

Lewisburg Area School District



Data Analysis Report Spring 2008 Assessments

Spring 2008 Terra Nova Results
Spring 2008 PSSA Results
2007-2008 SAT Results

September 11, 2008

This report provides a review of the assessment data and information regarding the Lewisburg Area School District for the 2007-2008 School Year.

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Variables to Consider When Viewing the 2008 Data Results

- **The Terra Nova Exams were updated to the Terra Nova 3 version based on 2007 norms and include more rigorous test items correlated to the National Assessment of Educational Progress (NAEP) Exam.**
- **There were several disruptions to the instructional schedule in late January and February due to inclement weather with 5 school closings and 3 delayed openings.**
- **It was a year of transition at Kelly Elementary School. Eight of the twenty-nine classroom teachers (28%) were new to the school or to their teaching assignment. Also, the building was supervised by four different principals over a six month period.**
- **Our special education and economically disadvantaged populations increased in comparison to the previous year.**

Terra Nova Achievement Test

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

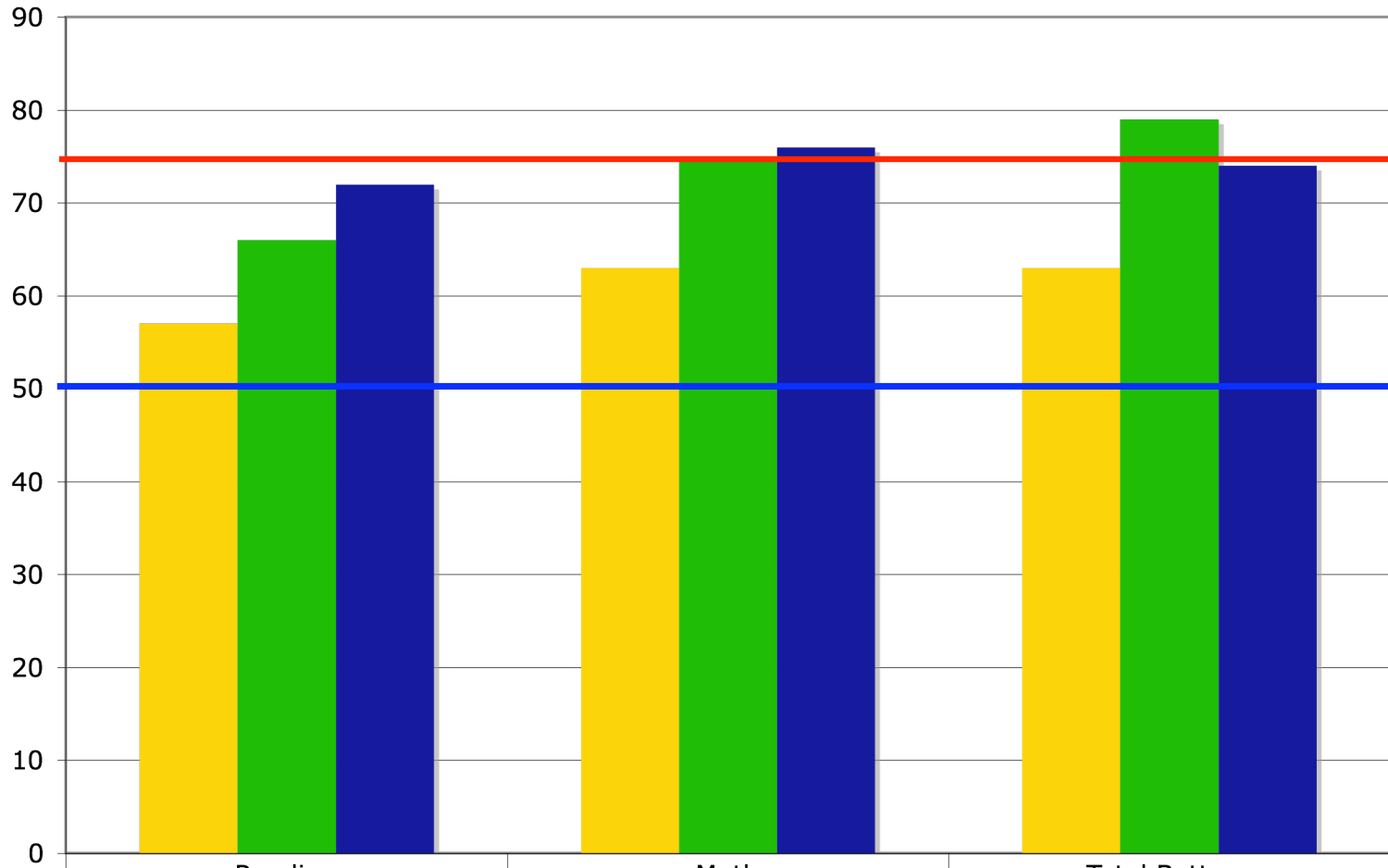
Terminology

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.

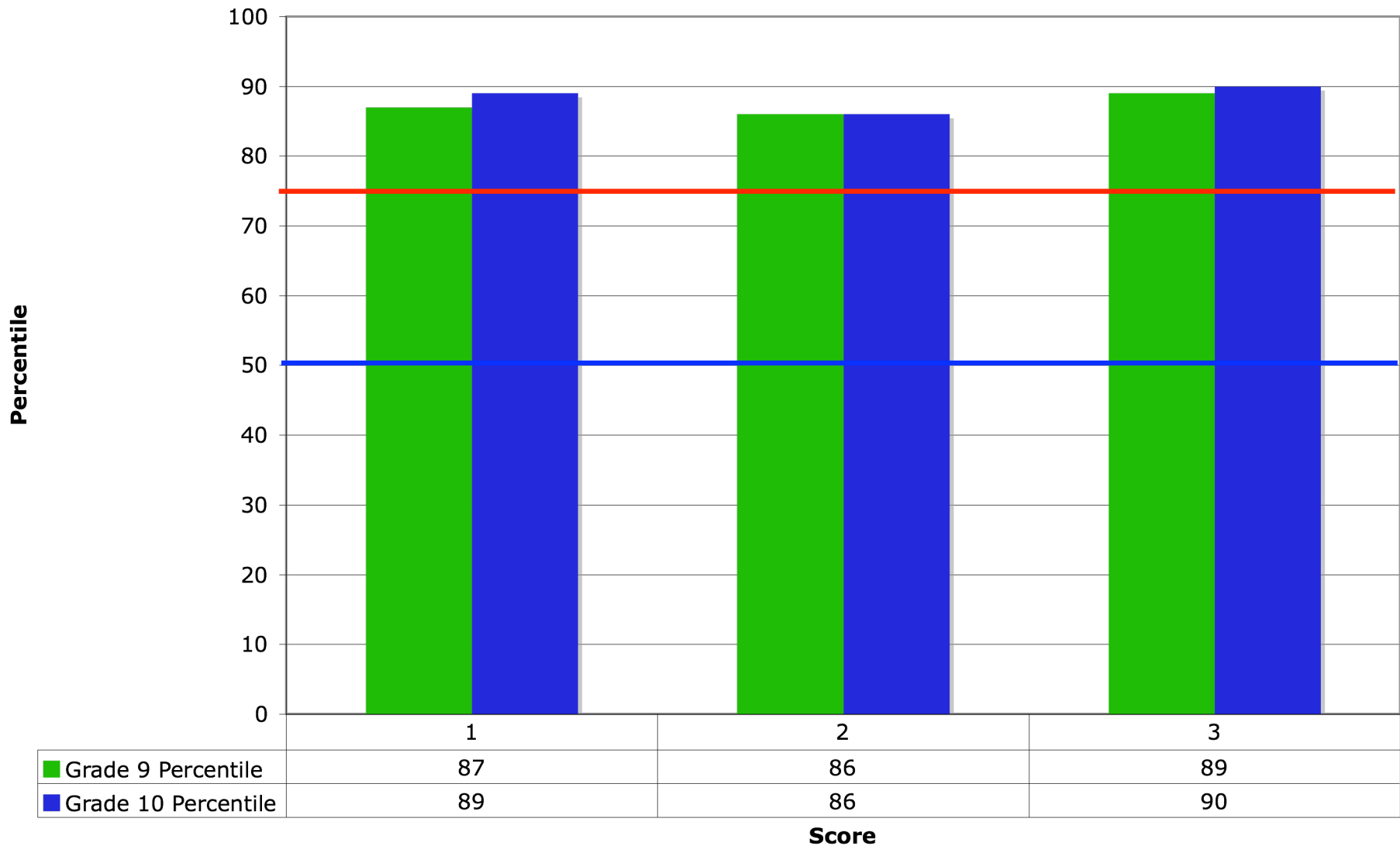
K-2 Terra Nova National Percentile Performance



Kindergarten Percentile	57	63	63
Grade 1 Percentile	66	75	79
Grade 2 Percentile	72	76	74

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.

