

MEMORANDUM

December 17, 2021

TO: Board Members

FROM: Millard L. House II
Superintendent of Schools

SUBJECT: **SAT SCHOOL DAY RESULTS, 2020–2021**

CONTACT: Allison Matney, Ed.D., (713) 556-6700

The results for the 2020–2021 SAT School Day administrations have been released by the College Board and are provided in this report along with data from 2019 for comparison. Due to the COVID-19 pandemic the Spring 2020 SAT School Day administration was canceled, and participation in the 2020–2021 SAT School Day administrations was low. The SAT consists of two sections: Evidence-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:

- During the 2020–2021 school year, 46.0 percent of HISD juniors (5,782) participated in SAT School Day. Aside from the Asian/Pacific Islander group, the participation rates decreased by more than 20 percentage points for each race/ethnic group. Due to the low participation rate, caution should be taken when comparing results from previous years.
- Average SAT scores increased from 2019 to 2021 in ERW and mathematics for the district, state, and total group.
- The mean SAT scores for HISD juniors were slightly lower than those for state and the total group. In 2021, the average Composite score was 963 for HISD juniors, 988 for students in the state, and 998 for students from the total group.
- In 2021, the percentage of HISD juniors meeting both college and career readiness benchmarks increased to 29 percent.

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


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Attachment

cc: Superintendent's Direct Reports
Assistant Superintendents
School Support Officers
High School Principals
Connie Smith
David Johnston

Assessment Brief: December 8, 2021 SAT School Day Results, 2020–2021

This report summarizes the participation and performance of Houston Independent School District (HISD) juniors who participated in the 2020–2021 administrations of the SAT School Day offered by the College Board in October 2020 and between March and May 2021. The SAT School Day is administered during school hours at the district’s expense so the population of students tested generally reflects district demographics. Due to the COVID-19 pandemic, the district’s Spring 2020 SAT School Day was canceled and participation in the 2020–2021 SAT School Days was low.

Key Findings

- **Table 1** shows that 46.0 percent of HISD juniors (5,782) participated in SAT School Day during the 2020–2021 school year. Due to the low participation rate, caution should be taken when comparing results from previous years.
- **Figure 1** (p. 2) shows the SAT School Day participation rates for 11th graders by race/ethnicity for 2019 and 2021. Aside from the Asian/Pacific Islander group, the participation rates decreased by more than 20 percentage points for each race/ethnic group.
- Average SAT scores increased from 2019 to 2021 in Evidenced-based Reading and Writing (ERW) and mathematics for the district, state, and total group (**Figure 2**, p. 3).
- The mean SAT scores for HISD juniors were slightly lower than those for state and the total group. In 2021, the average Composite score was 963 for HISD juniors, 988 for students in the state, and 998 for students from the total group (Figure 2, p. 3).
- In 2021, the percentage of HISD juniors meeting both college and career readiness benchmarks increased to 29 percent (**Figure 3**, p. 4).

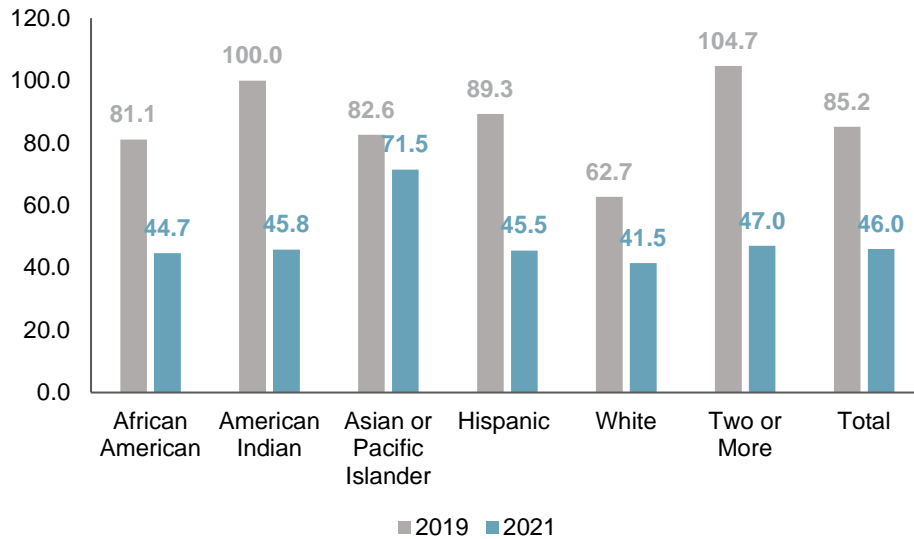
Table 1. Number of 11th Graders Tested by Race/Ethnicity, 2017–2019, 2021

