

MEMORANDUM

April 14, 2017

TO: Board Members

FROM: Richard A. Carranza
Superintendent of Schools

SUBJECT: **PSAT 8/9 & PSAT/NMSQT Fall 2016**

CONTACT: Carla Stevens, 713-556-6700

This report analyzes the participation and performance of Houston Independent School District (HISD) students who took the fall 2016 administration of the Preliminary SAT for students in grades eight and nine (PSAT 8/9) and the Preliminary SAT/National Merit Scholarship Qualifying Test (PSAT/NMSQT) assessments offered by the College Board. In 2015–2016, the College Board redesigned the PSAT/NMSQT and introduced the PSAT 8/9 for the first time.

Key findings include:

- **HISD participation rates on both PSAT 8/9 and PSAT/NMSQT were high**—higher than in the state of Texas and the nation overall.
 - **PSAT 8/9:** In 2016, 76 percent and 46 percent of 8th graders in Texas and the nation, respectively, took the PSAT 8/9 compared to 82 percent of HISD 8th graders. Among 9th graders, the difference was even more stark—79 percent of HISD students took the test compared to 31 percent and 40 percent of students in Texas and the nation, respectively.
 - **PSAT/NMSQT:** In HISD, 81 percent of 10th graders and 78 percent of 11th graders took the PSAT/NMSQT compared to 70 percent of 10th graders and 67 percent of 11th graders in Texas and roughly half of 10th and 11th graders in the country.
- **Mean Math scores were higher than Evidence-Based Reading and Writing (ERW) scores on both assessments.**
 - **PSAT 8/9:** Among 8th graders, mean ERW and Math scores were 397 and 403, respectively, compared to mean ERW scores of 398 and mean Math scores of 407 in Texas. Among 9th graders, mean ERW and Math scores were 409 and 411, respectively, compared to mean ERW scores of 425 and mean Math scores of 428 in Texas. The range for each section on PSAT 8/9 is from 120 to 720.
 - **PSAT/NMSQT:** Among 10th graders, mean ERW and Math scores were 435 and 438, respectively, compared to mean ERW scores of 452 and mean Math scores of 456 in Texas. Among 11th graders, mean ERW and Math scores were 459 and 464, respectively, compared to mean ERW scores of 484 and mean Math scores of 487 in Texas. The range for each section on PSAT/NMSQT is from 160 to 760.
- **Increases were seen in the percent of students meeting College and Career Readiness (CCR) Benchmarks compared to last year.**
 - **PSAT 8/9:** The proportion of 8th and 9th graders combined that met CCR Benchmarks in 2016 in both subjects was 28 percent compared to 26 percent in fall 2015.
 - **PSAT/NMSQT:** The proportion of 10th and 11th graders combined that met CCR Benchmarks in 2016 in both subjects was 26 percent compared to 25 percent in fall 2015.

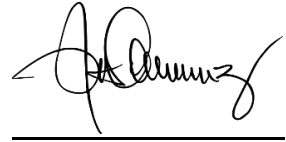
ADMINISTRATIVE RESPONSE

College Readiness Office

We are pleased to see an increase in the number of students participating in and meeting the college and career readiness benchmarks on the Preliminary SAT (PSAT). The Office of College and Career Readiness has implemented a number of initiatives to increase awareness of the importance of these exams, and tools to prepare, including:

- The district pays for students to take the PSAT in grades 8 through 10, which allows students and schools to use scores over time to prepare for the PSAT/National Merit Scholarship Qualifying Test in the 11th grade. The district also pays for all juniors to take the SAT during the school day, and the department works directly with schools to coordinate high participation.
- The district launched the Khan Academy “All In” campaign to increase awareness about the effectiveness of the free online SAT and PSAT preparation course to all 8th grade and high school students, teachers, and administrators. A print and digital campaign was launched, advertising the benefits of the course and a scholarship raffle for students who take advantage of the tool. Administrators were given regular updates from the district on the average number of minutes that students use Khan Academy, and campuses were provided training on how to integrate Khan Academy usage into the school day. Khan Academy uses students’ previous PSAT scores to develop a personalized preparation schedule and action plan.
- The district used data to identify a trend between high usage of Khan Academy and score increases on the PSAT. The district trained a number of these successful students to be “Khan Ambassadors,” sharing their success stories in a district wide print campaign and regularly promoting awareness of the benefits of strong PSAT performance on high school campuses.
- All middle school and high school campuses were given an opportunity to participate in a contest to increase the number of students that use Khan Academy to prepare for the PSAT and SAT. Campuses with the highest rates of usage are eligible for district funding for college field trips, materials and other college and career readiness initiatives. Middle and elementary school campuses were given the opportunity to participate in a Twitter photo contest of college-going culture building activities for funding, as well.
- The district provides students, parents and campuses with access to Naviance, which provides free standardized testing preparation for the PSAT and SAT. This tool is also used to send messages to students about upcoming testing dates, and resources to understand and prepare for the exam.
- The College Readiness Department centrally trains and supports a team of 33 College Success Advisors who work directly with students at all high schools. This team provides personalized support to students on completing college and financial aid applications, and also increases awareness of the importance of the PSAT for qualifying for scholarships. All College Access personnel in the district are provided with training on how to leverage PSAT and SAT Preparation tools.

Should you have any further questions, please contact Carla Stevens in Research and Accountability at 713-556-6700.



RAC

Attachment

cc: Superintendent's Direct Reports
Chief School Officers
School Support Officers
High School Principals
Middle School Principals
Rick Cruz



RESEARCH

Educational Program Report

PSAT 8/9 & PSAT/NMSQT REPORT, FALL
2016



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PSAT 8/9 and PSAT/NMSQT RESULTS, Fall 2016

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. The PSAT/NMSQT is used as an initial screening of entrants in annual competitions for recognition and college scholarships. In fall 2015, the College Board redesigned the PSAT/NMSQT and introduced the PSAT 8/9 for the first time.

Highlights:

- **HISD participation rates on both PSAT 8/9 and PSAT/NMSQT were high**—higher than in the state of Texas and the nation overall.
 - **PSAT 8/9:** In 2016, 76 percent and 46 percent of 8th graders in Texas and the nation, respectively, took the PSAT 8/9 compared to 82 percent of HISD 8th graders. Among 9th graders, the difference was even more stark—79 percent of HISD students took the test compared to 31 percent and 40 percent of students in Texas and the nation, respectively.
 - **PSAT/NMSQT:** In HISD, 81 percent of 10th graders and 78 percent of 11th graders took the PSAT/NMSQT compared to 70 percent of 10th graders and 67 percent of 11th graders in Texas and roughly half of 10th and 11th graders in the country.
- **Mean Math scores were higher than Evidence-Based Reading and Writing (ERW) scores on both assessments.**
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- **Increases were seen in the percent of students meeting College and Career Readiness (CCR) Benchmarks compared to last year.**
 - **PSAT 8/9:** The proportion of 8th and 9th graders combined that met CCR Benchmarks in 2016 in both subjects was 28 percent compared to 26 percent in fall 2015.
 - **PSAT/NMSQT:** The proportion of 10th and 11th graders combined that met CCR Benchmarks in 2016 in both subjects was 26 percent compared to 25 percent in fall 2015.

Introduction and Purpose

This report analyzes the participation and performance of Houston Independent School District (HISD) students who took the fall 2016 administration of the Preliminary SAT for students in grades eight and nine (PSAT 8/9) and the Preliminary SAT/National Merit Scholarship Qualifying Test (PSAT/NMSQT) offered by the College Board. The PSAT 8/9 establishes a baseline measurement of college and career readiness as students enter high school. The PSAT/NMSQT continues to measure the knowledge and skills that research shows are most essential for college and career readiness and success and can qualify eligible students for millions of dollars in scholarships through partnership with the National Merit Scholarship Corporation.¹ Approximately 3.8 million students take the PSAT/NMSQT every year.²

In 2015–2016, the College Board redesigned the PSAT/NMSQT and introduced the PSAT 8/9 for the first time. The goal of the redesign of the suite of assessments is to reflect that which 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.³ As part of the redesign, the College Board more closely aligned the suite of assessments in content and scores so that feedback on each assessment could be applied to the next one in the sequence. The specifics of each assessment's redesign are explained in more detail at the beginning of each assessment's results section. For methodology used in this report, see **Appendix A** (p. 17).

PSAT 8/9 Results

Administration and Scoring

The PSAT 8/9 is designed for eighth- and ninth-graders and is the first step in the suite of assessments offered by the College Board. The PSAT 8/9 serves as an early indicator of college and career readiness and helps students prepare for the PSAT/NMSQT and the SAT. The PSAT 8/9 design, score reporting, and college and career readiness benchmarks are outlined below in **Table 1**.

Table 1. 2016 PSAT 8/9	
	2016 PSAT 8/9
Testing Time	2 hours and 25 minutes
Number of Questions/Tasks	120
Sections	Evidence-Based Reading and Writing (ERW), Math
Score Reporting	Each section score ranges from 120 to 720 with total score ranging from 240 to 1440
College and Career Readiness Benchmarks (CCR)	<p>A 75 percent chance of earning a "C" or better in a college-level course. To be considered "on track" to be college-ready, students must meet or exceed the benchmark on both sections.</p> <p><u>CCR Benchmarks 2016</u></p> <p>8th grade ERW ≥ 390 8th grade Math ≥ 430 9th grade ERW ≥ 410 9th grade Math ≥ 450</p>

Source: The College Board, Inside the PSAT 8/9 Test retrieved from <https://collegereadiness.collegeboard.org/psat-8-9/inside-the-test/compare-to-readistep>; The College Board, PSAT 8/9 Understanding Scores, 2016–2017 retrieved from: <https://collegereadiness.collegeboard.org/pdf/psat-8-9-understanding-scores-fall-2016.pdf>

¹ The College Board. (2016). PSAT/NMSQT: Understanding Scores 2016.

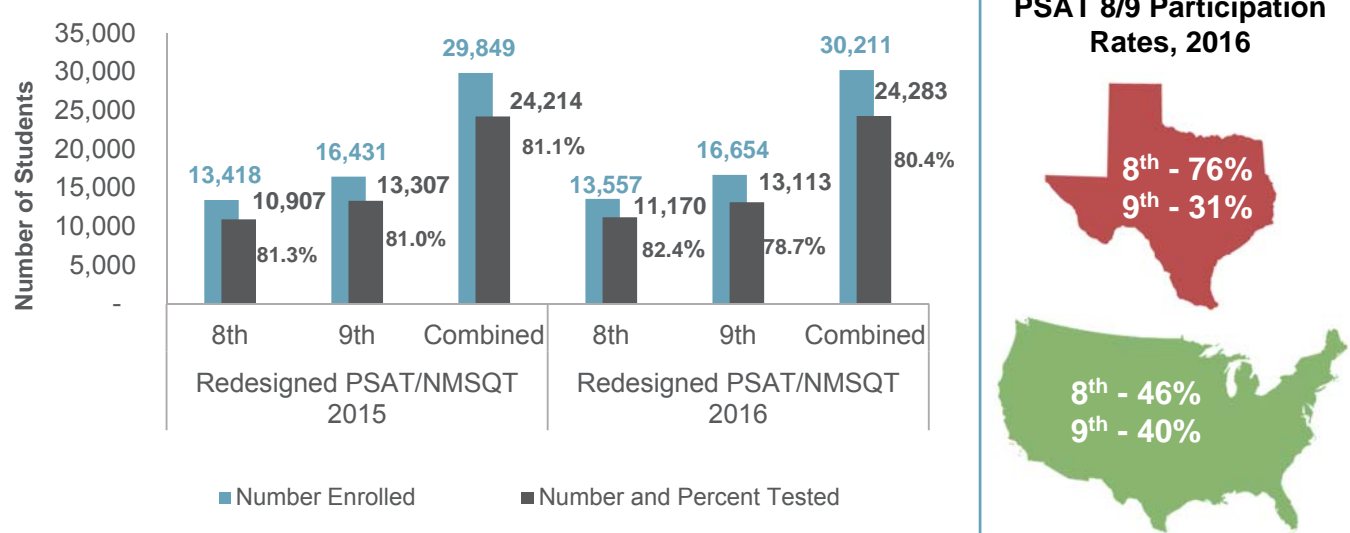
² The College Board. (2016). 2016 PSAT/NMSQT Fact Sheet.

³ The College Board. (2015). Counselor Resource Guide to the Redesigned Assessments.

How many 8th and 9th graders participated in the PSAT 8/9?

Figure 1 below shows the number of students enrolled and the number and percent of eighth and ninth grade students who took the redesigned PSAT 8/9 in the fall of 2015 and 2016. In 2016, 82.4 percent of 8th graders took the PSAT 8/9—this reflects a 1.1 percentage-point **increase** from the proportion that took the exam the year before. This rate is substantially higher than that of the state and nation overall. For example, in fall 2016, 76 percent and 46 percent of 8th graders in Texas and the nation, respectively, took the PSAT 8/9. Although there was a slight decline in the proportion of ninth graders who took the PSAT 8/9 in 2016 compared to those who took the PSAT/NMSQT in 2015, a larger proportion of HISD ninth graders took the PSAT 8/9 than those in Texas and the country—79 percent of HISD students took the test compared to 31 percent and 40 percent of students in Texas and the nation, respectively.

Figure 1. Number of Students Enrolled and Number and Percent Tested by Grade Level, Fall 2015 and 2016



Source: HISD PSAT/NMSQT Report, 2015–2016; Chancery extract, 10/24/2016; College Board SAT suite of Assessments K–12 online score portal accessed on 1/6/2017; College Board 2016 PSAT 8/9 data file;

Note: For 2016, where self-reported data were missing or unknown, Chancery data were used. The number tested includes only active students with a valid score and those found with self-reported or Chancery data. The HISD data differs from Fast Facts since all Fast Facts data points were taken from the online score portal for both years.

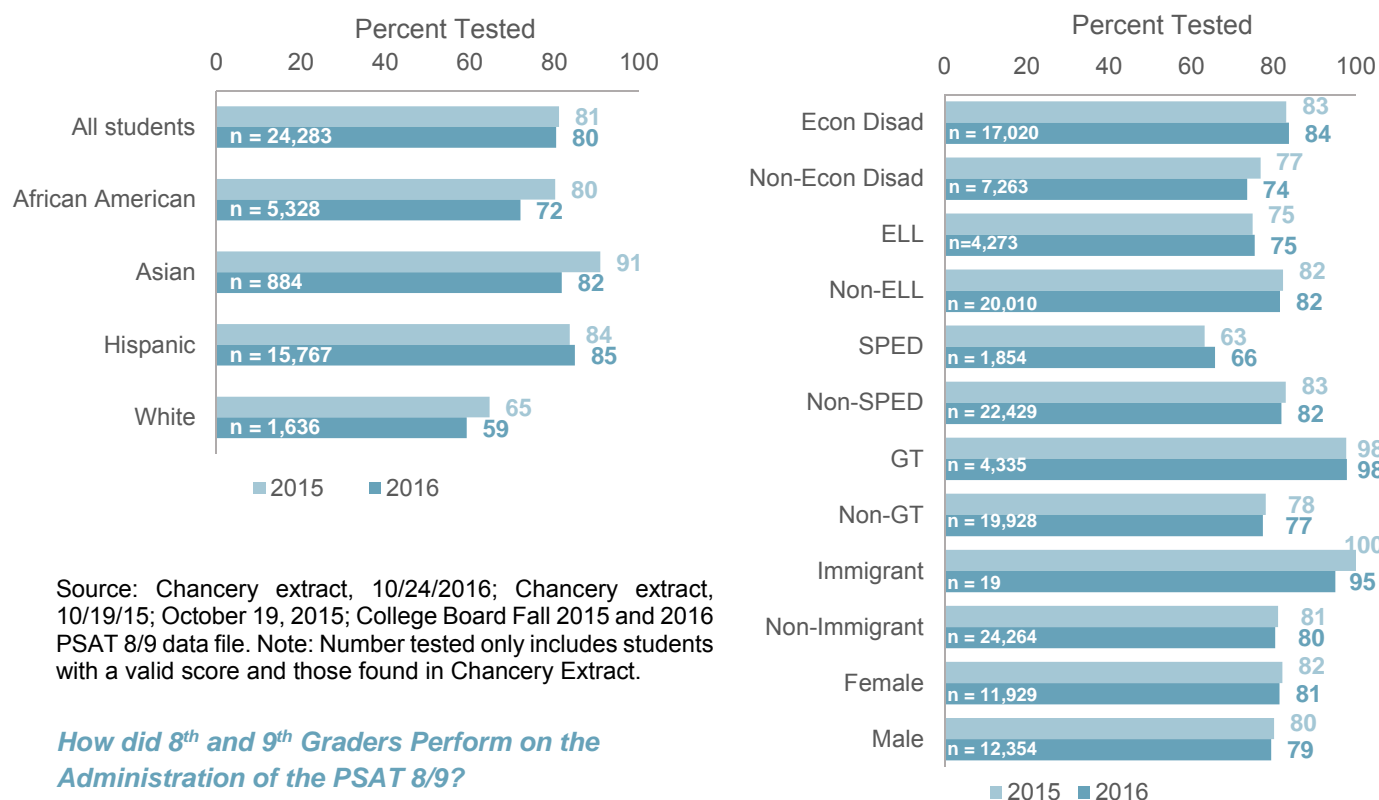
How Does Participation Vary Across Student Groups?