Grade 9-10 Terra Nova Percentile Performance 2008



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 2008 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 also administered the state writing 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

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%
2008	63%	56%
2007	54%	45%

AYP Status from PDE Web Site

District/School	Met AYP	2003	2004	2005	2006	2007	2008
LASD	Y	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
Linntown	Y	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
High School	Y	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	2008	2007	2006
	Reading	Reading	Reading
3	87	80	80
4	76	83	79
5	78	73	81
6	84	82	76
7	85	87	88
8	93	90	92
11	89	84	83
Dist.Totals	85	83	83

Red = Tied or exceeded all time high

PSSA Math Results

Grade	2008	2007	2006
	Math	Math	Math
3	86	90	96
4	86	94	94
5	88	82	88
6	90	87	80
7	85	84	92
8	90	90	81
11	76	69	68
Dist. Totals	86	85	86

Red = Tied or exceeded all time high

PSSA Disaggregated Groups

Math - Percent Advanced & Proficient			
Dist. Totals	86	85	86
All Students	933	957	923
IEP Totals	43	43	38
IEP Stds.	109	101	93
Percent	12%	11%	10%
ED Totals	59	66	64
ED Students	178	175	156
Percentage	19%	18%	17%

PSSA Disaggregated Groups

Reading - Percent Advanced & Proficient			
Dist.Totals	85	83	83
All Students	933	957	923
IEP Totals	40	30	30
IEP Stds.	109	101	93
Percent	12%	11%	10%
ED Totals	60	61	70
ED Students	178	175	156
Percentage	19%	18%	17%

2008 PSSA Reading Scores Percentage Advanced & Proficient

Grade	LASD	State	NCLB Req.
	Reading	Reading	Reading
3	87	77	63
4	76	70	63
5	78	62	63
6	84	67	63
7	85	70	63
8	93	78	63
11	89	65	63
Ave. All Grades	85	70	63

2008 PSSA Math Scores

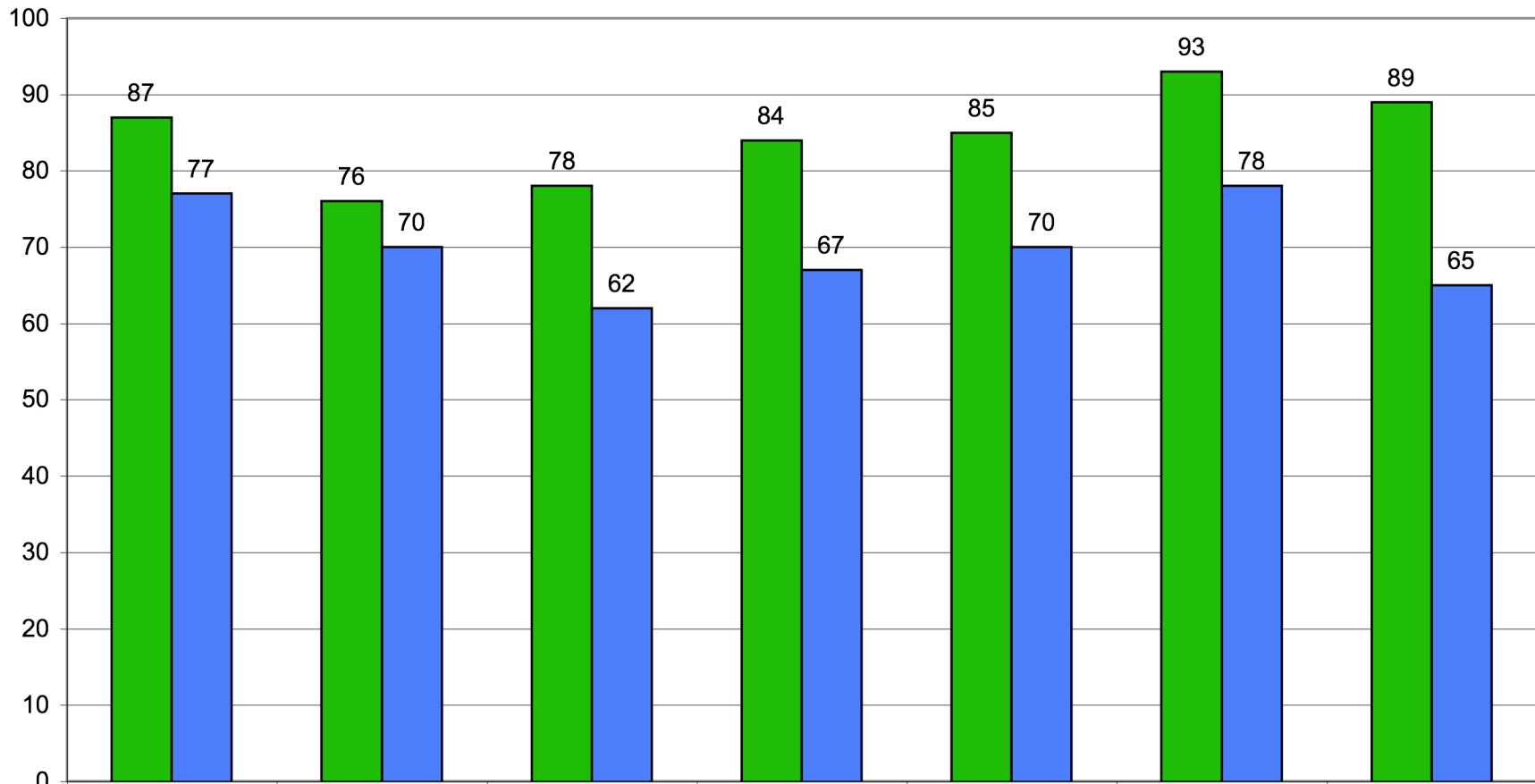
Percentage Advanced & Proficient

Grade	LASD Math	State Math	NCLB Req. Math
3	86	81	56
4	86	80	56
5	88	73	56
6	91	72	56
7	85	71	56
8	90	70	56
11	76	56	56
Ave. All Grades	86	72	56

2008 PSSA Writing Scores Percentage Advanced & Proficient

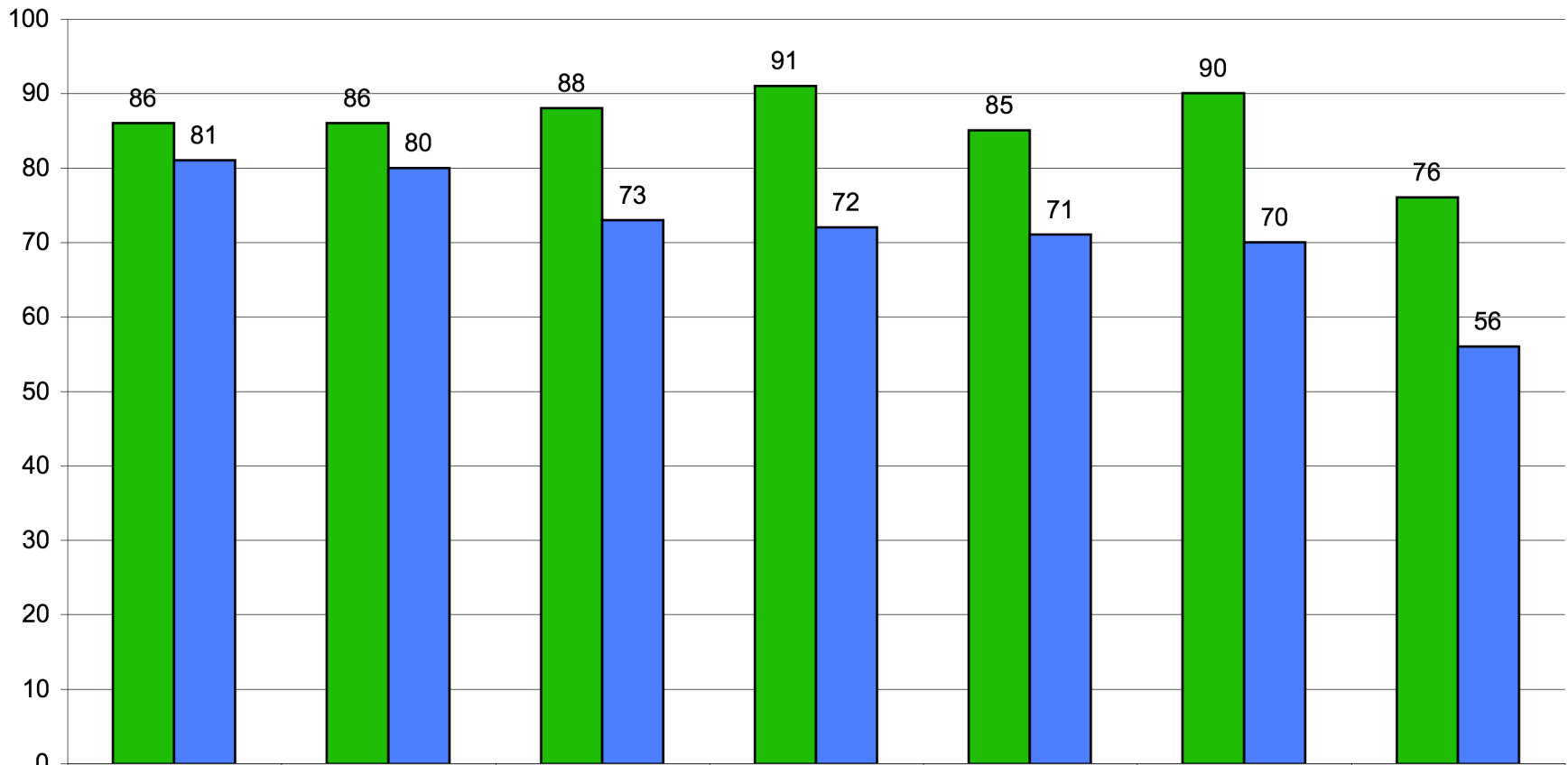
	LASD	State
	Writing	Writing
Grade 5	85	57
Grade 8	87	69
Grade 11	91	86