Student Group	2017	2018	2019	2021
African American	2,156	2,250	2,050	1,259
American Indian	20	23	25	11
Asian or Pacific Islander	443	468	413	377
Hispanic	5,867	5,921	6,190	3,509
White	731	747	759	562
Two or More	181	85	134	70
No Response	203	77	80	0
Total Tested	9,601	9,571	9,651	5,782
Total 11th Grade Students	11,601	11,374	11,327	12,578
Percentage Tested	82.8	84.1	85.2	46.0

Sources: College Board results, 6/20/2017, 7/25/2018, 5/21/2019; SAT School Day data file, 11/18/2021; SIS extract, 2/1/2017, 4/23/2018, 4/22/2019, 11/18/2021; PEIMS Fall Snapshot file, 2020

Note: The race/ethnicity data for 2017–2019 are from the College Board, which include self-reported data. The race/ethnicity data for 2021 is from HISD’s SIS. The total number of 11th grade students for 2017–2019 are from the SIS extracts in the Spring of those respective school years. The total number of 11th grade students for 2021 is from the PEIMS Fall Snapshot file from 2020.

Figure 1. SAT School Day Participation Rates of 11th Graders by Race/Ethnicity, 2019 and 2021

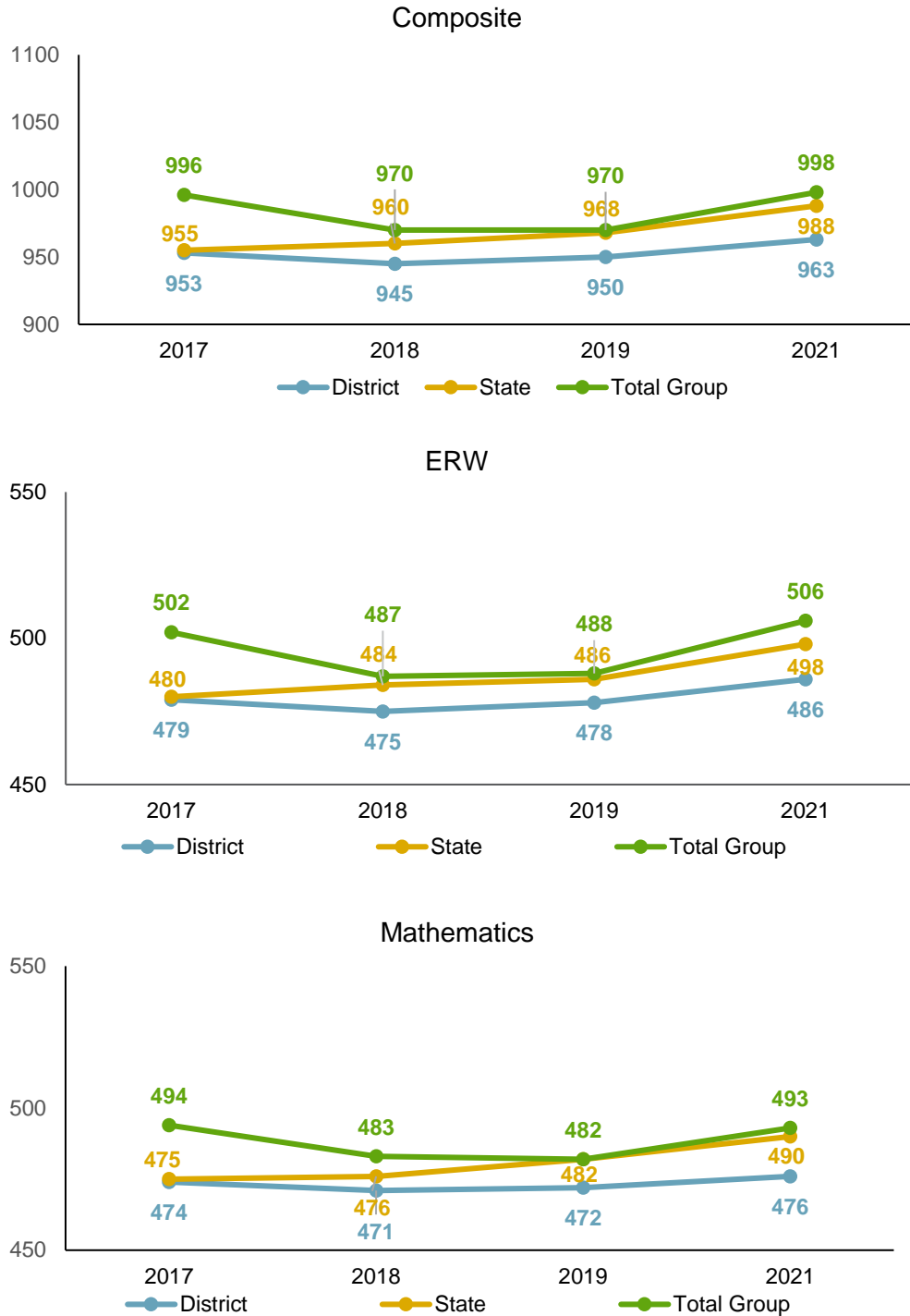


Sources: College Board results, 6/20/2017, 7/25/2018, 5/21/2019; SAT School Day data file, 11/18/2021; SIS extract, 2/1/2017, 4/23/2018, 4/22/2019, 11/18/2021; PEIMS Fall Snapshot file, 2020

Notes: The race/ethnicity data for 2017–2019 are from the College Board, which include self-reported data. The race/ethnicity data for 2021 is from HISD’s SIS. The total number of 11th grade students for 2019 is from the SIS extract from 4/22/2019. The total number of 11th grade students for 2021 is from the PEIMS Fall Snapshot file from 2020. Percentages may be greater than 100 due to differences in data file dates.

