

Lewisburg Area School District



Data Analysis Report Spring 2009 Assessments

Spring 2009 Terra Nova Results
Spring 2009 PSSA Results
2008-2009 SAT Results

September 24, 2009

This report provides a review of the assessment data and information regarding the Lewisburg Area School District for the 2008-2009 School Year.

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Terra Nova Achievement Test

Compares our students' performance with a national sample administered to all students in grades K, 1, 2, 9 and 10.

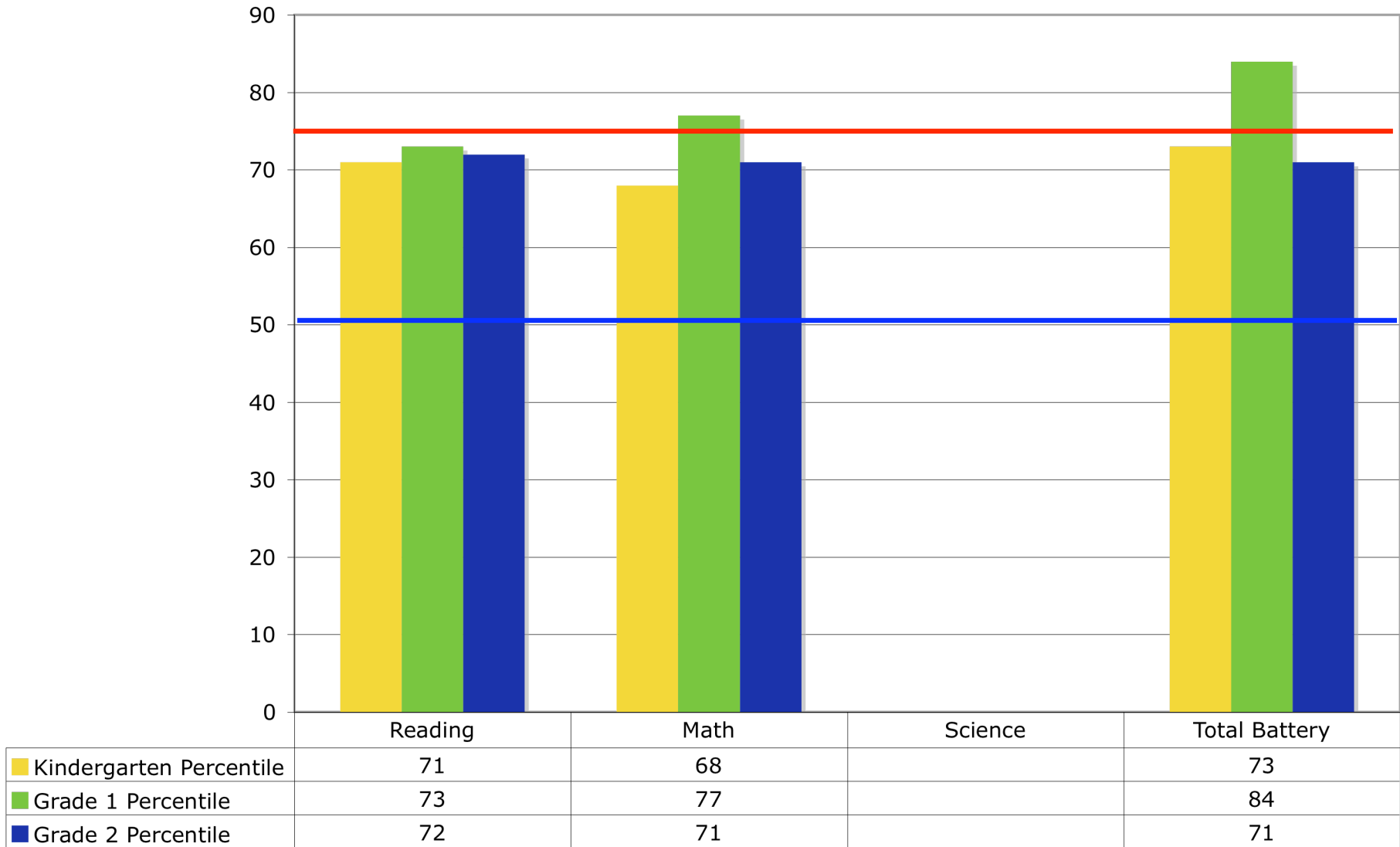
Terminology

Percentile: Shows how our students scored on the test in comparison to a national sample.

Example: A student scoring a 50 did as well or better than 50% of the students in the norm group who took the same test.

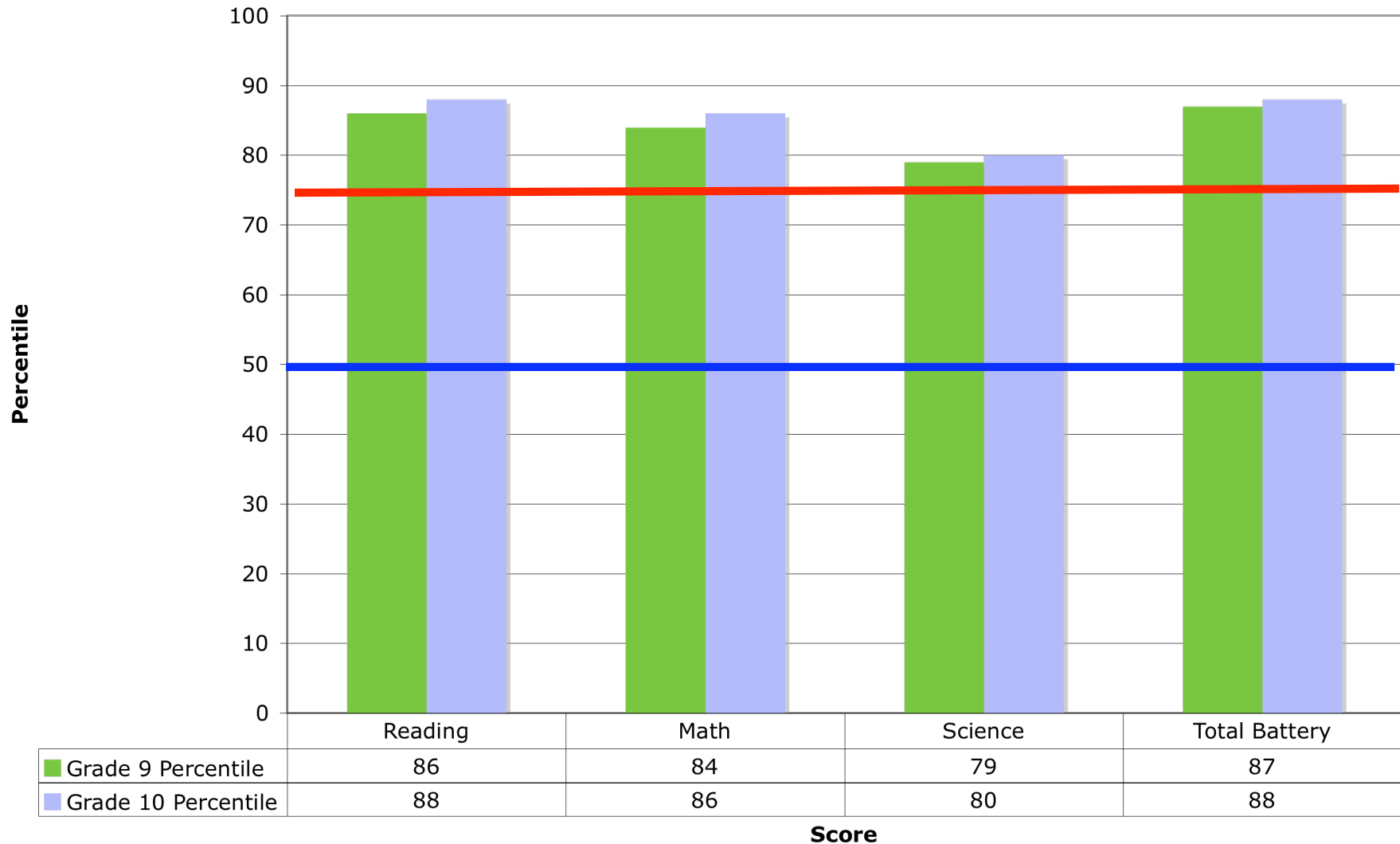
Progress: Students progressing at the normal rate should score at the 50th percentile. Students progressing significantly above average will score at the 75th percentile or higher.

Grades K-2 Terra Nova National Percentile Performance 2009



Note: The blue line at the 50th percentile indicates the score that students should attain if they are progressing normally. The red line at the 75th percentile indicates that scores above this mark are considered significantly above national average.

Grades 9-10 Terra Nova Percentile Performance 2009



Note: The blue line at the 50th percentile indicates the score that students should attain if they are progressing normally. The red line at the 75th percentile indicates that scores above this mark are considered significantly above national average.

Pennsylvania System of State Assessment

PSSA

In 2009 the state required students in grades 3, 4, 5, 6, 7, 8 and 11 to take the PSSA math and reading exams. Grades 5, 8, and 11 were administered the state writing exam, and grades 4, 8, and 11 were administered the state science exam.

