

Lewisburg Area School District



Data Analysis Report Spring 2006 Assessments

***Spring 2006 Terra Nova Results
Spring 2006 PSSA Results
2005-2006 SAT Results***

September 28, 2006

This report provides a review of the assessment data and information regarding the Lewisburg Area School District for the 2005-2006 School Year.

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For more information about this report please contact:

Mark D. DiRocco, Ph.D.
Superintendent
1951 Washington Ave., Dept. C.O.
Lewisburg PA 17837
(570) 522-3204

Cathy Moser, M. Ed.
Supervisor of Curriculum and Instruction
1951 Washington Avenue, Dept. C.O.
Lewisburg PA 17837
(570) 522-3256

Terra Nova Achievement Test

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

Terminology

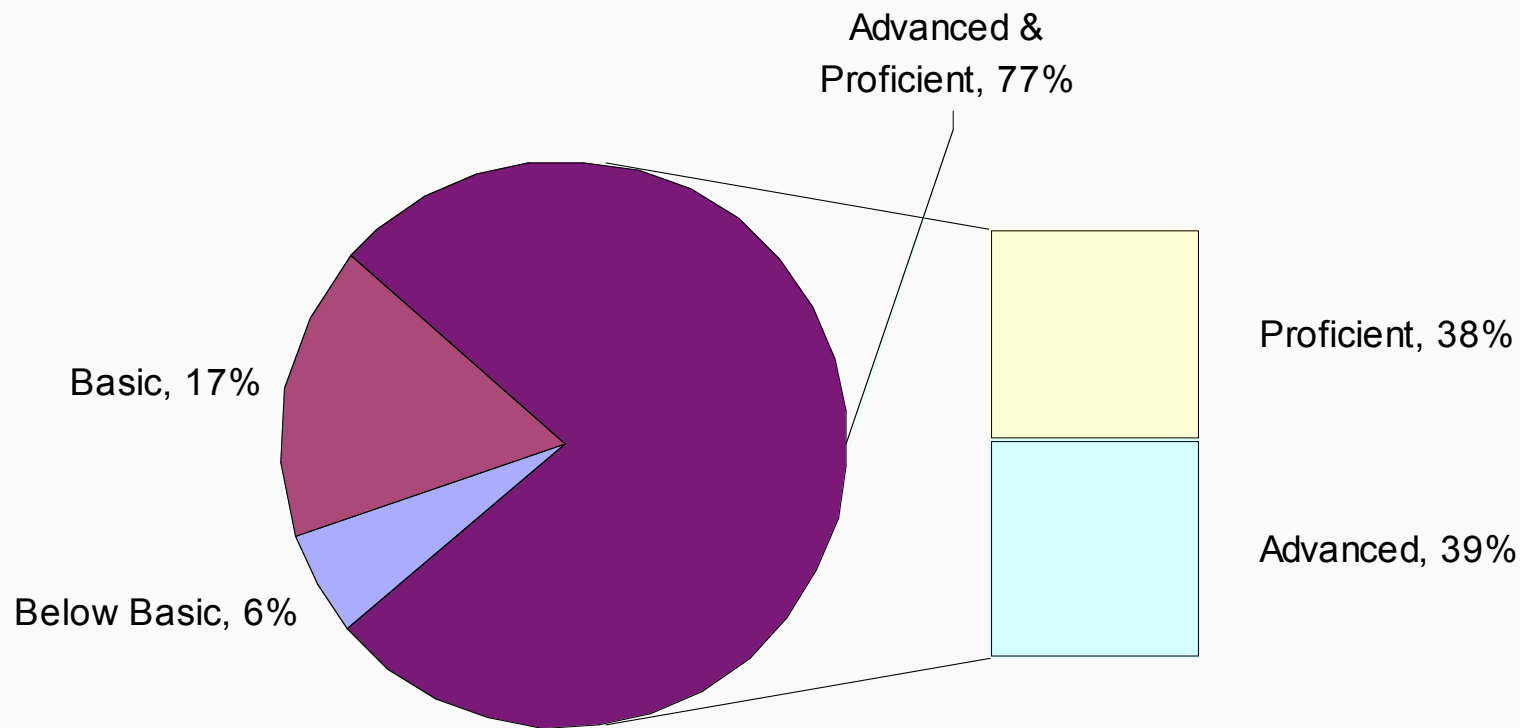
Percentile: Shows how our students scored on the test in comparison to a national sample.

Example: A student scoring a 50 did as well or better than 50% of the students taking the test.

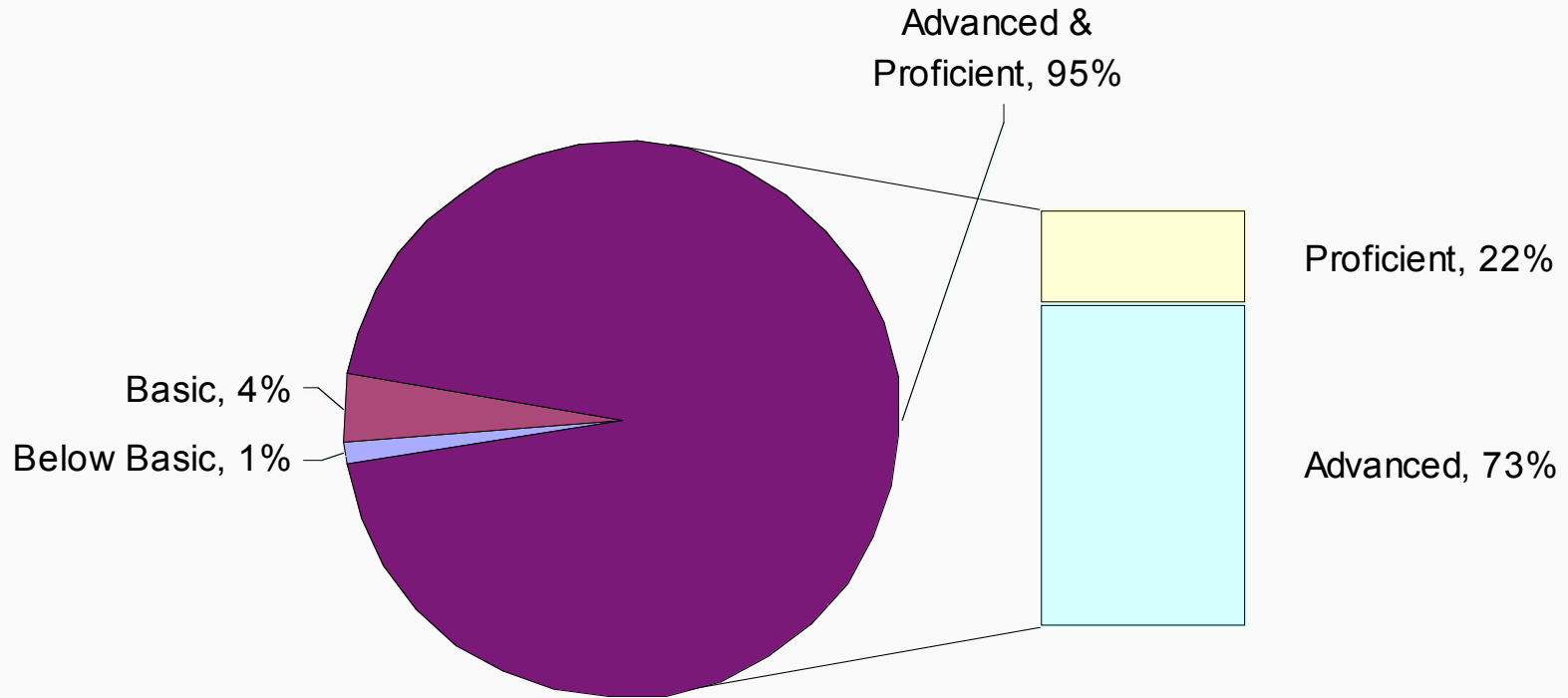
Progress: Students progressing at the normal rate should score at the 50th percentile. Students progressing significantly above average will score at the 75th percentile or higher.

Note: The testing service has provided an analysis of how student performance correlates with the PSSA performance categories of Advanced, Proficient, Basic, and Below Basic.

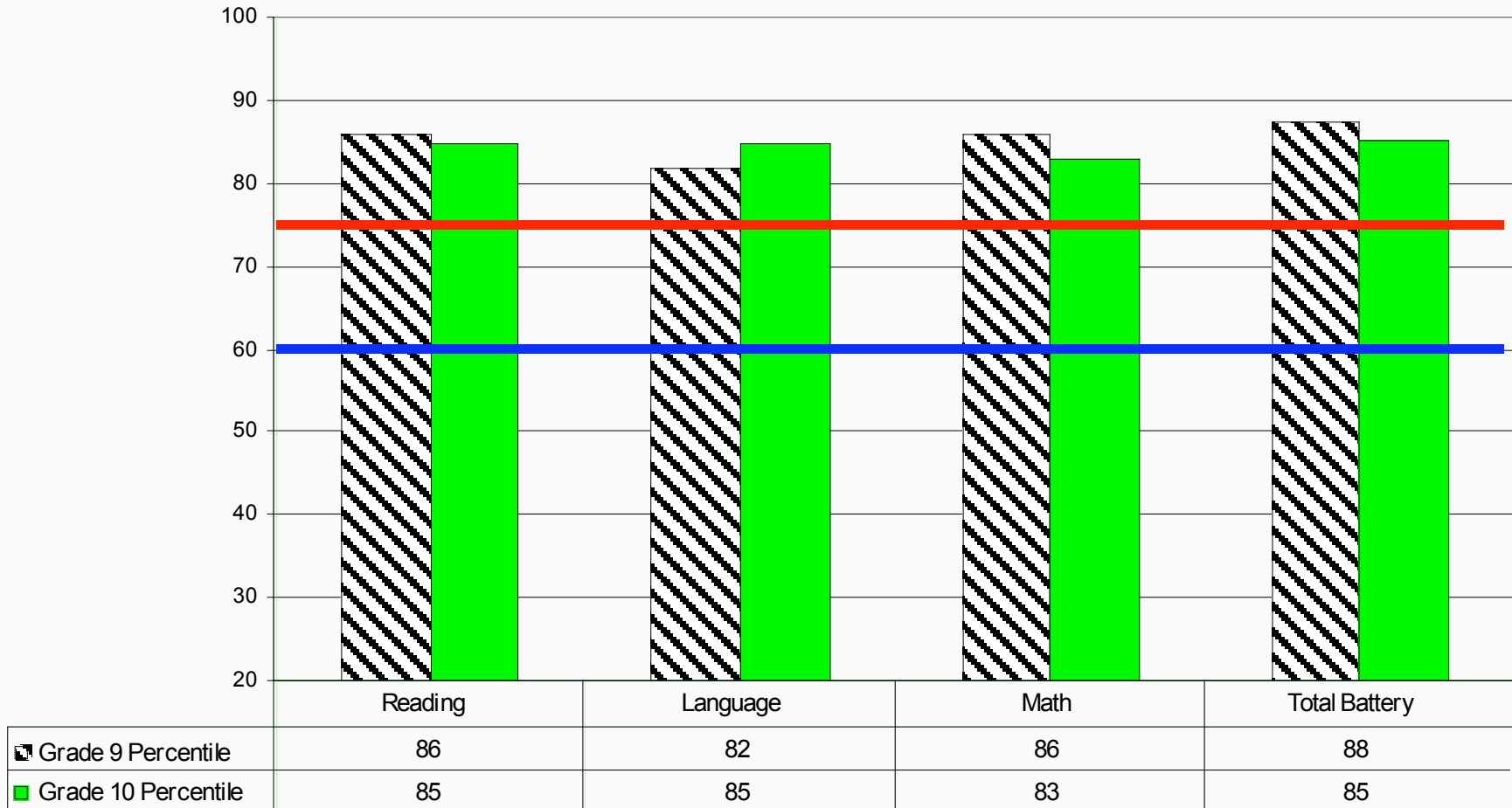
Grade 2 Terra Nova Reading Performance Scores 2006