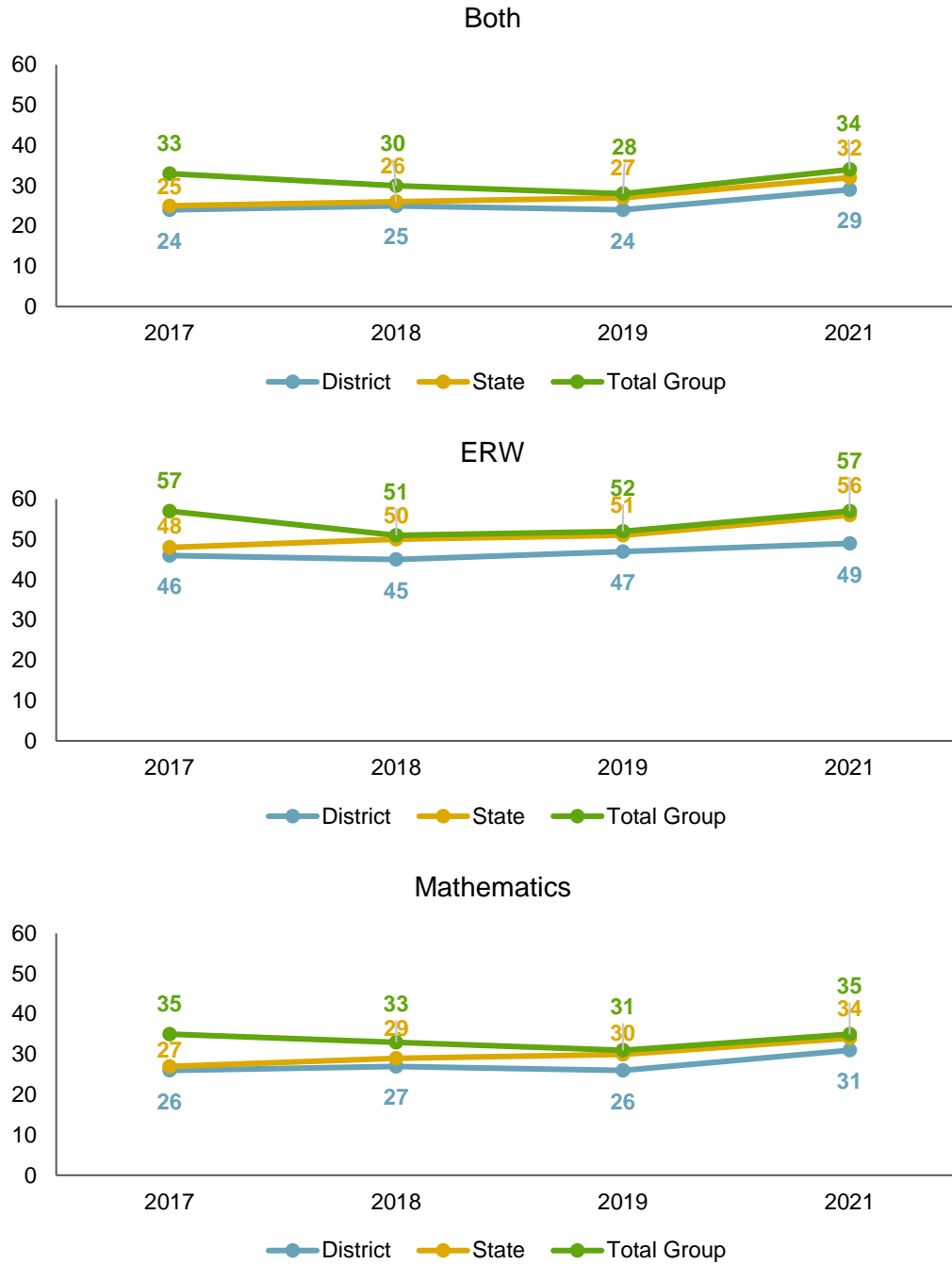
Figure 2 (p. 3) shows the average SAT scores of 11th graders from the district, state, and total group by subject for 2017–2019 and 2021, and Figure 3 (p. 4) shows the percentage of 11th graders meeting the college and career readiness benchmarks.

Figure 2. Average SAT Scores of 11th Graders by Subject, 2017–2019, 2021



Sources: College Board SAT School Day Summary, 6/20/2017, 7/25/2018, 5/21/2019, 11/8/2021; SAT School Day data file, 11/18/2021; SIS extract, 11/18/2021

Figure 3. Percentage of 11th Graders Tested who Met College and Career Readiness Benchmarks, 2017–2019, 2021