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



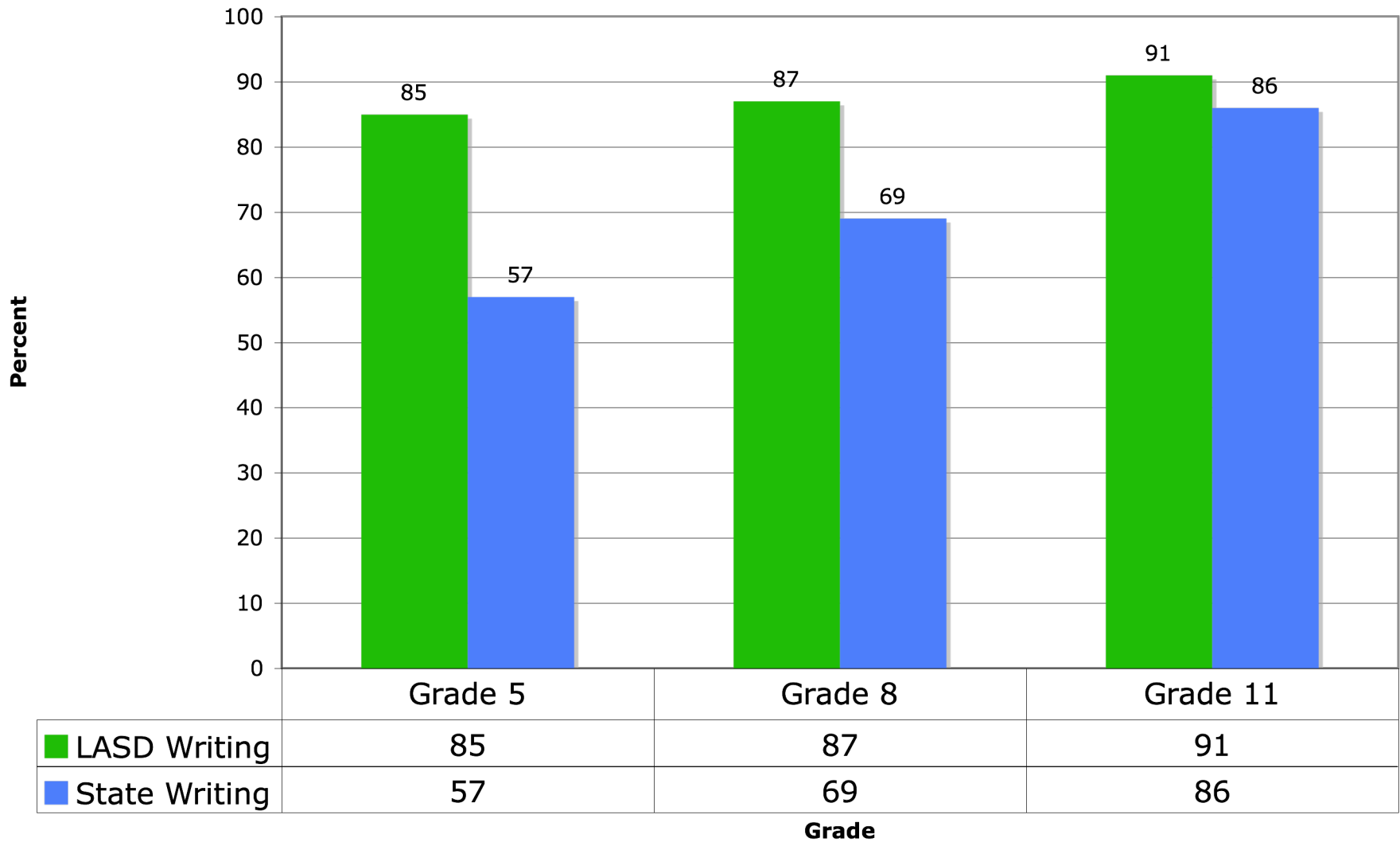
■ LASD	87	76	78	84	85	93	89
■ State	77	70	62	67	70	78	65

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



	3	4	5	6	7	8	11
■ LASD	86	86	88	91	85	90	76
■ State	81	80	73	72	71	70	56

2008 PSSA Writing Scores - Percent Advanced and Proficient



2008 PSSA Reading Performance Levels

Lewisburg Ranks in the Top 9% of the 501 PA School Districts in Overall Performance

Grade	Percent Scoring Advanced & Proficient	IU Rank of 17 Districts	State Rank of 501 Districts	
3	87	4th	131st	Top 27%
4	76	7th	217th	Top 44%
5	78	1st	63rd	Top 13%
6	84	1st	48th	Top 10%
7	85	1st	55th	Top 11%
8	93	1st	34th	Top 7%
11	89	1st	10th	Top 2%
All Grades Combined	85	1st	45th	Top 9 %

2008 PSSA Math Performance Levels

Lewisburg Ranks in the Top 9% of the 501 PA School Districts in Overall Performance

Grade	Percent Scoring Advanced & Proficient	IU Rank of 17 Districts	State Rank of 501 Districts	
3	86	12th	231st	Top 46%
4	86	6th	213th	Top 43%
5	88	1st	66th	Top 14%
6	91	1st	20th	Top 4%
7	85	3rd	79th	Top 16%
8	90	1st	16th	Top 4%
11	76	1st	37th	Top 8%
All Grades Combined	86	1st	43rd	Top 9%

2008 PSSA Science Performance Levels

Grade	Percent Scoring Advanced & Proficient	IU Rank of 17 Districts	State Rank of 501 Districts	
4	88	9th	261st	Top 52%
8	78	1st	23rd	Top 5%
11	68	1st	7th	Top 2%
All Grades Combined	78	1st	14th	Top 3%

Grade	Number scored Science	% Advanced Science	% Proficient Science	% Basic Science	% Below Basic Science
4	133	57.9	30.1	8.3	3.8
8	143	42.0	35.7	11.2	11.2
11	119	37.8	30.3	23.5	8.4

2008 PSSA Performance Levels Grades 3 and 4

Gr. 3		Reading	Reading			Math	Math
	Students	Kelly	State		Students	Kelly	State
		%	%			%	%
Advanced	54	38%	20%	Advanced	77	53%	43%
Proficient	71	49%	57%	Proficient	47	33%	38%
Basic	12	8%	11%	Basic	18	13%	13%
Below Basic	7	5%	12%	Below Basic	2	1%	6%
	144	100%	100%		144	100%	100%
Gr. 4		Reading	Reading			Math	Math
	Students	Linntown	State		Students	Linntown	State
		%	%			%	%
Advanced	68	51%	34%	Advanced	85	64%	50%
Proficient	33	25%	36%	Proficient	29	22%	30%
Basic	17	13%	16%	Basic	9	7%	8%
Below Basic	15	11%	14%	Below Basic	10	8%	12%
	133	100%	100%		133	101%	100%

2008 PSSA Performance Levels Grade 5

Gr. 5	Reading			Math			
	Students	Linntown	State	Students	Linntown	State	
		%	%		%	%	
Advanced	60	42%	23%	Advanced	99	70%	46%
Proficient	51	36%	38%	Proficient	26	18%	28%
Basic	19	13%	20%	Basic	13	9%	16%
Below Basic	12	8%	19%	Below Basic	4	3%	10%
	142	99%	100%		142	100%	100%

Gr. 5	Writing	
	Students	State
		%
Advanced	18	5%
Proficient	104	53%
Basic	22	42%
Below Basic	0	1%
	144	101%

2008 PSSA Performance Levels Grades 6 & 7

Gr. 6		Reading	Read			Math	Math
	Students	MS	State		Students	MS	State
		%	%			%	%
Advanced	52	45%	32%	Advanced	90	78%	47%
Proficient	46	40%	35%	Proficient	16	14%	25%
Basic	11	9%	18%	Basic	6	5%	14%
Below Basic	7	6%	15%	Below Basic	4	3%	14%
	116	100%	100%		116	100%	100%
Gr. 7		Reading	Reading			Math	Math
	Students	MS	State		Students	MS	State
		%	%			%	%
Advanced	76	59%	36%	Advanced	87	67%	44%
Proficient	34	26%	34%	Proficient	22	17%	27%
Basic	11	9%	16%	Basic	9	7%	14%
Below Basic	8	6%	14%	Below Basic	11	9%	15%
	129	100%	100%		129	100%	100%

2008 PSSA Performance Levels Grade 8

Gr. 8		Reading	Reading			Math	Math
	Students	MS	State		Students	MS	State
		%	%			%	%
Advanced	110	77%	54%	Advanced	97	68%	43%
Proficient	23	16%	24%	Proficient	33	23%	28%
Basic	1	1%	10%	Basic	8	6%	14%
Below Basic	8	6%	12%	Below Basic	5	3%	16%
	142	100%	100%		143	100%	101%

Gr. 8		Writing	Writing
	Students	MS	State
		%	%
Advanced	8	5%	2%
Proficient	118	81%	67%
Basic	20	14%	28%
Below Basic	0	0%	3%
	146	100%	100%

2008 PSSA Performance Levels Grade 11

Gr. 11		Reading	Reading			Math	Math
	Students	HS	State		Students	HS	State
		%	%			%	%
Advanced	75	60%	32%	Advanced	51	41%	26%
Proficient	36	29%	33%	Proficient	44	35%	30%
Basic	4	3%	16%	Basic	17	14%	18%
Below Basic	10	8%	19%	Below Basic	13	10%	27%
	125	100%	100%		125	100%	101%

Gr. 11		Writing	Writing
	Students	HS	State
		%	%
Advanced	37	29%	14%
Proficient	78	61%	72%
Basic	8	6%	13%
Below Basic	4	3%	1%
	127	99%	100%

PSSA Scaled Scores 2008

Grade 3	Scaled Score	Kelly	State	Diff	Significant
	Reading	1400	1330	70	Yes
	Math	1380	1330	50	Yes
Grade 4	Scaled Score	Linn	State	Diff	Significant
	Reading	1440	1370	70	Yes
	Math	1530	1450	80	Yes
Grade 5	Scaled Score	Linn	State	Diff	Significant
	Reading	1420	1330	90	Yes
	Math	1580	1450	130	Yes
	Writing	1520	1320	200	Yes

