

MEMORANDUM

September 10, 2010

TO: Board Members

FROM: Terry B. Grier, Ed.D.
Superintendent of Schools

SUBJECT: **SAT REASONING TEST (SAT): CLASS OF 2010**

CONTACT: Carla Stevens, Research and Accountability, 713-556-6700

The results from the SAT Reasoning Test (SAT) have been released by the College Board. The SAT Reasoning Test is a college admissions exam that assesses student reasoning based on knowledge and skills developed by the students in their course work. Colleges use SAT scores to make admission decisions, recruit students, place students in appropriate courses, and predict student performance at the college-level. The results of the SAT Reasoning Test are provided below for the class of 2010.

The number of Houston Independent School District (HISD) graduating seniors in 2010 with SAT Reasoning results was 4,920, an increase of 320 students taking the test over the 4,600 students in 2009. **Table 1** provides a comparison of HISD students with Texas and national students for the graduating class of 2010 compared to 2009.

Table 1: Average SAT Reasoning Test Scores of HISD Students with Texas and National Students, Graduating Classes of 2009 and 2010

	<u>Critical Reading</u>		<u>Mathematics</u>		<u>Writing</u>	
	<u>2009</u>	<u>2010</u>	<u>2009</u>	<u>2010</u>	<u>2009</u>	<u>2010</u>
HISD	458	457	476	477	453	454
Texas	486	484	506	505	475	473
National	501	501	515	516	493	492

HISD, Texas, and Nation

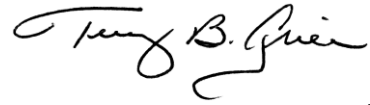
- The average critical reading SAT score for HISD decreased from 458 in 2009 to 457 in 2010. The district's average critical reading score was 27 points below the Texas average and was 44 points below the national average, representing a decrease in the performance gap with the state and an increase in the performance gap with the nation from 2009 to 2010.
- The average mathematics SAT score for HISD increased slightly from 476 in 2009 to 477 in 2010. The district's average mathematics score was 28 points below the Texas average and was 39 points below the national average. The performance gaps between HISD and the state decreased from 2009 to 2010, while the gap between HISD and the nation remained unchanged.
- The average writing SAT score for HISD increased from 453 in 2009 to 454 in 2010. The district's average writing score was 19 points below the Texas average and 38 points below the national average, representing a decrease in the performance gaps between the district and the state and nation from 2009 to 2010.

Table 2 provides the district-level scores by ethnicity and gender for the graduating classes of 2009 and 2010.

Ethnicity	2009				2010			
	N Tested	Critical Reading	Math	Writing	N Tested	Critical Reading	Math	Writing
American Indian	10	483	475	449	7	521	517	516
Asian American	369	533	599	539	388	550	621	557
African American	1,385	418	424	411	1,508	419	425	416
Hispanic	1,920	428	451	423	2,165	431	454	426
White	736	571	575	564	673	564	574	558
Other	84	483	501	481	88	491	510	486
No Response	96	455	468	452	91	495	516	485
Total	4,600	458	476	453	4,920	457	477	454
Gender								
Female	2,583	458	465	460	2,705	455	465	460
Male	2,017	457	489	444	2,215	460	493	446

- There was an increase in the number of students tested from 2009 to 2010 for students in the Asian American, African American, Hispanic, and Other student groups. All other ethnic groups experienced a decline in the number of seniors tested over the same time period.
- The average critical reading SAT scores for students in all ethnic groups except for White students increased from the class of 2009 to the class of 2010. The largest gain of 38 points was reported by students in the American Indian student group, and students who did not indicate ethnicity, or No Response, reported an increase of 40 points in reading from 2009 to 2010.
- The average math SAT score for students in all ethnic groups except for White students increased from 2009 to 2010, with American Indian and Asian American students reporting the largest gains, from 2009 to 2010, with increases of 42 and 22 points, respectively.
- The average writing SAT score for students in all ethnic groups except White students increased from 2009 to 2010, with American Indian students recording a 67 point increase, and Asian American students improving by 18 points over the same time period.
- The average scores on the critical reading, math, and writing SAT tests decreased or remained the same from 2009 to 2010 for female students. Average SAT scores for males increased in all subjects from 2009 to 2010. Female students in the class of 2010 outperformed their male counterparts in writing, while males in the class of 2010 outscored females in critical reading and math.

