

REPORT FROM THE SUPERINTENDENT

Office of Superintendent of Schools
Board of Education Meeting of July 19, 2012

**SUBJECT: BOARD MONITORING SYSTEM–GOAL 1, SECTION J:
PERFORMANCE OF HOUSTON INDEPENDENT SCHOOL DISTRICT
STUDENTS WILL EXCEED NATIONAL AVERAGES**

At the February 11, 2010 meeting, the Board of Education implemented a revised Board Monitoring System in order to efficiently maintain and measure achievement of Houston Independent School District (HISD) goals and adherence to its core values. The monitoring system was designed to give district administrators clear direction on how to meet the board's expectations in these crucial areas.

Board Policy AE(LOCAL) states “[T]he administration shall report to the Board on each goal and core value using the specific method and timing set out below, . . .”

In reference to the district's **Goal 1: Increase Student Achievement**, the attached report provides information regarding **Section J: Performance of HISD Students Will Exceed National Averages**. The policy states that, “[T]he administration will provide the Board of Education with a report that includes data indicating the percent of non-special education students, summarized across all grades and by grade level, performing at or above the 50th percentile on the Stanford and Aprenda for all subject components of the test. Finally, this report must also include a national comparative analysis of the performance of District students using national percentile ranks.

Timing: This report will be provided in June of each year.”

The attachment provides information regarding the requested report for the 2011–2012 school year.



Board Monitoring System: Goal 1 - Indicator J

EXECUTIVE SUMMARY

Purpose

The Houston Independent School District (HISD) exists to strengthen the social and economic foundation of Houston by assuring its youth the highest-quality elementary and secondary education available anywhere. In fulfilling this goal, HISD's Board of Education has designed a program to systematically monitor the district's goals and core values. The Board Monitoring System will report on each goal and core value on a routine basis. The goal currently under review is THE PERFORMANCE OF HISD STUDENTS WILL EXCEED NATIONAL AVERAGES (Goal 1, Section J).

Findings

Performance Will Exceed National Averages

- From 2011 to 2012, the percentage of HISD non-special education students who performed at or above the 50th percentile increased in one subject and decreased in four on the Stanford 10. Performance increased in Reading (+1), but decreased in Math (-4), Language (-1), Environment/Science (-1), and Social Science (-3) (see **Figure 1**).
- From 2011 to 2012, the percentage of HISD non-special education students who performed at or above the 50th percentile decreased for all subjects on the Aprenda 3 (see **Figure 2**).
- The percentage of students performing at or above the 50th percentile on the Aprenda 3 has exceeded the district's target of 90 percent for Reading and has met its goal of 90 percent for Language and Social Science (see **Figure 2**). However, HISD students failed to reach the target of 66 percent set for the Stanford 10 in any subject (see **Figure 1**).
- Using the national percentile ranks (NPRs) as a national comparison of the district's scores, HISD students in all grades had NPRs of 50 or higher in Math when compared to the national sample, the Stanford 10, in 2012. In Science, seven out of the eight grades had NPRs over 50. The highest NPR, 74, was reached by fifth-grade students in Science (see **Table 1**).
- In a national comparison of district scores on the Aprenda 3, HISD students for all grades had NPRs of 50 or higher when compared to the national sample in Math. All grades, except seventh-grade, had NPRs over 50 in Environment/Science and Social Science. HISD second-graders outperformed students nationally in Language, as did fourth-graders in Science who performed at the 90th percentile (see **Table 2**).

Figure 1. Percentage of Non-Special Education Students Performing at or above the 50th Percentile by Subject, Stanford 10 2011 and 2012