The PSSA data is the only information used to assess the Adequate Yearly Progress of our students and evaluate our schools for the No Child Left Behind Law.

NCLB Goals

Percentage of Students that Must Be Proficient on the PSSA by Year

Grad. Year	Reading	Math
2019	100%	100%
2018	100%	100%
2017	100%	100%
2016	100%	100%
2015	100%	100%
2014	100%	100%
2013	91%	89%
2012	81%	78%
2011	72%	67%
2010	63%	56%
2009	63%	56%

AYP Status from PDE Web Site

District/School	Met AYP	2003	2004	2005	2006	2007	2008	2009
LASD	Y	Made AYP	Made AYP	Made AYP	Made AYP	Made AYP	Made AYP	Made AYP
Kelly	Y	Made AYP	Made AYP	Made AYP	Made AYP	Made AYP	Made AYP	Made AYP
Linntown	Y	Made AYP	Made AYP	Made AYP	Made AYP	Made AYP	Made AYP	Made AYP
Middle School	Y	Made AYP	Made AYP	Made AYP	Made AYP	Made AYP	Made AYP	Made AYP
High School	Y	Made AYP	Made AYP	Made AYP	Made AYP	Made AYP	Made AYP	Made AYP

Lewisburg has made AYP every year since the inception of the state's evaluation system.

PSSA Reading Results

Grade	2009	2008	2007
	Reading	Reading	Reading
3	84	87	80
4	80	76	83
5	82	78	73
6	83	84	82
7	80	85	87
8	94	94	90
11	84	89	84
Dist.Totals	84	85	83

Red = Tied or exceeded all time high

PSSA Math Results

Grade	2009	2008	2007
	Math	Math	Math
3	88	87	90
4	90	86	94
5	91	88	82
6	93	91	87
7	87	85	84
8	92	90	90
11	74	76	69
Dist. Totals	88	86	85

Red = Tied or exceeded all time high

PSSA Disaggregated Groups

READING - PERCENT ADV. & PROFICIENT GRADES 3-8, & 11				
YEAR	2009	2008	2007	2006
Dist.Totals	84	85	83	83
All Students	981	933	957	923
IEP Totals	34	39	30	30
IEP Students	118	122	101	93
ED Totals	71	60	61	70
ED Students	181	198	175	156

IEP = Special Education Students
 ED = Economically Disadvantaged Students

PSSA Disaggregated Groups

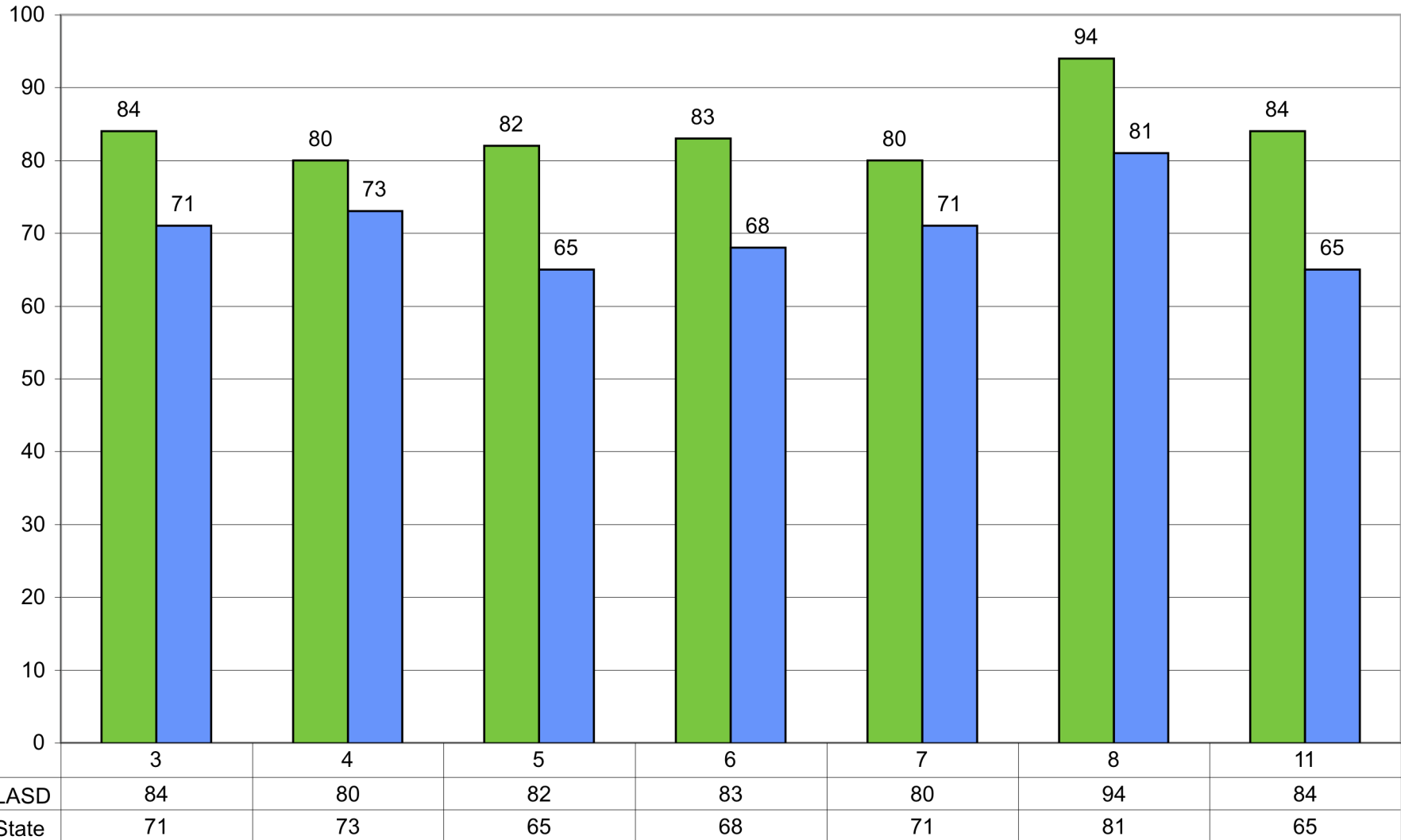
MATH - PERCENT ADV. & PROFICIENT GRADES 3-8, & 11				
YEAR	2009	2008	2007	2006
Dist. Totals	88	86	85	86
All Students	982	933	957	923
IEP Totals	50	41	43	38
IEP Students	120	122	101	93
ED Totals	77	59	66	64
ED Students	181	198	175	156

IEP = Special Education Students
 ED = Economically Disadvantaged Students

2009 PSSA Reading Scores Percentage Advanced & Proficient

	LASD	State	NCLB Req.
Grade	Reading	Reading	Reading
3	84	71	63
4	80	73	63
5	82	65	63
6	83	68	63
7	80	71	63
8	94	81	63
11	84	65	63
Ave. All Grades	84	71	63