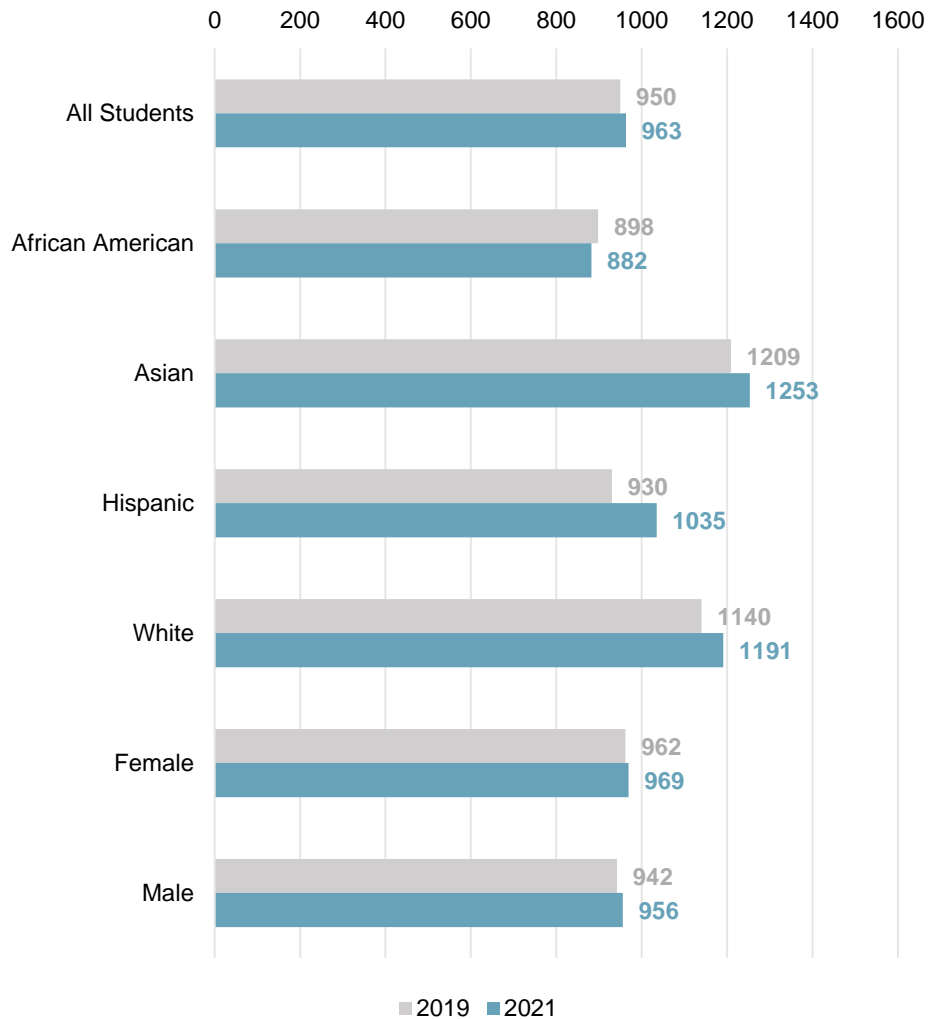


Sources: College Board SAT School Day Summary, 6/20/2017, 7/25/2018, 5/21/2019, 11/8/2021; SAT School Day data file, 11/18/2021; SIS extract, 11/18/2021

Note: The College and Career Readiness Benchmarks are 480 in Evidenced-Based Reading and Writing (ERW) and 530 in mathematics.

Figure 4 shows the average composite SAT scores of 11th graders by race/ethnicity and gender for 2019 and 2021. For all groups except for African American students, the average composite score increased from 2019 to 2021. However, due to the low participation rate in 2021, caution should be taken when making comparisons to prior years.

Figure 4. Average Composite SAT Scores of 11th Graders by Race/Ethnicity and Gender, 2019 and 2021



Sources: SAT School Day data file, 5/16/2019, 11/18/2021; SIS extract, 4/22/2019, 11/18/2021

Table 2 (p. 6) shows the number and percentage of 11th graders tested, average composite score, and percentage of students meeting both college and career readiness benchmarks for 2019 and 2021. Only seven campuses tested the same number or more students in 2021 than in 2019, and eleven campuses showed an increase in average composite score from 2019 to 2021.

