

**MEMORANDUM**

July 13, 2017

TO: Board Members

FROM: Richard A. Carranza  
Superintendent of Schools

SUBJECT: **SAT SCHOOL DAY, SPRING 2017**

CONTACT: Carla Stevens, (713) 556-6700

The SAT School Day results for the April 5, 2017 administration have been released by the College Board and are provided in this report along with last year's data for comparison. The SAT consists of two sections: Evidenced-based reading and writing (ERW) and mathematics. Each subject is scored on a scale from 200 to 800. The highest composite score a student can earn is 1600.

Key findings include:

**SAT School Day Participation**

- 9,601 students or 82.8 percent of juniors participated in SAT School Day 2017. This reflects approximately a one percentage-point **increase** from the participation rate in 2016 (81.9).

**SAT School Day Performance**

- The district's improvement on the mean total score of 19 scale score points **outpaced** both the state at 11 and the nation at 13 scale score points. On the ERW section, the gap between the district and the nation decreased from 33 scale score points in 2016 to 23 scale score points in 2017 and compared to the state, the gap decreased from 6 scale score points in 2016 to 1 scale score point in 2017

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



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Attachment

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

## Fast Facts June 28, 2017: SAT School Day, Spring 2017

This report summarizes the participation and performance of Houston Independent School District (HISD) juniors who participated in the 2017 administration of the SAT School Day offered by the College Board. In March 2016, the College Board redesigned the SAT; the goal of the SAT redesign is to more closely reflect that which is taught in the classroom and assess skills that are the most accurate predictors of college and career readiness and success (The College Board, 2015). The SAT School Day is administered during school hours at district expense so the population of students tested reflects district demographics, particularly the large proportion of HISD students who are economically disadvantaged.

### Key Findings:

- **Table 1** shows that 82.8 percent of HISD juniors (9,601) participated in SAT School Day 2017. This reflects approximately a one percentage-point **increase** from the participation rate in 2016 (81.9).
- National, Texas, and district average SAT scores **increased** from 2016 to 2017 in Evidenced-based Reading and Writing (ERW) and mathematics (**Figure 1**, p. 2).
- The mean SAT scores for HISD juniors were slightly lower than those for Texas and the nation. The mean total score was 953 for HISD juniors, 955 for students in Texas, and 996 for students across the nation who took the same administration (Figure 1, p. 2).
- The district's improvement on the mean total score of 19 scale score points **outpaced** both the state at 11 and the nation at 13 scale score points. On the ERW section, the gap between the district and the nation decreased from 33 scale score points in 2016 to 23 scale score points in 2017 and compared to the state, the gap decreased from 6 scale score points in 2016 to 1 scale score point in 2017 (Figure 1, p. 2).

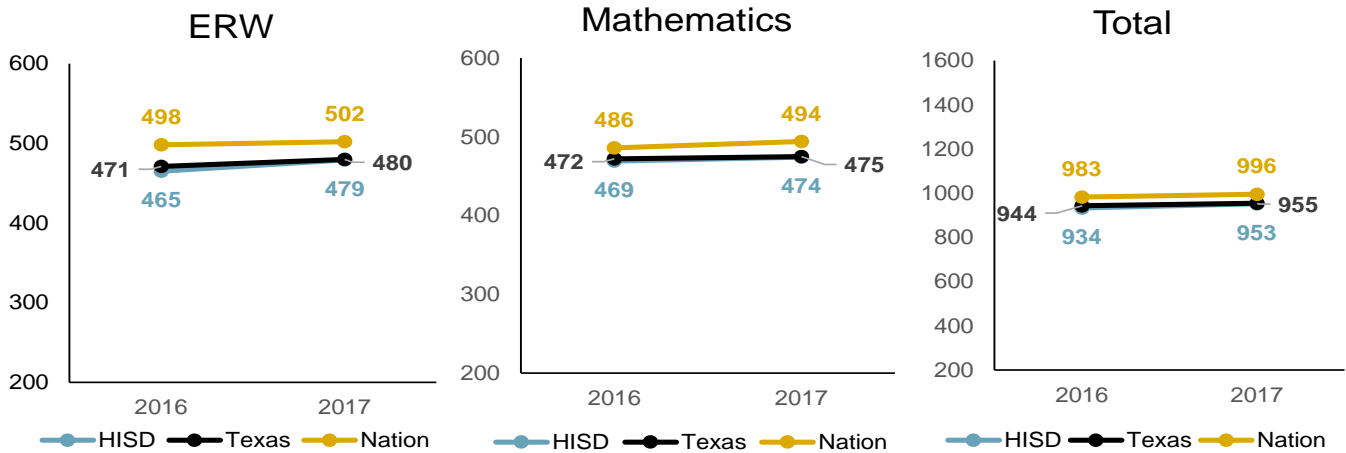
**Table 1. Number and Percent of HISD Juniors Tested by Race/Ethnicity, SAT School Day, 2016 and 2017**