Figure 2 (p. 4) shows that participation rates **decreased** for all racial/ethnic groups, with the exception of Hispanic students (1 percentage point increase) from the year before. White students had the lowest participation rate with 59 percent taking the assessment this year. Students without special needs (non-SPED) and non-English Language Learners (non-ELL) had higher participation rates than their counterparts. Non-economically-disadvantaged students had slightly *lower* participation rates than their economically-disadvantaged peers.



HISD PSAT 8/9 participation rates are higher than those of Texas and the nation.

Figure 2. Percent of Students Enrolled in 8th and 9th Grade Combined Who Took Assessments by Student Group, Fall 2015 and 2016 PSAT 8/9

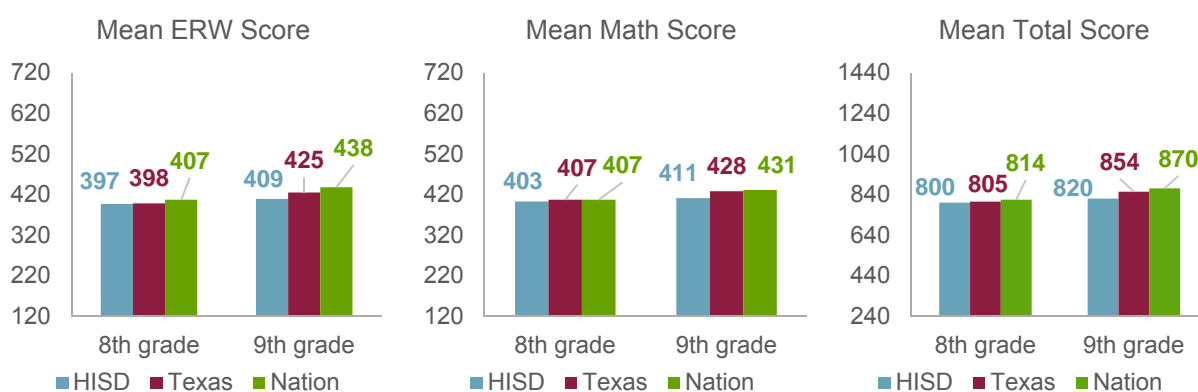


Source: Chancery extract, 10/24/2016; Chancery extract, 10/19/15; October 19, 2015; College Board Fall 2015 and 2016 PSAT 8/9 data file. Note: Number tested only includes students with a valid score and those found in Chancery Extract.

How did 8th and 9th Graders Perform on the Administration of the PSAT 8/9?

In fall 2016, 9th graders had slightly higher mean scores than 8th graders and Math scores were higher than Evidence-Based Reading and Writing (ERW) scores (**Figure 3A**). While scores among HISD students tended to be lower than those among students in the nation overall, this could be attributed to the fact that (1) HISD 8th graders are 1.75 times as likely as the average 8th grader, nationally, and (2) HISD 9th graders are twice as likely as the average 9th grader, nationally, to take the PSAT 8/9 (Figure 3A).

Figure 3A. PSAT 8/9 Mean Scores by Grade and HISD, Texas, Nation, Fall 2016

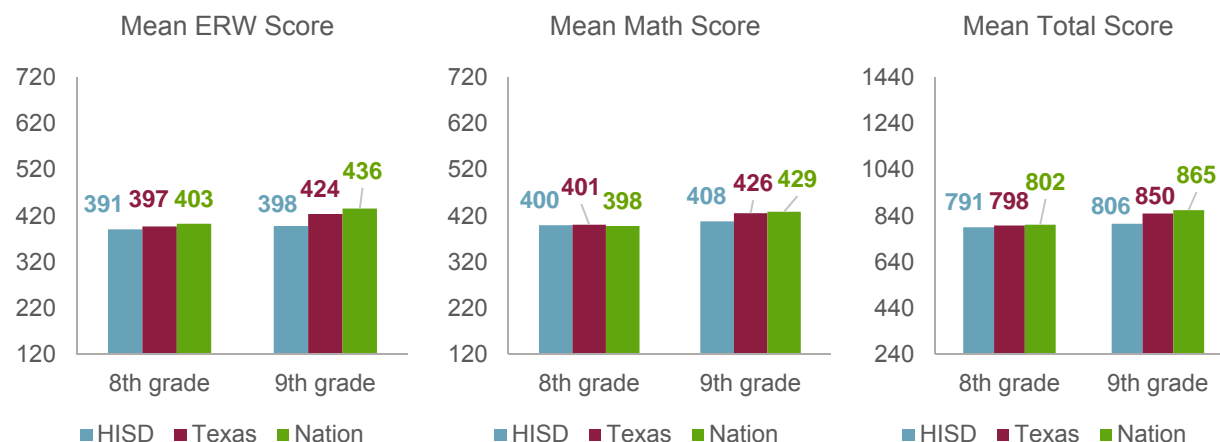


Source: College Board Fall 2016 PSAT 8/9 data file; College Board SAT Suite of Assessments K-12 online score portal, accessed 1/16/2017

Note: ERW=Evidence-Based Reading and Writing

HISD 8th grade performance was comparable to the performance of 8th graders statewide on ERW for fall 2016 and on math for 2015. Moreover, PSAT mean scores **increased** for both grade levels from 2015 (Figure 3B).

Figure 3B. PSAT 8/9 Mean Scores by Grade and HISD, Texas, Nation, Fall 2015

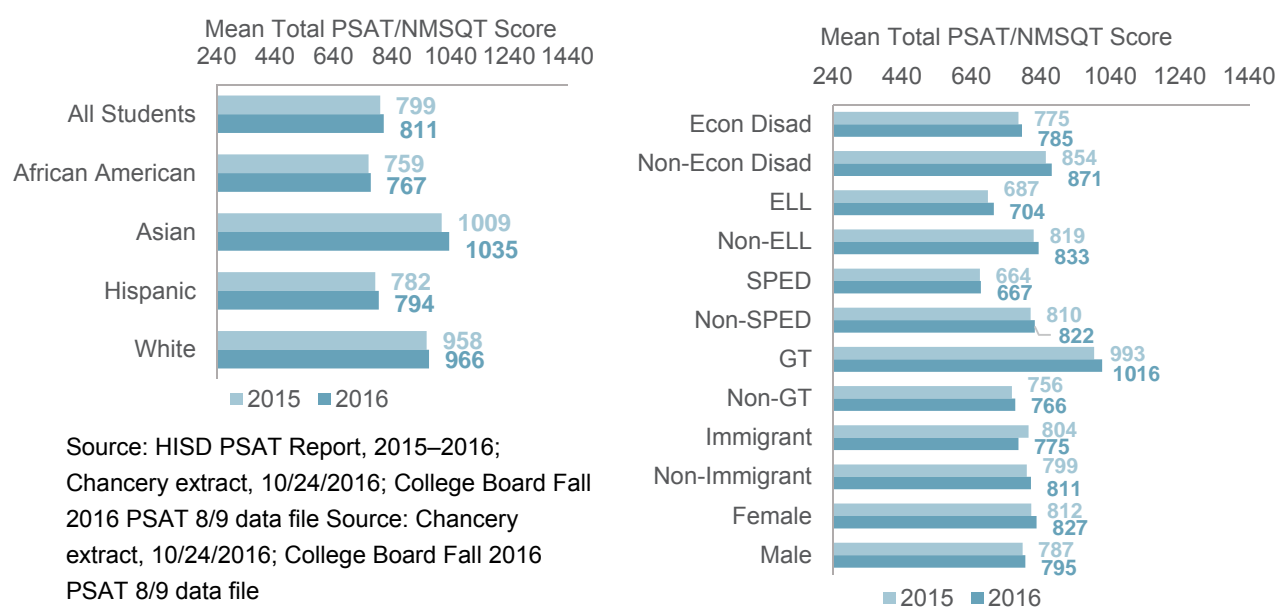


Source: HISD PSAT/NMSQT Report, 2015–2016; Note: ERW=Evidence-Based Reading and Writing

How Does Performance Vary Across Student Groups?

Mean total scores varied by more than 250 points across student groups (Figure 4). Among racial/ethnic groups, the mean total score ranged from 1035 for Asian-American students to 767 for African-American students. Economically-disadvantaged students, English Language Learners (ELL), students with special needs (SPED), non-Gifted/Talented (Non-GT) students and Immigrant students had lower scores than their counterparts. Female students had higher scores than their male peers. With the exception of Immigrant students, HISD 8th and 9th graders **increased** their mean total score for all student groups from 2015.

Figure 4. PSAT 8/9 Mean Total Score (ERW + Math) for Students in 8th and 9th Grade Combined by Student Group, Fall 2015 and 2016



Source: HISD PSAT Report, 2015–2016;
Chancery extract, 10/24/2016; College Board Fall
2016 PSAT 8/9 data file Source: Chancery
extract, 10/24/2016; College Board Fall 2016
PSAT 8/9 data file

How Does Performance Vary Across Campuses?

Figure 5 shows the number of students enrolled, number and percent tested, and mean PSAT 8/9 total score by campus for both 8th and 9th graders combined in 2016. Six schools had 100 percent participation: Chrysalis MS, East ECHS, Eastwood Academy, Energized MS, Wharton Dual Language Academy, and Wilson Montessori. Campuses with the highest mean total scores were Carnegie HS, TH Rogers, DeBakey HS, High School for Performing and Visual Arts, and Wharton Dual Language Academy. See **Appendix B-1** to **Appendix B-5** (pp. 18–23) for more detailed information by campus and grade level.

Figure 5. Number Enrolled, Number and Percent Tested, and PSAT 8/9 Mean Total (ERW + Math) Score by Campus for 8th and 9th Grade Combined (where applicable), Fall 2016

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Campus Name	N Enrolled±	N Tested	% Tested	Mean Total	Campus Name	N Enrolled±	N Tested	% Tested	Mean Total
Attucks MS	175	154	88	713	Leland YMCPA	161	155	96	892
Austin HS	662	521	79	740	Long Acad	360	311	86	759
Baylor College MS	201	198	99	913	Madison HS	629	484	77	721
Beechnut Acad	107	59	55	670	Marshall MS	315	265	84	735
Bellaire HS	1,064	862	81	929	McReynolds MS	205	160	78	754
Black MS	310	292	94	810	Meyerland MS	597	575	96	831
Briarwood	45	44	98	961	Mid Coll - Fraga	30	26	87	800
Burbank MS	486	423	87	838	Mid Coll - Gulfon	46	33	72	689
Carnegie HS	184	183	99	1138	Milby HS	451	291	65	781
Challenge ECHS	127	126	99	944	Mount Carmel Acad.	95	93	98	848
Chavez HS	1,028	908	88	805	N. Houston ECHS	119	118	99	931
Chrysalis MS	93	93	100	919	Navarro MS	294	277	94	728
Clifton MS	263	231	88	790	North Forest HS	297	261	88	713
Cullen MS	170	135	79	685	Northside HS	442	390	88	791
Deady MS	214	185	86	743	Ortiz MS	329	305	93	759
DeBakey HS	278	276	99	1080	Pershing MS	513	485	95	861
East ECHS	144	144	100	960	Pilgrim Acad.	100	98	98	731
Eastwood Acad	105	105	100	957	Pin Oak MS	398	387	97	970
Edison MS	227	209	92	733	Reagan Ed Ctr	133	127	95	703
Energized MS	120	120	100	816	Revere MS	422	365	86	788
Energy Inst HS	201	195	97	885	Rice School	150	149	99	868
E-STEM Central MS	85	82	96	685	Rogers, TH MS	145	130	90	1124
E-STEM Central HS	55	54	98	786	Rusk School	56	55	98	890
E-STEM West MS	81	80	99	863	Scarborough HS	236	205	87	755
E-STEM West HS	81	78	96	797	Sharpstown HS	577	492	85	725
Fleming MS	164	157	96	739	Sharpstown Intl	320	314	98	887
Fonville MS	341	321	94	730	South ECHS	143	138	97	817
Furr HS	350	268	77	775	Sterling HS	427	351	82	719
Garden Oaks ES	34	32	94	871	Stevenson MS	439	420	96	814
Grady MS	215	201	93	820	Sugar Grove MS	276	252	91	694
Gregory-Lincoln PK-8	84	81	96	754	Thomas MS	159	136	86	708
Hamilton MS	396	383	97	797	Waltrip HS	478	442	92	798
Hartman MS	463	434	94	772	Washington HS	205	167	81	771
Heights HS	697	676	97	836	Welch MS	267	253	95	710
Henry MS	280	258	92	722	West Briar MS	335	318	95	837
Hogg MS	232	222	96	795	Westbury HS	692	502	73	755
Holland MS	227	207	91	753	Westside HS	831	753	91	873
Hou Acad. Intl.	142	140	99	938	Wharton Dual Lang.	18	18	100	1005
Houston MSTC HS	875	764	87	736	Wheatley HS	347	240	69	695
HS for Law & Justice	160	158	99	863	Williams MS	170	96	56	742
HS Perf. Vis. Arts	205	202	99	1054	Wilson Mont.	22	22	100	887
Inspired Acad	55	45	82	660	Wisdom HS	652	440	67	735
Jones HS	118	113	96	807	Woodson School	87	77	89	714
Kashmere HS	237	193	81	700	Worthing HS	357	194	54	690
Key MS	224	196	88	694	Yates HS	305	245	80	717
Lamar HS	951	892	94	898	Young Scholars	6	5	83	768
Lanier MS	483	470	97	992	YWCPA	188	185	98	870
Lawson MS	340	308	91	709	All Students	30,211	24,283	80	811

Source: College Board Fall 2016 PSAT 8/9 data file

Note: Number tested only includes students with a valid score and those found in Chancery Extract.

± Number enrolled for All Students includes campuses that did not test their students.

Appendix B-5 (pp. 22–23) shows the number of eighth and ninth grade students tested, the PSAT 8/9 mean total score, and the percentage of students who met both college and career readiness benchmarks by campus and Board Member District for 2015 and 2016. Henry MS, Wisdom HS, and McReynolds MS

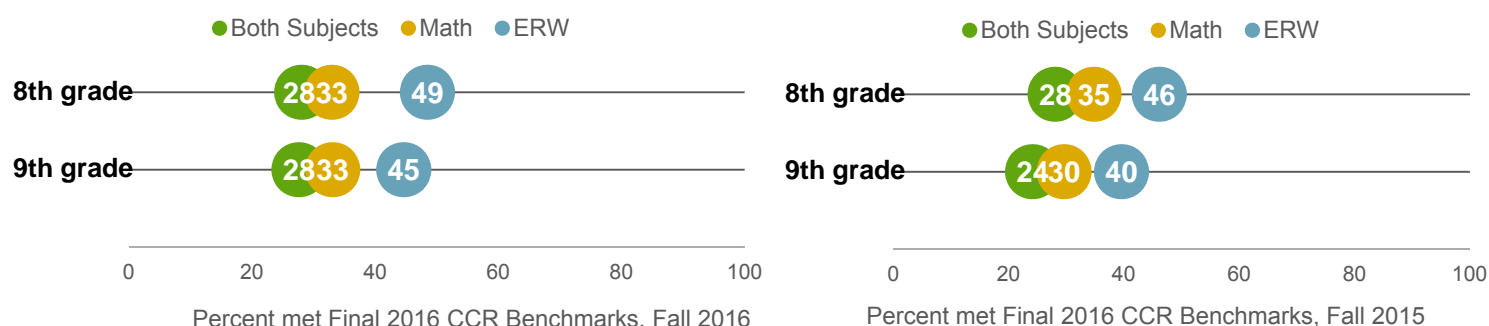
had the greatest increase in the number of eighth and ninth grade students taking the PSAT 8/9, with increases of 258, 176, and 160 students, respectively. Middle College at Fraga and the Rusk School had the greatest increase in the PSAT 8/9 mean total scores, improving by 112 and 116 points, respectively. The three campuses showing the greatest improvement in the percentage of students meeting both college and career readiness benchmarks were the Rusk School, the Rice School, and E-STEM West MS.

What Proportion of Students Met College and Career Readiness Benchmarks?

The College and Career Readiness Benchmarks differ by grade level. The benchmarks for eighth-graders are ERW ≥ 390 and Math ≥ 430 ; the benchmarks for ninth-graders are ERW ≥ 410 and Math ≥ 450 .

Figure 6 shows the proportion of students tested in fall 2016 that met the College and Career Readiness (CCR) Benchmarks. Both eighth and ninth grade students show equal potential to be “on track” to be college and career ready and students in both grade levels are more likely to be “on track” in Reading/Writing than in Math. Among eighth and ninth grade students, 28 percent are “on track” to be college and career ready in both subjects. The percent meeting CCR benchmarks has **increased** from 2015 for eighth grade students in ERW and for ninth grade students in ERW and math.