**2008 PSSA Reading Scores - Percentage Advanced & Proficient
Lewisburg Scores Compared to State Average**

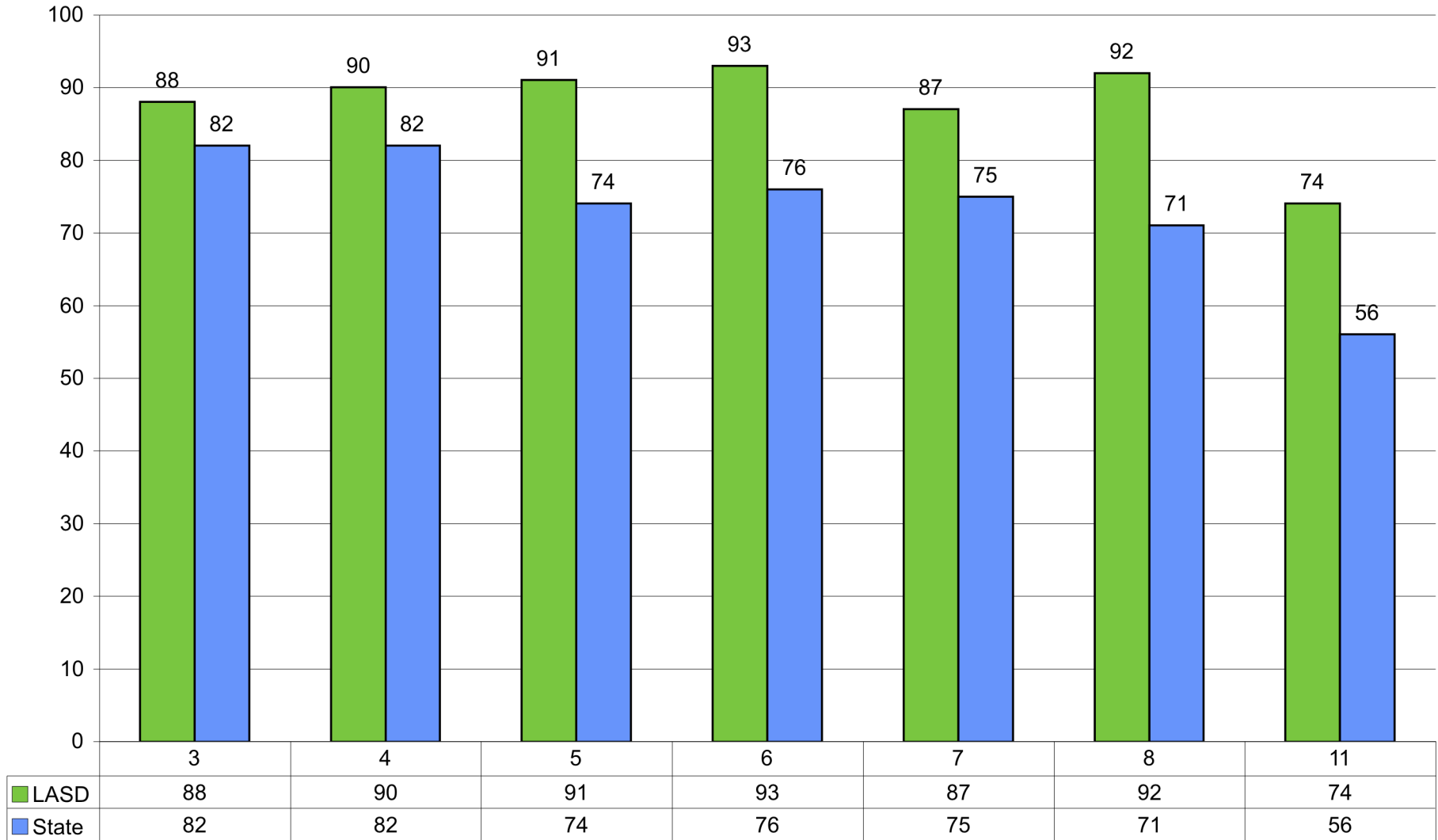


2009 PSSA Math Scores

Percentage Advanced & Proficient

	LASD	State	NCLB Req.
Grade	Math	Math	Math
3	88	82	56
4	90	82	56
5	91	74	56
6	93	76	56
7	87	75	56
8	92	71	56
11	74	56	56
Ave. All Grades	88	74	56

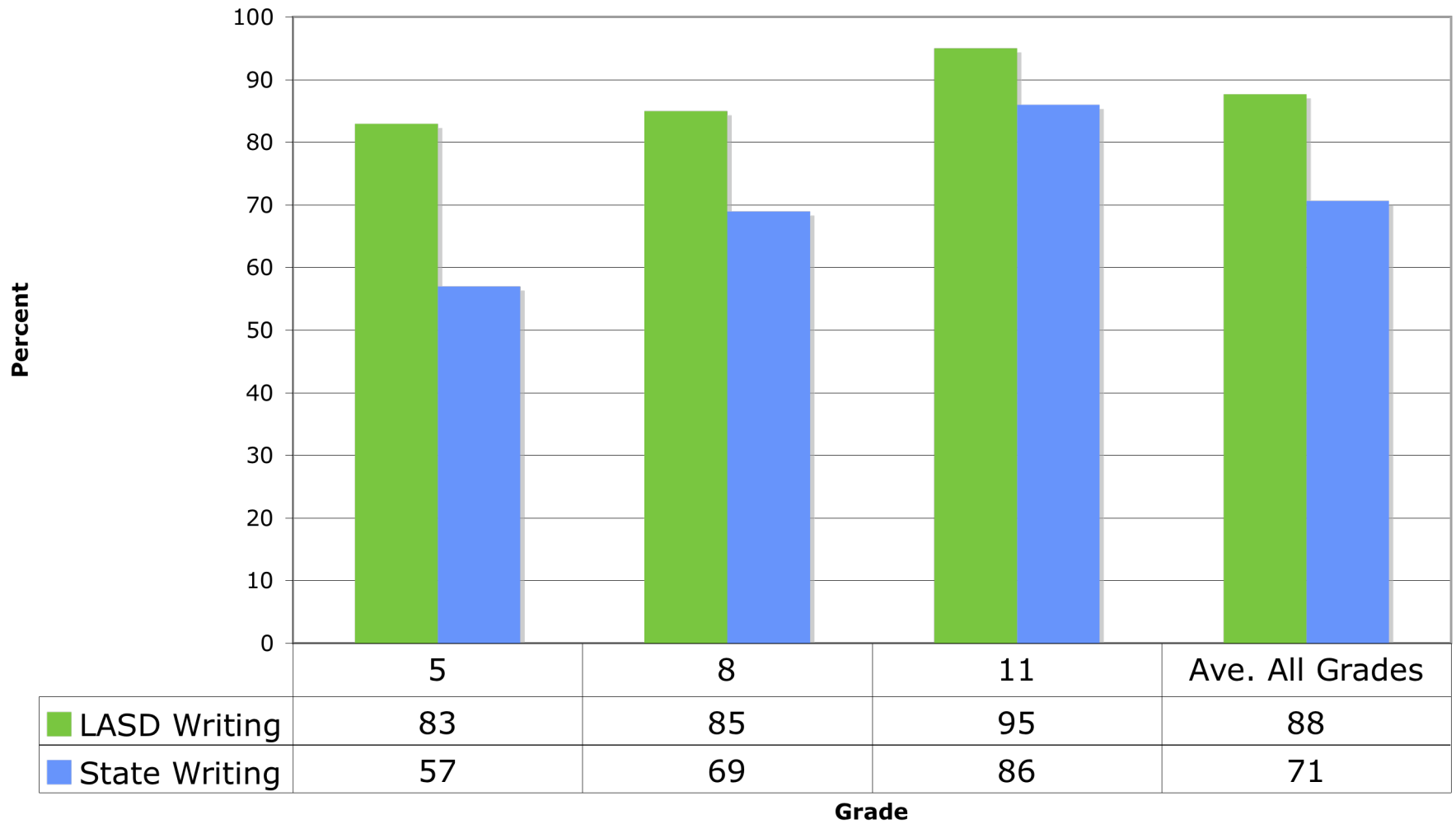
**2008 PSSA Math Scores - Percentage Advanced & Proficient
Lewisburg Scores Compared to State Average**



2009 PSSA Writing Scores Percentage Advanced & Proficient

Grade	LASD Writing	State Writing
5	83	57
8	85	69
11	95	86
Ave. All Grades	88	71

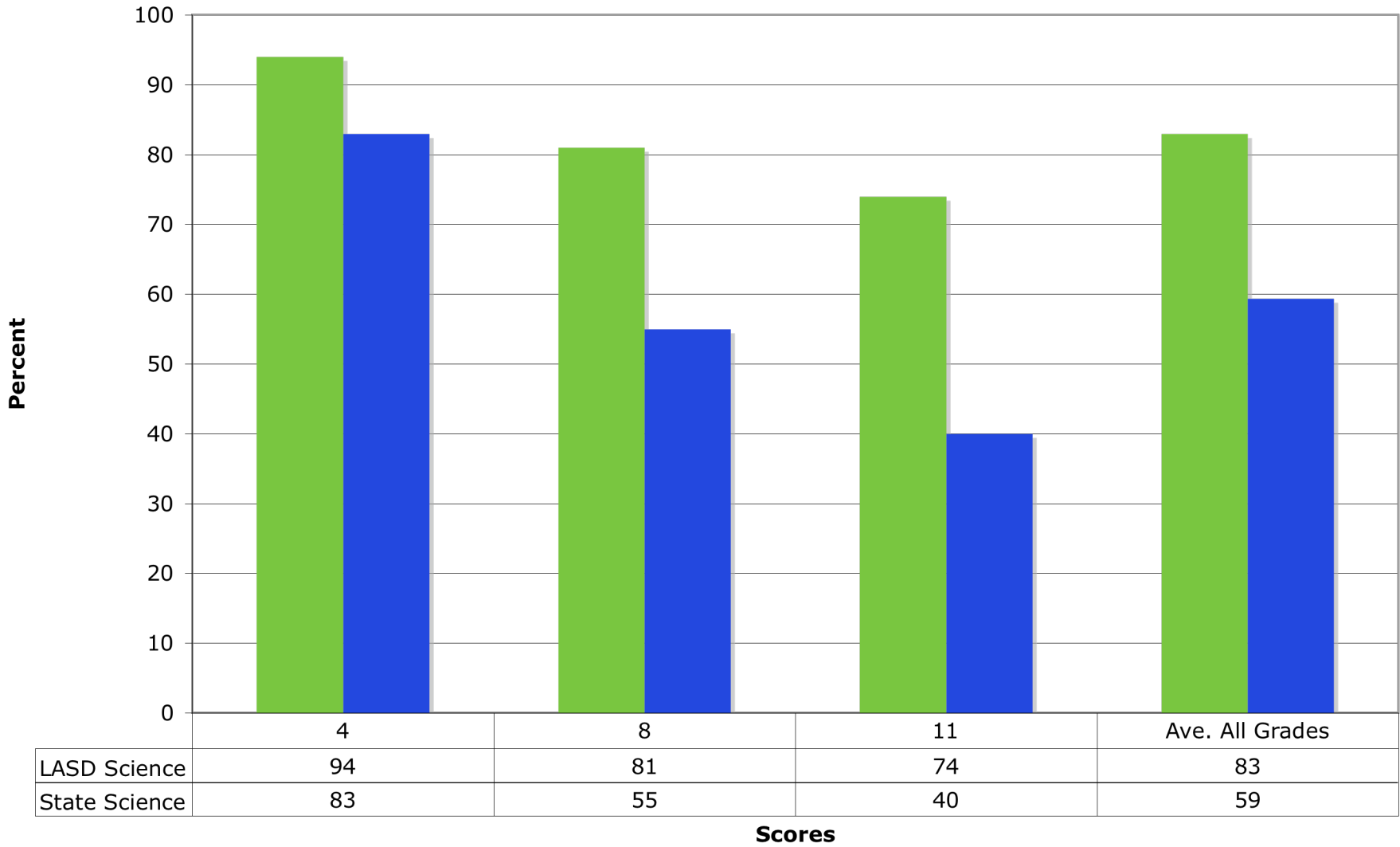
2009 PSSA Writing Scores - Students Scoring Advanced & Proficient vs. State Average