Student Group	N Tested 2016	N Tested 2017
African American	2,060	2,156
American Indian	17	20
Asian or Pacific Islander	381	443
Hispanic	5,424	5,867
White	707	731
Two or More Races, non-Hispanic	113	181
No Response	236	203
<b>Total Tested</b>	<b>8,938</b>	<b>9,601</b>
<b>Total 11<sup>th</sup> Grade</b>	<b>10,919</b>	<b>11,601</b>
<b>Percent Tested</b>	<b>81.9</b>	<b>82.8</b>

Sources: College Board on-line score portal, SAT School Days 2016 and 2017 results, downloaded 6/20/2017; HISD Chancery extracts, 5/2/2016 and 2/1/2017

Note: Number tested in 2016 and 2017 reflect the most recent data available as of 6/20/2017.

**Figure 1. SAT School Day Mean Evidenced-Based Reading and Writing (ERW), Mathematics, and Total Scores for HISD, Texas, and the Nation, 2016 and 2017**

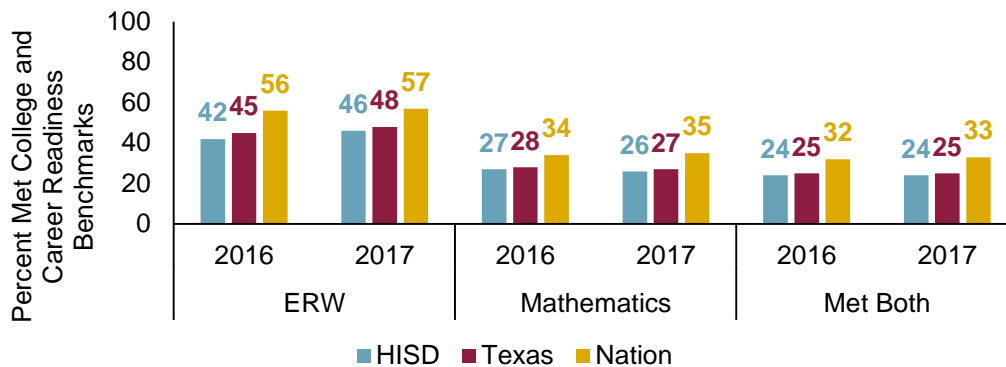


Source: College Board on-line score portal, SAT School Day 2016 and 2017 results, downloaded 6/20/2017

Note: Most current data available and may differ slightly from data previously reported; ERW = Evidenced-based reading and writing.

- **Figure 2** shows that 46 percent of HISD students who took the School Day administration of the SAT met the benchmark in the ERW section to indicate they are on track to be college and career ready compared to 26 percent in mathematics. Almost one out of four students (24 percent) met benchmarks in both ERW and mathematics.
- The percent of students meeting ERW college and career readiness benchmarks **increased** for the nation, Texas, and the district (Figure 2).

