



*State Test Score Trends Through 2008-09, Part 4:
Is Achievement Improving and Are Gaps Narrowing for Title I Students?*

TEXAS

Achievement Gaps between Non-Title I and Title I students by Mean Scale Scores (MSS)												
	Grade 4				Grade 8				High School			
	Year span	Start year	End year	Avg gain MSS*	Year span	Start year	End year	Avg gain MSS*	Year span	Start year	End year	Avg gain MSS*
READING	05-09				05-09				05-09			
Non-Title I		2297	2334	9.3		2336	2409	18.3		2206	2263	14.3
Title I		2207	2235	7.0		2246	2336	22.5		2155	2217	15.5
MATH	05-09				05-09				05-09			
Non-Title I		2326	2385	14.8		2201	2282	20.3		2169	2205	9.0
Title I		2225	2282	14.3		2118	2209	22.8		2088	2143	13.8

Table reads: In 2005, the mean scale score on the state 4th grade reading test was 2297 for non-Title I students and 2207 for Title I students. In 2009, the mean scale score in 4th grade reading was 2334 for non-Title I students and 2235 for Title I students. Between 2005 and 2009, the mean scale score improved at an average yearly rate of 9.3 points for non-Title I students and improved at an average yearly rate of 7.0 points for Title I students, indicating a widening of the achievement gap for Title I students at grade 4.

Note: The Texas Assessment of Knowledge and Skills (TAKS) is scored using linear transformations of the Rasch Partial Credit Model with proficiency estimates. Scales vary from grade to grade such that cutoffs are aligned: Met – 2100 and Commended – 2400. Standard scale scores range from approximately 1000-3200.

Achievement Gaps between Non-Title I and Title I students by Percentages Proficient (PP)												
	Grade 4				Grade 8				High School			
	Year span	Start PP	End PP	Avg annual gain*	Year span	Start PP	End PP	Avg annual gain*	Year span	Start PP	End PP	Avg annual gain*
READING	05-09				05-09				05-09			
Non-Title I		89%	93%	1.0		89%	95%	1.5		72%	90%	4.5
Title I		75%	81%	1.5		78%	90%	3.0		59%	84%	6.3
MATH	05-09				05-09				05-09			
Non-Title I		90%	93%	0.8		70%	85%	3.8		65%	70%	1.3
Title I		77%	83%	1.5		52%	74%	5.5		46%	58%	3.0

Table reads: In 2005, 89% of non-Title I 4th graders and 75% of Title I 4th graders scored at the proficient level on the state reading test. In 2009, 93% of non-Title I 4th graders and 81% of Title I 4th graders scored at the proficient level in reading. Between 2005 and 2009, the percentage proficient improved at an average rate of 1.0 percentage points per year for non-Title I students and 1.5 percentage points per year for Title I students, indicating a narrowing of the achievement gap for Title I students at grade 4.

*Numbers in these columns are subject to rounding error.