2009 PSSA Science Scores Percentage Advanced & Proficient

Grade	LASD Science	State Science
4	94	83
8	81	55
11	74	40
Ave. All Grades	83	59

2009 PSSA Science Scores - Percent Advanced and Proficient vs. State Average



2009 PSSA Math I.U. and State Rankings

Grade	Math		I.U. Rank	State Rank
	% Adv. & Prof	State Ave.	of 17 Districts	of 500 Districts
3	87.7%	81.7%	9th	216th
4	89.6%	81.8%	9th	165th
5	90.7%	73.5%	2nd	34th
6	93.4%	75.7%	1st	21st
7	87.1%	75.3%	2nd	88th
8	90.6%	71.3%	1st	19th
11	74.1%	55.6%	3rd	42nd
Total	87.6%	73.6%	1st	33rd

2009 PSSA Reading I.U. and State Rankings

Grade	Reading		I.U.Rank	State Rank
	% Adv. & Prof	State Ave.	of 17 Districts	of 500 Districts
3	84.3%	71.0%	6th	194th
4	79.8%	72.6%	6th	181st
5	82.2%	64.5%	1st	43rd
6	83.6%	67.6%	2nd	64th
7	79.9%	71.4%	5th	137th
8	92.9%	80.5%	1st	45th
11	84.0%	65.2%	1st	27th
Total	83.8%	70.4%	1st	62nd

2009 PSSA Writing I.U. and State Rankings

Grade	Writing		I.U. Rank	State Rank
	% Adv. & Prof	State Ave.	of 17 Districts	of 500 Districts
5	83.0%	58.1%	1st	31st
8	84.5%	71.2%	3rd	107th
11	94.4%	82.7%	3rd	52nd
Total	87.3%	72.7%	1st	33rd

2009 PSSA Science Performance Levels

Grade	Science		I.U. Rank	State Rank
	% Adv. & Prof	State Ave.	of 17 Districts	of 500 Districts
4	93.8%	83.4%	5th	130th
8	80.5%	54.8%	1st	18th
11	74.4%	39.7%	1st	6th
Total	82.9%	62.7%	1st	6th

2009 PSSA Performance Levels Grades 3 and 4

Gr. 3				Gr. 3			
	Reading	Reading			Math	Math	
	Kelly	State	Students		Kelly	State	Students
	%	%			%	%	
Below Basic	6%	13%	8	Below Basic	3%	5%	4
Basic	9%	10%	13	Basic	9%	13%	13
Proficient	42%	51%	60	Proficient	40%	38%	58
Advanced	44%	26%	63	Advanced	48%	44%	69
	100%	100%	144		100%	100%	144
Gr. 4				Gr. 4			
	Reading	Reading			Math	Math	
	Linn	State	Students		Linn	State	Students
	%	%			%	%	
Below Basic	11%	14%	15	Below Basic	8%	9%	10
Basic	13%	14%	17	Basic	7%	9%	9
Proficient	25%	36%	33	Proficient	22%	31%	29
Advanced	51%	36%	68	Advanced	64%	51%	85
	100%	100%	133		100%	100%	133

Gr. 4			
	Science	Science	
	Linn	State	Students
	%	%	
Below Basic	0%	5%	0
Basic	6%	12%	9
Proficient	29%	41%	41
Advanced	65%	42%	93
Total	100%	100%	134

2009 PSSA Performance Levels Grade 5

Gr. 5	Reading		Students	Math		Students
	Linn	State		Linn	State	
	%	%		%	%	
Below Basic	9%	18%	12	Below Basic	2%	3
Basic	9%	17%	11	Basic	7%	9
Proficient	43%	42%	56	Proficient	19%	25
Advanced	39%	23%	50	Advanced	71%	92
	100%	100%	129		100%	129

Gr. 5	Writing		Students
	Linn	State	
	%	%	
Below Basic	0%	1%	0
Basic	17%	41%	22
Proficient	73%	55%	94
Advanced	10%	3%	13
	100%	100%	129

2009 PSSA Performance Levels Grades 6 & 7

Gr. 6	Reading	Reading			Math	Math	
	MS	State			MS	State	
	%	%	Students		%	%	Students
Below Basic	6%	14%	9	Below Basic	1%	11%	2
Basic	11%	18%	17	Basic	6%	13%	9
Proficient	18%	31%	27	Proficient	14%	26%	21
Advanced	65%	37%	99	Advanced	79%	50%	121
	100%	100%	152		100%	100%	153
Gr. 7	Reading	Reading			Math	Math	
	MS	State			MS	State	
	%	%	Students		%	%	Students
Below Basic	6%	11%	7	Below Basic	5%	12%	6
Basic	15%	17%	18	Basic	8%	13%	10
Proficient	20%	30%	25	Proficient	28%	28%	35
Advanced	60%	42%	74	Advanced	59%	47%	73
	100%	100%	124		100%	100%	124

2009 PSSA Performance Levels Grade 8

Gr. 8	Reading				Math		
	MS	State			MS	State	
	%	%	Students		%	%	Students
Below Basic	5%	11%	6	Below Basic	2%	13%	2
Basic	2%	9%	2	Basic	6%	16%	8
Proficient	15%	25%	19	Proficient	21%	26%	26
Advanced	79%	55%	99	Advanced	71%	45%	90
	100%	100%	126		100%	100%	126
Gr. 8	Writing			Gr. 8	Science		
	HS	State	Students		HS	State	Students
	%	%			%	%	
Below Basic	1%	4%	1	Below Basic	11%	24%	14
Basic	14%	25%	18	Basic	8%	21%	10
Proficient	70%	60%	90	Proficient	31%	33%	39
Advanced	15%	11%	19	Advanced	50%	22%	64
	100%	100%	128		100%	100%	127

2009 PSSA Performance Levels Grade 11

Gr. 11	Reading	Reading			Math	Math	
	HS	State	Students		HS	State	Students
	%	%			%	%	
Below Basic	7%	19%	12	Below Basic	12%	25%	19
Basic	9%	16%	14	Basic	14%	19%	23
Proficient	27%	32%	44	Proficient	42%	30%	68
Advanced	57%	33%	92	Advanced	32%	26%	52
	100%	100%	162		100%	100%	162
Gr. 11	Writing	Writing		Gr. 11	Science	Science	
	HS	State	Students		HS	State	Students
	%	%			%	%	
Below Basic	0%	2%	0	Below Basic	8%	20%	12
Basic	5%	15%	8	Basic	18%	40%	29
Proficient	65%	68%	105	Proficient	36%	23%	58
Advanced	30%	15%	48	Advanced	38%	17%	61
	100%	100%	161		100%	100%	160

PSSA Scaled Scores 2009

Grades 3-5

Grade 3	Scaled Score	Kelly	State	Diff	Significant
	Reading	1400	1340	60	Yes
	Math	1360	1330	30	No
Grade 4	Scaled Score	Linn	State	Diff	Significant
	Reading	1460	1380	80	Yes
	Math	1550	1460	90	Yes
	Science	1550	1450	100	Yes
Grade 5	Scaled Score	Linn	State	Diff	Significant
	Reading	1420	1330	90	Yes
	Math	1570	1450	120	Yes
	Writing	1490	1300	190	Yes

PSSA Scaled Scores 2009

Grades 6-8

Grade 6	Scaled Score	MS	State	Diff	Significant
	Reading	1500	1370	130	Yes
	Math	1690	1470	220	Yes
Grade 7	Scaled Score	MS	State	Diff	Significant
	Reading	1520	1410	110	Yes
	Math	1590	1460	130	Yes
Grade 8	Scaled Score	MS	State	Diff	Significant
	Reading	1650	1500	150	Yes
	Math	1550	1420	130	Yes
	Science	1430	1300	130	Yes
	Writing	1460	1360	100	Yes

