



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

**MISSOURI**

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*
<b>READING</b>	06-09				06-09				06-08			
Non-Title I		661	661	0.0		689	694	1.7		717	714	-1.5
Title I		642	648	2.0		668	680	4.0		689	695	3.0
<b>MATH</b>	06-09				06-09				06-08			
Non-Title I		651	648	-1.0		701	705	1.3		726	730	2.0
Title I		631	635	1.3		675	686	3.7		676	694	9.0

Table reads: In 2006, the mean scale score on the state 4<sup>th</sup> grade reading test was 661 for non-Title I students and 642 for Title I students. In 2009, the mean scale score in 4<sup>th</sup> grade reading was 661 for non-Title I students and 648 for Title I students. Between 2006 and 2009, there was no change in the mean scale score for non-Title I students and the score improved at an average yearly rate of 2.0 points for Title I students, indicating a narrowing of the achievement gap for Title I students at grade 4.

Note: The Missouri Assessment is scored on a scale of 450-910 with scores varying across grade level and content area.

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*
<b>READING</b>	06-09				06-09				06-08			
Non-Title I		53%	53%	0.0		45%	52%	2.3		43%	40%	-1.5
Title I		29%	35%	2.0		21%	33%	4.0		13%	19%	3.0
<b>MATH</b>	06-09				06-09				06-08			
Non-Title I		52%	50%	-0.7		44%	49%	1.7		43%	47%	2.0
Title I		29%	33%	1.3		19%	30%	3.7		10%	21%	5.5

Table reads: In 2006, 53% of non-Title I 4<sup>th</sup> graders and 29% of Title I 4<sup>th</sup> graders scored at the proficient level on the state reading test. In 2009, 53% of non-Title I 4<sup>th</sup> graders and 35% of Title I 4<sup>th</sup> graders scored at the proficient level in reading. Between 2006 and 2009, the percentage proficient did not change for non-Title I students and improved by 2.0 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.