Grade 2 Terra Nova Math Performance Scores 2006

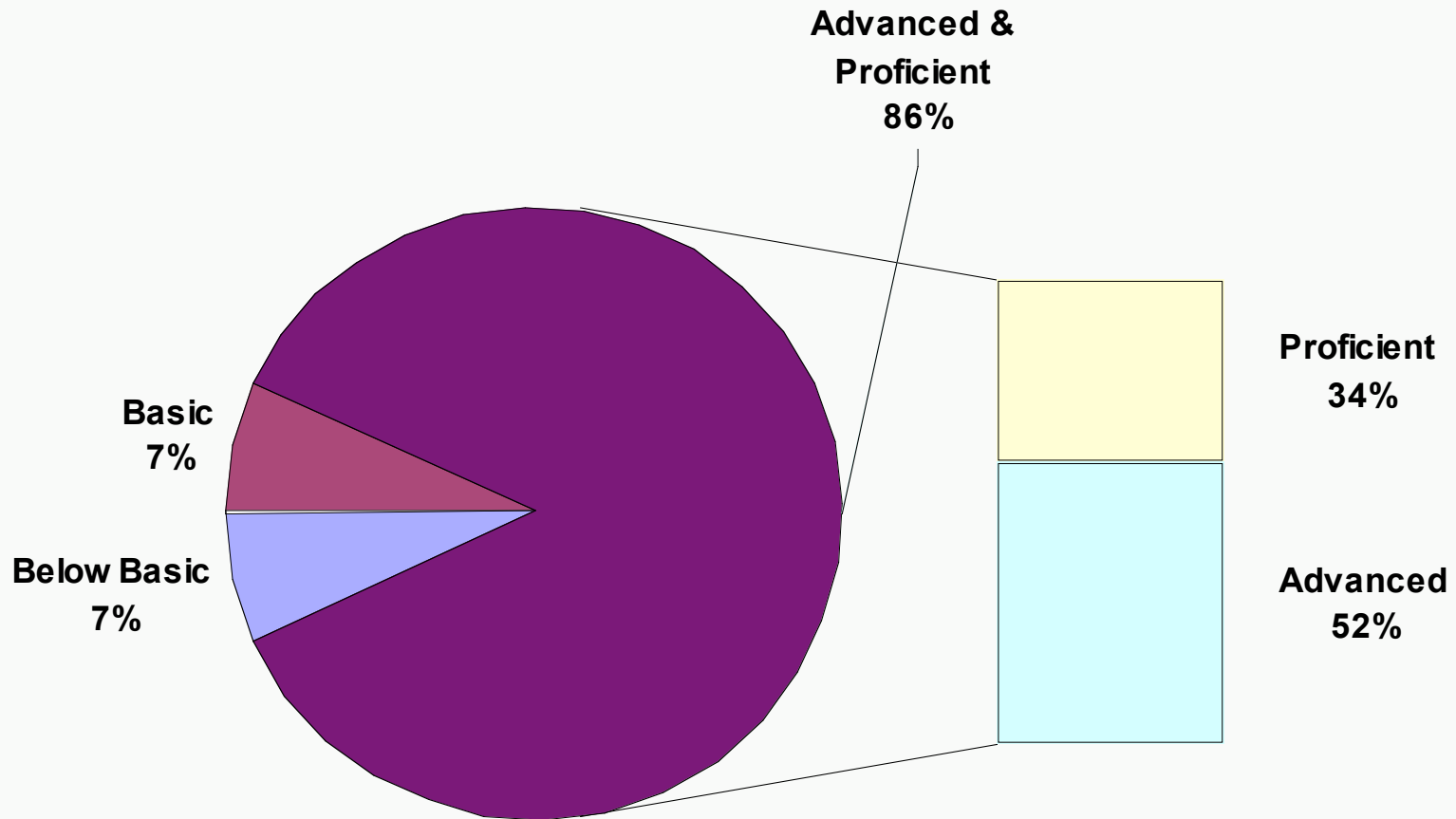


National Norm Referenced Comparison 2006 Terra Nova Grades 9 and 10



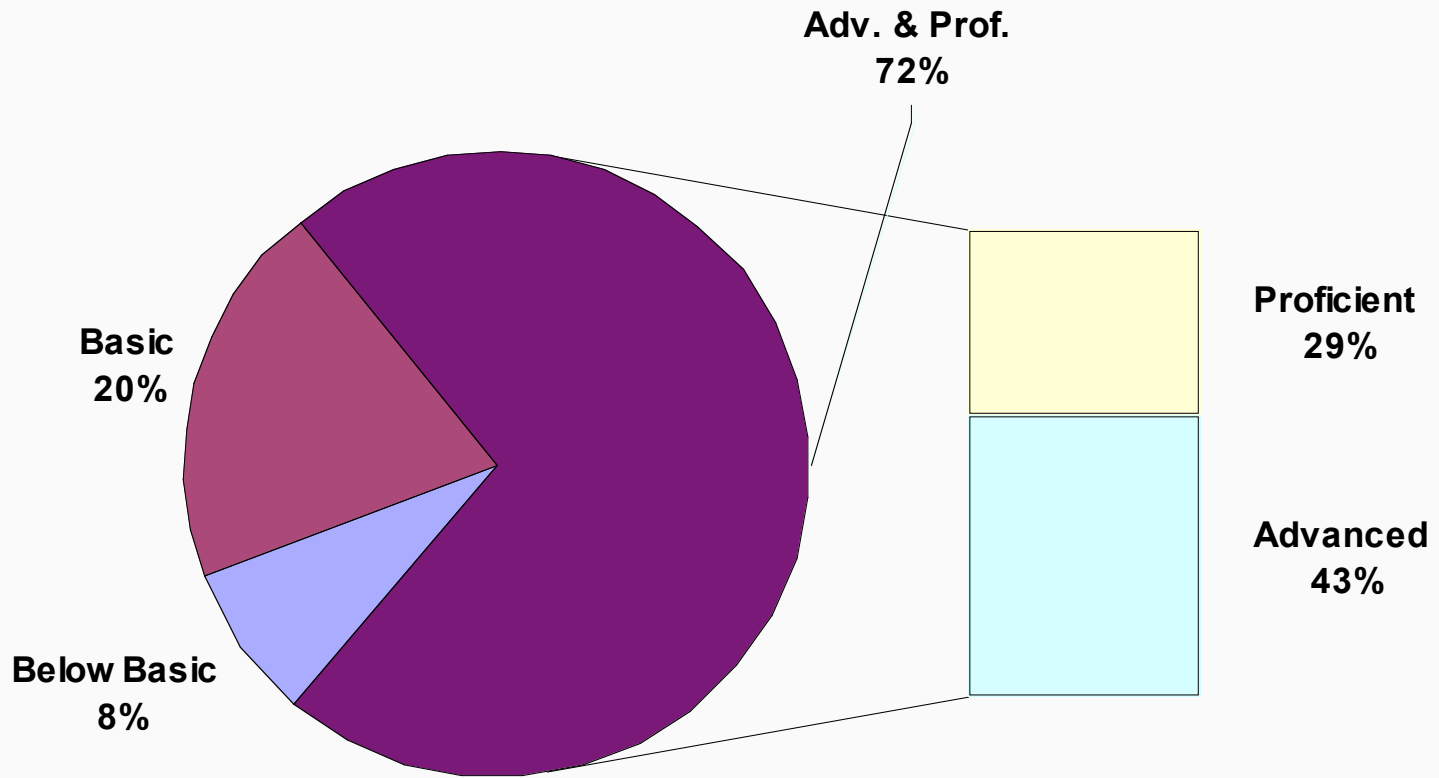
Note: The dark line at the 50th percentile indicates the score that students should attain if they are progressing normally. The dark line at the 75th percentile indicates that scores above this mark are considered significantly above national average.

Grade 9 Terra Nova Reading Performance Scores 2006



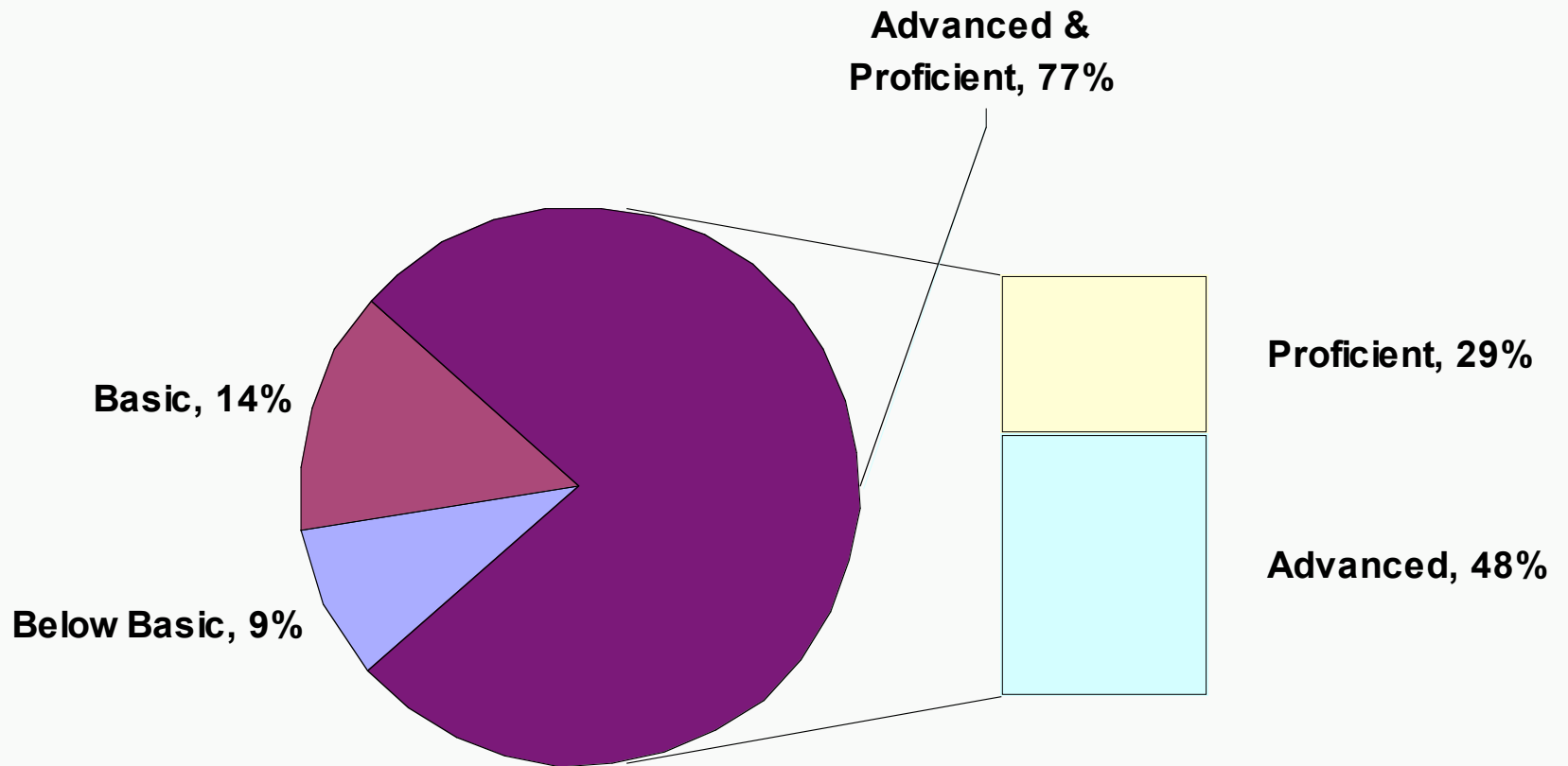
NCLB Requires 54% Proficient and Advanced