PSSA Scaled Scores 2009

Grade 11

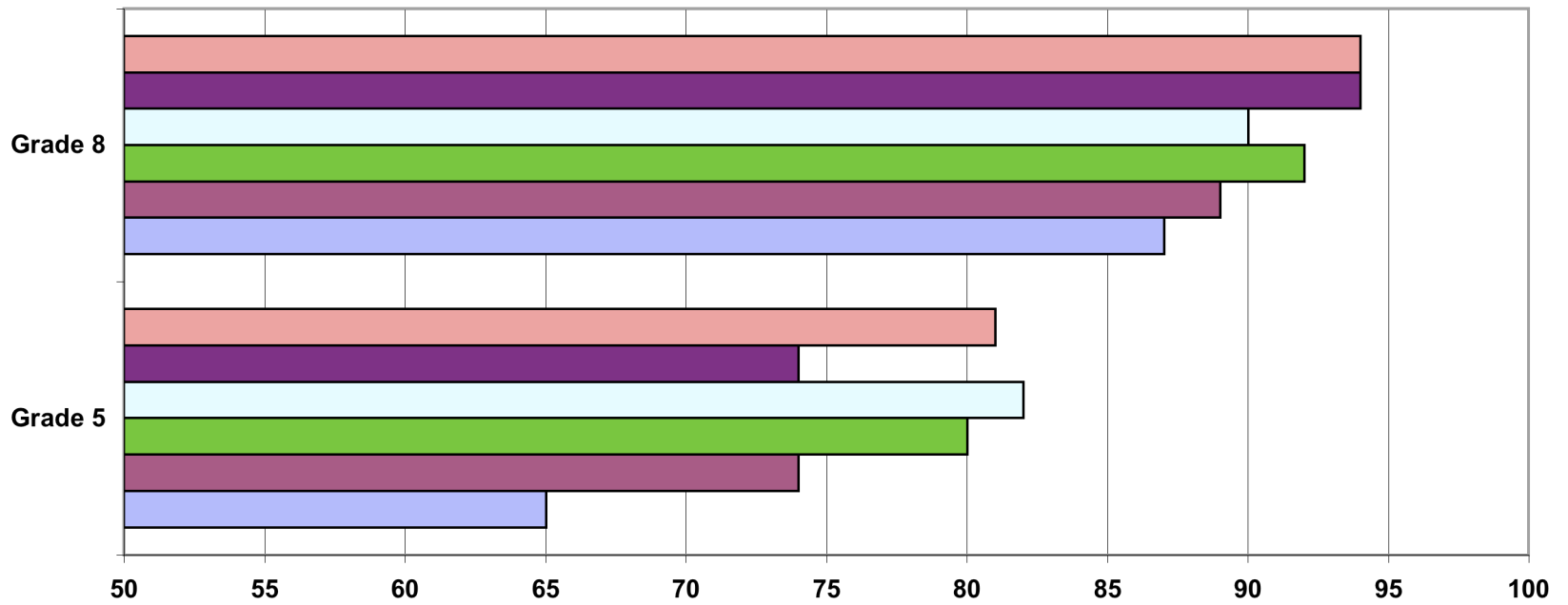
Grade 11	Scaled Score	HS	State	Diff	Significant
	Reading	1510	1350	160	Yes
	Math	1420	1370	50	Yes
	Science	1320	1240	80	Yes
	Writing	1610	1480	130	Yes

Assessment Trends

This section provides comparisons of how our students have performed at each grade level dating back to 1996 and follows the progress of graduating classes back to when they were in fifth grade.

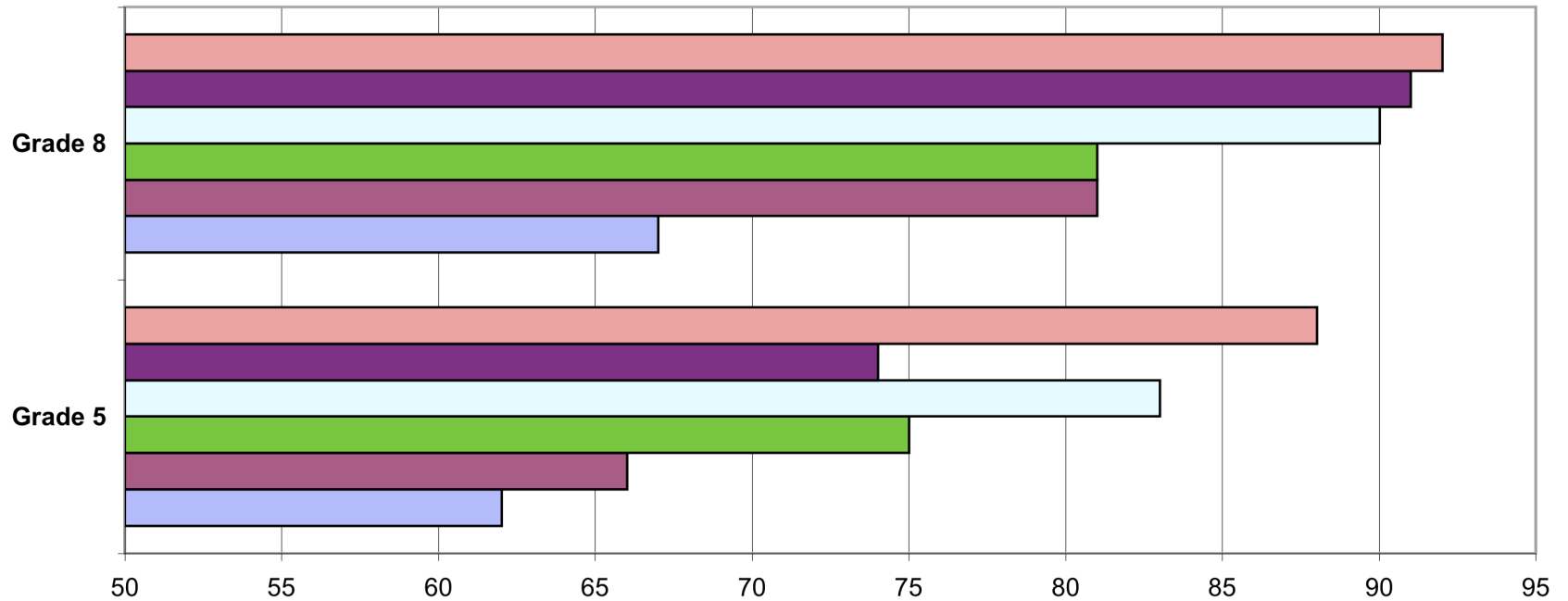
Please be advised that such measures are designated as general trends. Student populations change within each class over time, which may affect the outcome of performance scores. This data is to be used as a rough estimate of student progress over time.

Reading Performance Level History by Class Grades 5 to 8 Percent Advanced and Proficient



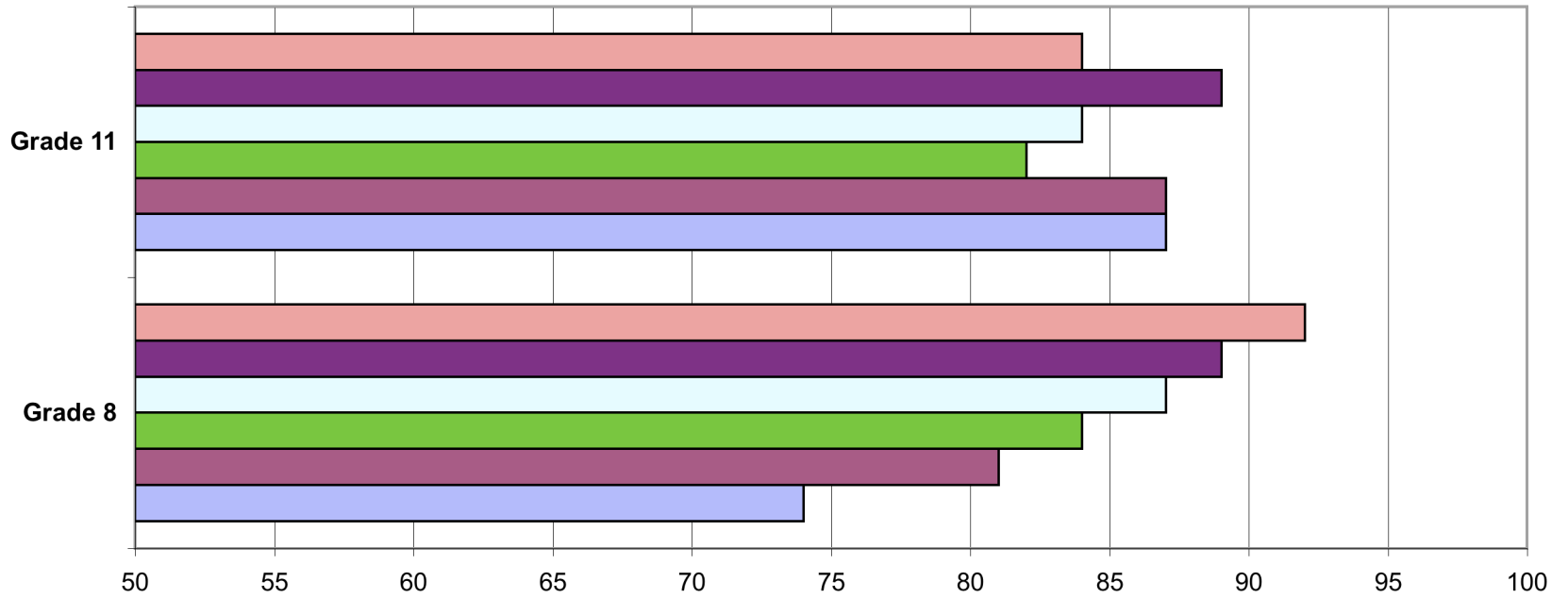
	Grade 5	Grade 8
■ Class of 2013	81	94
■ Class of 2012	74	94
■ Class of 2011	82	90
■ Class of 2010	80	92
■ Class of 2009	74	89
■ Class of 2008	65	87