PSSA Scaled Scores 2008

Grade 6	Scaled Score	MS	State	Diff	Significant
	Reading	1440	1360	80	Yes
	Math	1640	1460	180	Yes
Grade 7	Scaled Score	MS	State	Diff	Significant
	Reading	1530	1390	140	Yes
	Math	1610	1440	170	Yes
Grade 8	Scaled Score	MS	State	Diff	Significant
	Reading	1640	1480	160	Yes
	Math	1530	1410	120	Yes
	Writing	1430	1310	120	Yes

PSSA Scaled Scores 2008

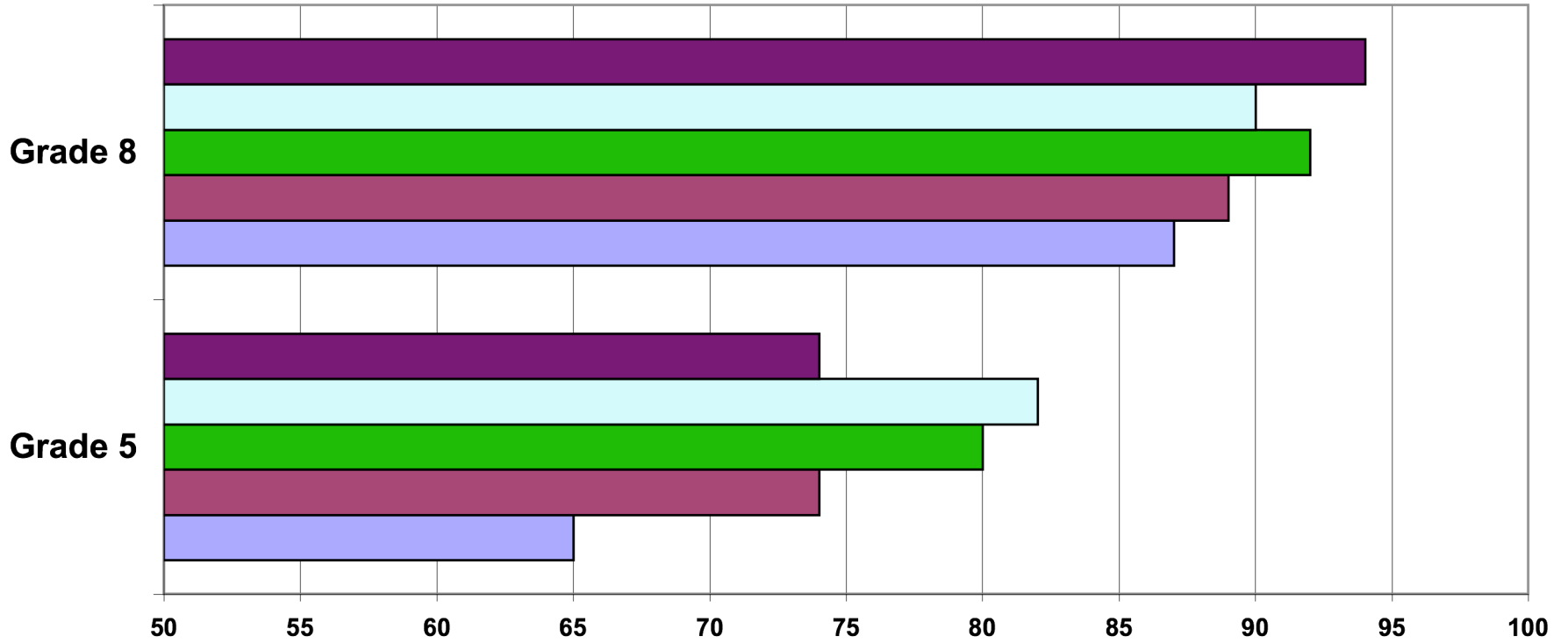
Grade 11	Scaled Score	HS	State	Diff	Significant
	Reading	1530	1360	170	Yes
	Math	1460	1340	120	Yes
	Writing	1610	1470	140	Yes

Assessment Trends

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

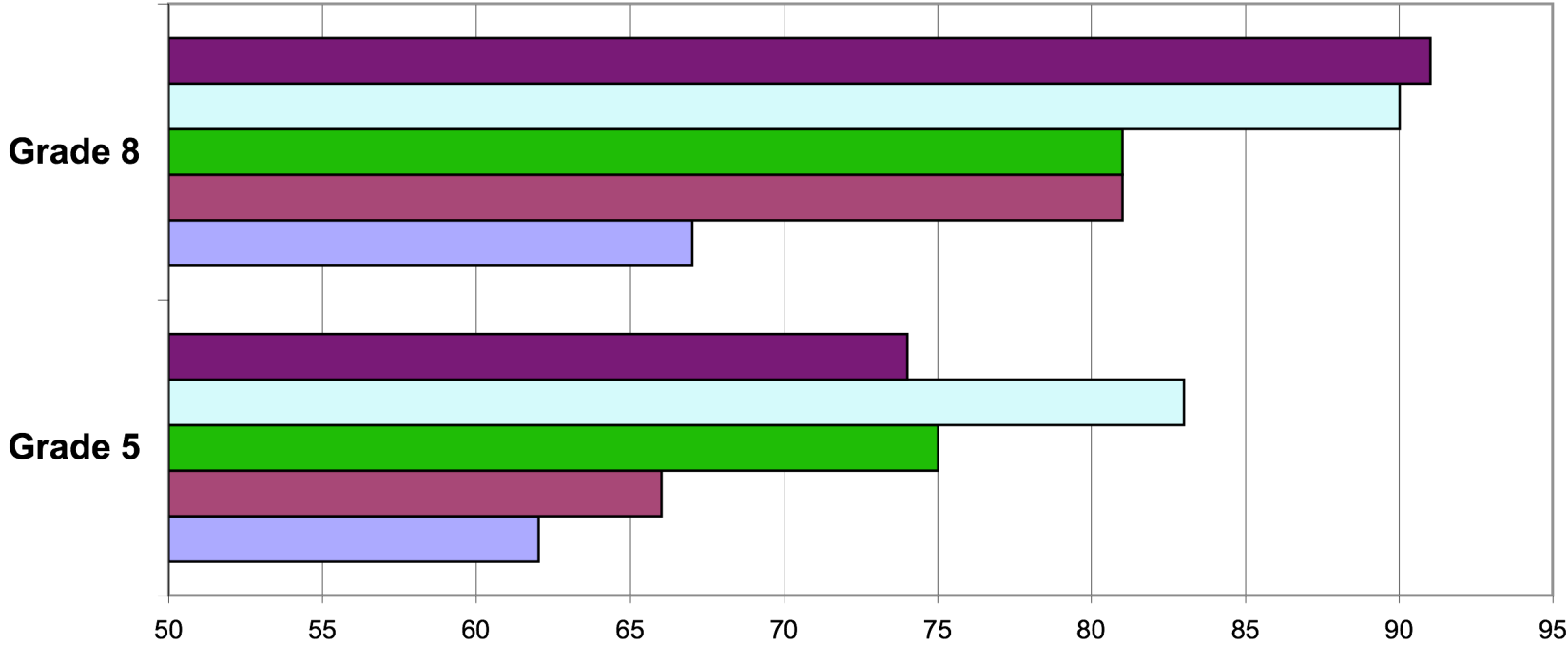
Please be advised that such measures are designated as general trends. Student populations change within each class over time, which may affect the outcome of performance scores. This data is to be used as a rough estimate of student progress over time.

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



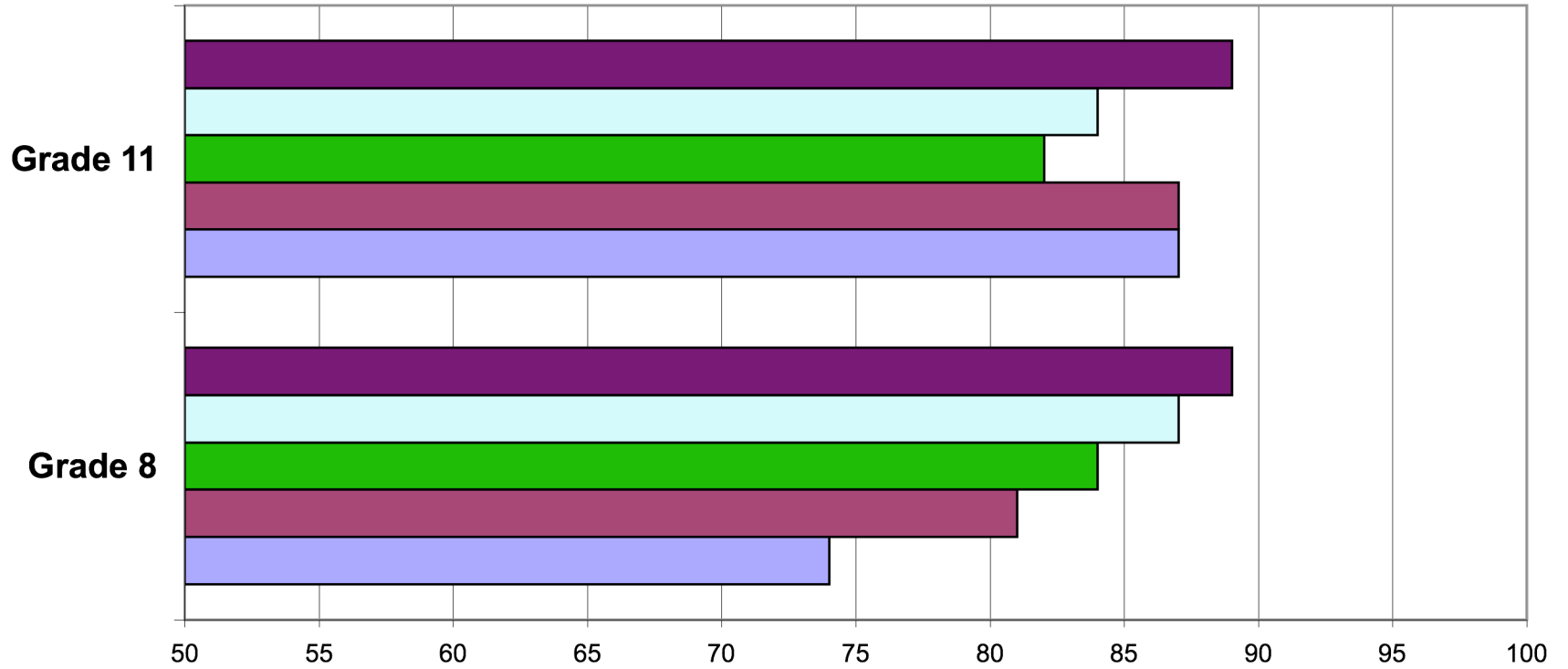
	Grade 5	Grade 8
■ Class of 2012	74	94
■ Class of 2011	82	90
■ Class of 2010	80	92
■ Class of 2009	74	89
■ Class of 2008	65	87