Grade 9 Terra Nova Math Performance Scores 2006

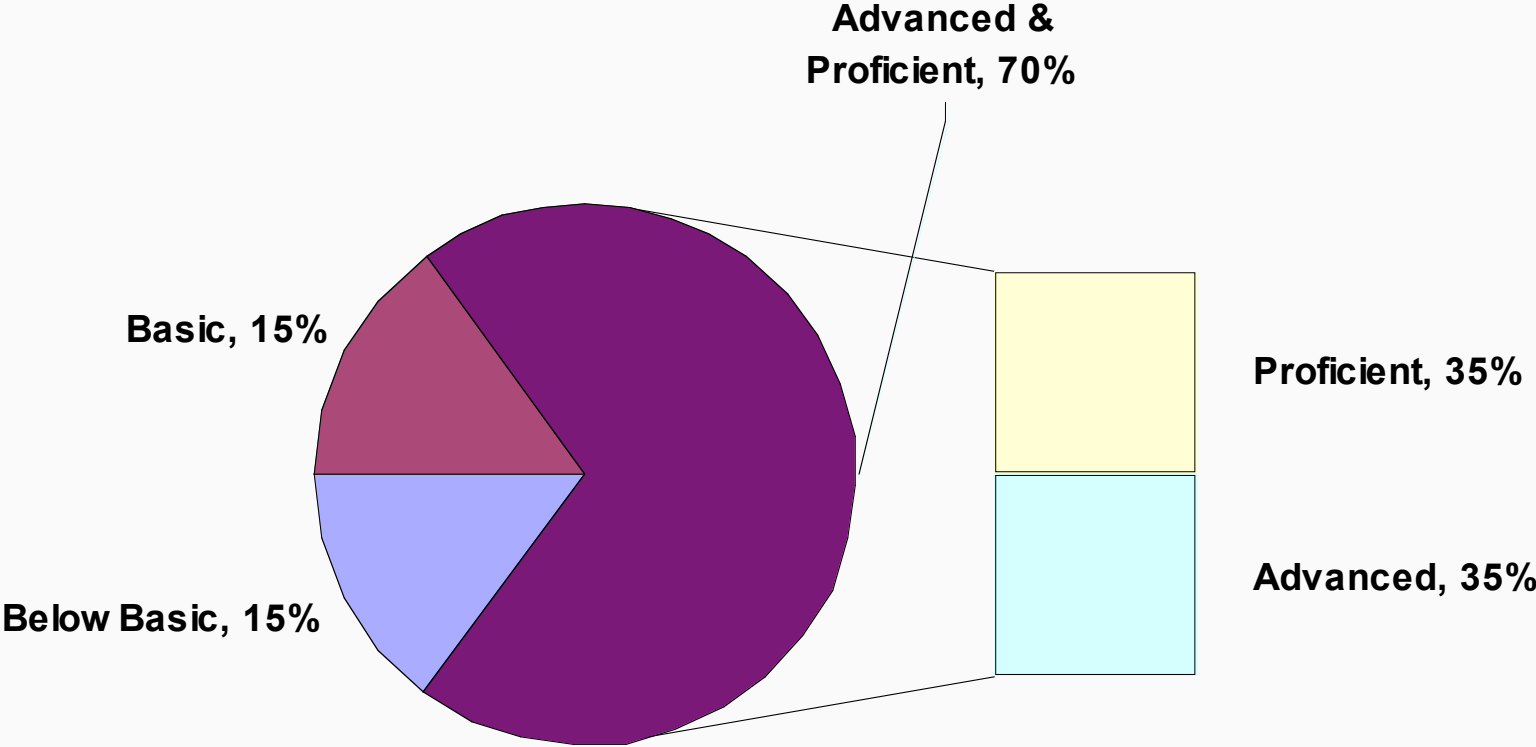


NCLB Requires 45% Proficient and Advanced

Grade 10 Terra Nova Reading Performance Scores 2006



Grade 10 Terra Nova Math Performance Scores 2006



Pennsylvania System of State Assessment

PSSA

In 2006 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 writing exam was new for grades 5 and 8.

This was the first year that the PSSA was administered in grades 4, 6, and 7. Therefore, data from these grades was not used to calculate Adequate Yearly Progress (AYP) as it was a baseline data gathering year. Data from these grades will be used in 2007.

The PSSA data is used to assess our students and evaluate our schools for the No Child Left Behind Law.

NCLB Goals

Grade	Grad. Year	Reading	Math
<i>K</i>	<i>2019</i>	<i>100%</i>	<i>100%</i>
<i>1</i>	<i>2018</i>	<i>100%</i>	<i>100%</i>
<i>2</i>	<i>2017</i>	<i>100%</i>	<i>100%</i>
<i>3</i>	<i>2016</i>	<i>100%</i>	<i>100%</i>
<i>4</i>	<i>2015</i>	<i>100%</i>	<i>100%</i>
<i>5</i>	<i>2014</i>	<i>100%</i>	<i>100%</i>
<i>6</i>	<i>2013</i>	<i>91%</i>	<i>89%</i>
<i>7</i>	<i>2012</i>	<i>81%</i>	<i>78%</i>
<i>8</i>	<i>2011</i>	<i>72%</i>	<i>67%</i>
<i>9</i>	<i>2010</i>	<i>63%</i>	<i>56%</i>
<i>10</i>	<i>2009</i>	<i>63%</i>	<i>56%</i>
<i>11</i>	<i>2008</i>	<i>63%</i>	<i>56%</i>
<i>12</i>	<i>2007</i>	<i>54%</i>	<i>45%</i>

AYP Status from PDE Web Site

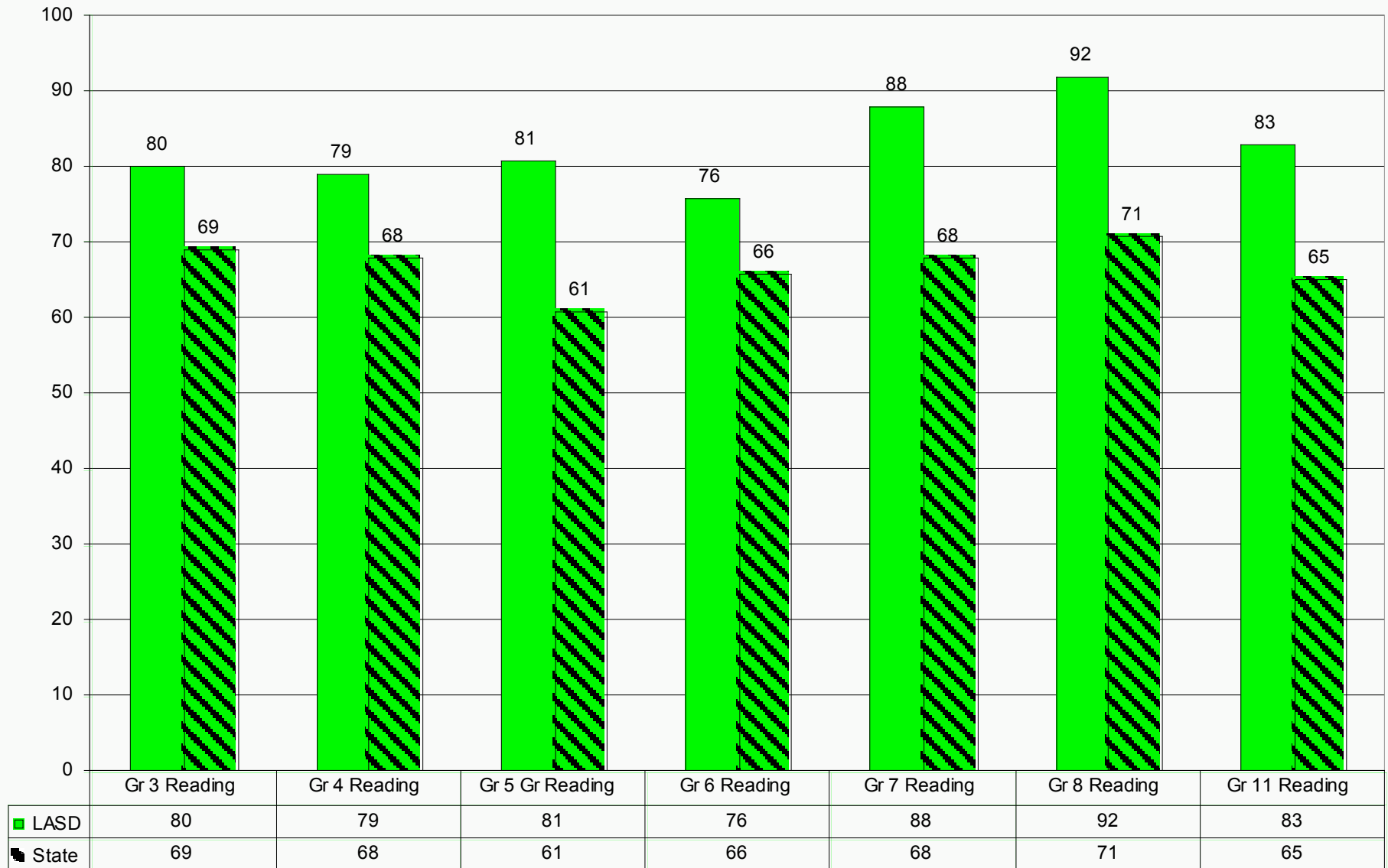
District/School	Met AYP	2003	2004	2005	2006
LASD	Y	Made AYP	Made AYP	Made AYP	Made AYP
Kelly	Y	Made AYP	Made AYP	Made AYP	Made AYP
Linntown	Y	Made AYP	Made AYP	Made AYP	Made AYP
Middle School	Y	Made AYP	Made AYP	Made AYP	Made AYP
High School	Y	Made AYP	Made AYP	Made AYP	Made AYP

2006 PSSA Reading Scores

Percentage Advanced & Proficient

Grade	LASD	State Ave.	NCLB Req.
	Reading	Reading	Reading
3	80	69	54
4	79	68	54
5	81	61	54
6	76	66	54
7	88	68	54
8	92	71	54
11	83	65	54