Figure 6. Percent of Students Who Met College and Career Readiness Benchmarks by Grade Level and Subject, Fall 2015 and 2016

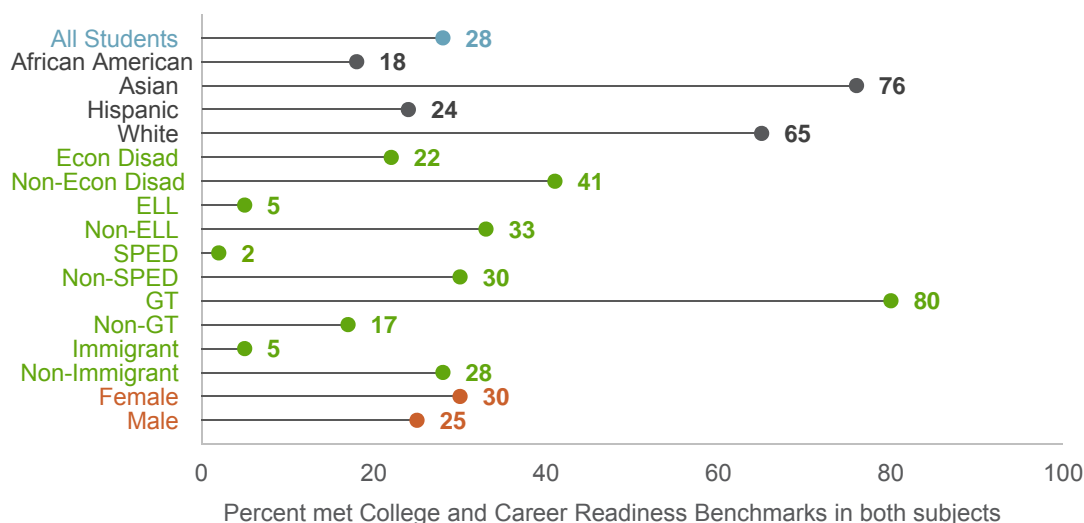


Source: College Board Fall 2016 PSAT 8/9 data file; HISD PSAT Report, 2015–2016

Approximately 28 percent of HISD 8th and 9th graders combined are “on track” to be college and career ready in both subjects (**Figure 7A**, p. 8). Disaggregated by race/ethnicity, the majority of Asian-American and White students are “on track” to be college and career ready compared to 18 percent of African-American and 24 percent of Hispanic students. Female students are slightly more likely than their male peers to be on the college ready pathway.



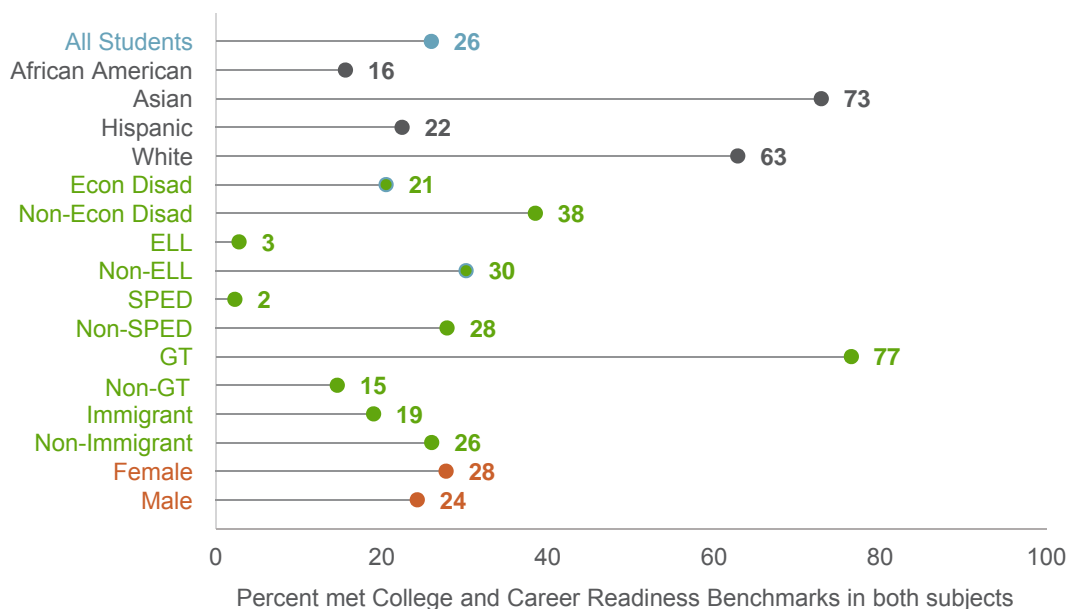
Figure 7A. Percent of Students in 8th and 9th Grade Combined Who Met College and Career Readiness Benchmarks in Both Subjects by Student Group, Fall 2016



Source: College Board Fall 2016 PSAT 8/9 data file; Chancery extract, 10/24/2016

For 2015, 26 percent of HISD 8th and 9th graders combined were “on track” to be college and career ready in both subjects (**Figure 7B**). There has been a 2 percentage point increase for 8th and 9th graders combined meeting both college and career readiness benchmarks since last year. With the exception of special education students and immigrants, the percentage of students meeting college and career readiness benchmarks **increased** for all students and all student groups.

Figure 7B. Percent of Students in 8th and 9th Grade Combined Who Met College and Career Readiness Benchmarks in Both Subjects by Student Group, Fall 2015



Source: HISD PSAT Report, 2015–2016; College Board Fall 2015 PSAT 8/9 data file; Chancery extract, 10/19/2015

PSAT/NMSQT Results

Administration and Scoring

The PSAT/NMSQT, generally taken by tenth- and eleventh-graders, has been redesigned from previous years in order to more closely reflect what is being taught in the classroom and to be a clearer indicator of college and career readiness. Taking the PSAT/NMSQT as a junior automatically screens students for the National Merit Scholarship Program, an academic competition for recognition and scholarships. Students who meet particular score thresholds and other requirements are eligible to receive a number of scholarships totaling millions of dollars.

The PSAT/NMSQT aims to serve as “check-ins” on student progress and identify areas for development. These assessments help prepare students for the SAT, the college admissions exam students typically take late in their junior year or early in their senior year. As a result of the content and strategy changes, the 2015–2016 PSAT/NMSQT changed in fall 2015 in format, test length, score reporting, and College Readiness Benchmarks. These changes help the PSAT/NMSQT align with the other assessments (e.g. the PSAT 8/9 and the redesigned SAT which was offered for the first time in March 2016). The PSAT/NMSQT design, score reporting, and college and career readiness benchmarks are outlined below in **Table 2**.

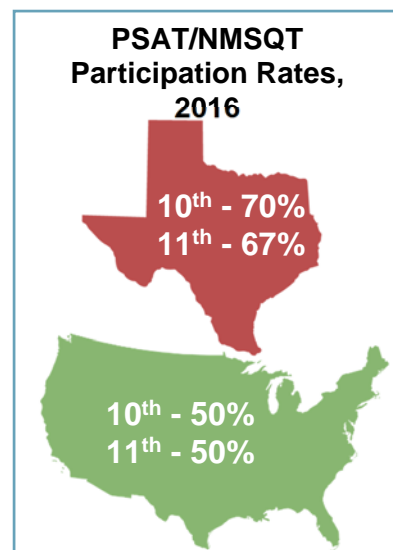
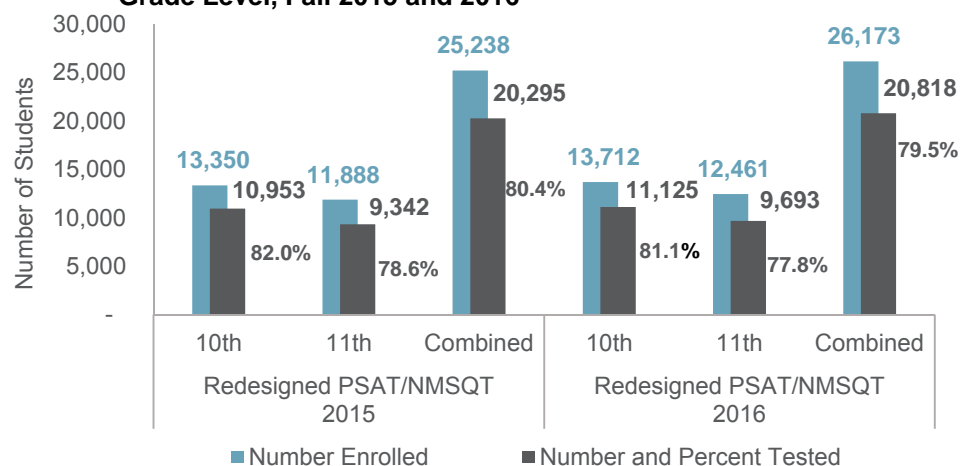
Table 2. Design, Score Reporting, and CCR Benchmarks of the 2016 PSAT/NMSQT	
	2016 PSAT/NMSQT
Testing Time	2 hours and 45 minutes
Number of Questions/Tasks	139
Sections	Evidence-Based Reading and Writing (ERW), Math
Score Reporting	Each section score ranges from 160 to 760 with total score ranging from 320 to 1520
College and Career Readiness Benchmarks	A 75 percent chance of earning a “C” or better in a college-level course. To be considered “on track” to be college-ready, students must meet the benchmark on both sections.
	CCR Benchmarks 2016 10 th grade ERW ≥ 430 10 th grade Math ≥ 480 11 th grade ERW ≥ 460 11 th grade Math ≥ 510

Source: The College Board, Inside the PSAT/NMSQT retrieved from <https://collegereadiness.collegeboard.org/psat-nmsqt-psat-10/inside-the-test/compare-specifications>.

How Many 10th and 11th Graders Participated in the PSAT/NMSQT?

Figure 8 (p. 10) shows that over 20,000 10th and 11th grade HISD students took the PSAT/NMSQT in the fall of 2016—this was 81 percent of sophomores and 78 percent of juniors enrolled in the district. This reflects a slight decrease in participation for both 10th and 11th grade students as the year before in fall 2015. While there was a slight decrease in the proportion of HISD students who took the assessment, HISD has higher participation rates than Texas and the nation overall. For example, 70 percent of 10th graders and 67 percent of 11th graders in Texas and roughly half of 10th and 11th graders in the nation took the PSAT/NMSQT in 2016.

Figure 8. Number of Students Enrolled in 10th and 11th Grade, and Number and Percent Tested by Grade Level, Fall 2015 and 2016



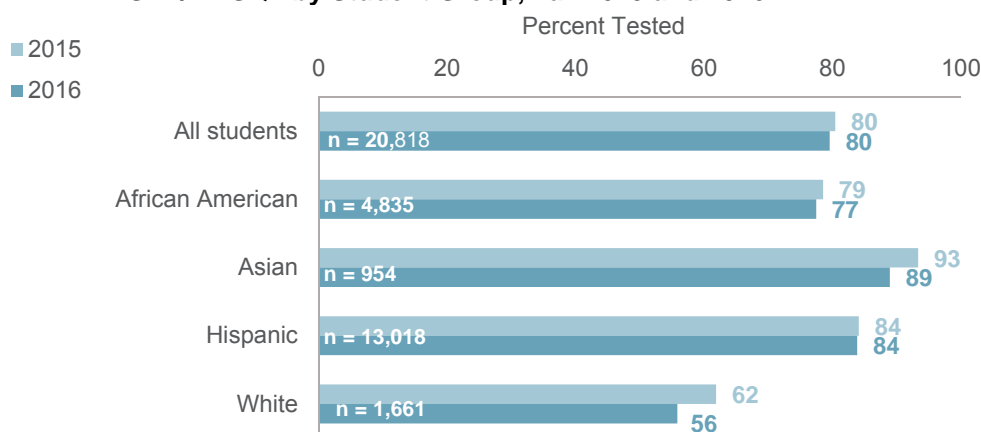
Source: HISD PSAT/NMST Report, 2015–2016; Chancery Extract on October 24, 2016; College Board Fall 2016 PSAT/NMSQT data file; College Board SAT Suite of Assessments K-12 online score portal, accessed 1/16/2017;

Note: For 2016, where self-reported data were missing or unknown, Chancery data were used. The number tested includes only active students with a valid score and those found with self-reported or Chancery data. The HISD data differ from those used in the Fast Facts since all Fast Facts data points were taken from the online score portal for both years.

How Does Participation Vary Across Student Groups?

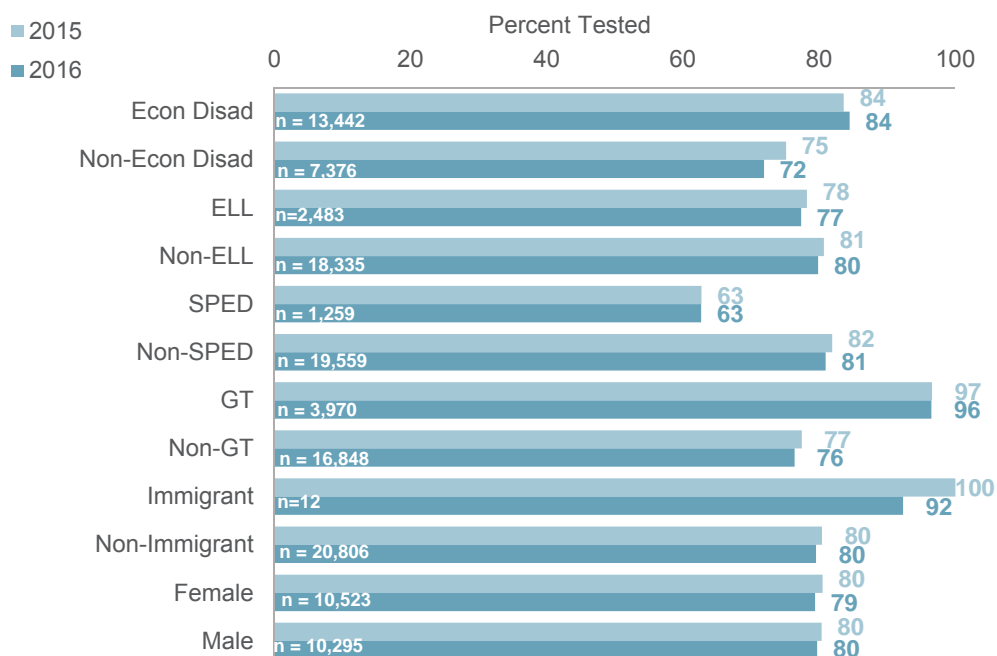
Figures 9A and 9B (p. 11) show that participation rates vary across racial/ethnic groups by more than thirty percentage points. In fall 2016, 89 percent of Asian-American students took the PSAT/NMSQT compared to 56 percent of White students. Non-economically-disadvantaged students were less likely to take the assessment compared to their economically-disadvantaged peers. No substantial participation rate differences occurred relative to last year, with the exception of participation among Asian, White, and Immigrant students which declined by 4, 6, and 8 percentage points, respectively.

Figure 9A. Percent of Students Enrolled in 10th and 11th Grade Combined Who Took the PSAT/NMSQT by Student Group, Fall 2015 and 2016



Source: HISD PSAT/NMST Report, 2015–2016; HISD Chancery Extracts on October 24, 2016; College Board Fall 2016 PSAT/NMSQT data file; Note: Number tested only includes students with a valid score and those found in Chancery Extract.

Figure 9B. Percent of Students Enrolled in 10th and 11th Grade Combined Who Took the PSAT/NMSQT by Student Group, Fall 2015 and 2016

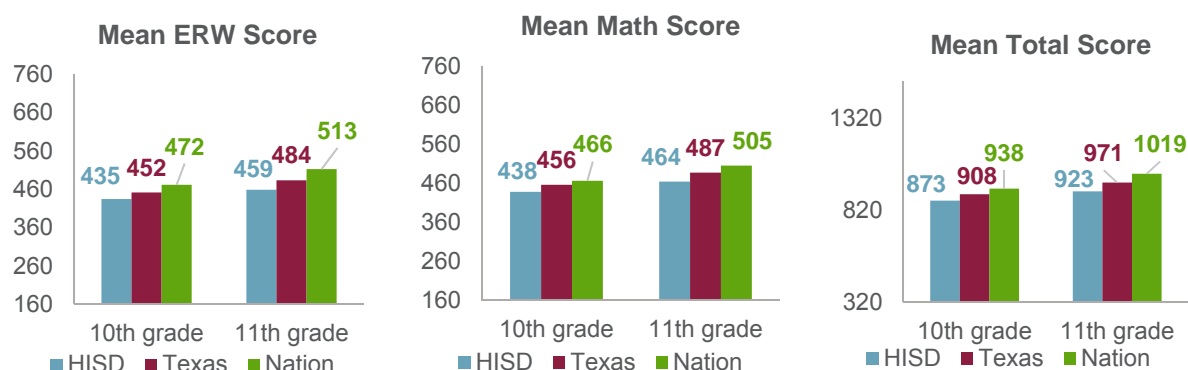


Source: HISD PSAT/NMST Report, 2015–2016; HISD Chancery Extracts on October 19, 2015 and October 24, 2016; College Board Fall 2015 and 2016 PSAT/NMSQT data files; Note: Number tested only includes students with a valid score and those found in Chancery Extract.