Math Performance History Grades 5 to 8 Percent Advanced & Proficient



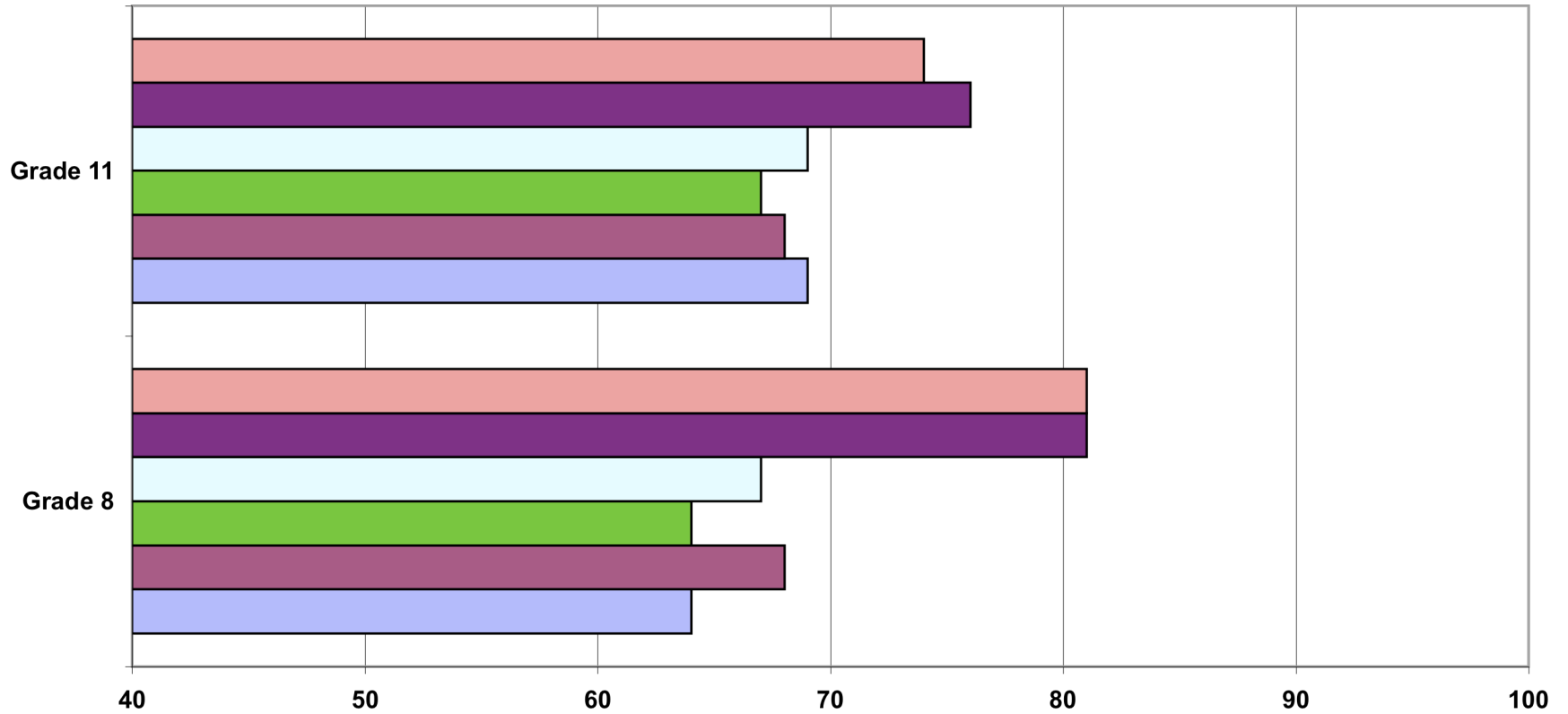
	Grade 5	Grade 8
■ Class of 2013	88	92
■ Class of 2012	74	91
■ Class of 2011	83	90
■ Class of 2010	75	81
■ Class of 2009	66	81
■ Class of 2008	62	67

Reading Performance Level History by Class Grades 8 to 11 Percent Advanced & Proficient



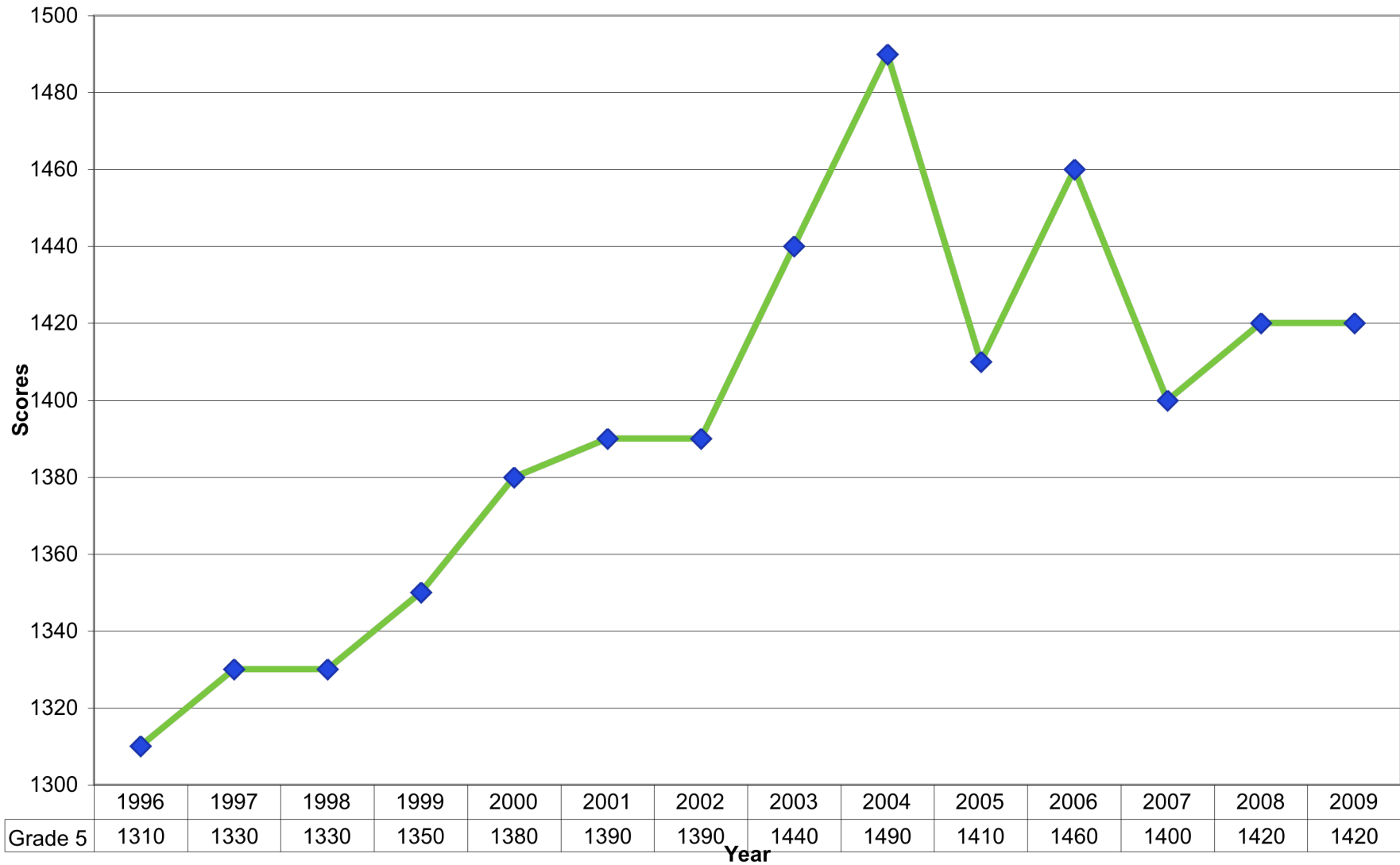
	Grade 8	Grade 11
■ Class of 2010	92	84
■ Class of 2009	89	89
■ Class of 2008	87	84
■ Class of 2007	84	82
■ Class of 2006	81	87
■ Class of 2005	74	87

Math Performance Level History by Class Grades 8 to 11 Percent Advanced & Proficient