2006 PSSA Reading Scores - Percentage Advanced & Proficient Lewisburg Scores Compared to State Average

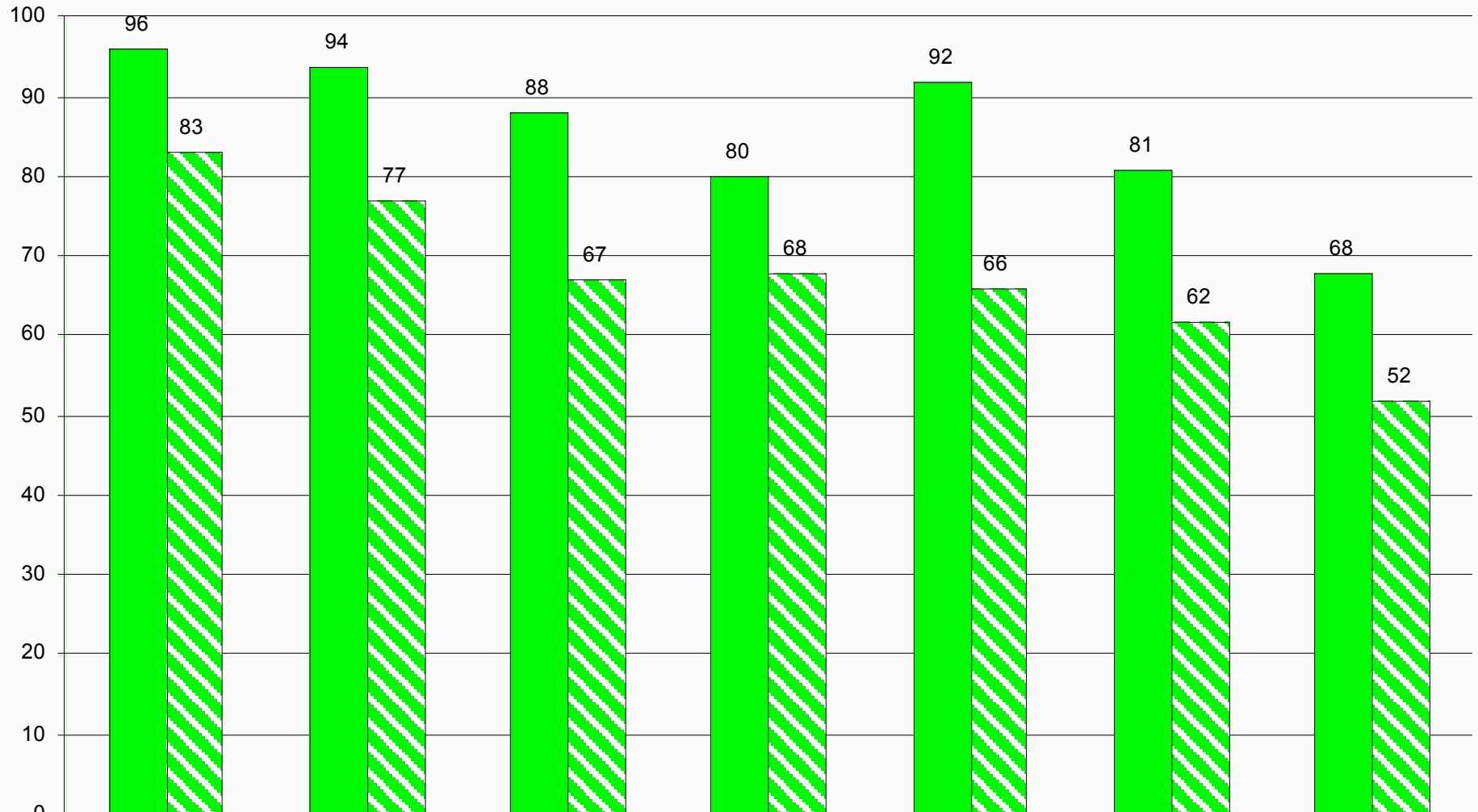


2006 PSSA Math Scores

Percentage Advanced & Proficient

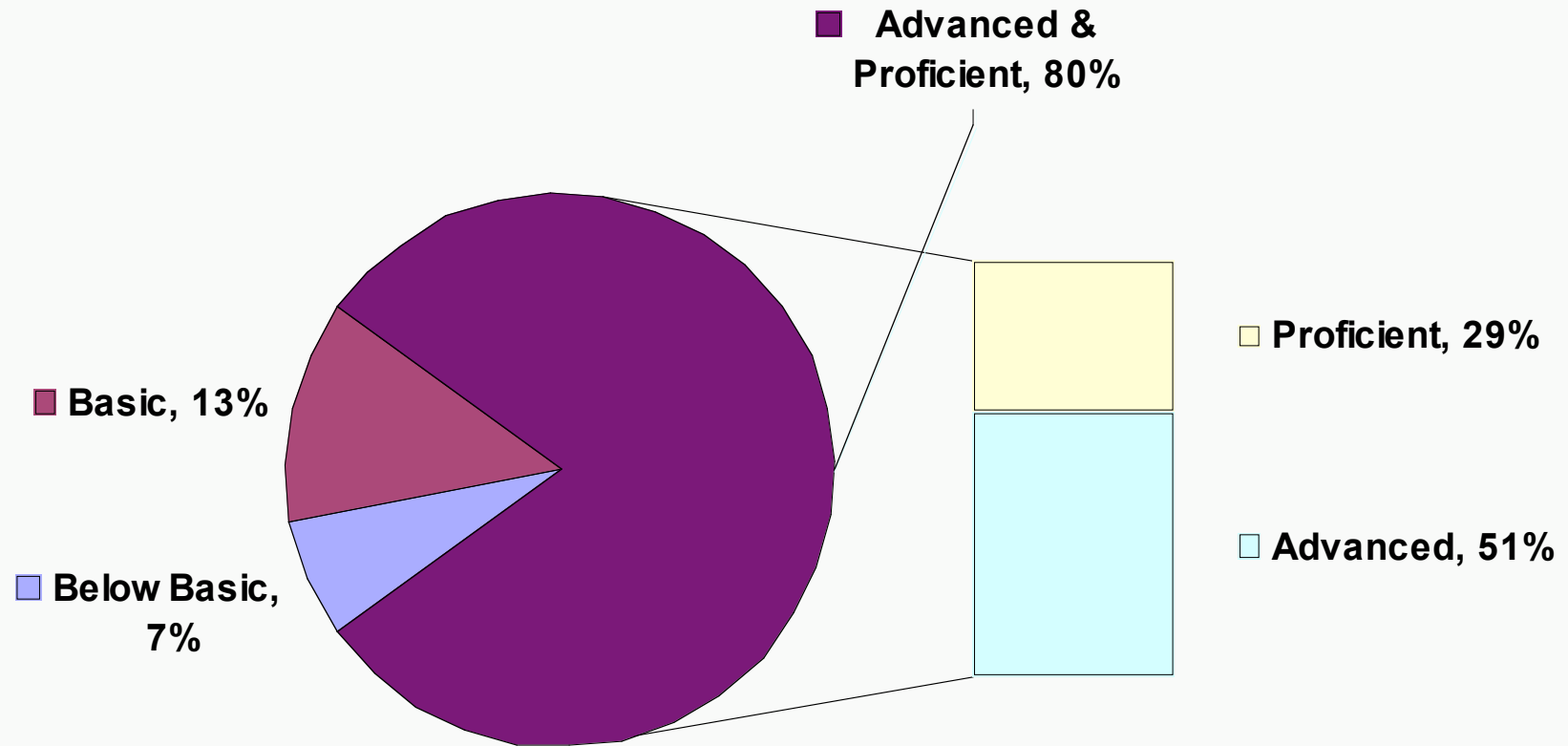
Grade	LASD	State	NCLB Req.
	Math	Math	Math
3	96	83	45
4	94	77	45
5	88	67	45
6	80	68	45
7	92	66	45
8	81	62	45
11	68	52	45

2006 PSSA Math Scores - Percentage Advanced & Proficient Lewisburg Scores Compared to State Average



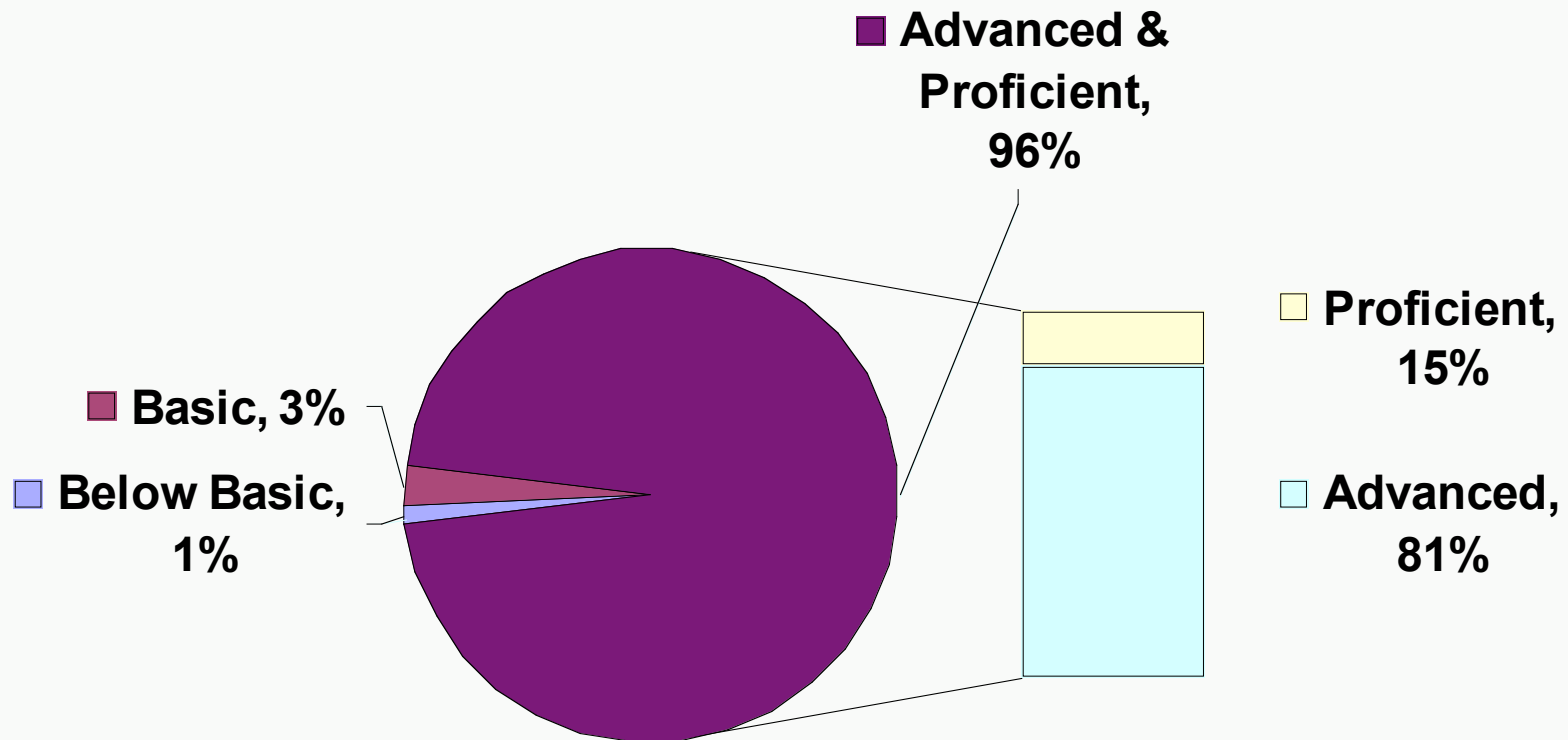
LASD	96	94	88	80	92	81	68
State	83	77	67	68	66	62	52

Grade 3 PSSA Reading 2006



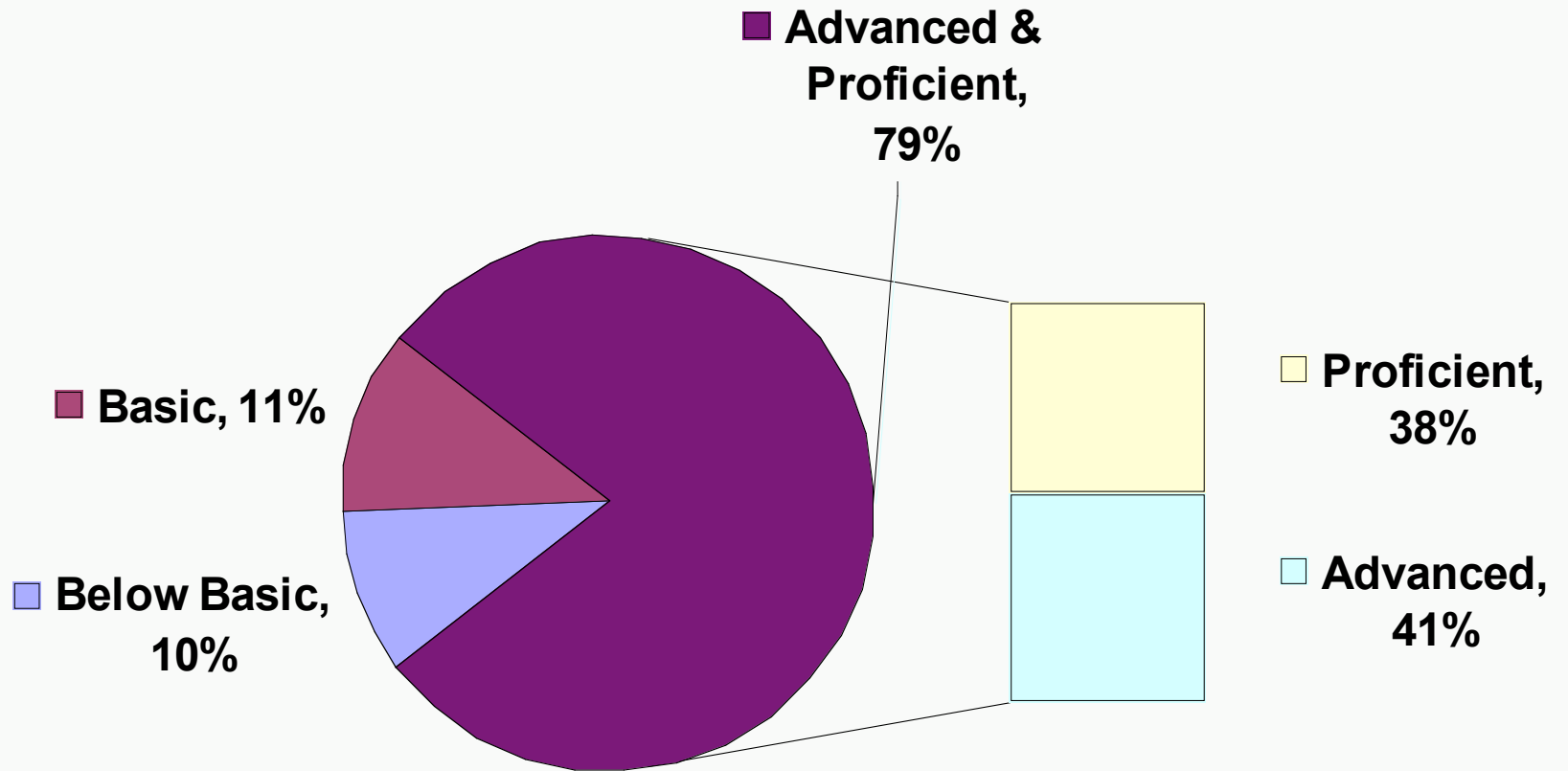
NCLB Requires 54% Proficient and Advanced