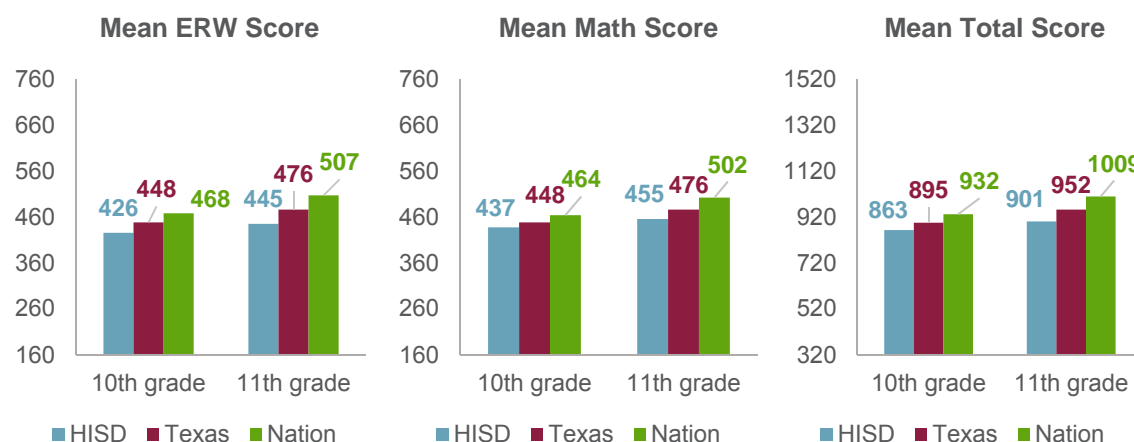
How Did 10th and 11th Graders Perform on the PSAT/NMSQT?

Figure 10A shows that in fall 2016, HISD juniors had higher mean scores on the PSAT/NMSQT than sophomores and scores on the Math section were higher than those on the ERW section among both grade levels. Similar to the PSAT 8/9, mean scores for Texas and the Nation are higher than those for the district—however, district participation rates are substantially higher than those of Texas and the nation. A similar pattern is evident for 2015 (**Figure 10B**, p. 12). When comparing 2015 to 2016, the district increased all PSAT/NMSQT mean scores (Figures 10A and 10B).

Figure 10A. PSAT/NMSQT Mean Scores for HISD, Texas, and Nation by Grade Level, Fall 2016



Source: HISD PSAT/NMSQT Report, 2015–2016; HISD Chancery Extracts on October 24, 2016; College Board Fall 2016 PSAT/NMSQT data file; College Board SAT Suite of Assessments K-12 online score portal, accessed 1/6/2017
Note: ERW=Evidence-Based Reading and Writing

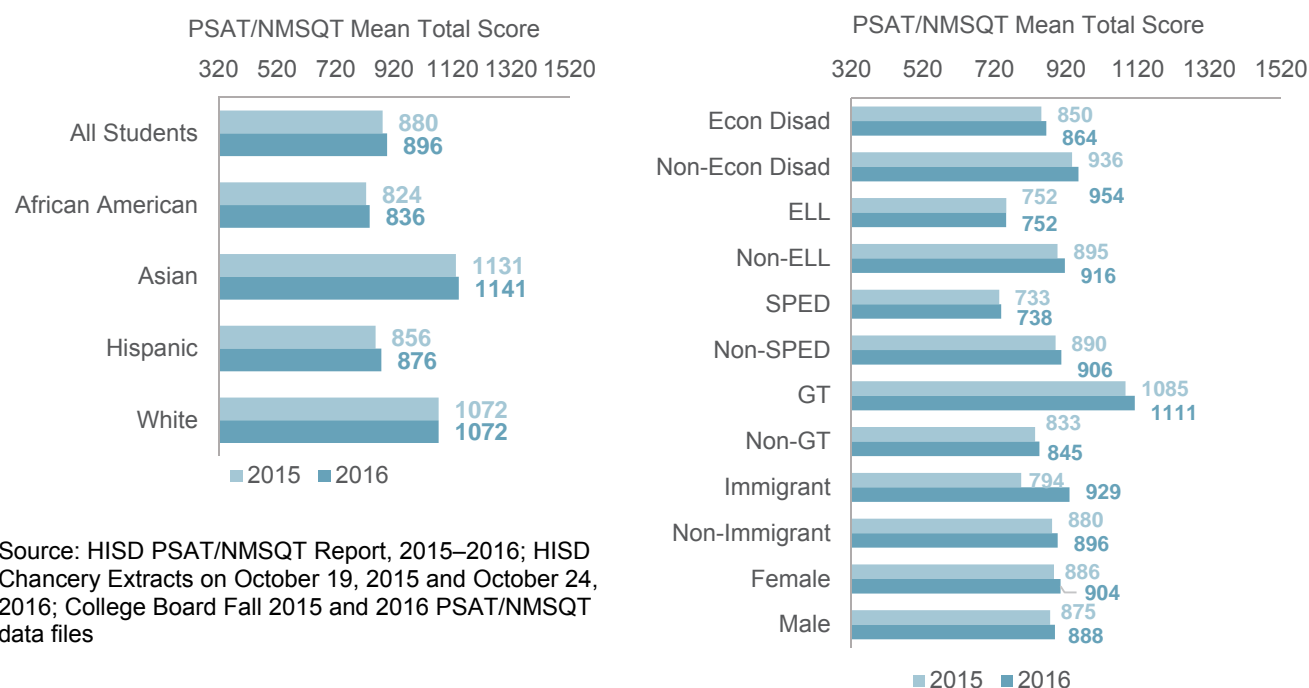
Figure 10B. PSAT/NMSQT Mean Scores for HISD, Texas, and Nation by Grade Level, Fall 2015

Source: HISD PSAT/NMSQT Report, 2015–2016

Note: ERW=Evidence-Based Reading and Writing

How Does Performance Vary Across Student Groups?

In fall 2016, mean total scores varied across racial/ethnic groups by more than 300 points (**Figure 11**). For example, the mean score for Asian-American students was 1141 while the mean score for African-American students was 836. Furthermore, non-economically-disadvantaged students had higher scores than their economically-disadvantaged peers. Female students had slightly higher mean total scores than their male counterparts. Mean scores in 2016 were **higher** than the year before with the exception of White students and ELL students where the scores were the same.

Figure 11. PSAT/NMSQT Mean Total Score (ERW + Math) for Students in 10th and 11th grade Combined by Student Group, Fall 2015 and 2016

Source: HISD PSAT/NMSQT Report, 2015–2016; HISD Chancery Extracts on October 19, 2015 and October 24, 2016; College Board Fall 2015 and 2016 PSAT/NMSQT data files

How Does Performance Vary Across Campuses?

Figure 12 shows the number of sophomores and juniors combined enrolled, number and percent tested, and mean total scores by campus. The PSAT/NMSQT mean total score for 10th and 11th graders combined in the district was 896 in fall 2016. Campuses with 100 percent participation include Carnegie HS, Challenge ECHS, Eastwood Academy, Leland YMCPA, Long Academy, and South ECHS. High school campuses with mean scores above 1000 include: Bellaire HS, Carnegie HS, Challenge ECHS, DeBakey HS, East ECHS, Eastwood Academy, Houston Academy for International Studies, High School for Performing and Visual Arts, Leland YMCPA, North ECHS, and Texas Connections Academy at Houston (TCAH).

Appendix B-6 (p. 24) shows the number of sophomores and juniors tested and the PSAT/NMSQT mean total score by campus and Board Member District for 2015 and 2016. Kashmere HS, Wisdom HS and Houston MSTC HS had the greatest increase in the number of sophomores and juniors taking the PSAT, with increases of 248, 231, and 97 students, respectively. REACH HS and Leland YMCPA had the greatest increase in the PSAT/NMSQT mean total scores, improving by 93 and 70 points, respectively. However, REACH tested fewer students in 2016 (37 in 2015 and 8 in 2016). The three campuses showing the greatest improvement in the percentage of students meeting both college and career readiness benchmarks were N. Houston ECHS, Leland YMCPA, and Sharpstown International. **Appendix B-6 to B-10** (pp. 24–28) show campus data by grade level.

Figure 12. Number Enrolled, Number and Percent tested, and the PSAT/NMSQT Mean Total (ERW + Math) Score for Students in 10th and 11th Grade Combined, Fall 2016

Campus Name	N Enrolled	N Tested	% Tested	Mean Total
Austin HS	918	823	90	815
Beechnut Acad	40	22	55	806
Bellaire HS	1,682	1,378	82	1037
Carnegie HS	322	321	100	1258
Challenge ECHS	237	236	100	1066
Chavez HS	1,474	1,257	85	883
DeBakey HS	409	405	99	1283
East ECHS	240	238	99	1021
Eastwood Acad	212	212	100	1033
Energy Inst HS	359	355	99	967
E-STEM Central HS	74	72	97	814
E-STEM West HS	151	147	97	864
Furr HS	534	397	74	822
Heights HS	1,136	1,084	95	897
Hou Acad. Intl.	245	243	99	1001
Houston MSTC HS	1,375	1,206	88	800
HS for Law & Justice	179	177	99	899
HS Perf. Vis. Arts	385	379	98	1146
Jones HS	225	210	93	883
Jordan HS	161	145	96	835
Kashmere HS	276	249	90	774
Lamar HS	1,774	1,576	89	959
Leland YMCPA	83	83	100	1002
Long Acad	109	109	100	892

Campus Name	N Enrolled	N Tested	% Tested	Mean Total
Madison HS	790	607	77	803
Mid Coll - Fraga	67	55	82	793
Mid Coll - Gulfton	92	48	52	740
Milby HS	539	464	86	802
Mount Carmel Acad.	186	183	98	931
N. Houston ECHS	232	229	99	1013
North Forest HS	454	379	83	744
Northside HS	787	663	84	828
Reach HS	127	8	6	779
Scarborough HS	392	331	84	821
Sharpstown HS	754	608	81	799
Sharpstown Intl	302	289	96	946
South ECHS	141	141	100	901
Sterling HS	498	429	86	777
Tx Conn. Acad.	2,130	77	4	1066
Waltrip HS	797	718	90	864
Washington HS	407	313	77	772
Westbury HS	1,064	853	80	810
Westside HS	1,477	1,325	90	972
Wheatley HS	356	314	88	740
Wisdom HS	883	747	85	777
Worthing HS	342	303	89	758
Yates HS	362	296	82	770
YWCPA	106	104	98	962
All Students	26,173	20,818	80	896

Source: HISD PSAT/NMSQT Report, 2015–2016; Chancery extract on October 24, 2016; College Board Fall 2016 PSAT/NMSQT data file

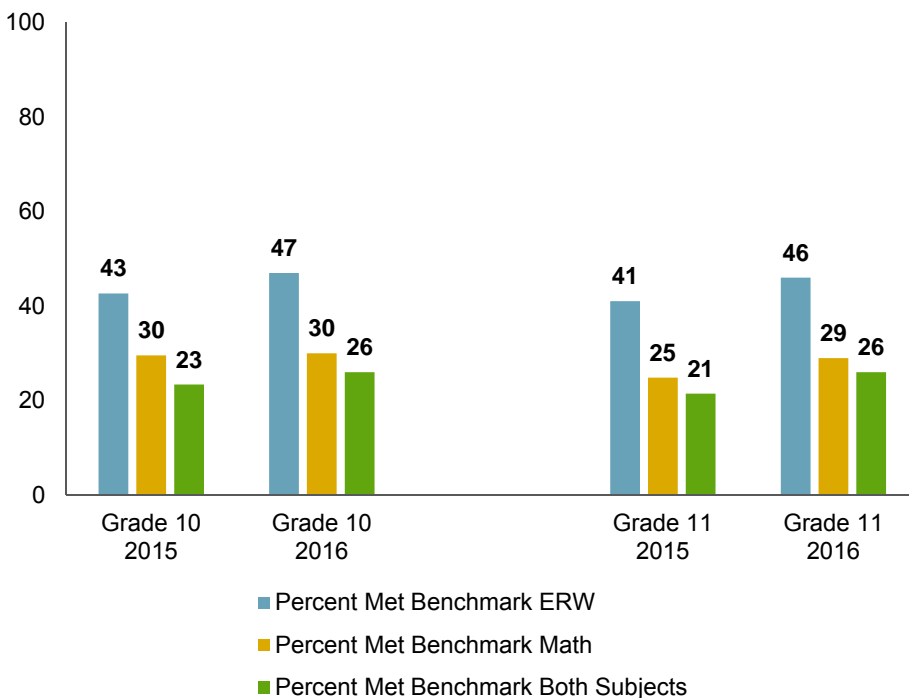
Note: Number tested only includes students with a valid score and those found in Chancery Extract. Number enrolled for All Students includes campuses that did not test their students.

What proportion of students met Final 2016 College and Career Readiness Benchmarks?

In May 2016, the College Board finalized the College and Career Readiness Benchmarks for the Spring 2016 administrations of assessments and beyond. Under Final 2016 Benchmark standards, the benchmarks for sophomores are ERW \geq 430 and Math \geq 480; the benchmarks for juniors are ERW \geq 460 and Math \geq 510.

Figure 13 shows the proportion of students tested in fall 2015 and 2016 that met Final College and Career Readiness Benchmarks. Under Final Benchmarks for fall 2016, 26 percent of both sophomores and juniors are “on track” to be college and career ready in both subjects (Figure 13). Additionally, both grade levels are more likely to be “on track” to be college and career ready in Reading/Writing than in Math. Similar patterns are evident for fall 2015. On the PSAT/NMSQT, HISD maintained or showed improvement on the college and career readiness benchmarks in both subjects and both grade levels (Figure 13).

Figure 13. Percent of Students Who Met College and Career Readiness Benchmarks by Grade Level and Subject, Fall 2015 and 2016



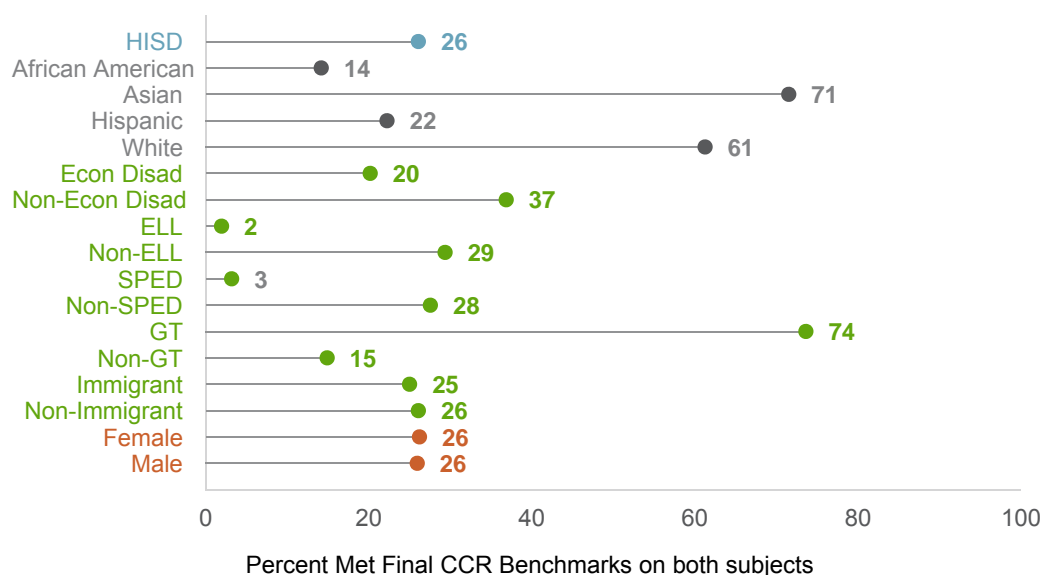
Source: Chancery extract on October 24, 2016; College Board Fall 2016 PSAT/NMSQT data file; HISD PSAT Report, 2015–2016; College Board SAT suite of Assessments K–12 online score portal accessed 1/9/2017

Note: ERW=Evidence-based reading and writing; The HISD data points differ from those used in the Fast Facts since all Fast Facts data points were taken from the online score portal for both years. CCR benchmarks used for grade 10: ERW ≥ 430 and Math ≥ 480 ; CCR benchmarks for grade 11: ERW ≥ 460 and Math ≥ 510 . Final benchmarks were not available for Texas and the Nation in 2015.

Approximately 26 percent of HISD 10th and 11th graders combined are “on track” to be college and career ready in both subjects under Final Benchmark standards for both fall 2015 and 2016 (**Figures 14 and 15**, p. 15). Disaggregated by race/ethnicity, the majority of Asian-American and White students are “on track” to be college and career ready compared to 14 percent of African-American and 22 percent of Hispanic students. Female students are just as likely as their male peers to be on the college and career ready pathway. Only three-quarters of G/T students are “on track” to be college and career ready.