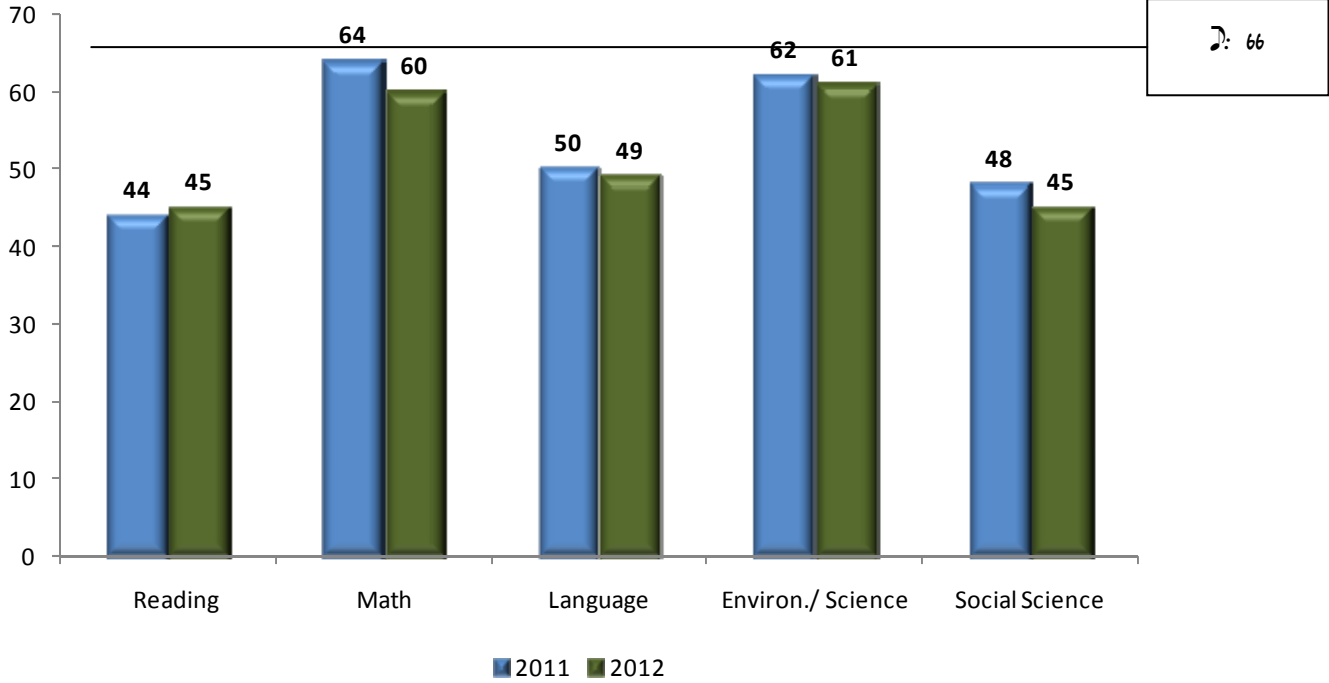


Figure 2. Percentage of Non-Special Education Students Performing at or above the 50th Percentile by Subject, Aprenda 3 2011 and 2012