Grade 3 PSSA Math 2006



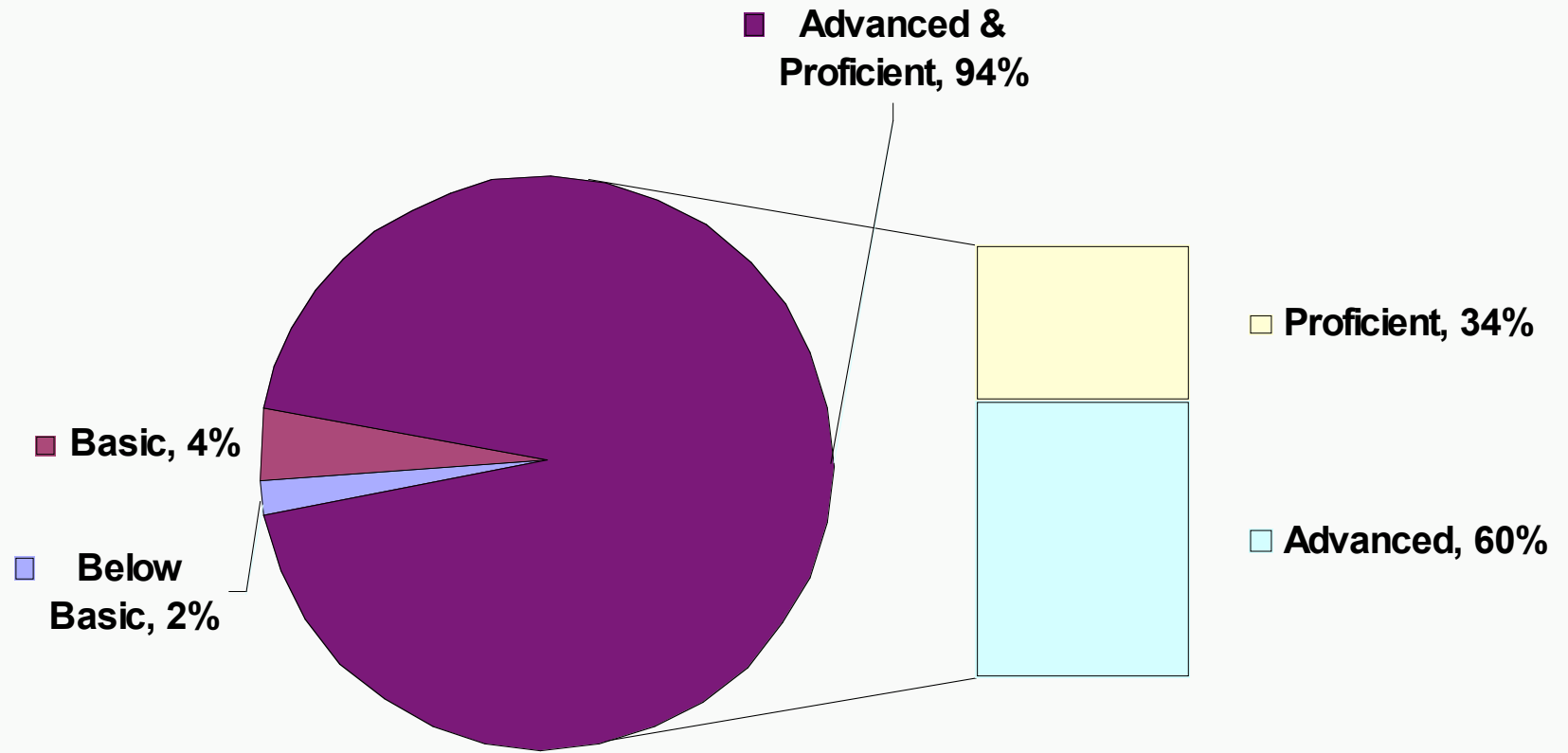
NCLB Requires 45% Proficient and Advanced

Grade 4 PSSA Reading 2006



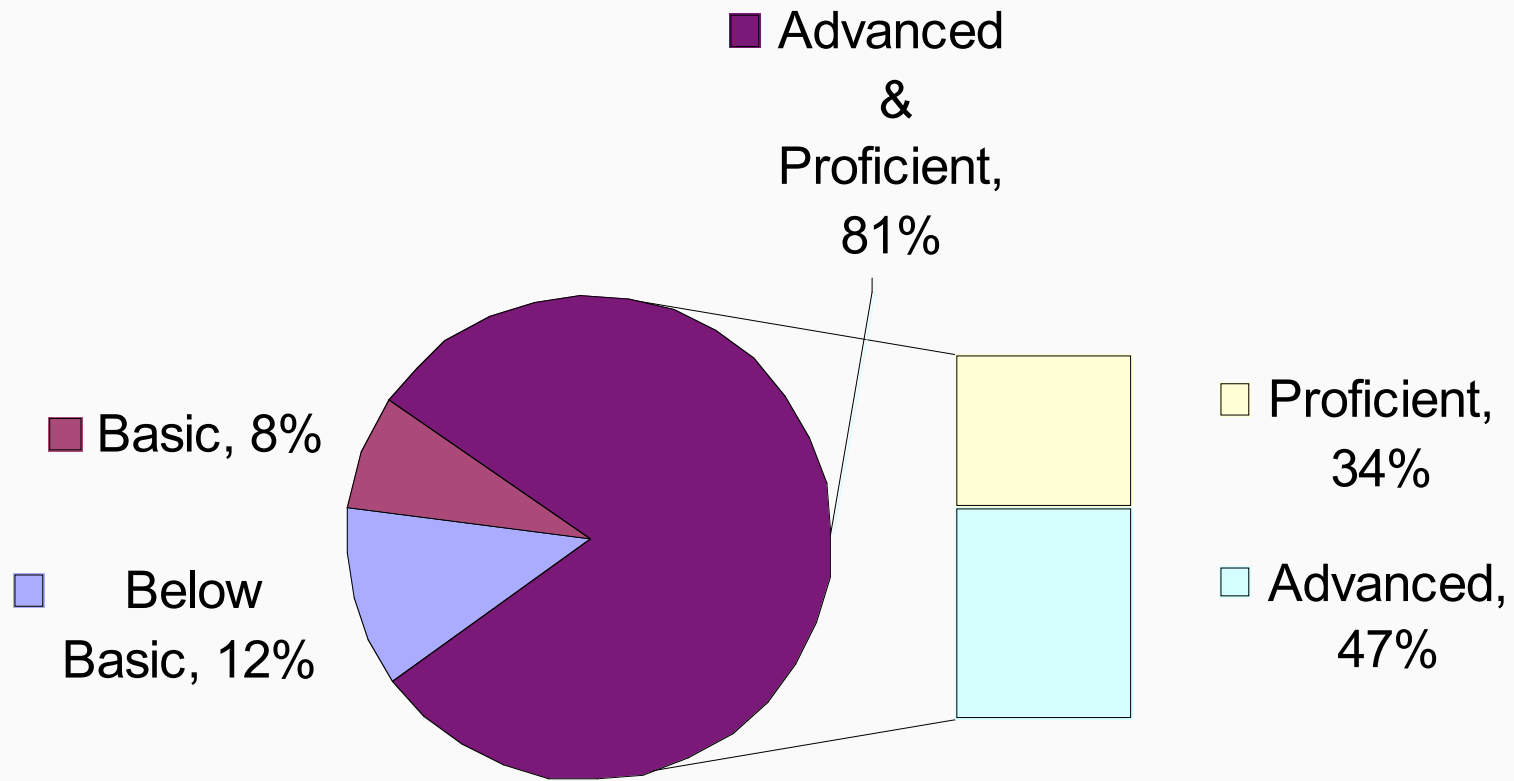
NCLB Requires 54% Proficient and Advanced

Grade 4 PSSA Math 2006



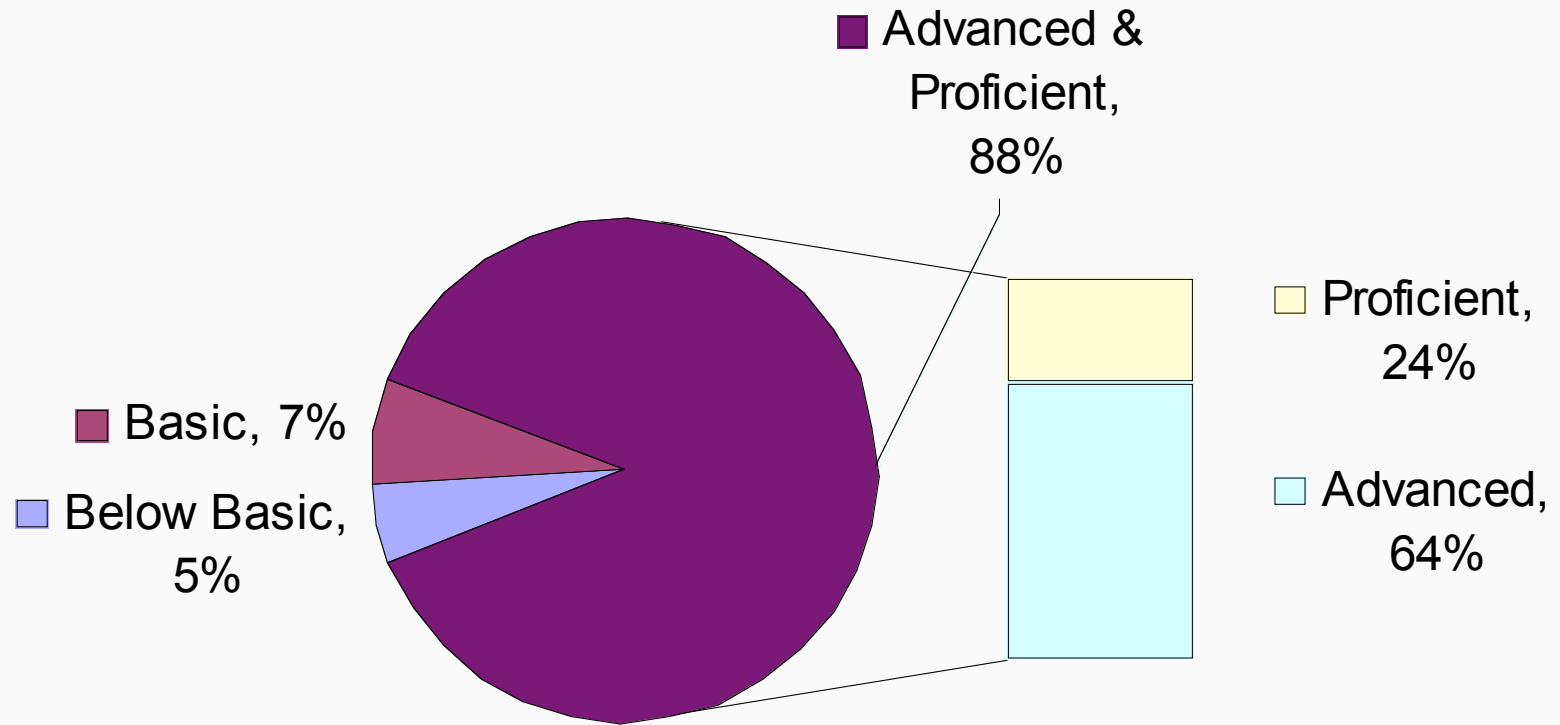
NCLB Requires 45% Proficient and Advanced