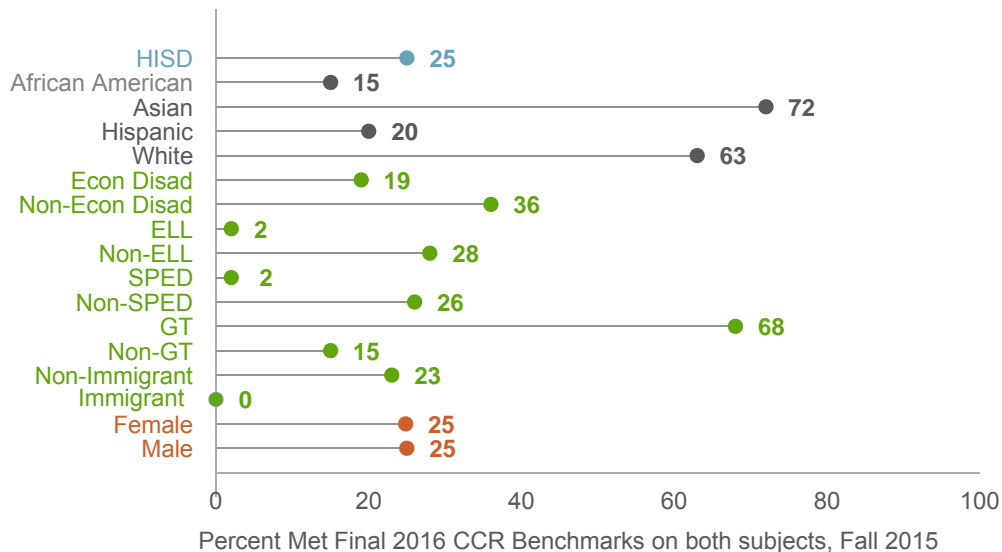
The percentage of HISD 10th and 11th graders combined who are “on track” to be college and career ready in both subjects has **increased by** one percentage point since 2015.

Figure 14. Percent of Students in 10th and 11th Grade Combined Who Met College and Career Readiness Benchmarks in Both Subjects by Student Group, Fall 2016



Source: Chancery extract on October 24, 2016; College Board Fall 2016 PSAT/NMSQT data file

Figure 15. Percent of Students in 10th and 11th Grade Combined Who Met College and Career Readiness Benchmarks in Both Subjects by Student Group, Fall 2015



Source: HISD PSAT/NMST Report, 2015–2016; Chancery extract on October 19, 2015; College Board Fall 2015 PSAT NMSQT data file

Note: 2015 Immigrant and Non-Immigrant data points were added to this report.

The College Board compares the average performance of all test-takers who met the CCR benchmarks to the average performance of those who did not. Once average growth is determined, students are grouped into one of three performance categories based on typical growth in one year. **Appendix C-1** and **Appendix**

C-2 (pp. 29–30) show the breakdown by campus of student scores that are more than one year’s growth from meeting the benchmark (red), scores that are within one year’s growth of meeting the benchmark (yellow), and scores that met or exceeded the benchmark (green). By eleventh grade, Carnegie HS (100 percent), DeBakey HS (99 percent), and High School for the Performing and Visual Arts (96 percent) have 96 percent or higher “on track” for college and career readiness in ERW. For mathematics, Carnegie and DeBakey high schools have 99 percent and 100 percent of their eleventh grade students “on track” to be college and career ready, respectively.

Conclusion

In 2014, Houston ISD launched its Global Graduate Initiative. The district’s and initiative’s goal is to ensure that each HISD student graduates ready for the world. The profile of an HISD Global Graduate is one of a leader, a skilled communicator, adaptable and productive, a critical thinker, a responsible decision maker, and a college-ready learner. While this is a new initiative, the goal of preparing students to be college and career ready upon graduation is not a new one for the district. That’s why HISD has consistently focused on offering students access to college readiness and entrance exams such as the PSAT—an integral step to succeeding on the SAT, one of the most widely accepted assessments by colleges and universities, and to being eligible for millions of dollars in scholarships. With the redesign of the PSAT/NMSQT and the new PSAT 8/9, students should be even more prepared for the redesigned SAT which debuted in March 2016.

An analysis of participation and performance on the PSAT 8/9 and the PSAT/NMSQT in 2016 revealed similar findings on each assessment. For example, participation rates on both the PSAT 8/9 and the PSAT/NMSQT were high—higher than in the state of Texas and the nation overall. This high participation rate could explain why mean subject and total scores for the district were lower than those for Texas and the nation. Mean Math scores were higher than ERW scores but not high enough—students in all grade levels were less likely to meet College and Career Readiness Benchmarks in Math than in ERW. Performance differences existed across student groups in both assessments.

Appendix A– Methods

The College Board provided a complete PSAT 8/9 and PSAT/NMSQT data file for the district in January 2017. This student-level data file was matched with an extract of students found in Chancery on October 24, 2016—the date closest to when students took the assessments. Only students found in this extract were included in the analysis. Where self-reported data were missing or unknown, Chancery data were used. The following demographic variables were only available from Chancery: economic status, ELL status, SPED status, GT status, and Immigrant status. For this reason, data presented in this report may not match that which is provided in the K-12 online score portal provided by the College Board. After identifying data was matched from Chancery and students without valid composite scores were excluded, analysis was conducted only on students enrolled in grades eight and nine (for the PSAT 8/9) and ten and eleven (for the PSAT/NMSQT)—students enrolled in other grade levels were excluded from analysis. Kashmere High School did not administer the PSAT/NMSQT in fall 2015 so data are missing, except for one student, for this campus for the 2015 test administration.

Data Limitations

Performance comparisons are only valid for the past two years since the PSAT 8/9 was first administered in 2015, and the PSAT/NMSQT was redesigned in 2015. Additionally, for the PSAT 8/9, there were 1,483 eighth grade students and 1,806 ninth grade students that did not indicate their race/ethnicity. The Chancery extract was used to supplement the information. Similarly, 351 tenth grade students and 199 eleventh grade students did not indicate their race/ethnicity so the Chancery extract was used.

Differences may exist in determining the number of students meeting college and career readiness benchmarks when the CCR variable field in the data files provided by the College Board are used compared to using the actual benchmark scores. If a student did not report their grade level, the highest grade level criteria were used to determine college readiness. For example, a tenth grade student who left the grade field blank, would have to meet the 11th grade college and career readiness benchmarks. By using grade level from the Chancery extract, the college and career readiness benchmark scores were used to compute college and career readiness.

For 2015, Immigrant and Non-Immigrant variables were calculated using the Chancery extract from 10/19/2015.

A disparity was noted in the number of White student test-takers enrolled at Texas Connections Academy. A total of 1,160 White students were enrolled in tenth and eleventh grade, but only 45 students tested. The high enrollment skews the districts' results for participation rates among White students. Since this represents a virtual campus, there are barriers that exist which may preclude students from taking the PSAT free at any HISD high school. These may include transportation and time since the students may live outside of Houston.

Following College Board practices, self-reported data are used first, followed by demographic files sent by the district. There was one student who self-reported being in grade 8, but attended a high school. The PSAT 8/9 graph includes this student, but the eighth grade campus-level data does not include this student.

Appendix B-1

PSAT 8/9 Mean Scores for Grade 8 by Campus, 2015 and 2016								
Campus	N Tested		Mean ERW		Mean Math		Mean Total	
	2015	2016	2015	2016	2015	2016	2015	2016
Attucks MS	150	154	330	344	357	369	686	713
Baylor College MS	208	198	469	464	458	449	927	913
Beechnut Acad	26	16	316	346	312	352	628	698
Black MS	301	292	401	407	407	403	807	810
Briar meadow	41	44	466	483	493	478	958	961
Burbank MS	425	423	392	408	418	430	810	838
Chrysalis MS	68	93	446	453	451	466	897	919
Clifton MS	270	231	367	391	391	399	758	790
Cullen MS	176	135	351	351	357	334	708	685
Deady MS	234	185	364	360	369	383	733	743
Edison MS	229	209	360	361	362	372	722	733
Energized MS	130	120	376	396	400	420	776	816
E-STEM Central MS	37	81	322	325	351	362	673	687
E-STEM West MS	101	80	381	412	403	452	785	863
Fleming MS	153	157	362	364	365	375	727	739
Fondren MS	230	0	351	-	370	-	720	-
Fonville MS	292	321	341	356	353	374	694	730
Garden Oaks ES	0	32	-	458	-	413	-	871
Grady MS	181	201	419	419	396	401	814	820
Gregory-Lincoln PK-8	89	81	342	382	354	372	696	754
Hamilton MS	392	383	395	404	392	394	787	797
Hartman MS	424	434	378	377	399	395	777	772
Henry MS	0	258	-	358	-	364	-	722
Hogg MS	202	222	368	395	371	400	740	795
Holland MS	207	207	353	377	364	376	717	753
Inspired Acad	35	45	339	332	346	328	685	660
Key MS	204	196	354	339	355	355	709	694
Lanier MS	432	470	496	501	484	491	980	992
Lawson MS	269	308	351	342	372	366	723	709
Leland YMCPA	79	98	425	430	431	428	856	858
Long Acad	271	249	345	357	360	373	706	730
Marshall MS	271	265	364	359	384	376	747	735
McReynolds MS	0	160	-	366	-	388	-	754
Meyerland MS	516	575	422	421	414	410	836	831
Navarro MS	243	277	364	353	378	375	743	728
Ortiz MS	323	305	364	369	393	389	757	759
Pershing MS	466	485	414	431	413	430	827	861
Pilgrim Acad.	87	98	364	361	390	370	754	731
Pin Oak MS	389	387	494	492	482	478	977	970
Reagan Ed Ctr	118	127	359	350	369	354	728	703
Revere MS	374	365	387	396	394	392	781	788
Rice School	145	149	412	431	402	437	814	868
Rogers, TH MS	125	130	570	570	568	554	1138	1124
Rusk School	54	55	388	441	386	449	774	890
Sharpstown Intl	155	161	416	404	420	429	836	834
Stevenson MS	451	420	383	403	414	412	797	814
Sugar Grove MS	263	252	333	341	365	353	698	694
Thomas MS	131	136	346	349	363	358	709	708
Welch MS	265	253	354	350	373	360	727	710
West Briar MS	322	318	434	425	432	412	865	837
Wharton Dual Lang.	20	18	498	502	501	503	999	1005
Williams MS	100	96	368	360	379	382	747	742
Wilson Mont.	28	22	464	454	420	433	885	887
Wisdom HS	0	1	-	*	-	*	-	*
Woodson School	84	77	364	357	371	357	735	714
Young Scholars	10	5	341	384	387	384	728	768
YWCPA	111	110	436	447	390	410	826	857
HISD Grade 8 Total	10,907	11,170	391	397	400	403	791	800
Texas	N/A	161,715	397	398	401	407	798	805
Nation	N/A	456,539	403	407	398	407	802	814

Source: HISD PSAT/NMSQT Report, 2015–2016; Chancery extract, 10/24/2016; 2016 College Board PSAT 8/9 data file; College Board SAT suite of Assessments K–12 online score portal accessed on 1/6/2017

Note: One student attending Wisdom HS self-reported being in eighth grade. The number of students tested for Texas and the Nation was not available for 2015.

*Scores not reported for less than 5 students. A “-” denotes no test data for the campus.

Appendix B-2

PSAT 8/9 Mean Scores for Grade 9 by Campus, 2015 and 2016								
Campus	N Tested		Mean ERW		Mean Math		Mean Total	
	2015	2016	2015	2016	2015	2016	2015	2016
Austin HS	591	521	361	363	372	377	732	740
Beechnut Acad	60	43	334	331	345	329	679	660
Bellaire HS	881	862	451	466	449	464	900	929
Carnegie HS	178	183	562	572	572	566	1134	1138
Challenge ECHS	110	126	486	477	498	467	985	944
Chavez HS	889	908	382	399	402	406	784	805
DeBakey HS	246	276	563	540	582	540	1145	1080
East ECHS	120	144	474	476	498	484	972	960
Eastwood Acad	111	105	455	477	482	481	937	957
Energy Inst HS	241	195	431	439	439	446	870	885
E-STEM Central HS	64	54	373	386	377	399	750	786
E-STEM Central MS	0	1	-	*	-	*	-	*
E-STEM West HS	68	78	404	391	422	406	827	797
Furr HS	241	268	368	381	393	395	761	775
Heights HS	668	676	411	420	407	416	817	836
Hou Acad. Intl.	115	140	473	480	451	458	923	938
Houston MSTC HS	759	764	356	360	375	376	731	736
HS for Law & Justice	100	158	436	435	425	428	860	863
HS Perf. Vis. Arts	185	202	535	544	499	510	1034	1054
Jones HS	116	113	398	393	433	414	831	807
Kashmere HS	173	193	360	342	379	358	739	700
Lamar HS	924	892	447	459	434	439	882	898
Leland YMCPA	59	57	437	474	461	477	898	951
Long Acad	70	62	412	435	432	438	844	872
Madison HS	525	484	357	356	365	365	722	721
Mid Coll - Fraga	21	26	342	398	346	401	688	800
Mid Coll - Gulfon	22	33	363	347	355	342	718	689
Milby HS	296	291	356	386	379	395	736	781
Mount Carmel Acad.	89	93	411	429	406	419	817	848
N. Houston ECHS	123	118	463	463	485	468	948	931
North Forest HS	283	261	343	353	357	360	701	713
Northside HS	471	390	375	396	385	394	760	791
Scarborough HS	215	205	364	368	380	387	744	755
Sharpstown HS	487	492	343	358	365	367	709	725
Sharpstown Intl	172	153	436	458	465	486	902	944
South ECHS	73	138	409	410	428	407	837	817
Sterling HS	376	351	352	359	358	360	710	719
Tx Conn. Acad.	6	0	458	-	442	-	900	-
Waltrip HS	491	442	384	399	401	398	785	798
Washington HS	213	167	349	388	360	383	709	771
Westbury HS	679	502	358	376	361	379	719	755
Westside HS	873	753	429	439	436	434	864	873
Wheatley HS	165	240	346	341	372	354	718	695
Wisdom HS	264	439	356	361	382	375	738	736
Worthing HS	198	194	338	345	356	345	694	690
Yates HS	214	245	344	356	346	360	690	717
YWCPA	82	75	443	466	431	424	873	890
HISD Grade 9 Total	13,307	13,113	398	409	408	411	806	820
Texas	N/A	87,316	424	425	426	428	850	854
Nation	N/A	546,307	436	438	429	431	865	870

Source: HISD PSAT/NMSQT Report, 2015–2016; Chancery extract, 10/24/2016; 2016 College Board PSAT 8/9 data file; College Board SAT suite of Assessments K–12 online score portal accessed on 1/6/2017

Note: The number of students tested for Texas and the Nation was not available for 2015.

*Scores not reported for less than 5 students. A “-” denotes no test data for the campus.