**Figure 2. Percent of Juniors Tested who Met College and Career Readiness Benchmarks for HISD, Texas, and the Nation, 2016 and 2017**

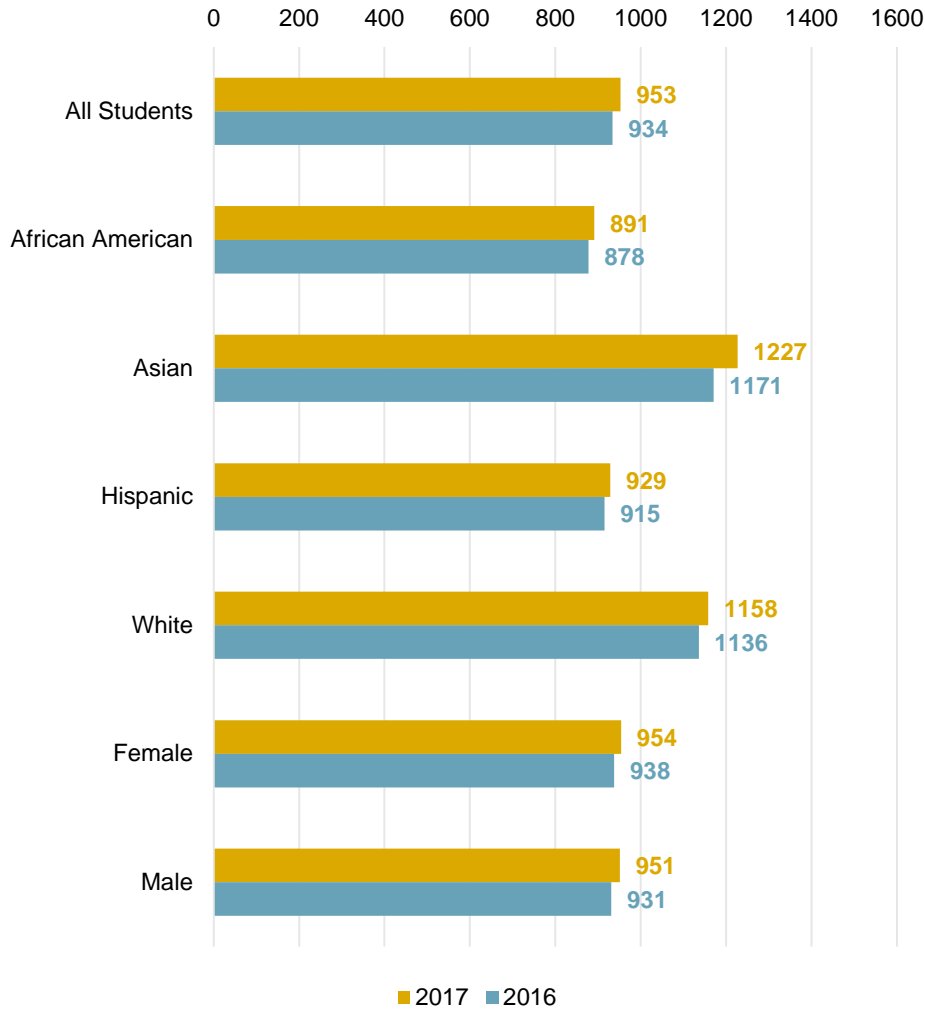


Source: College Board on-line score portal, SAT School Day 2016 and 2017 results, downloaded 6/20/2017

Note: Most current data available and may differ slightly from data previously reported. The College and Career Readiness Benchmarks are 480 in Evidenced-Based Reading & Writing (ERW) and 530 in mathematics.

**Figure 3** shows the mean SAT scores for 2016 and 2017 by race/ethnicity and gender. For 2016 and 2017, scores for Asian and White students were higher than those for Hispanic and African American students. Similarly, mean total scores for female students were slightly higher than those for their male peers for both years. Mean total scores **increased** for all students and all student groups from 2016 to 2017 (Figure 3). Asian students had the largest **increase** of 56 mean total scale score points followed by White students with an **increase** of 22 mean total scale score points when comparing 2016 to 2017. There was an **increase** of 19 mean total scale score points for all students.