Table 2. Number and Percentage Tested, Average Composite Score, and Percentage Meeting Both College and Career Readiness Benchmarks for 11th Graders, 2019 and 2021

Campus Name	2019				2021			
	Number Tested	% Tested	Average Composite Score	% Met Both Benchmarks	Number Tested	% Tested	Average Composite Score	% Met Both Benchmarks
Austin HS	319	89.6	852	5	180	53.6	838	4
Bellaire HS	693	93.4	1081	44	305	36.8	1182	66
Carnegie HS	123	91.8	1372	98	242	91.3	1316	95
Challenge ECHS	104	100.0	1098	54	107	97.3	1071	47
Chavez HS	606	94.4	915	17	310	55.5	904	19
DeBakey HS	162	94.7	1327	98	163	76.5	1246	88
East ECHS	123	96.9	1072	47	108	95.6	1018	32
Eastwood Acad	103	100.0	1079	51	86	85.1	1059	51
Energy Inst HS	159	97.5	1065	43	157	88.2	1001	33
E-STEM Central HS	113	97.4	859	4	37	28.0	838	5
Furr HS	197	99.5	854	7	79	32.8	812	3
Heights HS	473	94.2	978	22	168	28.8	1060	46
Hou Acad. Intl.	103	98.1	1055	43	71	63.4	1047	42
Houston MSTC HS	546	92.4	832	6	21	3.6	888	5
HS for Law & Justice	121	99.2	961	12	85	74.6	938	11
HS Perf. Vis. Arts	189	96.9	1225	75	130	69.1	1210	76
Jones HS	90	94.7	889	12	22	33.3	901	27
Kashmere HS	130	87.2	835	5	57	38.0	804	5
Lamar HS	631	88.6	1040	40	438	65.5	1033	41
Leland YMCPA	45	100.0	1084	51	35	76.1	935	17
Liberty HS	20	2000.0+	822	0	2	1.2	*	*
Long Acad	42	100.0	992	31	5	11.1	906	0
Madison HS	287	82.9	836	3	205	46.3	789	3
Mid Coll - Fraga	27	62.8	855	7	16	59.3	819	6
Mid Coll - Gulfton	37	105.7	801	8	21	51.2	807	19
Milby HS	317	90.8	913	15	345	67.3	840	8
Mount Carmel Acad.	79	98.8	981	23	76	91.6	904	12
N. Houston ECHS	115	100.0	1057	44	125	92.6	994	26
North Forest HS	188	87.4	810	4	50	22.2	743	2
Northside HS	292	87.7	889	11	122	37.7	893	15
Scarborough HS	127	83.0	897	12	50	31.3	846	10
Sharpstown HS	318	81.3	823	5	0	0.0	---	---
Sharpstown Intl	132	97.8	1038	45	134	82.2	995	29
South ECHS	102	99.0	942	25	65	70.7	980	28
Sterling HS	248	93.6	856	10	220	57.6	802	5
Tx Conn. Acad.	24	3.4	1059	33	21	2.3	1151	67
Waltrip HS	376	96.9	910	13	331	73.6	892	14
Washington HS	92	60.9	855	10	54	33.1	836	7
Westbury HS	403	86.5	878	8	301	53.4	856	10
Westside HS	607	97.1	1021	39	350	50.7	1047	42
Wheatley HS	139	75.1	807	2	61	40.4	800	2
Wisdom HS	359	81.4	835	7	176	42.7	778	5
Worthing HS	127	81.4	827	1	125	62.8	796	2
Yates HS	127	80.9	814	5	78	38.4	761	4
YWCPA	44	100.0	1020	23	48	77.4	1036	46
District	9,659	85.2	950	24	5782	46.0	963	29

Sources: College Board results, 5/16/2019; SAT School Day data file, 5/16/2019, 11/18/2021; SIS extract, 4/22/2019, 11/18/2021, PEIMS Fall Snapshot, 2020

Notes: The campus and grade level data for 2019 are from the College Board, which include self-reported data. The campus and grade level data for 2021 is from HISD's SIS. The total number of 11th grade students for 2019 is from the SIS extract from 4/22/2019. The total number of 11th grade students for 2021 is from the PEIMS Fall Snapshot file from 2020. Percentages may be greater than 100 due to differences in data file dates. * denotes that fewer than 5 students were tested. + Liberty HS shows a 2000.0% participation rate in 2019 because the College Board file showed that 20 11th graders tested, and the SIS extract showed that Liberty only had one 11th grade student.