**Math Performance Level History - Grades 5 to 8
Percent Advanced & Proficient**



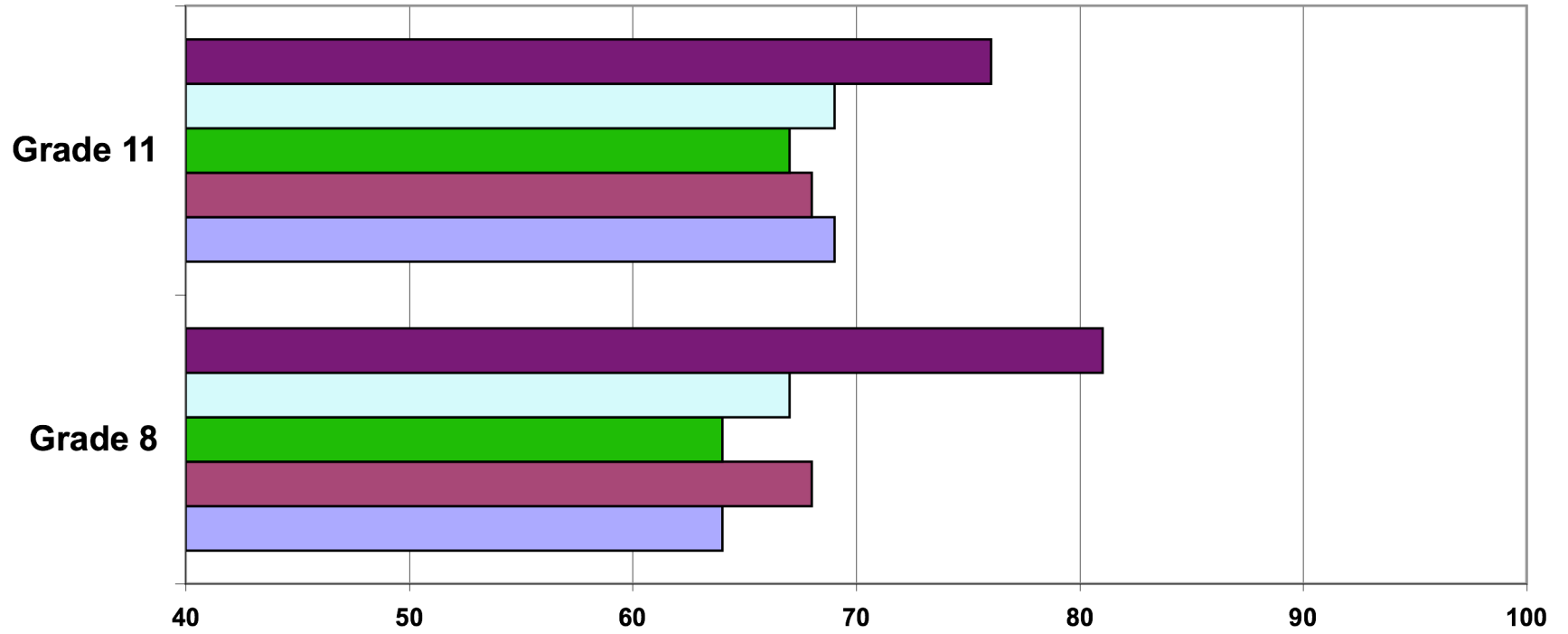
	Grade 5	Grade 8
Class of 2012	74	91
Class of 2011	83	90
Class of 2010	75	81
Class of 2009	66	81
Class of 2008	62	67

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



	Grade 8	Grade 11
■ 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**

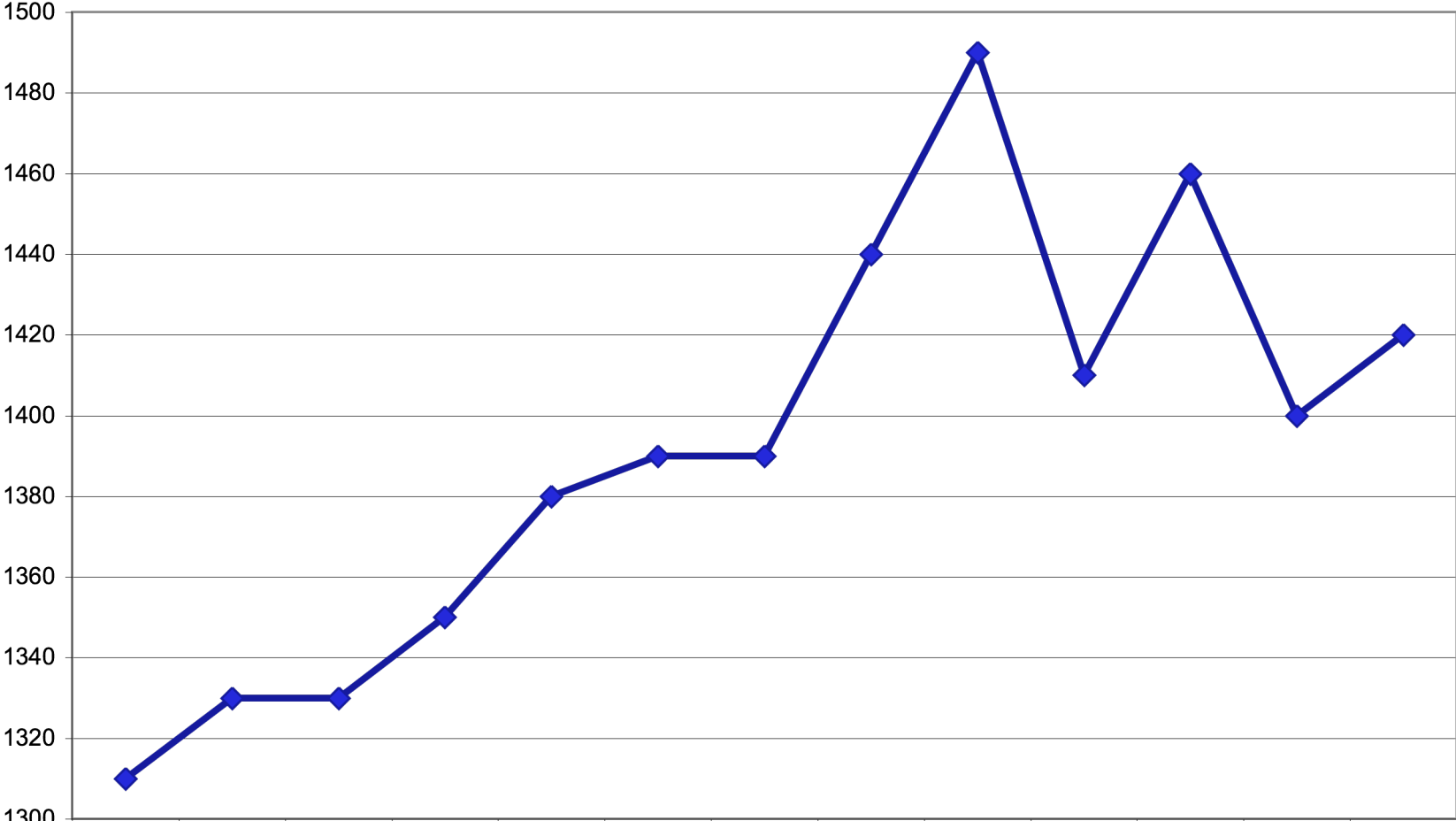


	Grade 8	Grade 11
■ Class of 2009	81	76
■ Class of 2008	67	69
■ Class of 2007	64	67
■ Class of 2006	68	68
■ Class of 2005	64	69