Grade 5 PSSA Reading 2006



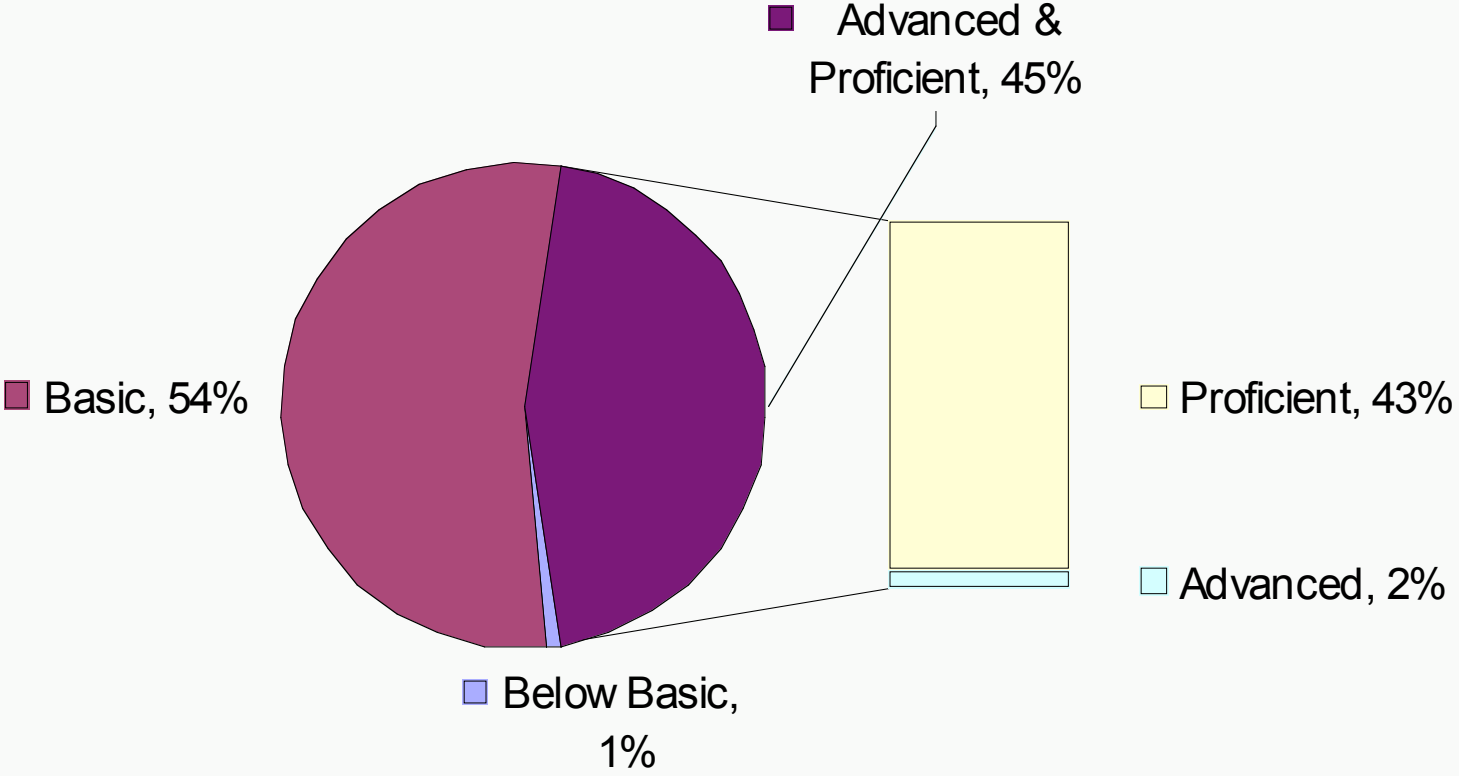
NCLB Requires 54% Proficient and Advanced

Grade 5 PSSA Math 2006

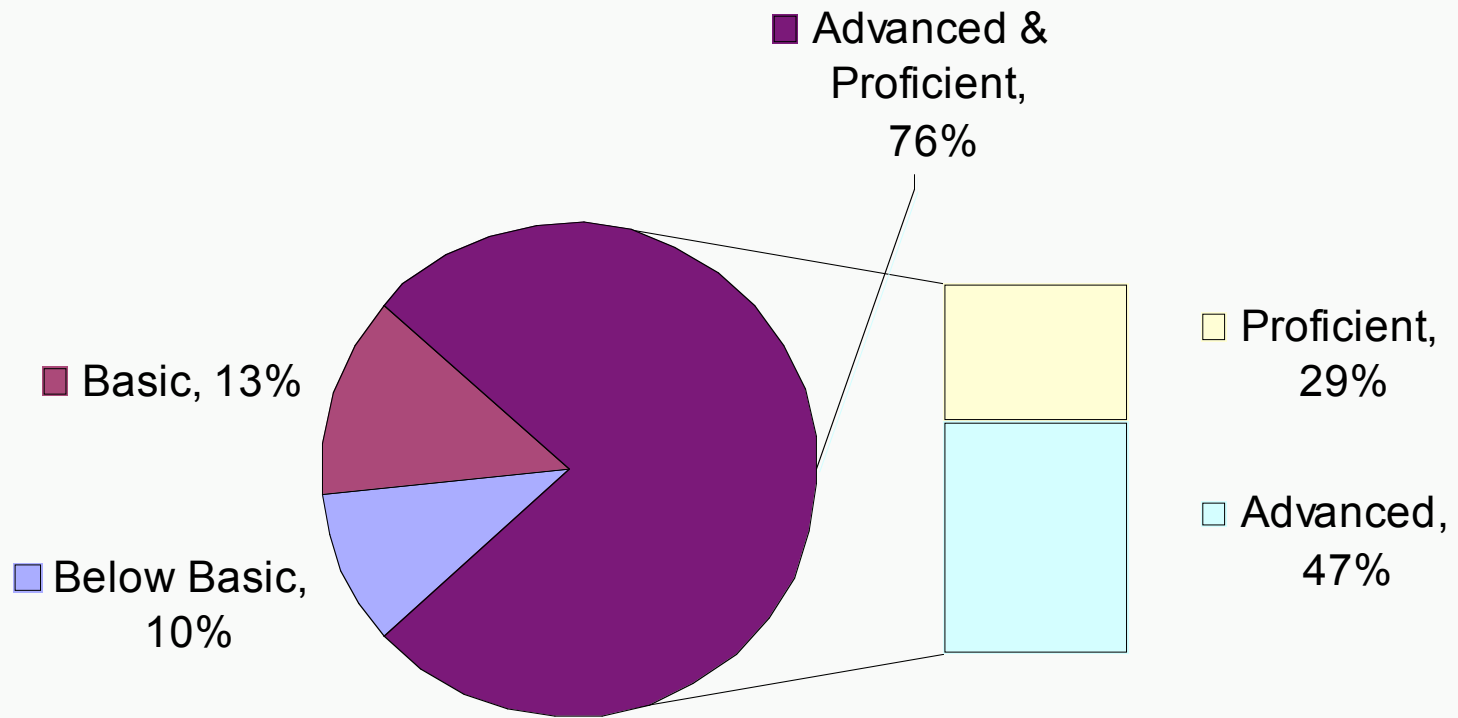


NCLB Requires 45% Proficient and Advanced

Grade 5 PSSA Writing 2006

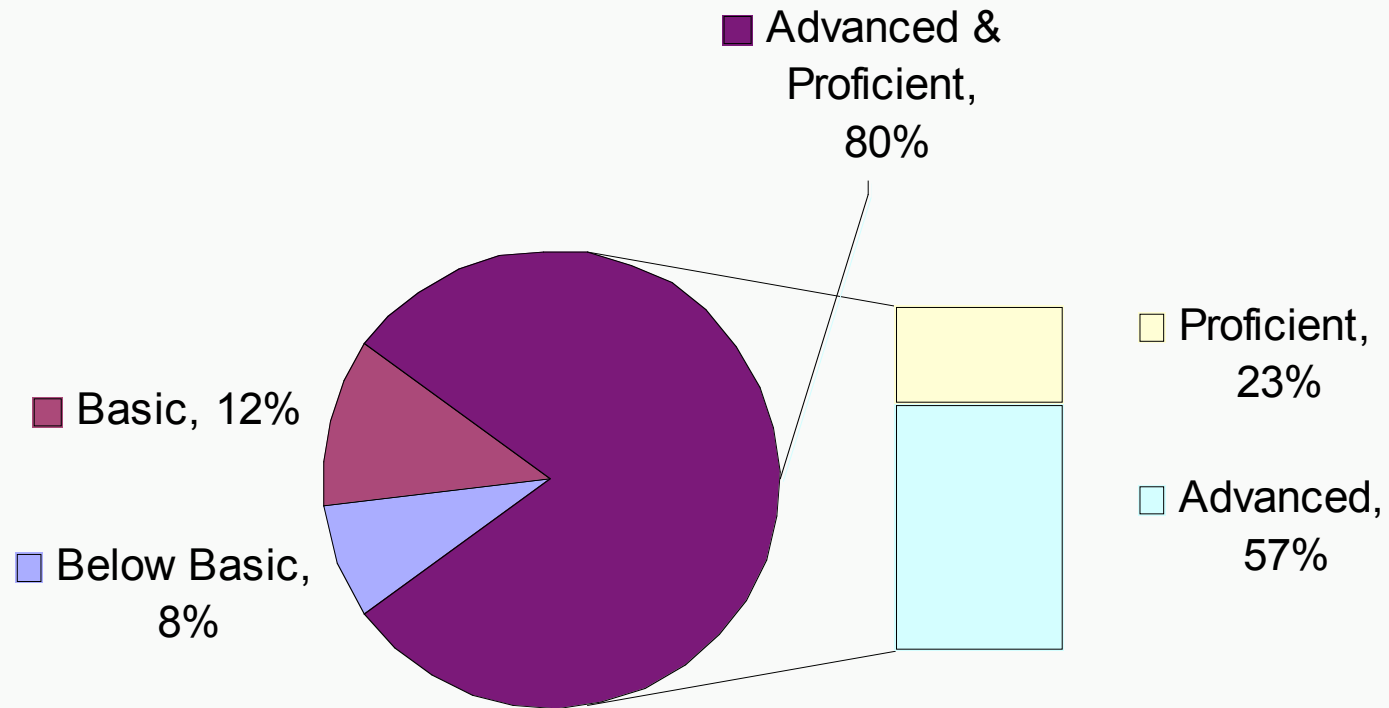


Grade 6 PSSA Reading 2006



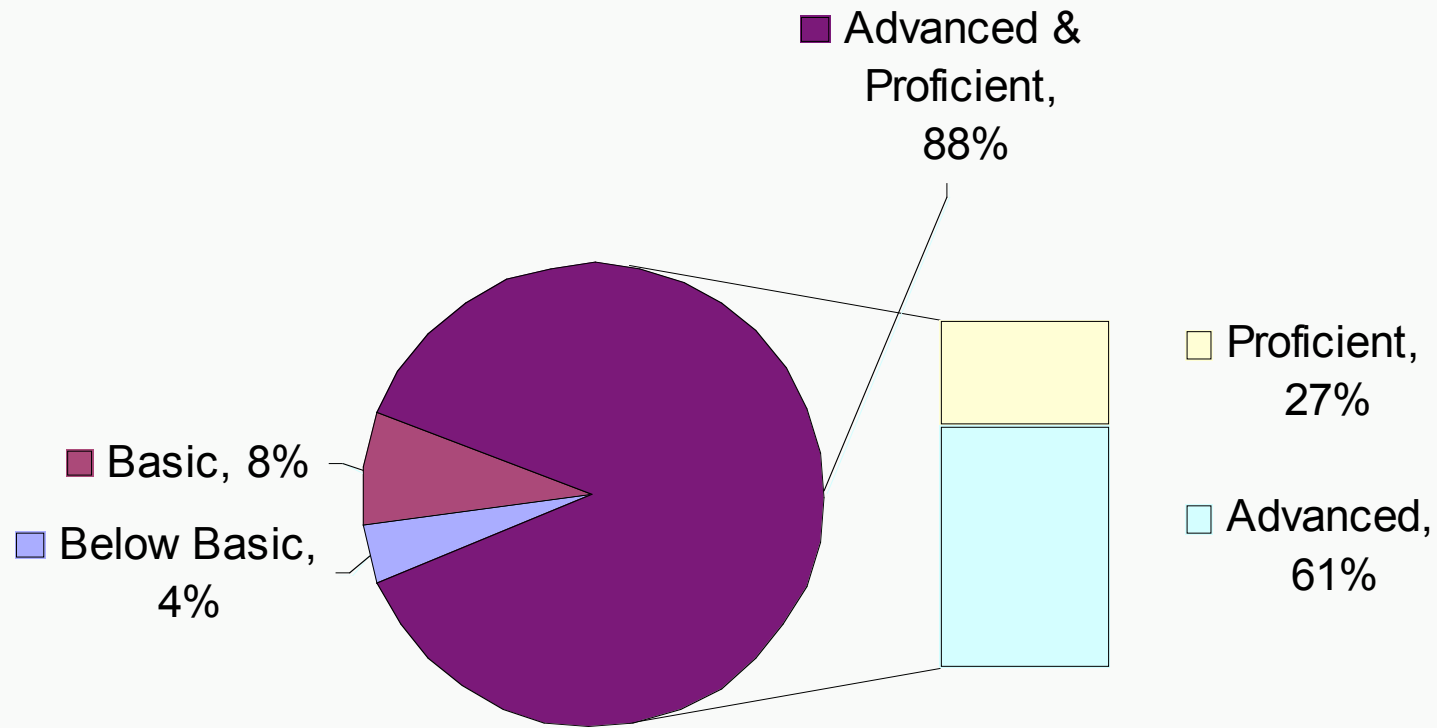
NCLB Requires 54% Proficient and Advanced