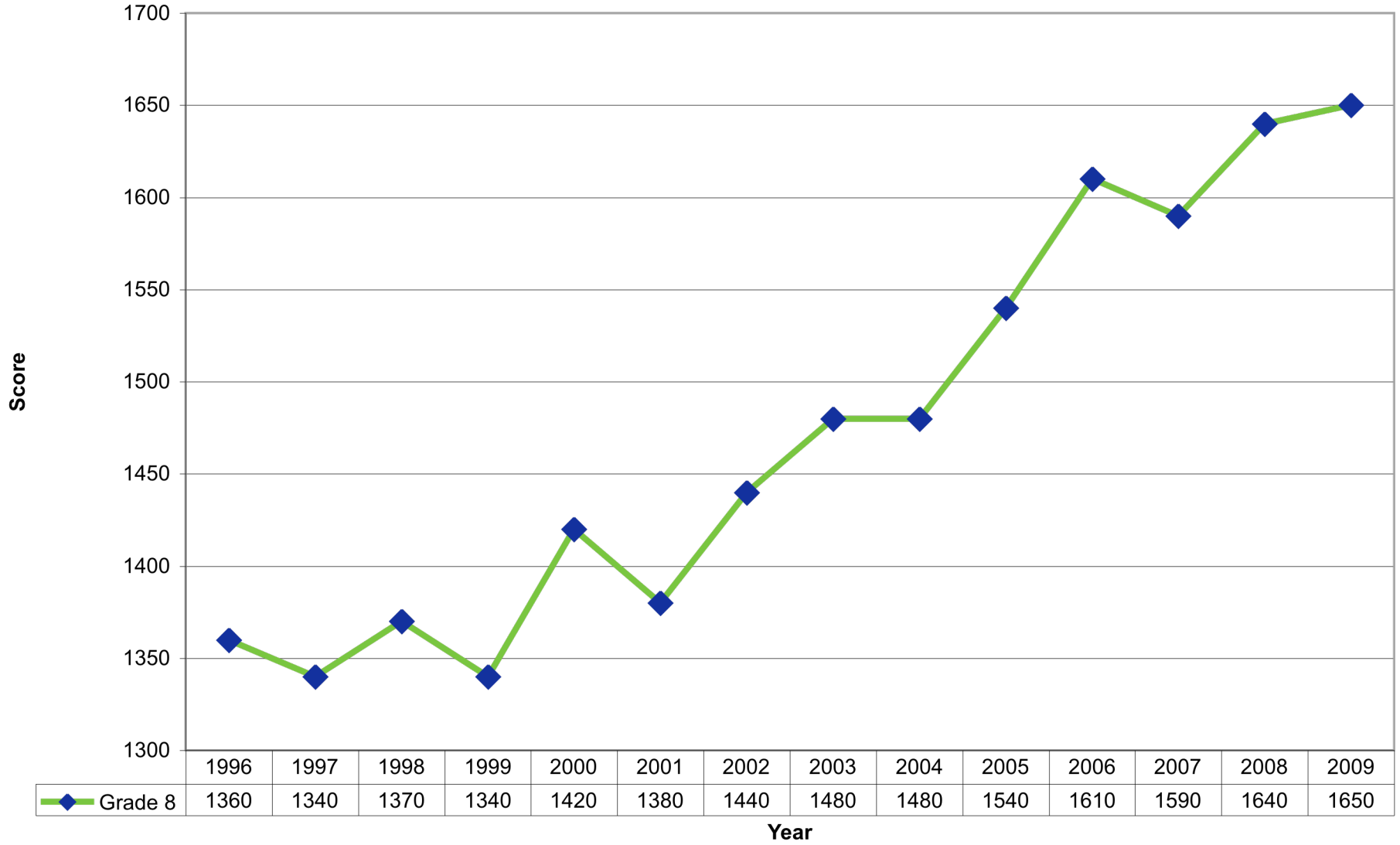


	Grade 8	Grade 11
Class of 2010	81	74
Class of 2009	81	76
Class of 2008	67	69
Class of 2007	64	67
Class of 2006	68	68
Class of 2005	64	69

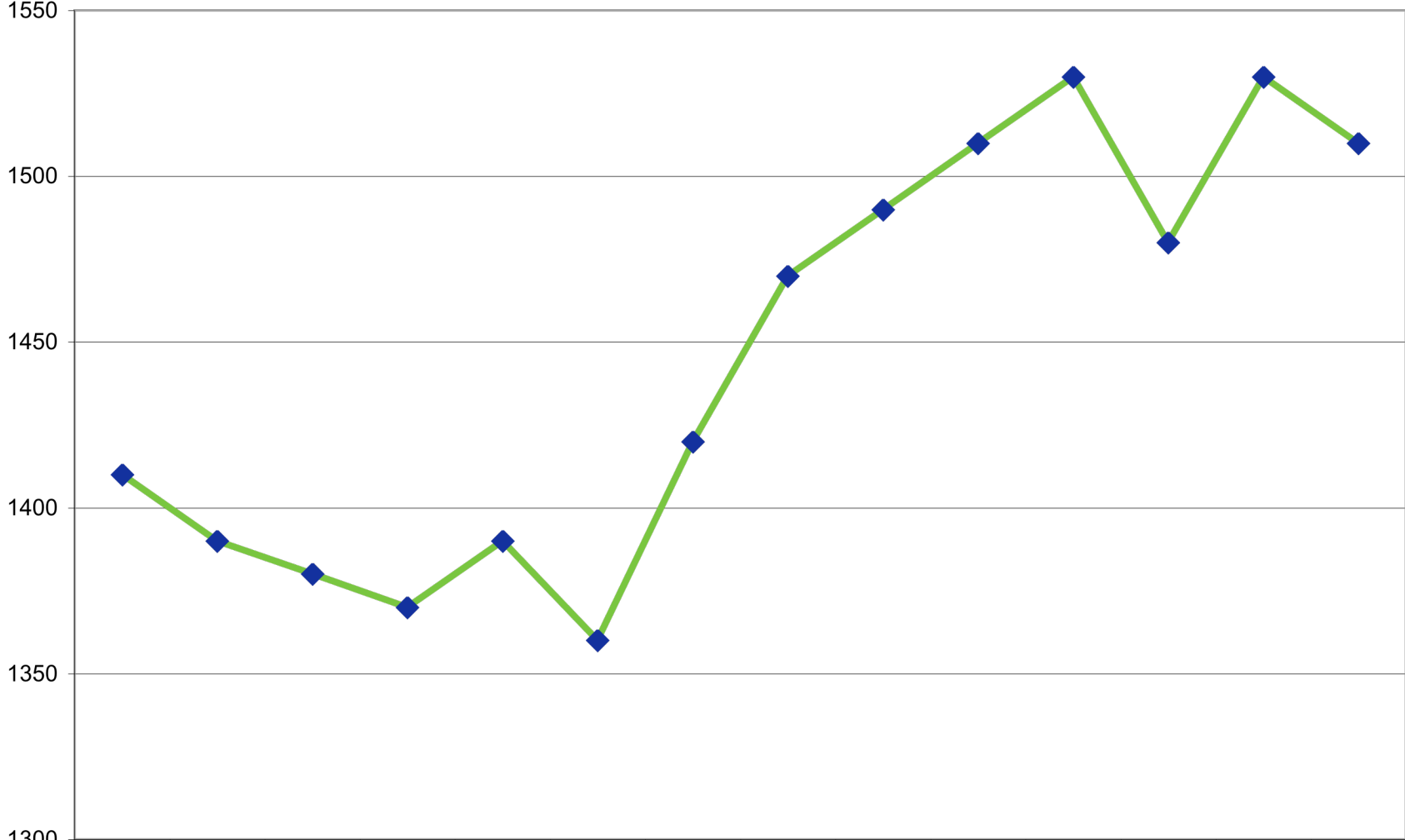
Grade 5 PSSA Scaled Score History - Reading



