



Reading

School Trend Analysis Report (All)

Grade: 5
 Level: 15
 Report Date: 2010/07/12
 School: SPRINGFIELD
 Job#: 52

Year	Group Size	Mean Number Correct	% Students Stanines 4-9	Mean National Percentile	Mean Grade Equivalent	Mean Scale Score	Mean Scale Score Range
2010 Spring	12	25.8	83	61	6.0	515	
2009 Spring	13	24.8	77	58	5.7	512	
2008 Spring	12	23.5	83	52	5.2	506	

When the Mean Scale Score Range for two different years overlap, then the observed difference between the two years is **not statistically significant**. When they do not overlap, the observed difference is **statistically significant** with 95% certainty.

For an explanation of this report, see "Interpreting CAT-4 Reports" in the CAT-4 In-service Folder.

simulated data





Vocabulary

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Year	Group Size	Mean Number Correct	% Students Stanines 4-9	Mean National Percentile	Mean Grade Equivalent	Mean Scale Score	Mean Scale Score Range
2010 Spring	12	29.0	100	82	7.9+	529	
2009 Spring	13	25.2	69	65	6.4	503	
2008 Spring	12	25.4	92	67	6.7	506	

475 500 525 550 575 600 625

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Writing Conventions

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Year	Group Size	Mean Number Correct	% Students Stanines 4-9	Mean National Percentile	Mean Grade Equivalent	Mean Scale Score	Mean Scale Score Range
2010 Spring	12	23.6	100	69	7.1	509	
2009 Spring	13	20.2	85	51	5.5	483	
2008 Spring	12	22.9	83	66	6.8	504	

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Spelling

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Year	Group Size	Mean Number Correct	% Students Stanines 4-9	Mean National Percentile	Mean Grade Equivalent	Mean Scale Score	Mean Scale Score Range
2010 Spring	12	26.4	92	69	7.9	532	
2009 Spring	14	25.6	93	60	6.8	521	
2008 Spring	12	25.9	92	65	7.4	527	

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Mathematics

School Trend Analysis Report (All)

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Year	Group Size	Mean Number Correct	% Students Stanines 4-9	Mean National Percentile	Mean Grade Equivalent	Mean Scale Score	Mean Scale Score Range
2010 Spring	12	37.0	92	67	6.8	518	
2009 Spring	13	33.8	85	58	6.0	509	
2008 Spring	12	30.2	83	46	4.9	497	

When the Mean Scale Score Range for two different years overlap, then the observed difference between the two years is **not statistically significant**. When they do not overlap, the observed difference is **statistically significant** with 95% certainty.

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Computation Estimation

School Trend Analysis Report (All)

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Year	Group Size	Mean Number Correct	% Students Stanines 4-9	Mean National Percentile	Mean Grade Equivalent	Mean Scale Score	Mean Scale Score Range
2010 Spring	12	26.3	100	95	7.9+	561	
2009 Spring	13	20.8	92	86	7.9+	536	
2008 Spring	12	18.3	92	68	6.8	518	

475 500 525 550 575 600 625

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