Appendix B-3

PSAT 8/9 College and Career Readiness Benchmarks for Grade 8 by Campus, 2015 and 2016								
Campus	N Tested		% Met ERW		% Met Math		% Met Both	
	2015	2016	2015	2016	2015	2016	2015	2016
Attucks MS	150	154	18.0	26.6	15.3	19.5	6.7	8.4
Baylor College MS	208	198	88.9	85.4	70.2	56.1	64.9	54.0
Beechnut Acad	26	16	3.8	6.3	3.8	12.5	0.0	0.0
Black MS	301	292	51.2	53.1	37.9	31.8	32.9	28.1
Briar meadow	41	44	92.7	97.7	97.6	84.1	90.2	81.8
Burbank MS	425	423	49.9	57.2	48.7	49.4	35.3	40.9
Chrysalis MS	68	93	83.8	82.8	77.9	73.1	70.6	66.7
Clifton MS	270	231	34.4	48.9	30.0	29.4	18.9	24.2
Cullen MS	176	135	20.5	21.5	11.4	8.9	5.1	5.9
Deady MS	234	185	32.5	31.9	20.9	23.2	14.1	16.2
Edison MS	229	209	27.9	29.7	14.8	13.9	12.2	9.1
Energized MS	130	120	34.6	46.7	31.5	42.5	23.8	32.5
E-STEM Central MS	37	81	0.0	17.3	2.7	6.2	0.0	6.2
E-STEM West MS	101	80	44.6	60.0	33.7	58.8	26.7	43.8
Fleming MS	153	157	28.1	31.8	15.0	15.9	8.5	9.6
Fondren MS	230	0	26.1	-	18.7	-	10.4	-
Forville MS	292	321	17.1	25.9	8.6	17.1	4.5	10.6
Garden Oaks ES	0	32	-	75.0	-	46.9	-	43.8
Grady MS	181	201	64.1	59.7	29.3	36.8	27.1	32.8
Gregory-Lincoln PK-8	89	81	23.6	42.0	10.1	18.5	6.7	16.0
Hamilton MS	392	383	53.6	58.2	32.4	28.2	27.8	25.8
Hartman MS	424	434	43.2	45.2	34.2	29.7	25.2	23.7
Henry MS	0	258	-	23.6	-	10.5	-	8.9
Hogg MS	202	222	33.2	52.3	19.3	30.2	13.9	27.9
Holland MS	207	207	25.6	34.8	15.5	20.3	9.7	14.0
Inspired Acad	35	45	14.3	15.6	2.9	2.2	2.9	0.0
Key MS	204	196	26.0	18.4	7.8	11.7	3.9	6.6
Lanier MS	432	470	90.0	89.1	77.5	76.2	75.9	73.2
Lawson MS	269	308	18.6	19.5	16.7	14.3	7.4	8.4
Leland YMCPA	79	98	70.9	74.5	53.2	46.9	45.6	44.9
Long Acad	271	249	18.8	28.1	19.2	18.1	10.7	11.2
Marshall MS	271	265	30.3	25.7	26.9	20.0	16.2	13.2
McReynolds MS	0	160	-	32.5	-	29.4	-	19.4
Meyerland MS	516	575	66.3	64.2	44.0	35.3	35.7	32.9
Navarro MS	243	277	30.0	24.2	24.3	14.4	17.3	7.9
Ortiz MS	323	305	35.3	35.1	31.6	27.5	22.6	19.7
Pershing MS	466	485	60.7	67.6	41.8	45.8	37.1	41.0
Pilgrim Acad.	87	98	25.3	30.6	26.4	14.3	11.5	13.3
Pin Oak MS	389	387	91.3	85.5	78.4	72.4	76.9	69.3
Reagan Ed Ctr	118	127	27.1	23.6	18.6	7.1	15.3	3.9
Revere MS	374	365	46.3	47.4	29.7	27.1	23.0	22.2
Rice School	145	149	62.8	73.2	37.2	52.3	28.3	50.3
Rogers, TH MS	125	130	100.0	99.2	100.0	97.7	100.0	96.9
Rusk School	54	55	40.7	78.2	27.8	60.0	14.8	54.5
Sharpstown Intl	155	161	71.0	54.0	52.3	50.9	42.6	37.3
Stevenson MS	451	420	46.8	56.0	41.2	37.4	33.5	34.5
Sugar Grove MS	263	252	19.8	16.3	18.3	9.5	8.4	4.4
Thomas MS	131	136	22.9	21.3	13.7	7.4	6.9	2.9
Welch MS	265	253	23.4	23.7	19.6	12.6	11.7	8.3
West Briar MS	322	318	68.3	63.5	54.7	38.7	48.8	34.9
Wharton Dual Lang.	20	18	95.0	100.0	90.0	88.9	85.0	88.9
Williams MS	100	96	38.0	32.3	24.0	21.9	15.0	12.5
Wilson Mont.	28	22	82.1	68.2	42.9	45.5	42.9	36.4
Wisdom HS	0	1	-	*	-	*	-	*
Woodson School	84	77	31.0	24.7	20.2	7.8	14.3	5.2
Young Scholars	10	5	20.0	40.0	30.0	0.0	20.0	0.0
YWCPA	111	110	80.2	82.7	19.8	34.5	17.1	31.8
HISD Grade 8 Total	10,907	11,170	46.2	48.5	34.8	33.0	28.1	28.1

Source: HISD PSAT/NMSQT Report, 2015–2016; Chancery extract, 10/24/2016; 2016 College Board PSAT 8/9 data file

Note: The College Board did not report students meeting the Final CCR Benchmarks in 2015 for Texas and the Nation. One student attending Wisdom HS self-reported being in eighth grade. CCR Benchmarks used: ERW \geq 390 and Math \geq 430.

*Scores not reported for less than 5 students. A “-” denotes no test data for the campus.

Appendix B-4

PSAT 8/9 College and Career Readiness Benchmarks for Freshmen by Campus, 2015 and 2016								
Campus	N Tested		% Met ERW		% Met Math		% Met Both	
	2015	2016	2015	2016	2015	2016	2015	2016
Austin HS	591	521	21.5	20.7	12.9	14.6	7.6	8.6
Beechnut Acad	60	43	5.0	11.6	3.3	7.0	0.0	4.7
Bellaire HS	881	862	61.6	66.6	47.6	54.1	42.3	48.6
Carnegie HS	178	183	99.4	98.9	95.5	97.8	95.5	96.7
Challenge ECHS	110	126	87.3	84.9	88.2	69.8	78.2	64.3
Chavez HS	889	908	33.2	42.2	27.0	30.6	19.6	24.2
DeBakey HS	246	276	99.6	96.0	99.2	92.8	98.8	90.2
East ECHS	120	144	88.3	84.7	81.7	78.5	75.0	69.4
Eastwood Acad	111	105	77.5	86.7	76.6	79.0	63.1	72.4
Energy Inst HS	241	195	56.4	60.5	47.7	47.7	38.2	38.5
E-STEM Central HS	64	54	29.7	29.6	15.6	20.4	12.5	13.0
E-STEM Central MS	0	1	-	*	-	*	-	*
E-STEM West HS	68	78	39.7	35.9	38.2	26.9	25.0	15.4
Furr HS	241	268	25.3	29.9	20.3	21.3	13.3	14.6
Heights HS	668	676	46.7	55.5	27.5	34.2	22.5	29.1
Hou Acad. Intl.	115	140	89.6	83.6	53.0	62.1	50.4	60.0
Houston MSTC HS	759	764	18.1	20.2	13.6	14.4	7.1	8.9
HS for Law & Justice	100	158	70.0	65.8	31.0	34.8	24.0	28.5
HS Perf. Vis. Arts	185	202	93.5	93.1	73.5	79.7	72.4	77.2
Jones HS	116	113	37.9	37.2	44.0	36.3	25.9	22.1
Kashmere HS	173	193	12.7	11.9	12.1	8.8	5.8	4.7
Lamar HS	924	892	64.4	70.0	42.6	49.3	39.0	44.6
Leland YMCPA	59	57	57.6	77.2	57.6	75.4	47.5	63.2
Long Acad	70	62	50.0	64.5	42.9	51.6	24.3	43.5
Madison HS	525	484	20.2	16.7	8.0	11.2	5.0	7.0
Mid Coll - Fraga	21	26	9.5	46.2	4.8	15.4	0.0	11.5
Mid Coll - Gulfon	22	33	18.2	9.1	9.1	3.0	9.1	3.0
Milby HS	296	291	20.9	36.8	19.3	24.1	10.1	19.9
Mount Carmel Acad.	89	93	50.6	57.0	23.6	34.4	22.5	25.8
N. Houston ECHS	123	118	79.7	81.4	77.2	67.8	68.3	61.9
North Forest HS	283	261	11.3	18.4	7.8	11.1	4.6	6.1
Northside HS	471	390	28.5	39.2	16.3	22.3	10.6	17.2
Scarborough HS	215	205	23.3	27.3	11.6	20.5	9.3	12.2
Sharpstown HS	487	492	14.6	20.9	8.8	13.8	5.1	9.1
Sharpstown Intl	172	153	62.2	75.2	62.8	77.1	48.8	64.1
South ECHS	73	138	50.7	46.4	38.4	34.1	32.9	26.1
Sterling HS	376	351	17.6	21.4	7.4	13.7	5.6	8.3
Tx Conn. Acad.	6	0	66.7	-	50.0	-	50.0	-
Waltrip HS	491	442	34.6	41.4	26.1	27.1	17.5	20.1
Washington HS	213	167	16.4	27.5	8.9	14.4	5.2	9.0
Westbury HS	679	502	21.4	29.5	7.1	16.1	4.6	11.2
Westside HS	873	753	55.4	61.4	44.1	45.2	38.7	40.4
Wheatley HS	165	240	12.7	15.0	14.5	8.3	6.1	5.0
Wisdom HS	264	439	18.9	19.4	18.9	16.6	11.0	9.6
Worthing HS	198	194	7.6	18.0	6.1	6.7	3.5	3.6
Yates HS	214	245	13.6	19.2	5.6	11.0	3.7	7.8
YWCPA	82	75	69.5	80.0	46.3	34.7	39.0	33.3
HISD Grade 9 Total	13,307	13,113	39.6	44.7	29.6	33.1	24.2	27.6

Source: HISD PSAT/NMSQT Report, 2015–2016; Chancery extract, 10/24/2016; 2016 College Board PSAT 8/9 data file

Note: The College Board did not report students meeting the Final CCR Benchmarks in 2015 for Texas and the Nation. CCR Benchmarks used: ERW ≥ 410 and Math ≥ 450 .

*Scores not reported for less than 5 students. A “-” denotes no test data for the campus.

Appendix B-5

PSAT 8/9 Performance for Eighth and Ninth Grade by Board District and Campus, 2015 and 2016										
Board Dist.	Campus	2015 N Tested	2016 N Tested	Change from 2015	2015 Mean Total	2016 Mean Total	Change from 2015	2015 Met Both CCR	2016 Met Both CCR	Change from 2015
District I	Burbank MS	425	423	-2	810	838	29	35.3	40.9	5.6
District I	Clifton MS	270	231	-39	758	790	32	18.9	24.2	5.4
District I	Fonville MS	292	321	29	694	730	37	4.5	10.6	6.1
District I	Garden Oaks ES	0	32	32	-	871	N/A	-	43.8	N/A
District I	Hamilton MS	392	383	-9	787	797	10	27.8	25.8	-2.0
District I	Heights HS	668	676	8	817	836	18	22.5	29.1	6.7
District I	Hogg MS	202	222	20	740	795	55	13.9	27.9	14.1
District I	Houston MSTC HS	759	764	5	731	736	5	7.1	8.9	1.8
District I	Marshall MS	271	265	-6	747	735	-12	16.2	13.2	-3.0
District I	N. Houston ECHS	123	118	-5	948	931	-17	68.3	61.9	-6.4
District I	Northside HS	471	390	-81	760	791	31	10.6	17.2	6.6
District I	Scarborough HS	215	205	-10	744	755	11	9.3	12.2	2.9
District I	Waltrip HS	491	442	-49	785	798	13	17.5	20.1	2.6
District II	Black MS	301	292	-9	807	810	3	32.9	28.1	-4.8
District II	Fleming MS	153	157	4	727	739	12	8.5	9.6	1.1
District II	Henry MS	0	258	258	-	722	N/A	-	8.9	N/A
District II	Holland MS	207	207	0	717	753	36	9.7	14.0	4.3
District II	Kashmere HS	173	193	20	739	700	-39	5.8	4.7	-1.1
District II	Key MS	204	196	-8	709	694	-15	3.9	6.6	2.7
District II	Leland YMCPA	138	155	17	874	892	18	46.4	51.6	5.2
District II	North Forest HS	283	261	-22	701	713	12	4.6	6.1	1.5
District II	Washington HS	213	167	-46	709	771	62	5.2	9.0	3.8
District II	Wheatley HS	165	240	75	718	695	-23	6.1	5.0	-1.1
District II	Williams MS	100	96	-4	747	742	-6	15.0	12.5	-2.5
District III	Chavez HS	889	908	19	784	805	20	19.6	24.2	4.7
District III	Deady MS	234	185	-49	733	743	10	14.1	16.2	2.1
District III	Hartman MS	424	434	10	777	772	-4	25.2	23.7	-1.5
District III	Milby HS	296	291	-5	736	781	45	10.1	19.9	9.8
District III	Mount Carmel Acad.	89	93	4	817	848	31	22.5	25.8	3.3
District III	Ortiz MS	323	305	-18	757	759	2	22.6	19.7	-2.9
District III	Stevenson MS	451	420	-31	797	814	18	33.5	34.5	1.0
District IV	Attucks MS	150	154	4	686	713	27	6.7	8.4	1.8
District IV	Baylor College MS	208	198	-10	927	913	-14	64.9	54.0	-10.9
District IV	Cullen MS	176	135	-41	708	685	-23	5.1	5.9	0.8
District IV	DeBakey HS	246	276	30	1145	1080	-65	98.8	90.2	-8.6
District IV	Hou Acad. Intl.	115	140	25	923	938	15	50.4	60.0	9.6
District IV	Inspired Acad	35	45	10	685	660	-25	2.9	0.0	-2.9
District IV	Jones HS	116	113	-3	831	807	-24	25.9	22.1	-3.7
District IV	Lanier MS	432	470	38	980	992	12	75.9	73.2	-2.7
District IV	Sterling HS	376	351	-25	710	719	9	5.6	8.3	2.7
District IV	Thomas MS	131	136	5	709	708	-1	6.9	2.9	-3.9
District IV	Yates HS	214	245	31	690	717	27	3.7	7.8	4.0
District IV	YWCPA	193	185	-8	846	870	24	26.4	32.4	6.0
District V	Beechnut Acad	86	59	-27	663	670	7	0.0	3.4	3.4
District V	Bellaire HS	881	862	-19	900	929	30	42.3	48.6	6.3
District V	Challenge ECHS	110	126	16	985	944	-41	78.2	64.3	-13.9
District V	Energized MS	130	120	-10	776	816	40	23.8	32.5	8.7
District V	E-STEM Central HS	64	54	-10	750	786	35	12.5	13.0	0.5
District V	E-STEM Central MS	37	82	45	673	685	13	0.0	6.1	6.1
District V	E-STEM West HS	68	78	10	827	797	-29	25.0	15.4	-9.6
District V	E-STEM West MS	101	80	-21	785	863	78	26.7	43.8	17.0
District V	Fondren MS	230	0	-230	720	-	N/A	10.4	-	N/A
District V	HS Perf. Vis. Arts	185	202	17	1034	1054	20	72.4	77.2	4.8
District V	Long Acad	341	311	-30	734	759	25	13.5	17.7	4.2
District V	Meyerland MS	516	575	59	836	831	-5	35.7	32.9	-2.8
District V	Pershing MS	466	485	19	827	861	34	37.1	41.0	3.9
District V	Pin Oak MS	389	387	-2	977	970	-7	76.9	69.3	-7.6
District V	Rice School	145	149	4	814	868	53	28.3	50.3	22.1
District VI	Revere MS	374	365	-9	781	788	7	23.0	22.2	-0.8
District VI	Sharpstown HS	487	492	5	709	725	16	5.1	9.1	4.0
District VI	Sharpstown Intl	327	314	-13	870	887	17	45.9	50.3	4.4
District VI	Sugar Grove MS	263	252	-11	698	694	-4	8.4	4.4	-4.0
District VI	West Briar MS	322	318	-4	865	837	-28	48.8	34.9	-13.9
District VI	Westside HS	873	753	-120	864	873	9	38.7	40.4	1.7

Appendix B-5 (Continued)

PSAT 8/9 Performance for Eighth and Ninth Grade by Board District and Campus, 2015 and 2016											
Board Dist.	Campus	2015 N Tested	2016 N Tested	Change from 2015	2015 Mean Total	2016 Mean Total	Change from 2015	2015 Met Both CCR	2016 Met Both CCR	Change from 2015	
District VII	Briar Meadow	41	44		3	958		3	90.2	81.8	-8.4
District VII	Grady MS	181	201		20	814		5	27.1	32.8	5.8
District VII	Lamar HS	924	892		-32	882		17	39.0	44.6	5.7
District VII	Mid Coll - Gulfton	22	33		11	718		-29	9.1	3.0	-6.1
District VII	Pilgrim Acad.	87	98		11	754		-23	11.5	13.3	1.8
District VII	Rogers, TH MS	125	130		5	1138		-14	100.0	96.9	-3.1
District VII	Wilson Mont.	28	22		-6	885		3	42.9	36.4	-6.5
District VII	Wisdom HS	264	440		176	738		-4	11.0	9.5	-1.4
District VIII	Austin HS	591	521		-70	732		8	7.6	8.6	1.0
District VIII	Carnegie HS	178	183		5	1134		4	95.5	96.7	1.2
District VIII	Chrysalis MS	68	93		25	897		23	70.6	66.7	-3.9
District VIII	East ECHS	120	144		24	972		-12	75.0	69.4	-5.6
District VIII	Eastwood Acad	111	105		-6	937		20	63.1	72.4	9.3
District VIII	Edison MS	229	209		-20	722		11	12.2	9.1	-3.1
District VIII	Energy Inst HS	241	195		-46	870		15	38.2	38.5	0.3
District VIII	Furr HS	241	268		27	761		15	13.3	14.6	1.3
District VIII	Gregory-Lincoln PK-8	89	81		-8	696		58	6.7	16.0	9.3
District VIII	HS for Law & Justice	100	158		58	860		3	24.0	28.5	4.5
District VIII	McReynolds MS	0	160		160	-	N/A	N/A	-	19.4	N/A
District VIII	Mid Coll - Fraga	21	26		5	688		112	0.0	11.5	11.5
District VIII	Navarro MS	243	277		34	743		-15	17.3	7.9	-9.3
District VIII	Rusk School	54	55		1	774		116	14.8	54.5	39.7
District VIII	Tx Conn. Acad.	6	0		-6	900		N/A	50.0	-	N/A
District VIII	Wharton Dual Lang.	20	18		-2	999		7	85.0	88.9	3.9
District VIII	Young Scholars	10	5		-5	728		40	20.0	0.0	-20.0
District IX	Lawson MS	269	308		39	723		-14	7.4	8.4	1.0
District IX	Madison HS	525	484		-41	722		-1	5.0	7.0	2.1
District IX	Reagan Ed Ctr	118	127		9	728		-25	15.3	3.9	-11.3
District IX	South ECHS	73	138		65	837		-20	32.9	26.1	-6.8
District IX	Welch MS	265	253		-12	727		-17	11.7	8.3	-3.4
District IX	Westbury HS	679	502		-177	719		36	4.6	11.2	6.6
District IX	Woodson School	84	77		-7	735		-21	14.3	5.2	-9.1
District IX	Worthing HS	198	194		-4	694		-5	3.5	3.6	0.1
	HISD Totals	24,214	24,283		69	799		12	26.0	27.9	1.9

Source: HISD PSAT/NMSQT Report, 2015–2016; College Board; Source: Chancery extract on October 24, 2016;
College Board Fall 2016 PSAT 8/9 data file

Note: The College Board did not report students meeting the Final CCR Benchmarks in 2015 for Texas and the Nation. CCR Benchmarks used for grade 8: ERW ≥ 390 and Math ≥ 430 and CCR Benchmarks used for grade 9: ERW ≥ 410 and Math ≥ 450 .