Grade 8 PSSA Scaled Score History - Reading



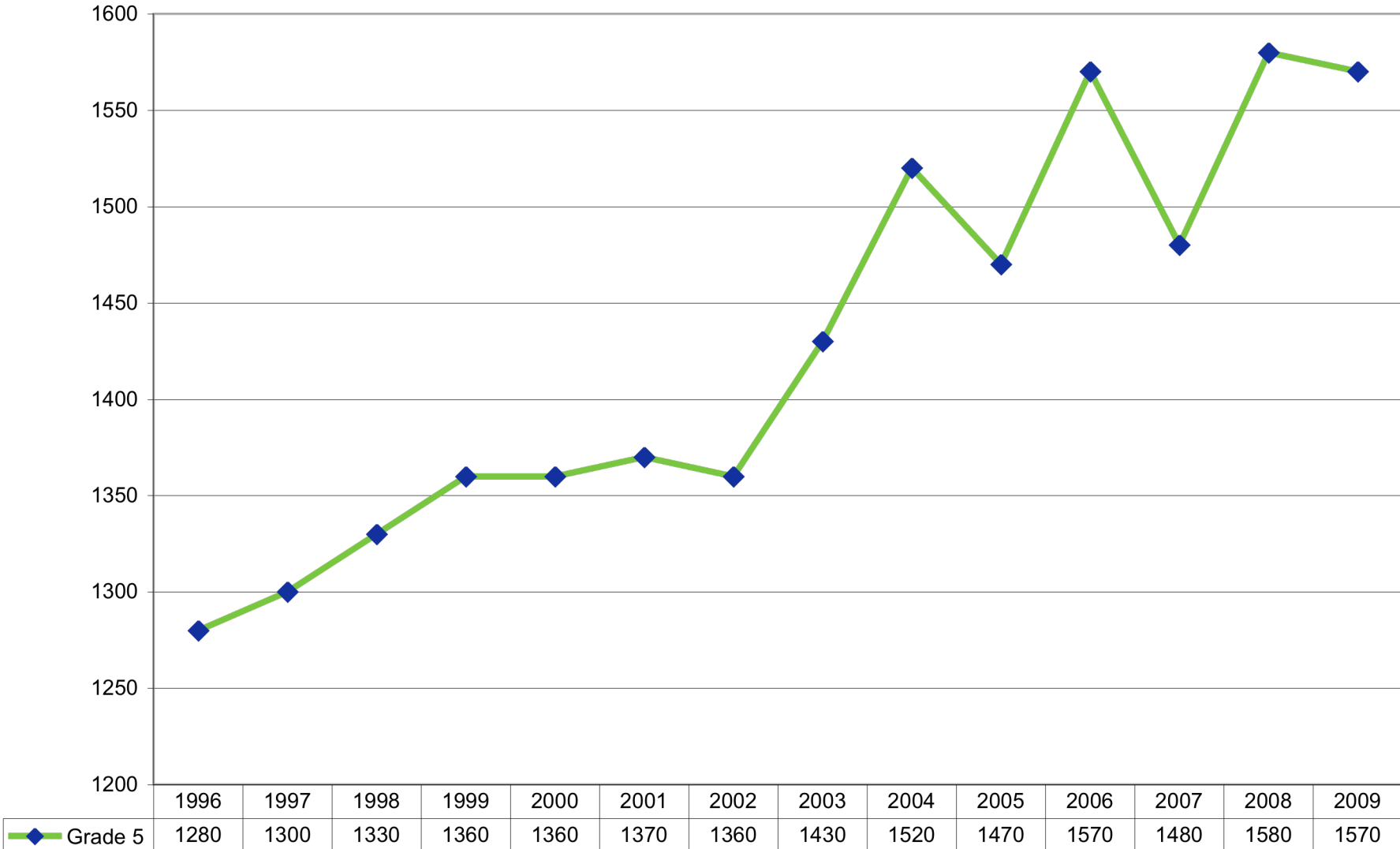
Grade 11 Scaled Score History - Reading



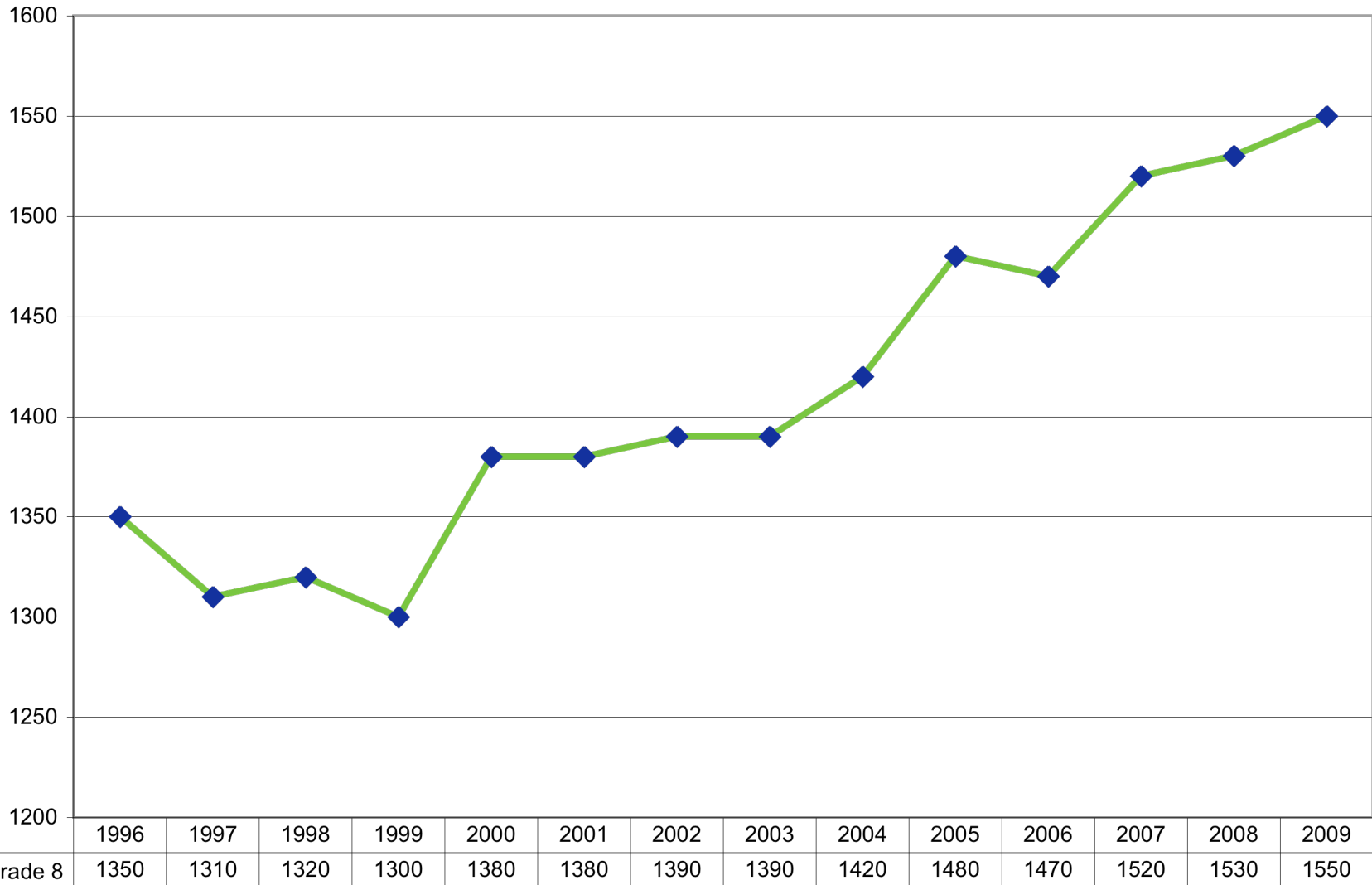
◆ Grade 11

1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
1410	1390	1380	1370	1390	1360	1420	1470	1490	1510	1530	1480	1530	1510

Grade 5 PSSA Scaled Score History - Math



Grade 8 PSSA Scaled Score History - Math



Grade 11 PSSA Scaled Score History - Math



◆ Grade 11

1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009
1370	1390	1420	1410	1380	1360	1360	1390	1400	1410	1410	1420	1460	1420

2009 PSSA Conclusions

Commendations

- Lewisburg ranks in the top 2% of school districts in the state for overall student performance in science, the top 7% in math and writing, and the top 13% in reading.
- Our economically disadvantaged population improved significantly in math and reading.
- Our IEP students showed growth in math.
- Lewisburg continues to be one of the top performing school districts in the region and the state.

Concerns

- The disaggregated group scores of IEP students continue to be lower than expected and need to improve significantly.
- We need to improve our overall performance in reading at most grade levels.

SAT Results and History

SAT Verbal Results (Critical Reading)

	LAHS	State	National
Year	Verbal	Verbal	Verbal
95-96	533	498	505
96-97	544	498	505
97-98	524	497	505
98-99	556	498	505
99-00	539	498	505
00-01	526	500	506
01-02	512	498	504
02-03	533	500	507
03-04	546	501	508
04-05	550	501	508
05-06	530	493	503
06-07	536	493	503
07-08	539	494	502
08-09	548	493	501

SAT Math Results

	LAHS	State	National
Year	Math	Math	Math
95-96	518	492	508
96-97	538	495	511
97-98	511	495	512
98-99	556	495	511
99-00	542	497	514
00-01	525	499	514
01-02	516	500	516
02-03	519	502	519
03-04	517	502	518
04-05	551	503	520
05-06	535	500	518
06-07	527	499	515
07-08	527	501	515
08-09	543	501	515

SAT Writing Results (4th Year)

Year	LAHS Writing	State Writing	National Writing
05-06	511	483	497
06-07	520	482	494
07-08	528	483	494
08-09	537	483	493

Combined Verbal and Math SAT Scores and Percentage Tested

Year	LAHS Total	State Total	National Total	# Tested	# In Class	% Tested
95-96	1051	990	1013	118	134	88.1%
96-97	1082	993	1016	89	109	81.7%
97-98	1035	992	1017	106	138	76.8%
98-99	1112	993	1016	87	106	82.1%
99-00	1081	995	1019	118	142	83.1%
00-01	1051	999	1020	105	135	77.8%
01-02	1028	998	1020	122	154	79.2%
02-03	1052	1002	1026	101	126	80.2%
03-04	1063	1003	1026	106	135	78.5%
04-05	1101	1004	1028	126	150	84.0%
05-06	1065	993	1018	112	143	78.3%
06-07	1063	992	1017	130	150	86.7%
07-08	1066	995	1017	129	161	80.1%
08-09	1091	994	1016	116	131	88.5%

Overall Conclusions

District Strengths

- High national achievement test scores in grades nine and ten.
- Excellent PSSA math, science, and writing scores at the secondary level, and at the fourth and fifth grade benchmark years.
- High SAT scores and participation rates in comparison to state and national average.

Areas Needing Improvement for Achievement Growth

- The percentage of students scoring at the advanced and proficient levels must improve significantly for our special education population.
- We need to refocus our efforts on reading across the district to improve overall performance in this area.