Grade 6 PSSA Math 2006



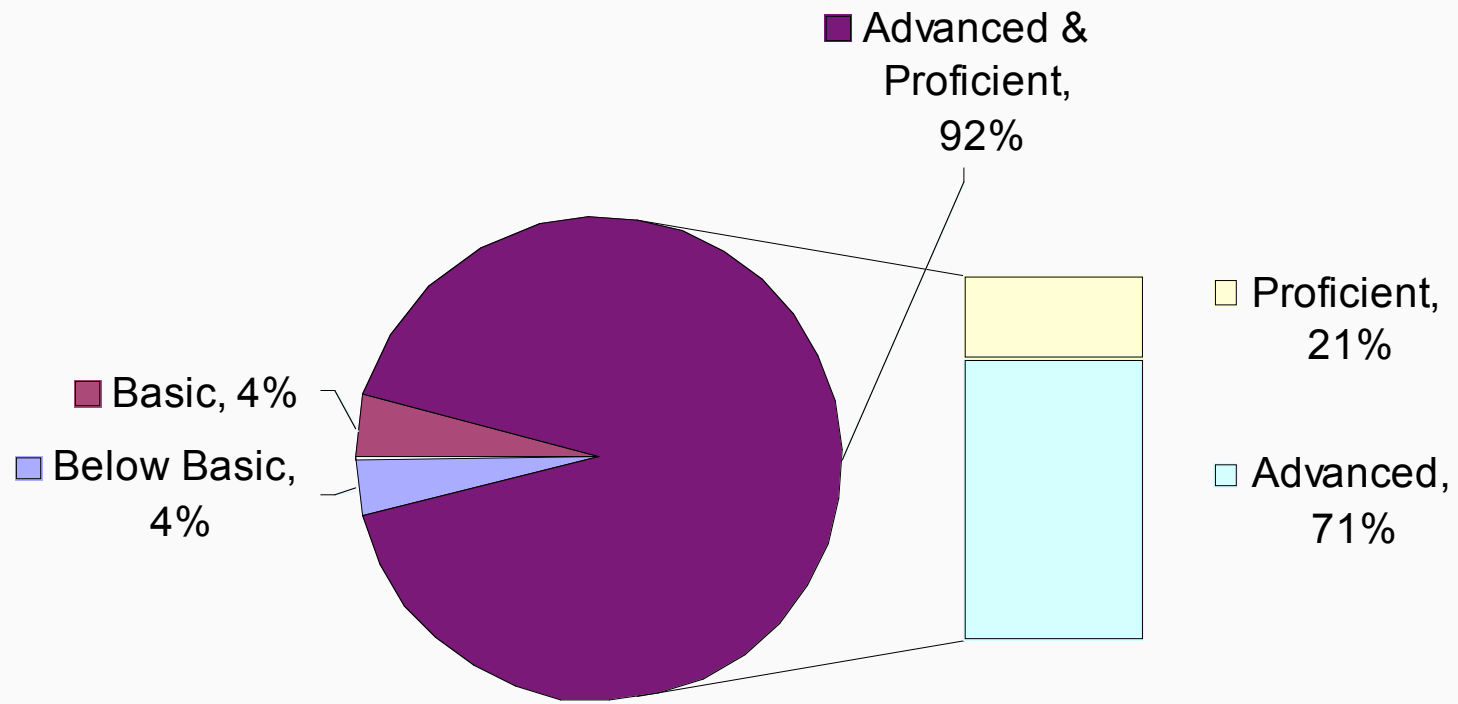
NCLB Requires 45% Proficient and Advanced

Grade 7 PSSA Reading 2006



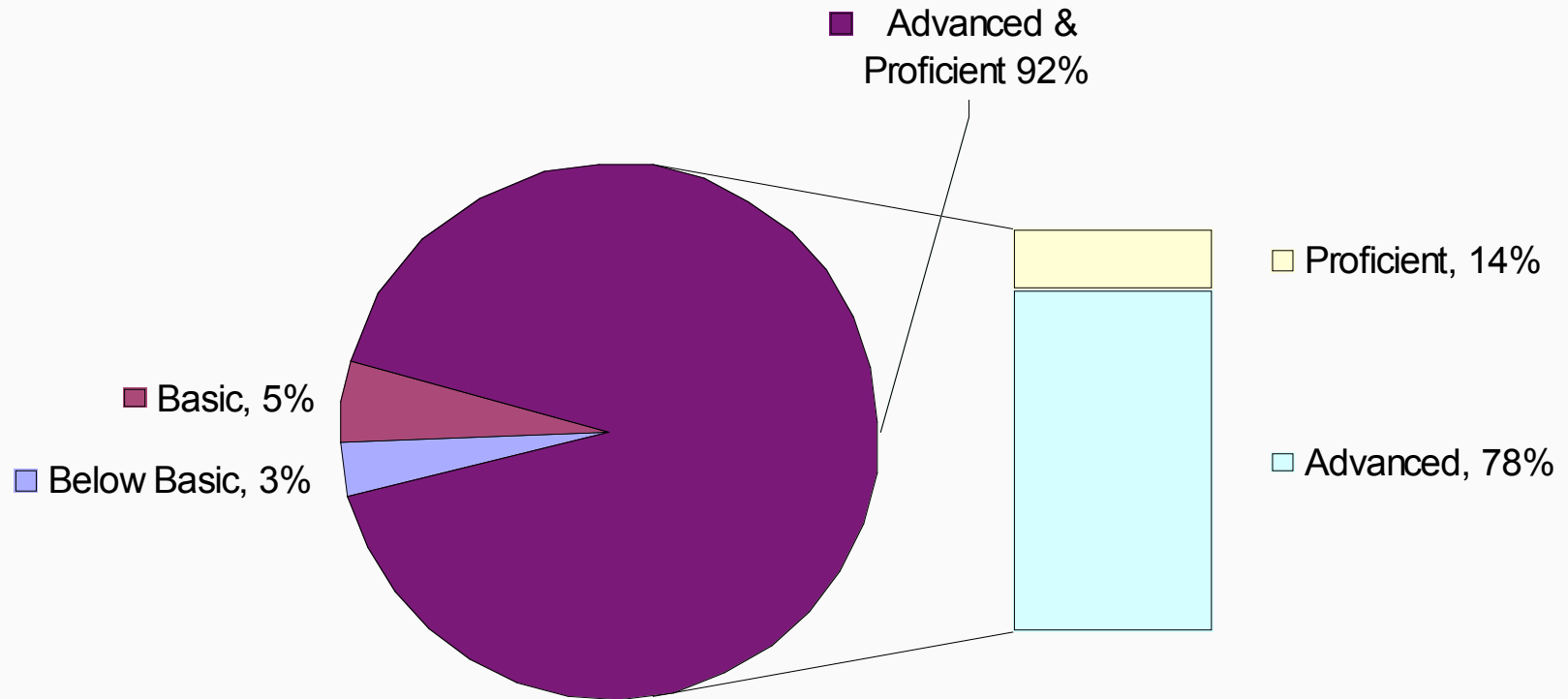
NCLB Requires 54% Proficient and Advanced

Grade 7 PSSA Math 2006



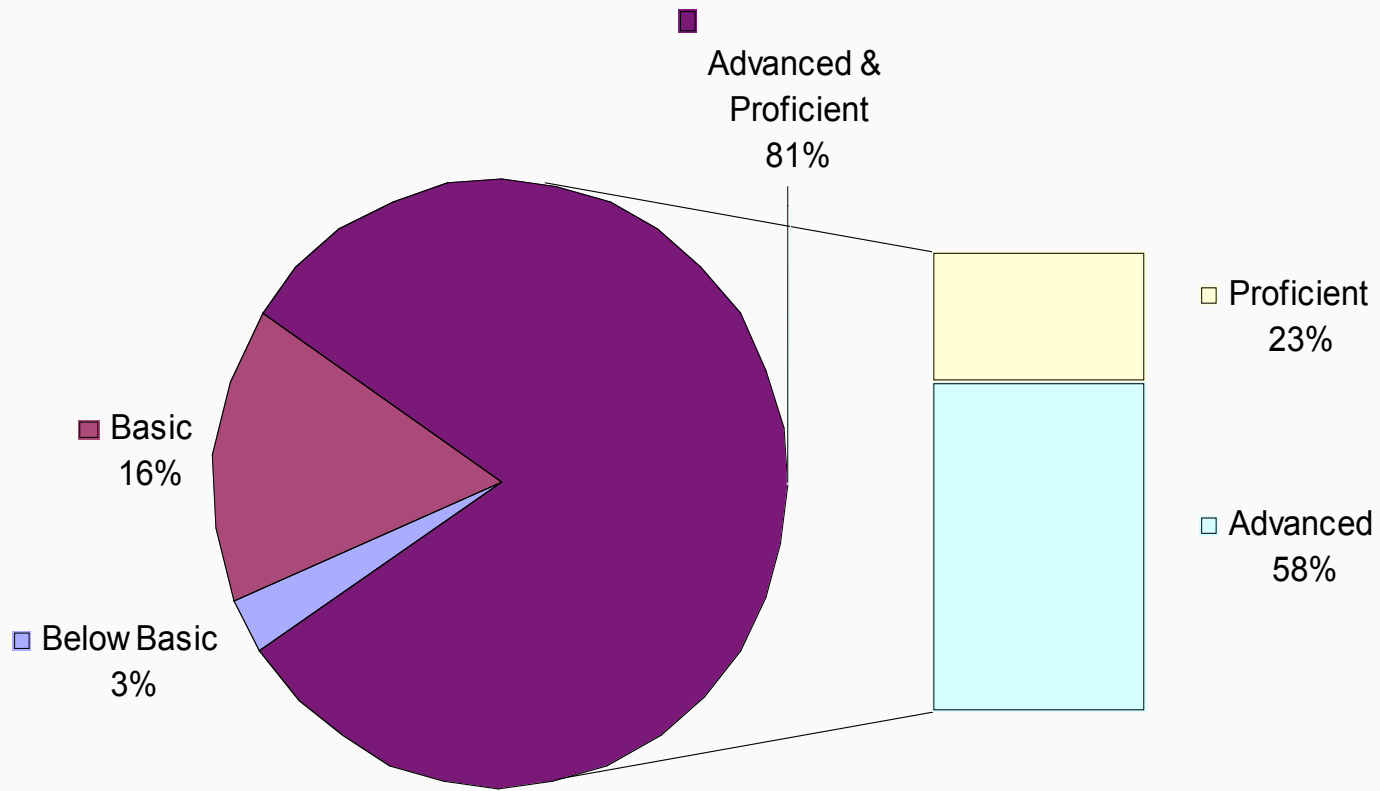
NCLB Requires 45% Proficient and Advanced