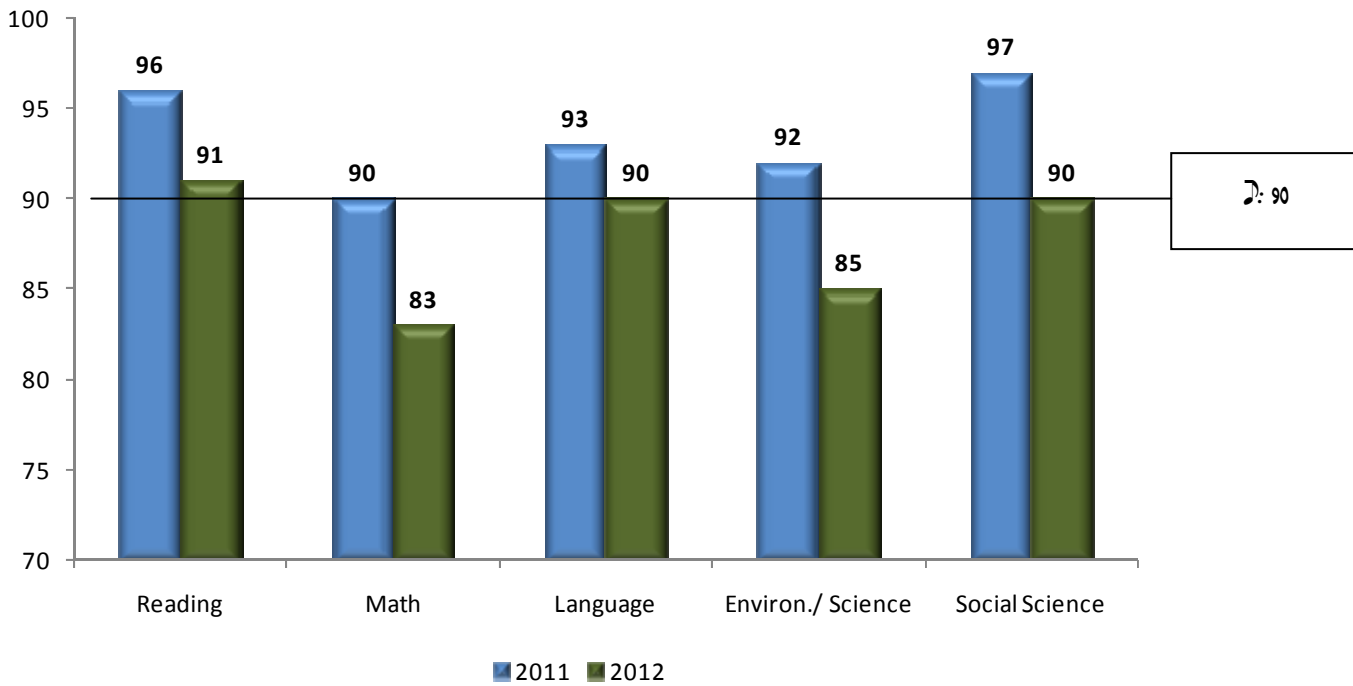


Table 1: 2011 and 2012 Stanford 10 Results for HISD Non-Special Education Students Compared to the National Sample Using National Percentile Ranks

Grade	Reading			Math			Language			Environ./Science			Social Science		
	2011	2012	2012	2011	2012	2012	2011	2012	2012	2011	2012	2012	2011	2012	2012
	NCE	NCE	NPR	NCE	NCE	NPR	NCE	NCE	NPR	NCE	NCE	NPR	NCE	NCE	NPR
1	48	48	46	53	50	50	52	48	47	49	49	48	--	--	--
2	46	46	43	51	50	50	48	45	41	52	54	58	--	--	--
3	49	48	47	58	56	61	50	48	47	52	55	59	49	49	48
4	49	50	50	59	58	64	57	57	63	55	53	56	50	48	47
5	47	47	45	56	55	60	50	49	47	60	63	74	52	48	47
6	47	45	41	56	54	57	48	49	47	55	51	51	46	45	41
7	47	49	48	57	56	61	49	50	50	54	58	65	49	51	52
8	48	47	44	57	54	58	47	47	44	61	58	64	53	49	49
Total	48	48		56	54		50	49		55	55		50	49	

NCE—Normal curve equivalents are a standard scale of scores with a mean of 50 that can be used for comparisons across years.
NPR—National percentile ranks indicate the relative standing of a student in comparison with other students in the same grade in the national norm-reference group.
 (--) No Data Available.

Table 2: 2011 and 2012 Appendix 3 Results for HISD Non-Special Education Students Compared to the National Sample Using National Percentile Ranks

Grade	Reading			Math			Language			Environ./Science			Social Science		
	2011	2012	2012	2011	2012	2012	2011	2012	2012	2011	2012	2012	2011	2012	2012
	NCE	NCE	NPR	NCE	NCE	NPR	NCE	NCE	NPR	NCE	NCE	NPR	NCE	NCE	NPR
1	78	72	85	76	70	82	75	70	83	73	65	76	--	--	--
2	76	72	85	76	71	84	77	77	90	79	75	88	--	--	--
3	76	71	84	80	73	86	84	79	92	83	73	87	81	72	85
4	73	67	79	84	76	89	73	71	84	85	77	90	81	74	88
5	60	58	65	57	57	63	57	56	61	64	60	67	62	60	68
6	48	50	50	61	65	76	49	47	44	65	56	61	60	57	63
7	61	45	41	70	56	61	59	50	50	64	47	44	70	48	47
8	65	47	44	60	56	62	62	49	49	61	50	50	65	53	56
Total	76	71		78	72		78	75		79	71		81	73	

NCE—Normal curve equivalents are a standard scale of scores with a mean of 50 that can be used for comparisons across years.

NPR—National percentile ranks indicate the relative standing of a student in comparison with other students in the same grade in the national norm-reference group.

(--) No Data Available.