PSSA Reading Scaled Scores History

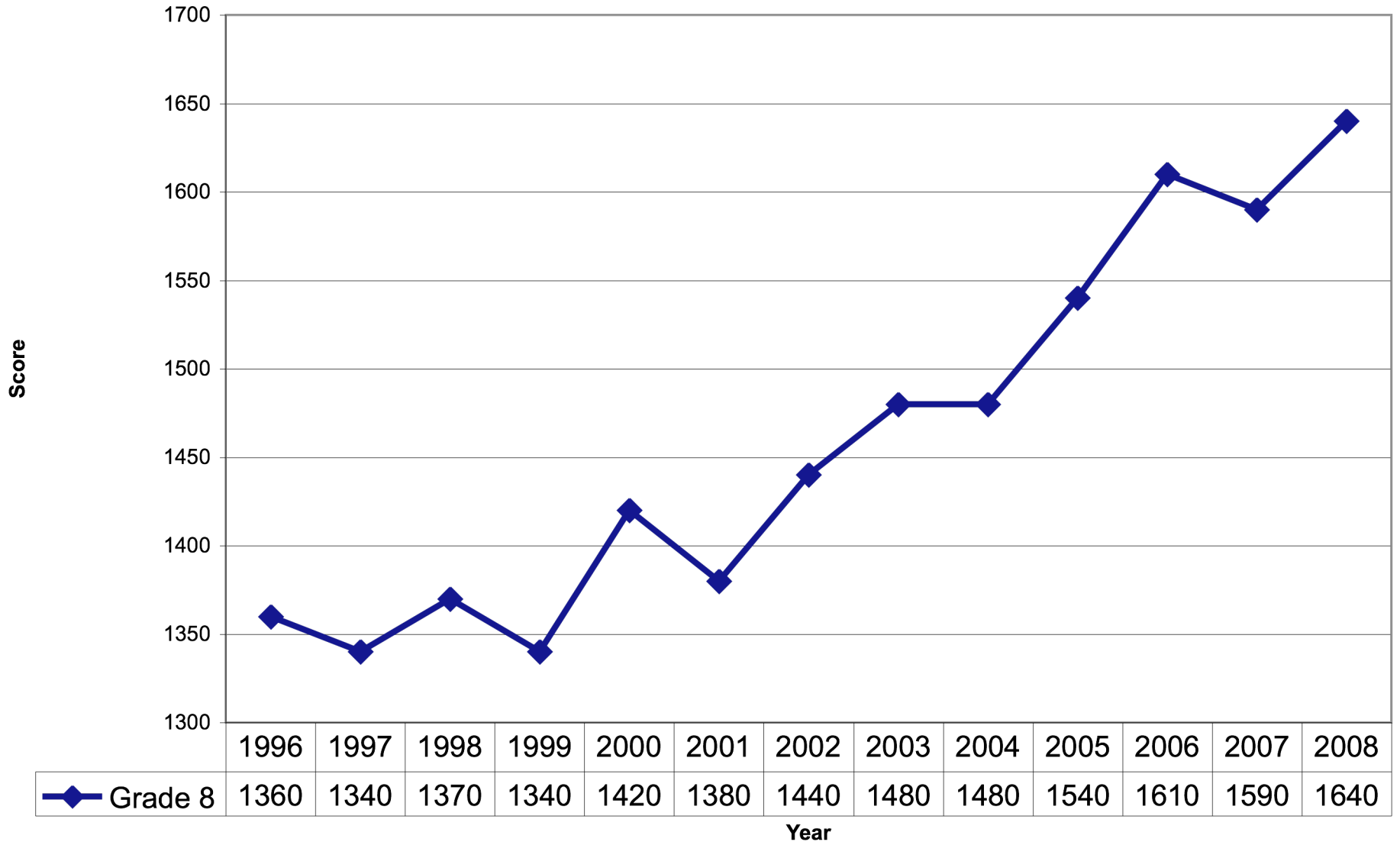
Year	Grade 5	Grade 8	Grade 11
1996	1310	1360	1410
1997	1330	1340	1390
1998	1330	1370	1380
1999	1350	1340	1370
2000	1380	1420	1390
2001	1390	1380	1360
2002	1390	1440	1420
2003	1440	1480	1470
2004	1490	1480	1490
2005	1410	1540	1510
2006	1460	1610	1530
2007	1400	1590	1480
2008	1420	1640	1530

Grade 5 PSSA Scaled Score History - Reading

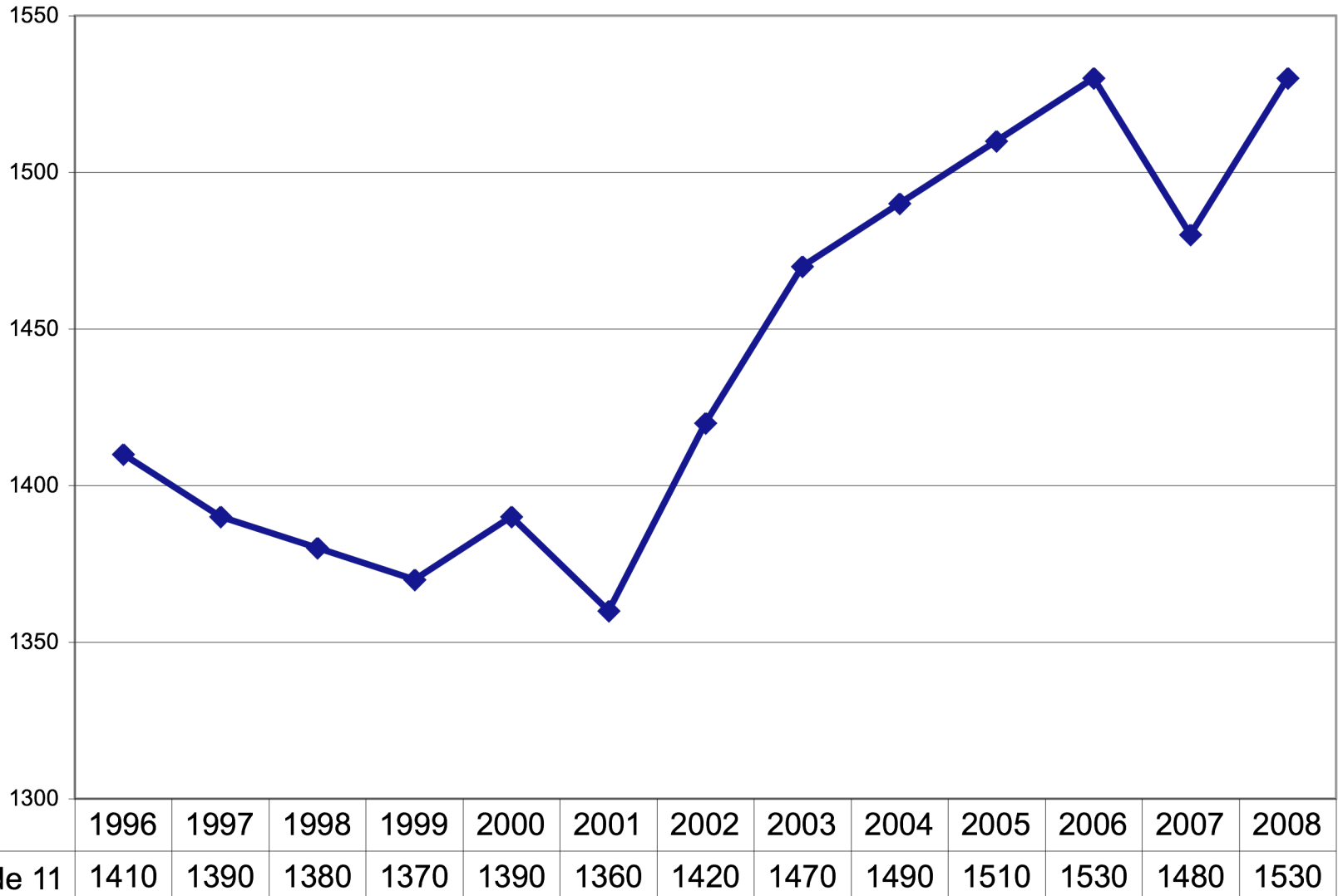


	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Grade 5	1310	1330	1330	1350	1380	1390	1390	1440	1490	1410	1460	1400	1420

