



Question: What are the performance results for AISD former ELL students on TAKS Mathematics, Reading, Social Studies, Science, and Writing in Spring 2008 compared with those of general education students (non-ELLs)?

Response: The purpose of the present report is to replicate an earlier one (González, 2007; http://www.austinisd.org/inside/docs/ope_FormerELLSeriespt1Oct07.pdf) that examined how performance on TAKS exams taken in the Spring 2006 varied by students' English language learner status. This report focuses on TAKS exams taken in the Spring 2008. Former ELLs' TAKS passing rates are compared with those of students who never participated in bilingual education (BE) or English as a Second Language (ESL) programs (hereafter referred to as non-ELLs or general education students).

The current results support earlier findings. At the elementary grade level, former ELL students' TAKS passing rates in Mathematics, Reading/ELA, and Writing significantly exceeded the TAKS passing rates of non-ELL students. The Writing passing percentages also were higher at grade 7 for former ELL students than non-ELL students. However, at the secondary level, former ELL students' passing rates on TAKS Mathematics, Social Studies, and Science were significantly lower than the passing rates of non-ELL students (see following figures and tables).

Figure 1. Percentages of Non-ELL Students and Former ELL Students Passing TAKS Mathematics, Grades 3 through 12 in Spring 2008

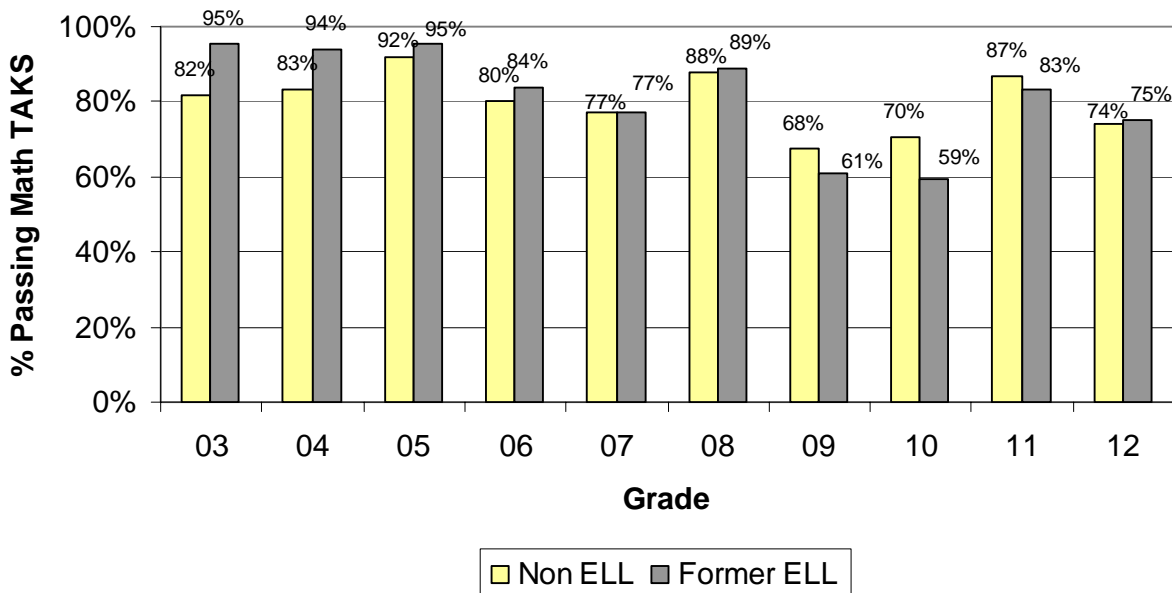


Figure 2. Percentages of Non-ELL Students and Former ELL Students Passing TAKS Reading/ELA, Grades 3 through 12 in Spring 2008