*Scores not reported for less than 5 students. A “-” denotes no test data for the campus.

Appendix B-6

PSAT/NMSQT Performance for Sophomores and Juniors by Board District and Campus, 2015 and 2016										
Board Dist.	Campus	2015 N Tested	2016 N Tested	Change from 2015	2015 Mean Total	2016 Mean Total	Change from 2015	2015 Met Both CCR	2016 Met Both CCR [±]	Change from 2015
District I	Heights HS	1,044	1,084	40	881	897	16	18.2	22.5	4.3
District I	Houston MSTC HS	1,109	1,206	97	791	800	9	4.4	4.4	0.0
District I	N. Houston ECHS	235	229	-6	967	1013	45	39.6	59.8	20.3
District I	Northside HS	715	663	-52	822	828	5	8.4	10.3	1.9
District I	Scarborough HS	355	331	-24	793	821	27	5.1	8.2	3.1
District I	Waltrip HS	722	718	-4	852	864	12	15.3	17.7	2.4
District II	Jordan HS	307	155	-152	811	835	24	7.6	10.3	2.8
District II	Kashmere HS	1	249	248	*	774	*	N/A	5.6	N/A
District II	Leland YMCPA	65	83	18	932	1002	70	32.3	55.4	23.1
District II	North Forest HS	389	379	-10	734	744	10	1.8	1.3	-0.5
District II	Washington HS	283	313	30	783	772	-11	7.4	3.2	-4.2
District II	Wheatley HS	251	314	63	760	740	-21	2.4	2.5	0.1
District III	Chavez HS	1,272	1,257	-15	849	883	35	16.3	25.5	9.2
District III	Milby HS	615	464	-151	799	802	2	4.3	7.3	3.0
District III	Mount Carmel Acad.	168	183	15	920	931	11	34.5	32.2	-2.3
District IV	DeBaKey HS	407	405	-2	1254	1283	30	98.5	99.5	1.0
District IV	Hou Acad. Intl.	209	243	34	960	1001	40	35.4	46.9	11.5
District IV	Jones HS	121	210	89	852	883	31	20.7	22.9	2.2
District IV	Sterling HS	409	429	20	767	777	10	2.9	5.6	2.7
District IV	Yates HS	298	296	-2	761	770	9	1.9	3.7	1.8
District IV	YWCPA	93	104	11	944	962	18	33.3	29.8	-3.5
District V	Beechnut Acad	44	22	-22	776	806	30	4.8	9.1	4.3
District V	Bellaire HS	1,494	1,378	-116	1021	1037	16	48.5	52.4	3.9
District V	Challenge ECHS	242	236	-6	1025	1066	42	59.5	66.9	7.4
District V	E-STEM Central HS	35	72	37	798	814	16	2.8	5.6	2.8
District V	E-STEM West HS	189	147	-42	832	864	33	12.3	19.0	6.7
District V	HS Perf. Vis. Arts	378	379	1	1132	1146	15	73.0	81.0	8.0
District V	Long Acad	118	109	-9	850	892	42	15.3	20.2	4.9
District VI	Sharpstown HS	648	608	-40	781	799	18	4.7	7.2	2.5
District VI	Sharpstown Intl	258	289	31	890	946	56	24.8	39.1	14.3
District VI	Westside HS	1,302	1,325	23	947	972	25	35.4	41.7	6.3
District VII	Lamar HS	1,527	1,576	49	930	959	28	30.1	35.8	5.6
District VII	Mid Coll - Gulton	45	48	3	735	740	6	2.4	0.0	-2.4
District VII	Wisdom HS	516	747	231	795	777	-18	5.1	4.8	-0.3
District VIII	Austin HS	792	823	31	808	815	7	6.8	8.1	1.3
District VIII	Carnegie HS	288	321	33	1250	1258	8	97.9	98.4	0.5
District VIII	East ECHS	220	238	18	988	1021	33	47.7	60.9	13.2
District VIII	Eastwood Acad	217	212	-5	1018	1033	15	58.1	63.7	5.6
District VIII	Energy Inst HS	318	355	37	935	967	32	30.2	43.7	13.5
District VIII	Furr HS	417	397	-20	803	822	19	7.3	8.6	1.2
District VIII	HS for Law & Justice	170	177	7	907	899	-8	22.2	17.5	-4.7
District VIII	Mid Coll - Fraga	62	55	-7	791	793	2	6.5	1.8	-4.6
District VIII	Reach HS	37	8	-29	686	779	93	0.0	0.0	0.0
District VIII	Tx Conn. Acad.	107	77	-30	1067	1066	-1	53.3	57.1	3.8
District IX	Madison HS	637	607	-30	790	803	13	5.2	7.2	2.1
District IX	South ECHS	90	141	51	887	901	13	27.8	23.4	-4.4
District IX	Westbury HS	851	853	2	786	810	24	4.7	7.3	2.6
District IX	Worthing HS	225	303	78	723	758	35	1.8	3.3	1.5
	HISD Totals	20,295	20,818	523	880	896	16	24.9	26.1	1.2

Source: HISD PSAT/NMSQT Report, 2015–2016; College Board; Source: Chancery extract on October 24, 2016; College Board Fall 2016 PSAT/NMSQT data file

Note: The College Board did not report students meeting the Final CCR Benchmarks in 2015 for Texas and the Nation. Kashmere High School did not administer the PSAT/NMSQT in fall 2015 so data are missing, except for one sophomore. CCR Benchmarks used for grade 10: ERW \geq 430 and Math \geq 480 and CCR Benchmarks used for grade 11: ERW \geq 460 and Math \geq 510.

*Scores not reported for less than 5 students. A “-” denotes no test data for the campus.

± 2016 Met Both CCR Benchmarks was corrected and updated on 9/27/2017.

Appendix B-7

PSAT/NMSQT Mean Scores for Sophomores by Campus, 2015 and 2016								
Campus	N Tested		Mean ERW		Mean Math		Mean Total	
	2015	2016	2015	2016	2015	2016	2015	2016
Austin HS	463	474	382	383	417	407	800	790
Beechnut Acad	30	16	385	406	405	403	790	809
Bellaire HS	796	709	492	505	494	495	987	1000
Carnegie HS	155	171	603	615	614	599	1217	1213
Challenge ECHS	133	112	515	529	489	499	1004	1028
Chavez HS	710	693	409	423	434	438	843	861
DeBakey HS	235	215	599	621	612	627	1210	1249
East ECHS	111	131	470	504	480	506	950	1010
Eastwood Acad	108	105	488	500	503	504	991	1004
Energy Inst HS	170	201	455	469	461	473	916	942
E-STEM Central HS	24	48	393	385	413	426	806	812
E-STEM West HS	109	62	398	400	428	436	826	836
Furr HS	241	200	390	399	417	417	807	815
Heights HS	547	580	431	437	426	434	857	871
Hou Acad. Intl.	124	128	492	495	481	473	973	968
Houston MSTC HS	602	651	379	385	406	398	784	783
HS for Law & Justice	85	100	425	442	425	432	850	874
HS Perf. Vis. Arts	206	186	562	578	534	537	1097	1115
Jones HS	113	114	406	425	442	462	849	887
Jordan HS	152	15	391	349	416	383	807	731
Kashmere HS	1	159	*	371	*	386	*	757
Lamar HS	861	810	463	480	448	453	911	932
Leland YMCPA	54	50	459	494	460	490	919	984
Long Acad	66	62	401	423	434	445	835	868
Madison HS	348	350	376	388	406	401	781	790
Mid Coll - Fraga	38	21	398	373	406	390	804	763
Mid Coll - Gulfon	28	28	352	365	381	371	733	736
Milby HS	255	286	373	383	394	403	767	786
Mount Carmel Acad.	87	98	457	449	452	446	909	895
N. Houston ECHS	122	119	454	505	488	500	942	1006
North Forest HS	231	190	357	371	372	374	728	746
Northside HS	353	362	390	398	409	403	799	801
Scarborough HS	204	165	381	391	402	416	784	807
Sharpstown HS	379	291	377	375	393	392	769	767
Sharpstown Intl	126	170	417	471	443	485	860	957
South ECHS	63	83	430	436	439	439	869	875
Sterling HS	210	229	363	376	378	388	741	764
Tx Conn. Acad.	36	25	515	552	480	510	995	1062
Waltrip HS	373	399	408	415	428	432	836	847
Washington HS	169	170	373	375	396	371	769	746
Westbury HS	451	462	382	390	390	401	772	791
Westside HS	683	724	459	475	462	473	921	947
Wheatley HS	145	197	369	370	374	371	743	741
Wisdom HS	246	393	376	373	410	386	786	759
Worthing HS	112	158	362	368	367	369	729	738
Yates HS	141	157	363	387	373	385	735	772
YWCPA	57	56	476	481	466	437	942	917
HISD Grade 10 Total	10,953	11,125	426	435	437	438	863	873
Texas	N/A	256,178	448	452	448	456	895	908
Nation	N/A	1,862,539	468	472	464	466	932	938

Source: HISD PSAT/NMSQT Report, 2015–2016; College Board; Source: Chancery extract on October 24, 2016; College Board Fall 2016 PSAT/NMSQT data file; College Board SAT suite of Assessments K–12 online score portal accessed on 1/6/2017

Note: The number of students tested for Texas and the Nation was not available for 2015. Kashmere High School did not administer the PSAT/NMSQT in fall 2015 so data are missing, except for one sophomore.

*Scores not reported for less than 5 students. A “-” denotes no test data for the campus.

Appendix B-8

PSAT/NMSQT Mean Scores for Juniors by Campus, 2015 and 2016								
Campus	N Tested		Mean ERW		Mean Math		Mean Total	
	2015	2016	2015	2016	2015	2016	2015	2016
Austin HS	329	349	394	411	426	439	820	850
Beechnut Acad	14	6	377	398	369	398	746	797
Bellaire HS	698	669	528	537	532	539	1060	1076
Carnegie HS	133	150	638	651	650	657	1288	1309
Challenge ECHS	109	124	531	564	519	538	1050	1101
Chavez HS	562	564	423	449	433	462	856	911
DeBakey HS	172	190	640	650	673	672	1313	1322
East ECHS	109	107	511	516	517	519	1027	1034
Eastwood Acad	109	107	507	528	538	534	1045	1062
Energy Inst HS	148	154	476	503	481	497	957	1000
E-STEM Central HS	11	24	388	417	394	402	782	819
E-STEM West HS	80	85	426	433	414	452	840	885
Furr HS	176	197	387	410	410	419	797	829
Heights HS	497	504	448	457	460	470	908	928
Hou Acad. Intl.	85	115	478	525	464	513	942	1038
Houston MSTC HS	507	555	388	409	411	411	799	821
HS for Law & Justice	85	77	484	471	480	460	964	931
HS Perf. Vis. Arts	172	193	606	608	568	568	1174	1177
Jones HS	8	96	439	424	458	454	896	878
Jordan HS	155	140	398	418	416	428	814	846
Kashmere HS	0	90	-	399	-	404	-	803
Lamar HS	666	766	483	497	472	490	955	986
Leland YMCPA	11	33	503	522	495	508	998	1029
Long Acad	52	47	417	464	452	459	869	924
Madison HS	289	257	387	397	413	424	801	821
Mid Coll - Fraga	24	34	371	399	398	412	769	811
Mid Coll - Gulfon	17	20	359	370	379	377	738	746
Milby HS	360	178	401	406	422	421	822	827
Mount Carmel Acad.	81	85	452	485	481	488	933	973
N. Houston ECHS	113	110	487	510	508	511	995	1021
North Forest HS	158	189	364	372	378	371	742	743
Northside HS	362	301	413	424	432	436	845	860
Reach HS	37	8	342	395	344	384	686	779
Scarborough HS	151	166	398	414	409	419	807	834
Sharpstown HS	269	317	388	404	408	423	797	828
Sharpstown Intl	132	119	442	455	478	475	920	930
South ECHS	27	58	457	472	472	465	929	937
Sterling HS	199	200	396	389	399	403	795	791
Tx Conn. Acad.	71	52	573	550	531	517	1103	1068
Waltrip HS	349	319	428	437	440	447	869	884
Washington HS	114	143	392	390	412	413	804	803
Westbury HS	400	391	403	414	399	418	802	832
Westside HS	619	601	488	501	487	501	976	1002
Wheatley HS	106	117	377	372	407	367	784	738
Wisdom HS	270	354	385	391	417	407	803	798
Worthing HS	113	145	347	386	370	393	717	779
Yates HS	157	139	393	380	391	388	784	768
YWCPA	36	48	474	517	473	497	946	1014
HISD Grade 11 Total	9,342	9,693	445	459	455	464	901	923
Texas	N/A	225,978	476	484	476	487	952	971
Nation	N/A	1,776,187	507	513	502	505	1009	1019

Source: HISD PSAT/NMSQT Report, 2015–2016; College Board; Source: Chancery extract on October 24, 2016; College Board Fall 2016 PSAT/NMSQT data file; College Board SAT suite of Assessments K–12 online score portal accessed on 1/6/2017

Note: The number of students tested for Texas and the Nation was not available for 2015. Kashmere High School did not administer the PSAT/NMSQT in fall 2015 so data are missing, except for one sophomore.

*Scores not reported for less than 5 students. A “-” denotes no test data for the campus.

Appendix B-9

PSAT/NMSQT College and Career Readiness Benchmarks for Sophomores by Campus, 2015 and 2016								
Campus	N Tested		% Met ERW		% Met Math		% Met Both	
	2015	2016	2015	2016	2015	2016	2015	2016
Austin HS	463	474	22.0	23.0	17.7	13.7	8.4	7.0
Bellaire HS	796	709	68.5	72.5	51.9	55.1	46.2	51.9
Northside HS	353	362	26.6	31.5	16.4	10.5	8.2	9.1
Furr HS	241	200	25.7	30.5	17.4	15.5	10.8	11.5
Jones HS	113	114	37.2	43.9	35.4	38.6	22.1	27.2
Kashmere HS	1	159	*	17.6	*	9.4	*	5.7
Lamar HS	861	810	61.1	69.0	37.0	36.5	30.5	35.4
Wisdom HS	246	393	17.1	19.6	14.2	7.6	5.7	5.3
Madison HS	348	350	20.4	27.1	13.5	11.1	5.5	8.9
Milby HS	255	286	16.9	25.2	11.0	13.6	3.5	8.4
Heights HS	547	580	48.4	52.2	21.0	24.1	16.5	20.3
Sterling HS	210	229	14.8	20.1	7.6	10.0	3.8	6.1
Waltrip HS	373	399	36.2	42.4	21.4	26.8	15.0	19.3
Washington HS	169	170	19.5	17.6	15.4	2.9	8.9	2.9
Westbury HS	451	462	23.7	28.6	8.9	9.1	6.0	6.5
Wheatley HS	145	197	16.6	13.7	4.1	4.6	2.1	2.5
Worthing HS	112	158	15.2	10.8	5.4	5.7	2.7	3.2
Yates HS	141	157	16.3	21.0	6.4	6.4	1.4	2.5
Sharpstown HS	379	291	19.8	21.0	11.1	10.0	6.1	6.9
Scarborough HS	204	165	23.5	24.8	12.7	13.3	6.4	8.5
HS Perf. Vis. Arts	206	186	93.7	96.2	76.2	82.8	74.3	81.7
DeBaKey HS	235	215	99.1	99.5	98.3	100.0	97.4	99.5
Chavez HS	710	693	36.6	46.0	28.2	31.6	19.3	26.1
Jordan HS	152	15	24.3	6.7	18.4	0.0	9.2	0.0
HS for Law & Justice	85	100	49.4	56.0	18.8	23.0	14.1	18.0
Westside HS	683	724	60.9	66.4	40.3	47.2	35.6	42.5
Long Acad	66	62	36.4	48.4	24.2	29.0	16.7	24.2
Sharpstown Intl	126	170	42.1	72.4	34.9	57.6	21.4	50.6
Tx Conn. Acad.	36	25	86.1	92.0	50.0	64.0	50.0	64.0
Eastwood Acad	108	105	83.3	85.7	67.6	74.3	62.0	66.7
Beechnut Acad	30	16	16.7	25.0	23.3	12.5	6.7	12.5
N. Houston ECHS	122	119	66.4	88.2	63.9	73.1	45.9	68.9
Houston MSTC HS	602	651	18.4	23.0	12.3	7.5	5.6	4.9
Mount Carmel Acad.	87	98	67.8	60.2	43.7	30.6	40.2	27.6
E-STEM Central HS	24	48	25.0	14.6	8.3	12.5	0.0	6.3
Carnegie HS	155	171	100.0	100.0	97.4	97.7	97.4	97.7
Challenge ECHS	133	112	91.0	89.3	65.4	67.0	63.2	66.1
East ECHS	111	131	75.7	84.7	55.9	70.2	45.9	64.9
Hou Acad. Intl.	124	128	81.5	84.4	51.6	44.5	47.6	42.2
E-STEM West HS	109	62	28.4	33.9	24.8	22.6	15.6	14.5
Leland YMCPA	54	50	64.8	84.0	42.6	56.0	33.3	56.0
YWCPA	57	56	80.7	76.8	38.6	17.9	35.1	17.9
Energy Inst HS	170	201	62.4	65.2	43.5	50.7	37.6	45.3
North Forest HS	231	190	10.8	19.5	4.8	4.7	1.7	2.1
Mid Coll - Gulfon	28	28	7.1	10.7	7.1	0.0	0.0	0.0
Mid Coll - Fraga	38	21	18.4	19.0	15.8	4.8	5.3	4.8
South ECHS	63	83	52.4	55.4	34.9	26.5	30.2	22.9
HISD	10,953	11,125	42.7	46.7	29.6	29.6	23.4	26.1

Source: HISD PSAT/NMSQT Report, 2015–2016; Chancery extract, 10/24/2016; 2016 College Board PSAT/NMSQT data file

Note: The College Board did not report students meeting the Final CCR Benchmarks in 2015 for Texas and the Nation. Kashmere High School did not administer the PSAT/NMSQT in fall 2015 so data are missing, except for one sophomore. CCR Benchmarks used for grade 10: ERW \geq 430 and Math \geq 480.