Grade 8 Scaled Score History Reading



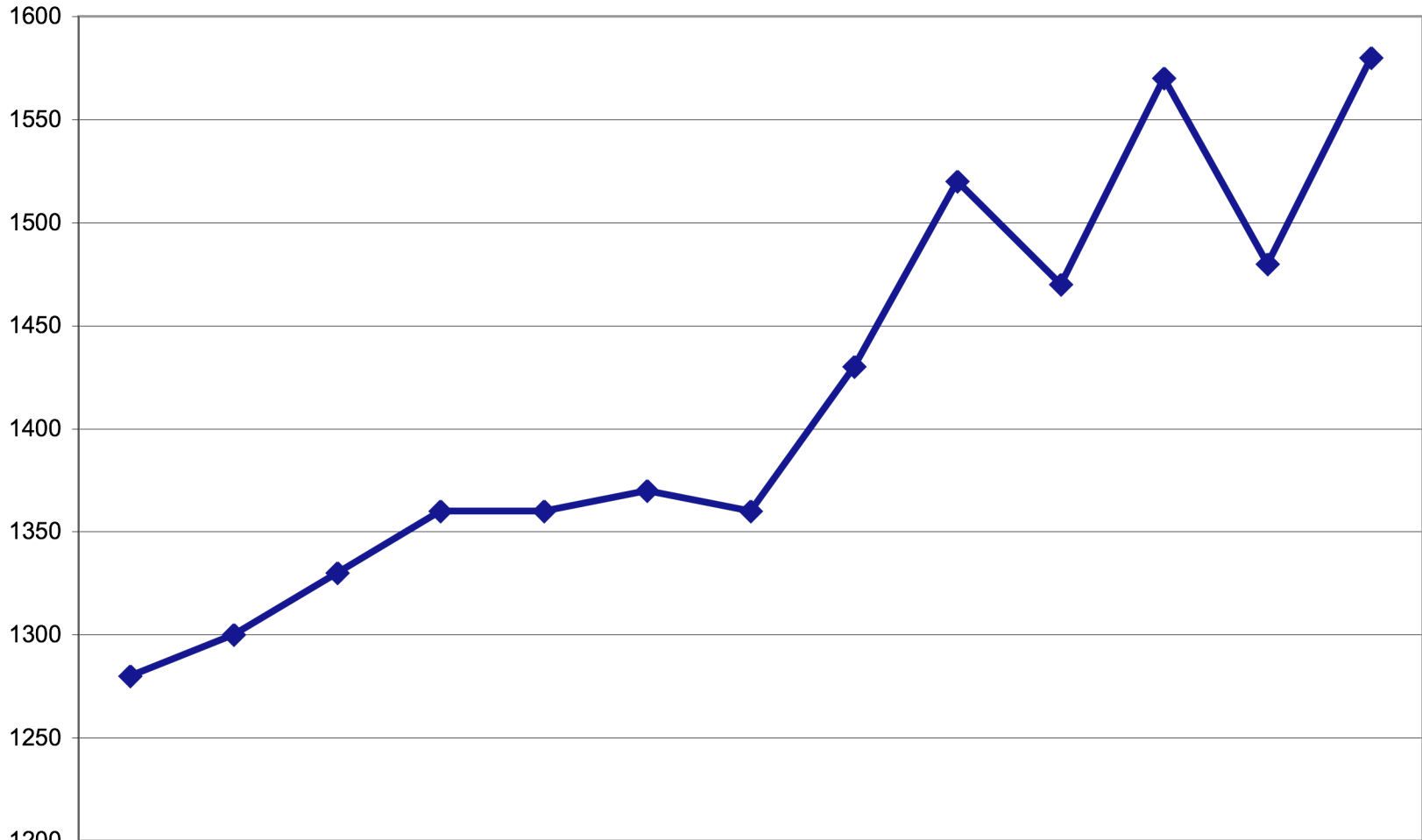
Grade 11 Scaled Score History Reading



PSSA Math Scaled Scores History

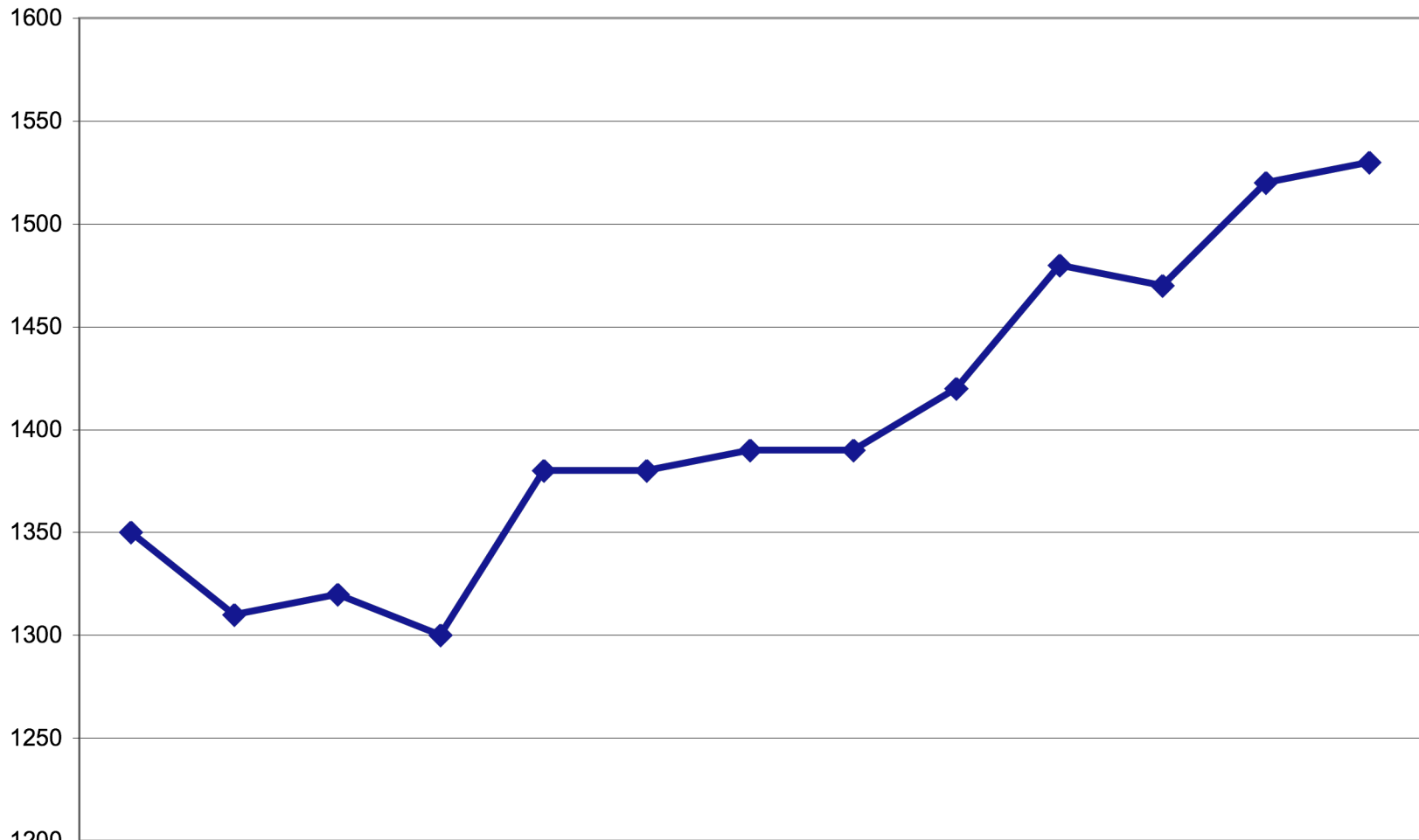
Year	Grade 5	Grade 8	Grade 11
1996	1280	1350	1370
1997	1300	1310	1390
1998	1330	1320	1420
1999	1360	1300	1410
2000	1360	1380	1380
2001	1370	1380	1360
2002	1360	1390	1360
2003	1430	1390	1390
2004	1520	1420	1400
2005	1470	1480	1410
2006	1570	1470	1410
2007	1480	1520	1420
2008	1580	1530	1460

Grade 5 PSSA Scaled Score History - Math



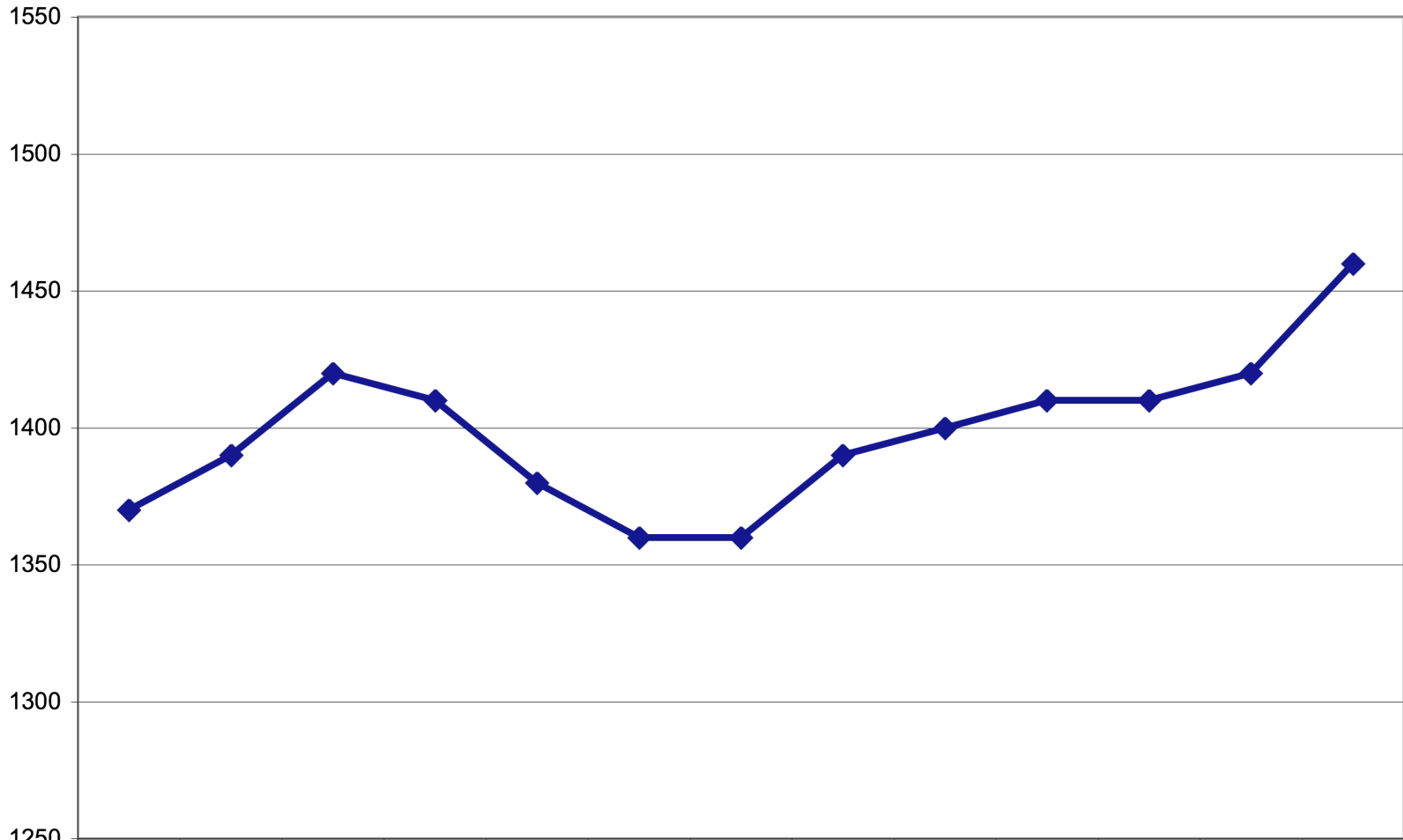
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Grade 5	1280	1300	1330	1360	1360	1370	1360	1430	1520	1470	1570	1480	1580