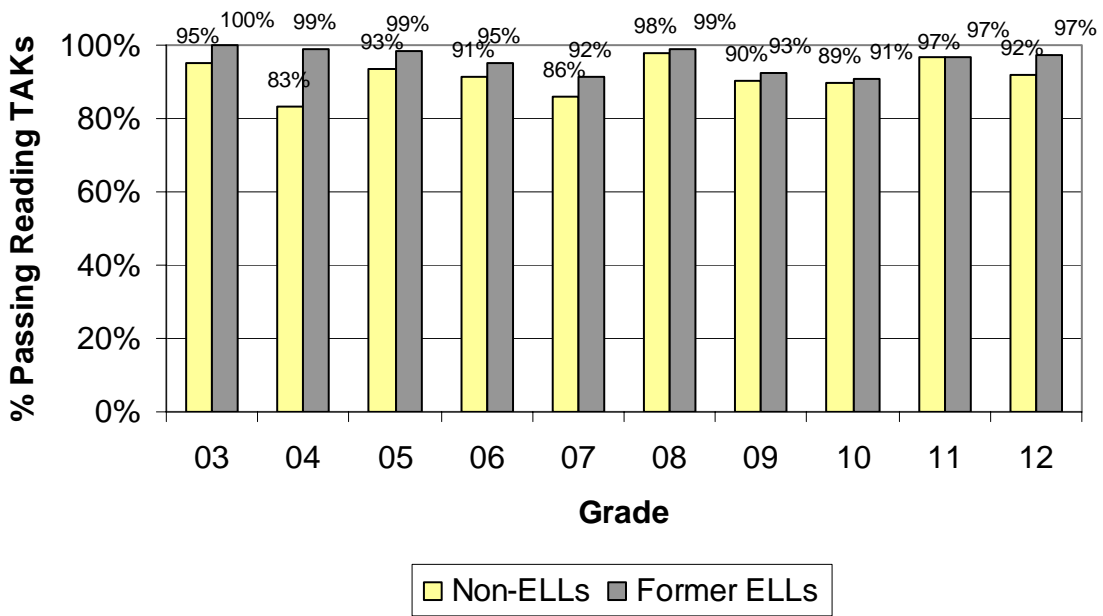


Figure 3. Percentages of Non-ELL Students and Former ELL Students Passing TAKS Social Studies, Grades 8, 10, and 11 in Spring 2008

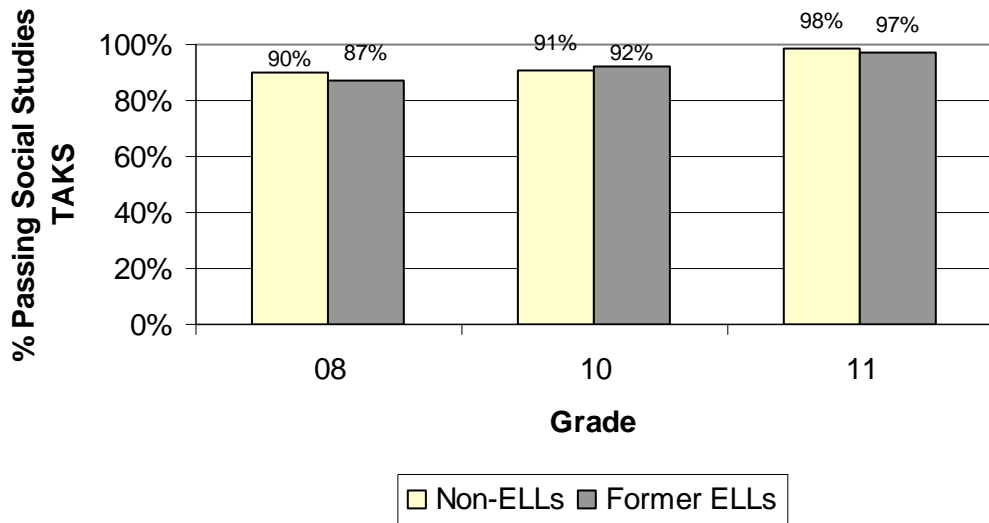


Figure 4. Percentages of Non-ELL Students and Former ELL Students Passing TAKS Science, Grades 5, 8, 10, and 11 in Spring 2008

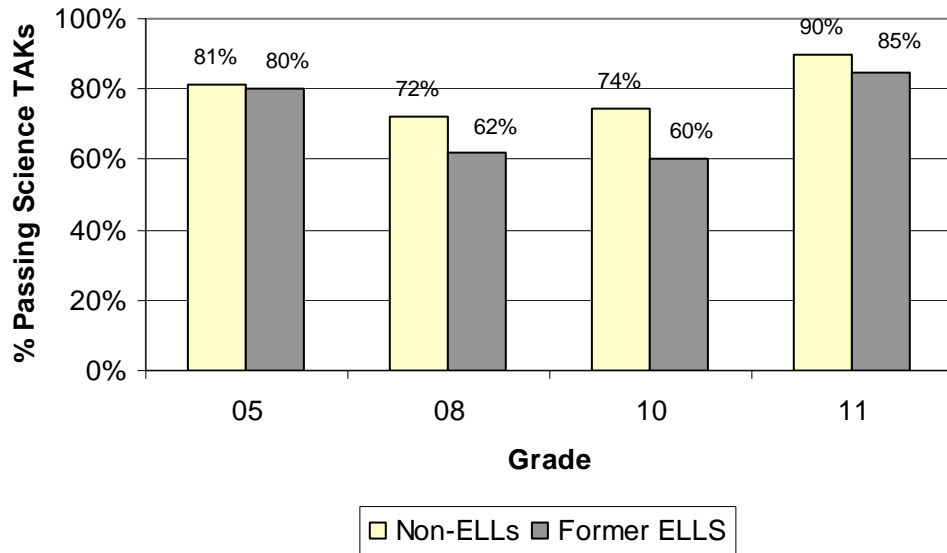
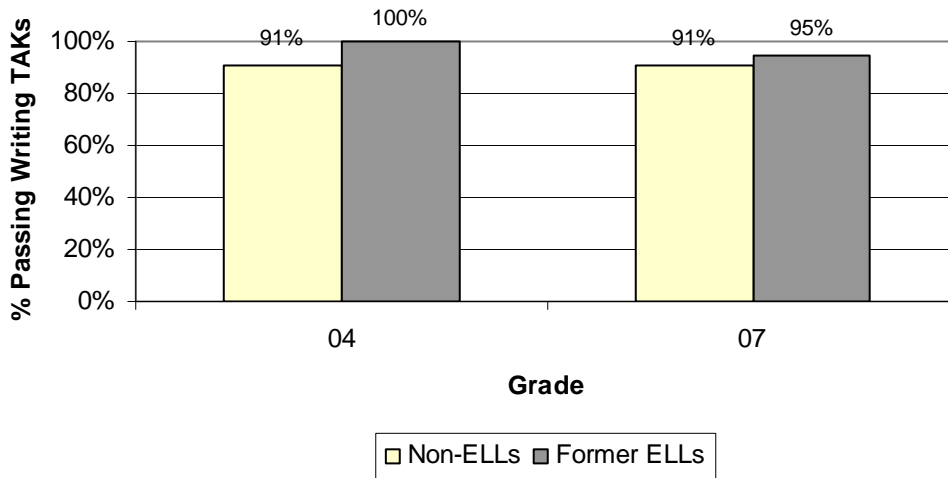