*Scores not reported for less than 5 students. A “-” denotes no test data for the campus.

Appendix B-10

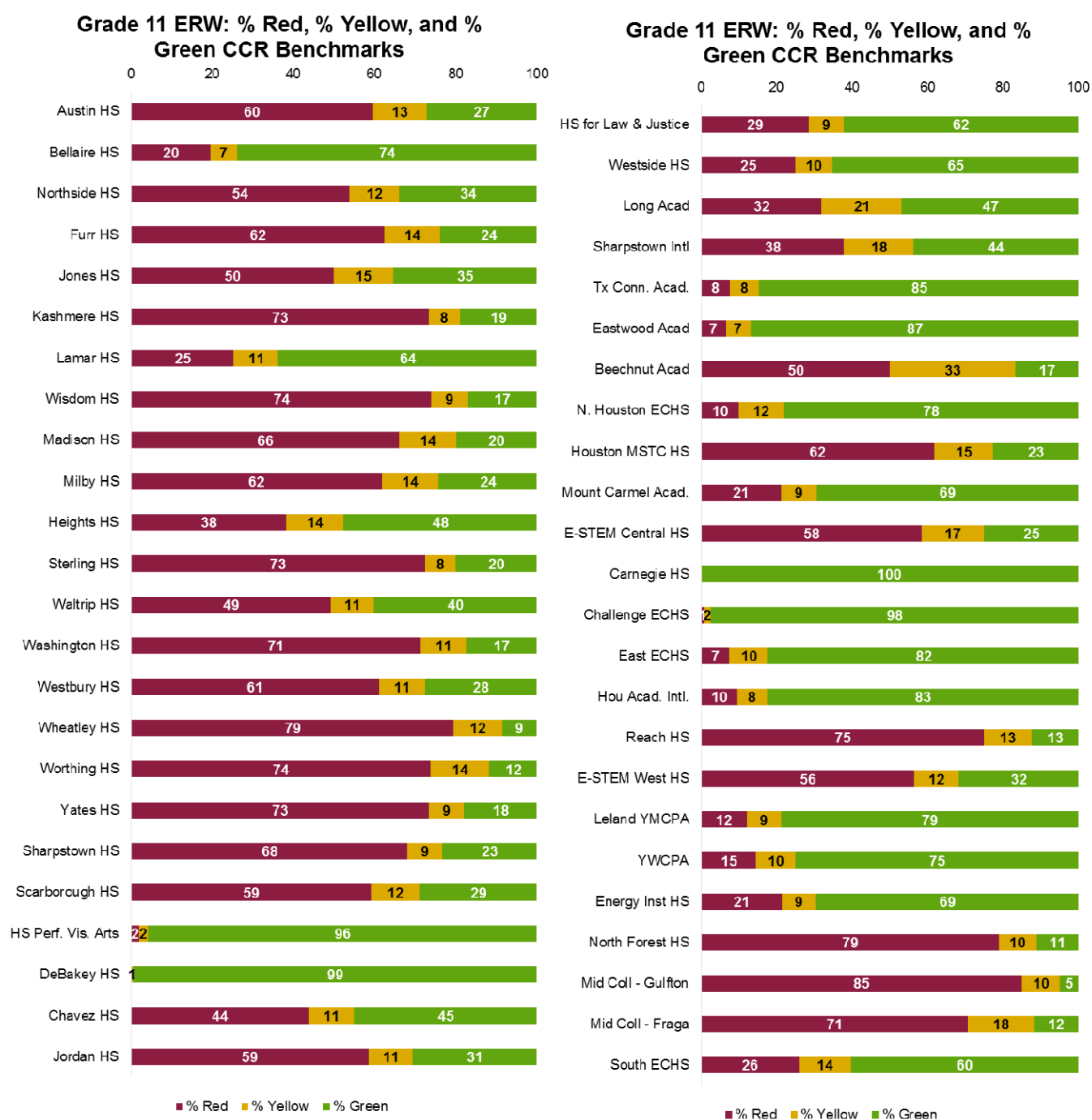
PSAT/NMSQT College and Career Readiness Benchmarks for Juniors by Campus, 2015 and 2016								
Campus	N Tested		% Met ERW		% Met Math		% Met Both	
	2015	2016	2015	2016	2015	2016	2015	2016
Austin HS	329	349	19.1	27.2	10.0	14.3	4.6	9.7
Bellaire HS	698	669	74.2	73.8	54.7	54.7	51.1	52.9
Northside HS	362	301	26.8	33.9	10.8	14.0	8.6	11.6
Furr HS	176	197	17.0	23.9	5.1	8.1	3.4	5.6
Jones HS	8	96	25.0	35.4	12.5	21.9	0.0	17.7
Kashmere HS	0	90	-	18.9	-	8.9	-	5.6
Lamar HS	666	766	59.8	63.7	32.6	41.0	29.4	36.2
Wisdom HS	270	354	14.1	16.9	9.6	5.6	4.4	4.2
Madison HS	289	257	14.5	19.8	6.9	9.7	4.8	5.1
Milby HS	360	178	20.3	24.2	7.2	7.3	5.0	5.6
Heights HS	497	504	44.7	47.6	24.3	31.3	19.9	25.0
Sterling HS	199	200	17.6	20.0	3.5	8.0	2.0	5.0
Waltrip HS	349	319	35.5	40.1	19.2	21.6	15.5	15.7
Washington HS	114	143	22.8	17.5	9.6	7.0	4.4	3.5
Westbury HS	400	391	22.3	27.6	4.3	10.0	3.3	8.2
Wheatley HS	106	117	14.2	8.5	4.7	4.3	2.8	2.6
Worthing HS	113	145	6.2	11.7	0.9	3.4	0.9	3.4
Yates HS	157	139	18.5	18.0	4.5	5.8	2.5	5.0
Sharpstown HS	269	317	16.4	23.3	5.6	11.0	2.6	7.6
Scarborough HS	151	166	17.9	28.9	6.0	10.8	3.3	7.8
HS Perf. Vis. Arts	172	193	95.3	95.9	73.3	81.9	71.5	80.3
DeBaKey HS	172	190	100.0	99.5	100.0	100.0	100.0	99.5
Chavez HS	562	564	31.9	45.0	15.8	28.5	12.5	24.8
Jordan HS	155	140	25.2	30.7	8.4	15.7	6.5	11.4
HS for Law & Justice	85	77	65.9	62.3	34.1	22.1	30.6	16.9
Westside HS	619	601	63.2	65.2	38.4	43.9	35.2	40.6
Long Acad	52	47	26.9	46.8	26.9	21.3	13.5	14.9
Sharpstown Intl	132	119	40.2	43.7	37.9	30.3	28.0	22.7
Tx Conn. Acad.	71	52	90.1	84.6	56.3	57.7	56.3	53.8
Eastwood Acad	109	107	78.0	86.9	63.3	63.6	54.1	60.7
Beechnut Acad	14	6	21.4	16.7	0.0	0.0	0.0	0.0
N. Houston ECHS	113	110	63.7	78.2	46.0	52.7	32.7	50.0
Houston MSTC HS	507	555	17.2	22.7	5.9	4.3	3.2	3.8
Mount Carmel Acad.	81	85	42.0	69.4	37.0	42.4	28.4	37.6
E-STEM Central HS	11	24	9.1	25.0	9.1	8.3	9.1	4.2
Carnegie HS	133	150	99.2	100.0	99.2	99.3	98.5	99.3
Challenge ECHS	109	124	84.4	97.6	58.7	67.7	55.0	67.7
East ECHS	109	107	77.1	82.2	58.7	58.9	49.5	56.1
Hou Acad. Intl.	85	115	57.6	82.6	21.2	54.8	17.6	52.2
Reach HS	37	8	5.4	12.5	0.0	0.0	0.0	0.0
E-STEM West HS	80	85	32.5	31.8	10.0	27.1	7.5	22.4
Leland YMCPA	11	33	72.7	78.8	36.4	54.5	27.3	54.5
YWCPA	36	48	52.8	75.0	33.3	43.8	30.6	43.8
Energy Inst HS	148	154	60.1	69.5	26.4	45.5	21.6	41.6
North Forest HS	158	189	11.4	11.1	1.9	0.5	1.3	0.5
Mid Coll - Gulfon	17	20	11.8	5.0	11.8	0.0	5.9	0.0
Mid Coll - Fraga	24	34	16.7	11.8	8.3	5.9	8.3	0.0
South ECHS	27	58	51.9	60.3	25.9	31.0	22.2	24.1
HISD	9,342	9,693	41.0	46.0	24.8	29.2	21.5	26.1

Source: HISD PSAT/NMSQT Report, 2015–2016; Chancery extract, 10/24/2016; 2016 College Board PSAT/NMSQT data file

Note: The College Board did not report students meeting the Final CCR Benchmarks in 2015 for Texas and the Nation. Kashmere High School did not administer the PSAT/NMSQT in fall 2015 so data are missing, except for one sophomore. CCR Benchmarks used for grade 11: ERW \geq 460 and Math \geq 510.

*Scores not reported for less than 5 students. A “-” denotes no test data for the campus.

Appendix C-1

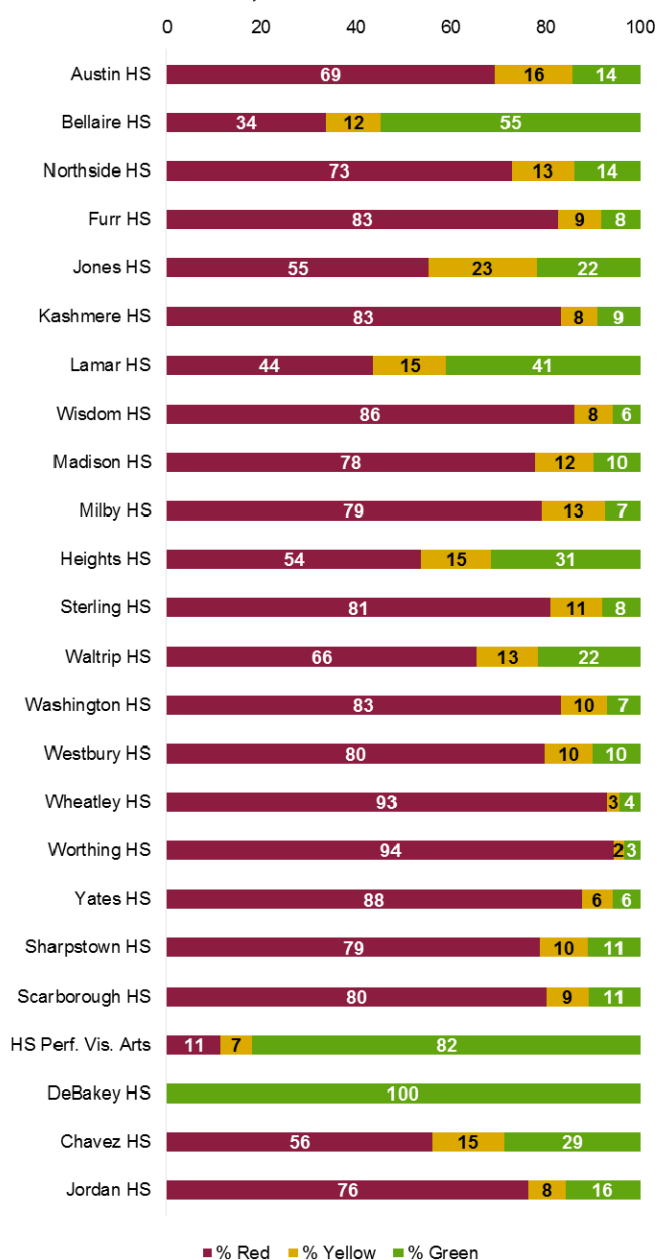


Note: The College Board compares the average performance of all test-takers who met the CCR benchmarks to the average performance of those who did not. Once average growth is determined, students were grouped into one of 3 performance categories based on typical growth in one year.

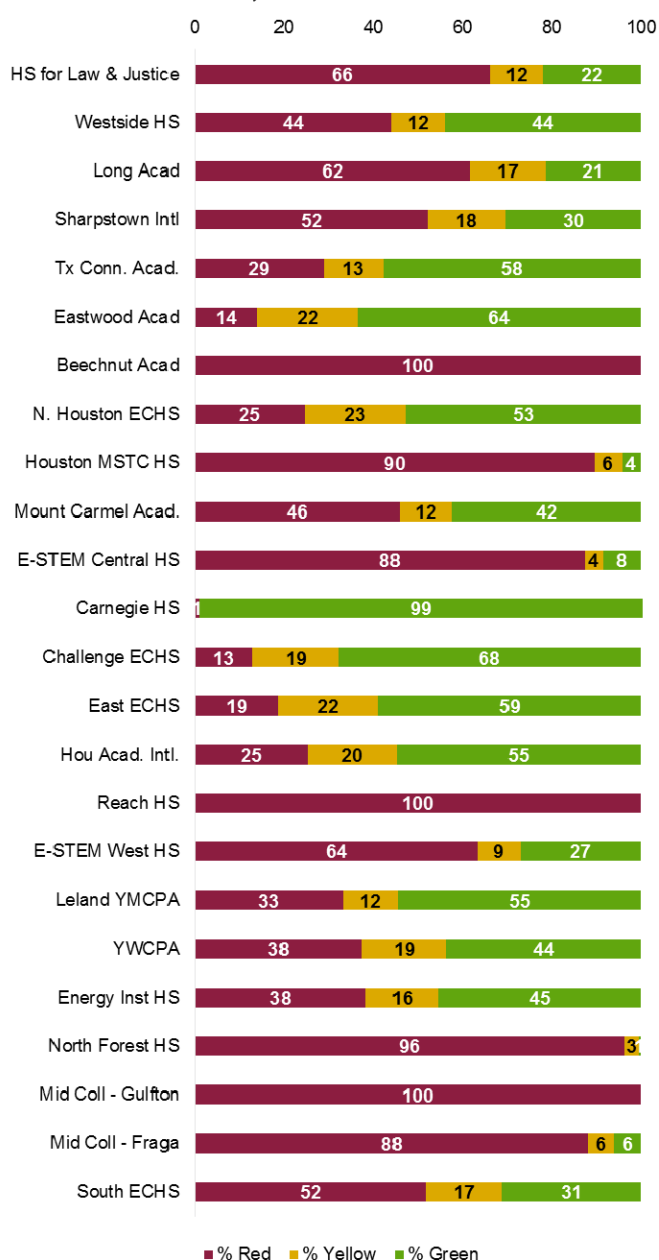
% Red denotes the percentage of scores that are more than one year's growth of meeting the CCR benchmark; **% yellow** denotes the percentage of scores that are within one year's growth of meeting the CCR benchmark; **% green** denotes the percentage of scores that met or exceeded the CCR benchmark

Appendix C-2

Grade 11 Math: 5 Red, % Yellow, and % Green, CCR Benchmarks



Grade 11 Math: 5 Red, % Yellow, and % Green, CCR Benchmarks



Note: The College Board compares the average performance of all test-takers who met the CCR benchmarks to the average performance of those who did not. Once average growth is determined, students were grouped into one of 3 performance categories based on typical growth in one year.

% Red denotes the percentage of scores that are more than one year's growth of meeting the CCR benchmark; **% yellow** denotes the percentage of scores that are within one year's growth of meeting the CCR benchmark; **% green** denotes the percentage of scores that met or exceeded the CCR benchmark