Grade 8 PSSA Scaled Scores History - Math



◆ Grade 8	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
	1350	1310	1320	1300	1380	1380	1390	1390	1420	1480	1470	1520	1530

Grade 11 PSSA Scaled Scores History - Math

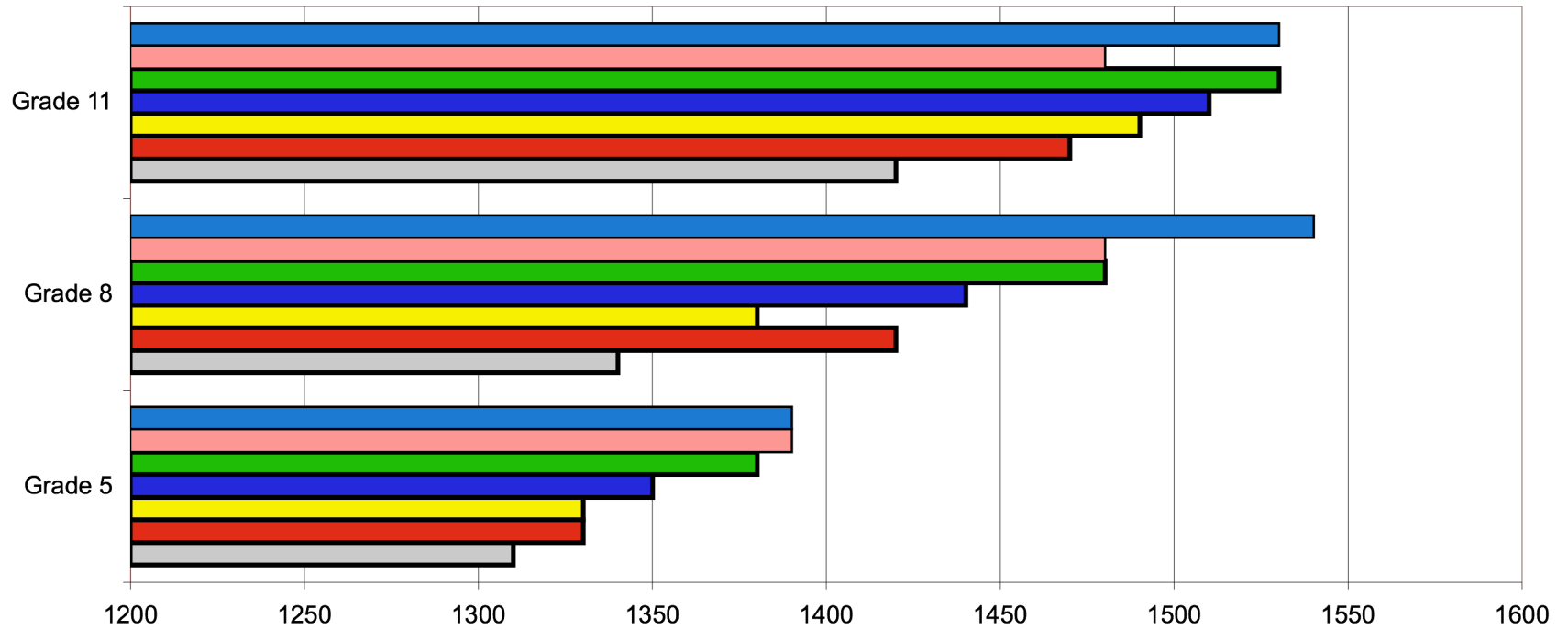


◆ Grade 11	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
	1370	1390	1420	1410	1380	1360	1360	1390	1400	1410	1410	1420	1460

PSSA Scaled Score History by Graduating Class - Reading

Reading	Grade 5	Grade 8	Grade 11
Class of 2003	1310	1340	1420
Class of 2004	1330	1420	1470
Class of 2005	1330	1380	1490
Class of 2006	1350	1440	1510
Class of 2007	1380	1480	1530
Class of 2008	1390	1480	1480
Class of 2009	1390	1540	1530

Reading Scaled Score History by Class

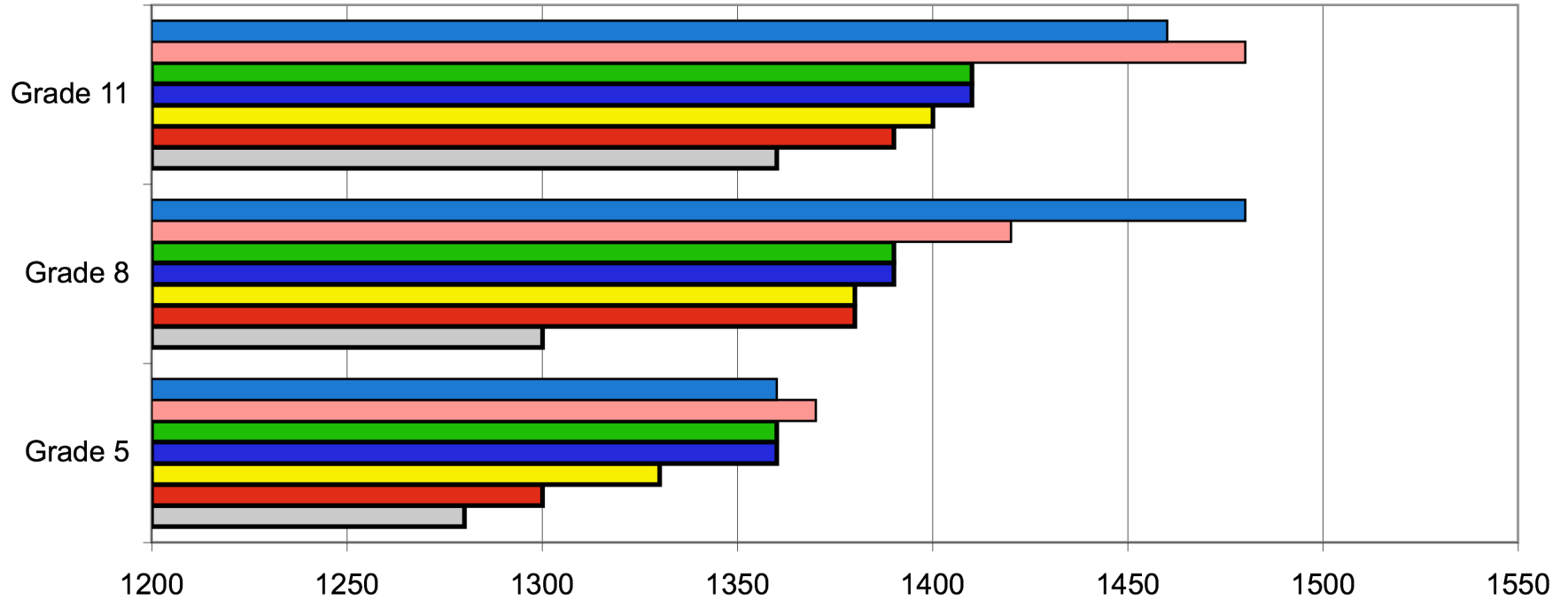


	Grade 5	Grade 8	Grade 11
Class of 2009	1390	1540	1530
Class of 2008	1390	1480	1480
Class of 2007	1380	1480	1530
Class of 2006	1350	1440	1510
Class of 2005	1330	1380	1490
Class of 2004	1330	1420	1470
Class of 2003	1310	1340	1420

PSSA Scaled Score History by Graduating Class - Math

Math	Grade 5	Grade 8	Grade 11
Class of 2003	1280	1300	1360
Class of 2004	1300	1380	1390
Class of 2005	1330	1380	1400
Class of 2006	1360	1390	1410
Class of 2007	1360	1390	1410
Class of 2008	1370	1420	1480
Class of 2009	1360	1480	1460

Math Scaled Score History by Class



	Grade 5	Grade 8	Grade 11
■ Class of 2009	1360	1480	1460
■ Class of 2008	1370	1420	1480
■ Class of 2007	1360	1390	1410
■ Class of 2006	1360	1390	1410
■ Class of 2005	1330	1380	1400
■ Class of 2004	1300	1380	1390
■ Class of 2003	1280	1300	1360

2008 PSSA Conclusions

Commendations

- **This is the third year in a row that Lewisburg ranks in the top 10% of school districts in the state for overall student performance on the PSSA.**
- **Overall 85% of Lewisburg students scored at the advanced or proficient performance level in both math and reading.**
- **The secondary reading and math scores continue to be among the best in the region and some of the highest in the state.**

Concerns

- **The disaggregated group scores of IEP Students and Economically Disadvantaged Students continue to be lower than expected and need to improve.**
- **We need to improve the performance level scores at some elementary 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

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

SAT Writing Results (3rd Year)

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

Combined Verbal and Math SAT Scores and Percentage Tested

	LAHS	State	National	#	# In	%
Year	Total	Total	Total	Tested	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%

Overall Conclusions

District Strengths

- High national achievement test scores at the secondary level.
- Excellent PSSA math and reading scores at the secondary level and at the fifth grade benchmark year.
- High SAT scores in comparison to state and national average.

Areas Needing Improvement for Achievement Growth

- Percentage of students scoring at the advanced and proficient levels must improve for our special education and economically disadvantaged populations.
- We need to refocus our efforts at the elementary level in both reading and math to reverse some of the recent achievement trends in grades K-4.