**Figure 3. Mean Total Scores by Race/Ethnicity and Gender, 2016 and 2017**



Source: College Board on-line score portal, SAT School Day 2017 results, Race/Ethnicity downloaded 6/20/2017 and gender downloaded 6/28/2017

**Table 2** (p. 4) shows the results of the school day SAT administration for 2016 and 2017 by campus. SAT mean total scores that increased are shown in blue font in the 2017 column, scores that decreased are shown in red font, and those scores that didn't change are shown in black.

**Table 2. SAT School Day Number Tested, Mean Total Score, and Percent Meeting Both Benchmarks, 2016 and 2017**

Campus Name	2016			2017		
	N Tested	Mean Total Score	% Met Both Benchmarks	N Tested	Mean Total Score	% Met Both Benchmarks
Austin HS	296	839	6	336	862	3
AVA	0			1	*	*
Beechnut Acad	3	*	*	7	*	*
Bellaire HS	695	1083	51	659	1111	51
Carnegie HS	128	1332	98	139	1358	99
Challenge ECHS	108	1101	56	122	1117	57
Chavez HS	561	899	17	563	931	20
DeBaKey HS	133	1334	100	183	1372	99
East ECHS	108	1103	61	106	1086	60
Eastwood Acad	109	1087	57	106	1109	67
Energy Inst HS	143	1004	30	149	1046	40
E-STEM Central HS	10	806	0	24	918	8
E-STEM West HS	75	920	11	86	920	19
Furr HS	161	828	2	171	872	4
Heights HS	475	952	25	510	954	21
Hou Acad. Intl.	90	983	21	116	1073	50
Houston MSTC HS	463	822	4	568	841	5
HS Perf. Vis. Arts	160	1239	79	189	1233	80
Jones HS	6			94	905	10
Jordan HS	158	842	9	148	844	7
Kashmere HS	76	768	0	85	827	4
Lamar HS	685	1005	33	730	1032	35
Law Enf. CJHS	86	981	23	76	950	13
Leland YMCPA	10	1035	30	34	1090	53
Liberty HS	26	747	0	23	783	4
Long Acad	53	965	19	43	971	23
Madison HS	233	839	3	252	848	4
Mid Coll - Fraga	22	803	0	20	822	5
Mid Coll - Gulfon	18	778	0	24	784	4
Milby HS	348	851	7	166	848	4
Mount Carmel Acad.	81	1003	30	85	1017	29
N. Houston ECHS	111	1041	43	111	1072	50
North Forest HS	164	751	2	198	787	2
Northside HS	343	855	9	287	883	8
Reach HS	3	*	*	5	*	*
Scarborough HS	137	855	8	163	848	5
Sharpstown HS	268	836	8	342	865	10
Sharpstown Intl	132	958	29	119	965	17
South EC HS	22	956	32	51	946	22
Sterling HS	155	811	6	170	811	3
Tx Conn. Acad.	12	1118	67	36	1056	39
Victory Prep North	-	-	-	22	835	5
Victory Prep South	-	-	-	61	820	2
Waltrip HS	323	890	17	353	907	14
Washington HS	110	857	10	118	823	7
Westbury HS	346	837	7	403	863	7
Westside HS	665	1002	35	651	1018	35
Wheatley HS	111	750	0	121	805	2
Wisdom HS	242	845	7	320	818	3
Worthing HS	92	752	1	84	839	7
Yates HS	136	780	4	124	797	2
YWCPA	46	1017	37	47	1033	28
<b>All Students</b>	<b>8,938</b>	<b>934</b>	<b>24</b>	<b>9,601</b>	<b>953</b>	<b>24</b>