Figure 5. Percentages of Non-ELL Students and Former ELL Students Passing TAKS Writing, Grades 4 and 7 in Spring 2008



Tables 1 to 6 below present the difference in percentages passing for AISD non-ELL students versus AISD former ELL students on TAKS in Spring 2008 and tests of statistical significance.

Table 1. Differences in Percentages of Non-ELL and Former ELL Students Passing TAKS Mathematics in Spring 2008

Grade	Non-ELL students		TAKS Mathematics Former ELL students		Difference in Percentage Passing	Statistically Significant
	Number of Students	Percent Passing	Number of Students	Percent Passing		
03	3838	82%	173	95%	13	p < .001
04	3643	83%	480	94%	11	p < .001
05	3337	92%	620	95%	3	p < .01
06	3304	80%	598	84%	4	ns
07	3091	77%	721	77%	0	ns
08	3191	88%	828	89%	1	ns
09	3428	68%	718	61%	-7	p < .001
10	2993	70%	632	59%	-11	p < .001
11	2745	87%	634	83%	-4	p < .05
12	524	74%	117	75%	1	ns

Source. AISD student records. Note: NS is non-significant.

Table 2. Differences in Percentages of Non-ELL and Former ELL Students Passing TAKS Reading/ELA in Spring 2008

Grade	Non-ELL students		TAKS Reading/ELA Former ELL students		Difference in Percentage Passing	Statistically Significant
	Number of Students	Percent Passing	Number of Students	Percent Passing		
03	3802	95%	173	100%	5	p < .05
04	3607	83%	480	99%	16	p < .001
05	3300	93%	620	99%	6	p < .001
06	3271	91%	598	95%	4	p < .01
07	3073	86%	720	92%	6	p < .001
08	3144	98%	827	99%	1	ns
09	3292	90%	708	93%	3	ns
10	2934	89%	625	91%	1	ns
11	2714	97%	634	97%	0	ns
12	187	92%	36	97%	5	ns

Source. AISD student records. Note: NS is non-significant.

Table 3. Differences in Percentages of Non-ELL and Former ELL Students Passing TAKS Social Studies in Spring 2008

Grade	TAKS Social Studies					
	Non-ELL students		Former ELL students		Difference in Percentage Passing	Statistically Significant
	Number of Students	Percent Passing	Number of Students	Percent Passing		
08	3086	90%	816	87%	-3	p < .01
10	2921	91%	614	92%	1	ns
11	2732	98%	631	97%	-1	p < .01

Source. AISD student records. Note: NS is non-significant.

Table 4. Differences in Percentages of Non-ELL and Former ELL Students Passing TAKS Science in Spring 2008

Grade	TAKS Science					
	Non-ELL students		Former ELL students		Difference in Percentage Passing	Statistically Significant
	Number of Students	Percent Passing	Number of Students	Percent Passing		
05	3262	81%	617	80%	-1	ns
08	3108	72%	817	62%	-10	p < .001
10	2937	74%	614	60%	-14	p < .001
11	2722	90%	631	85%	-5	p < .001

Source. AISD student records. Note: NS is non-significant.

Table 5. Differences in Percentages of Non-ELL and Former ELL Students Passing TAKS Writing in Spring 2008

Grade	TAKS Writing					
	Non-ELL students		Former ELL students		Difference in Percentage Passing	Statistically Significant
	Number of Students	Percent Passing	Number of Students	Percent Passing		
04	3518	91	478	100	9	p < .001
07	3002	91	716	95	4	p < .01

Source. AISD student records.