Attached is a table with campus level performance data for all campuses whose students tested on the SAT for 2009 and 2010. A complete report will be released later in the fall. This report will include an analysis of SAT, ACT, PSAT, and advanced placement results.



TBG

cc: Superintendent's Direct Reports
Chuck Morris
Aaron Spence
Martha Salazar-Zamora
Kim Hall
June Giddings

2009 and 2010 SAT Mean Scores by Campus

Campus	N Taking		Reading		Mathematics		Writing	
	09	10	09	10	09	10	09	10
Austin HS	167	154	389	378	432	419	378	372
Bellaire HS	537	540	566	566	590	593	569	570
Carnegie Van.	77	65	600	609	595	610	572	582
Challenge HS	61	89	509	494	510	499	495	497
Chavez HS	189	249	410	409	433	436	407	406
CLC HS	-	22	-	339	-	360	-	340
Davis HS	114	139	400	399	427	433	399	394
DeBaKey HS	113	174	574	592	636	643	584	594
East Early Col.	-	50	-	501	-	515	-	493
Eastwood	62	54	432	463	464	492	419	452
Empowerment	51	20	419	450	413	438	400	418
Furr High School	82	59	399	414	409	416	384	399
HSLECJ	73	76	440	467	442	468	443	455
HSPVA	123	122	576	576	554	545	567	561
Houston MST	190	196	392	393	420	417	393	394
International Ac.	-	30	-	430	-	441	-	432
Jones HS	75	53	378	382	374	376	363	372
Jordan HS	97	92	399	405	406	417	407	412
Kashmere HS	22	34	411	375	432	400	419	381
Lamar HS	510	431	514	523	522	533	505	515
Leaders' Acad.	21	27	391	369	352	357	388	372
Lee HS	184	205	370	398	405	436	365	390
Madison HS	168	190	400	394	419	417	399	401
Milby HS	167	193	420	416	454	445	420	406
Reach Charter	5	6	358	327	372	302	326	303
Reagan HS	155	141	409	423	427	448	399	418
Scarborough HS	74	76	393	416	413	429	409	431
Sharpstown HS	137	186	391	383	434	424	398	388
Sterling HS	73	76	402	393	409	394	402	396
Waltrip HS	128	154	481	460	479	466	465	450
Washington HS	85	108	447	439	472	453	442	425
Westbury HS	156	183	424	412	437	426	419	413
Westside HS	432	438	493	494	510	518	483	483
Wheatley HS	91	85	394	362	396	372	384	362
Worthing HS	64	106	376	374	395	385	366	375
Yates HS	110	96	398	388	397	401	385	399
HISD	4,600	4,920	458	457	476	477	453	454
Texas	141,733	148,102	486	484	506	505	475	473
Nation	1,530,128	1,547,990	501	501	515	516	493	492

*Fewer than 5 students tested.

- Not tested.

Class of 2010 SAT Performance by Student Group

2010 Mean SAT Scores by Ethnicity: District, State, and Nation

Group			<u>HISD</u>					<u>Texas</u>					<u>Nation</u>		
	N Tested	% Tested	Read	Math	Writing	N Tested	% Tested	Read	Math	Writing	N Tested	% Tested	Read	Math	Writing
American Indian	7	0.1	521	517	516	860	1	500	512	480	8,550	1	485	492	467
Asian American	388	8	550	621	557	9,949	7	523	584	521	166,064	11	519	591	526
African American	1,508	31	419	425	416	20,442	14	424	437	417	196,961	13	429	428	420
Mexican, Mex. Amer.	978	20	448	472	442	24,037	16	453	475	443	85,761	6	454	467	448
Puerto Rican	13	0	465	454	454	752	1	478	486	464	24,365	2	454	452	443
Other Hispanic, Latino	1,174	24	416	439	412	21,789	15	435	457	428	112,254	7	454	462	447
White	673	14	564	574	558	64,679	44	525	543	509	838,235	54	528	536	516
Other	88	2	491	510	486	2,211	1	496	509	484	48,702	3	494	514	492
No Response	91	2	495	516	485	3,383	2	481	492	465	67,098	4	487	514	481
Female	2,705	55	455	465	460	78,867	53	481	491	478	827,197	53	498	500	498
Male	2,215	45	460	493	446	69,235	47	488	522	467	720,793	47	503	534	486
Total	4,920		457	477	454	148,102		484	505	473	1,547,990		501	516	492