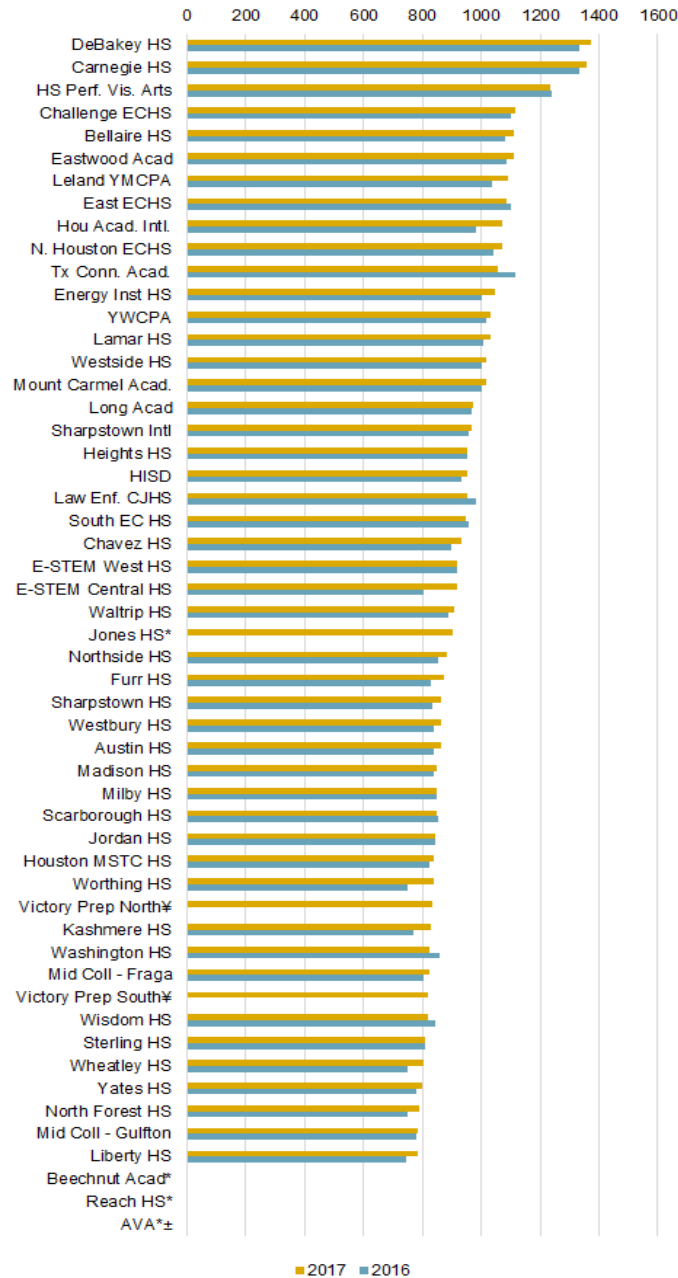
Source: College Board on-line score portal, SAT School Day 2016 & 2017 results, downloaded 6/28/2017

Note: Most current data available and may differ slightly from data previously reported. SAT mean total scores that increased are shown in blue font in the 2017 column, scores that decreased are shown in red font, and those scores that didn't change are shown in black. A "-" denotes a campus that was not part of HISD in 2016.

\*Scores not reported by the College Board for fewer than 10 students.

**Figure 4** shows the mean total scores for the school day SAT administration for 2016 and 2017. Schools are rank ordered by the highest to lowest 2017 mean total score. A total of 52 schools participated in the 2017 school day SAT administration, reflecting an increase from 49 schools in 2016. DeBakey had the highest mean total score on the 2017 school day SAT. Thirty-five schools increased their mean composite scores from 2016 to 2017 based on schools with two years of data and at least 10 students testing.

**Figure 4. Mean SAT School Day Total Scores by Campus, 2016 and 2017**



Source: College Board on-line score portal, SAT School Day 2016 & 2017 results, downloaded 6/28/2017  
 Note: Most current data available and may differ slightly from data previously reported. ± No students were tested in 2016.  
 \*Scores not reported by the College Board for fewer than 10 students; ‡ Campus was not part of HISD in 2016.

### Reference

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