Grade 8 PSSA Reading 2006



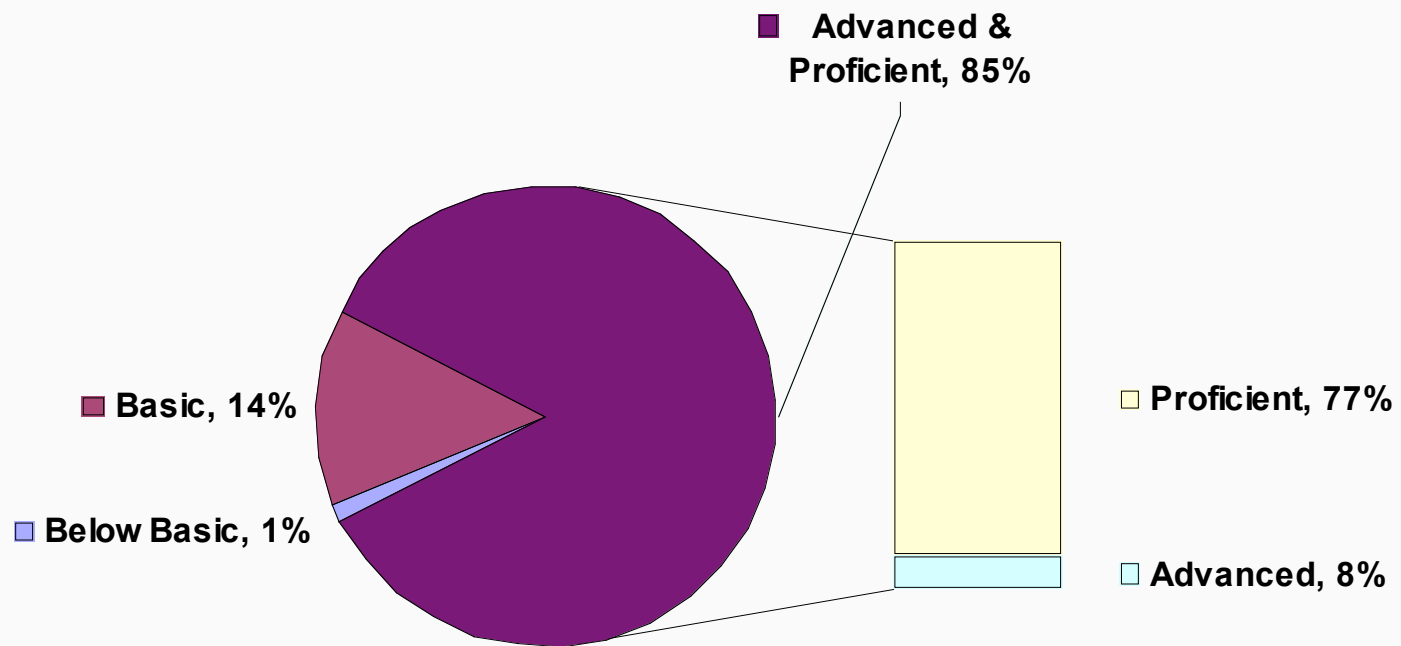
NCLB Requires 54% Proficient and Advanced

Grade 8 PSSA Math 2006

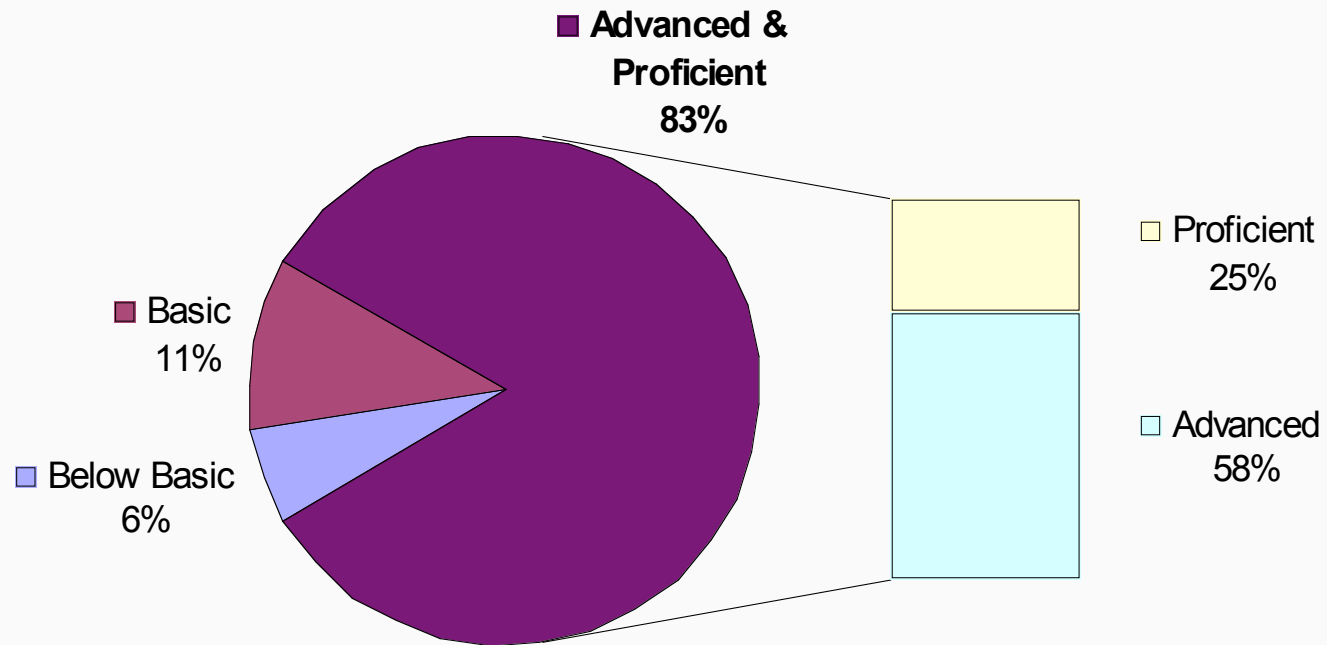


NCLB Requires 45% Proficient and Advanced

Grade 8 PSSA Writing 2006

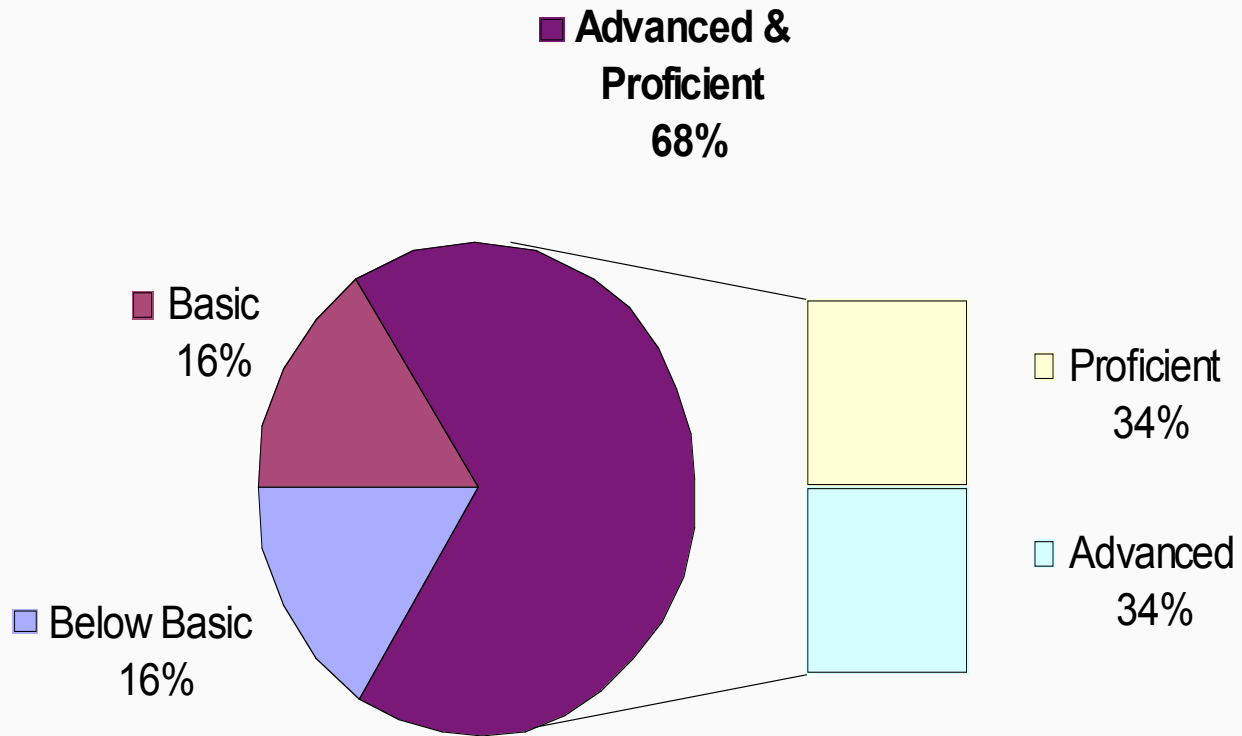


Grade 11 PSSA Reading 2006



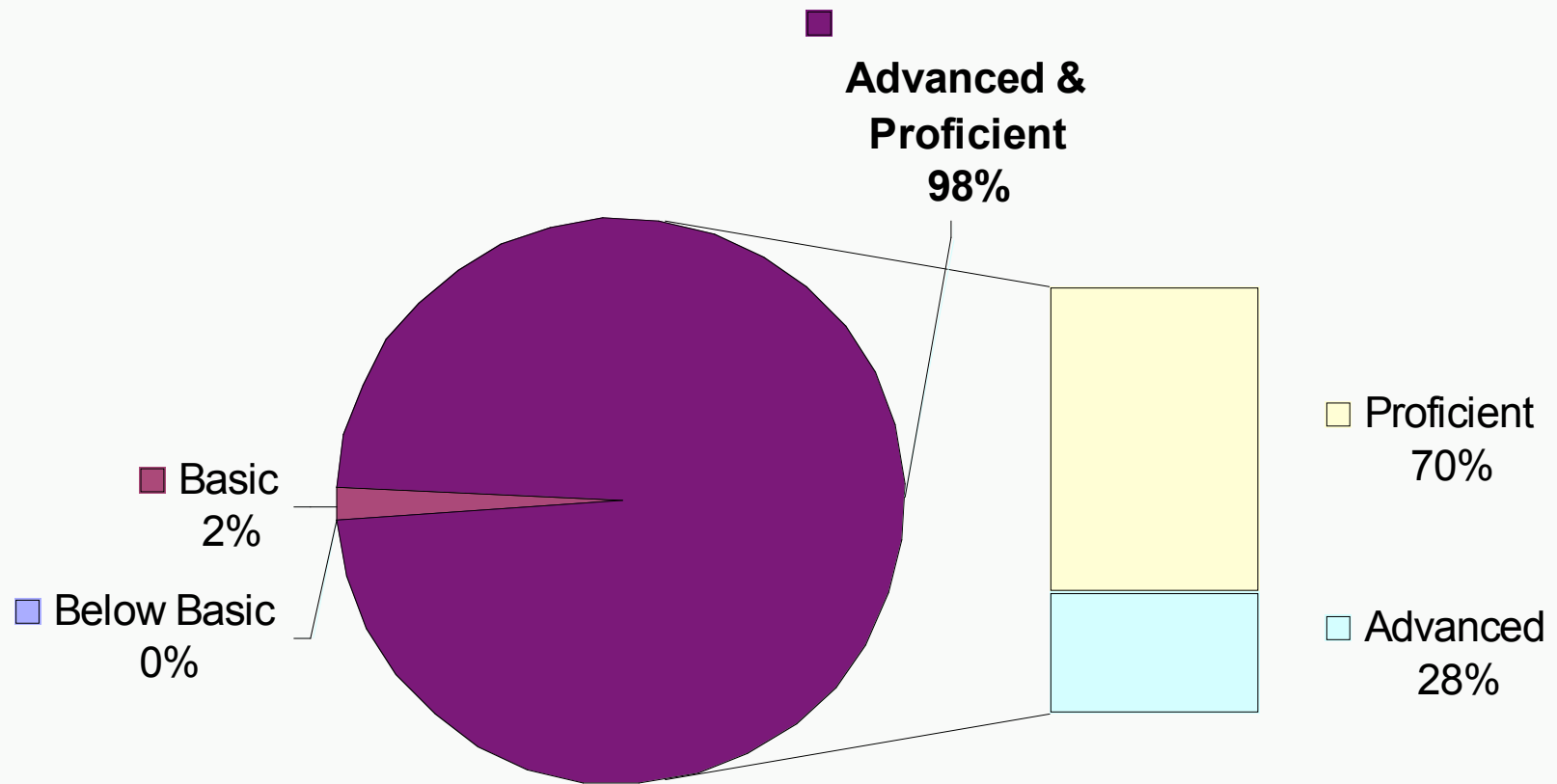
NCLB Requires 54% Proficient and Advanced

Grade 11 PSSA Math 2006



NCLB Requires 45% Proficient and Advanced

Grade 11 PSSA Writing 2006

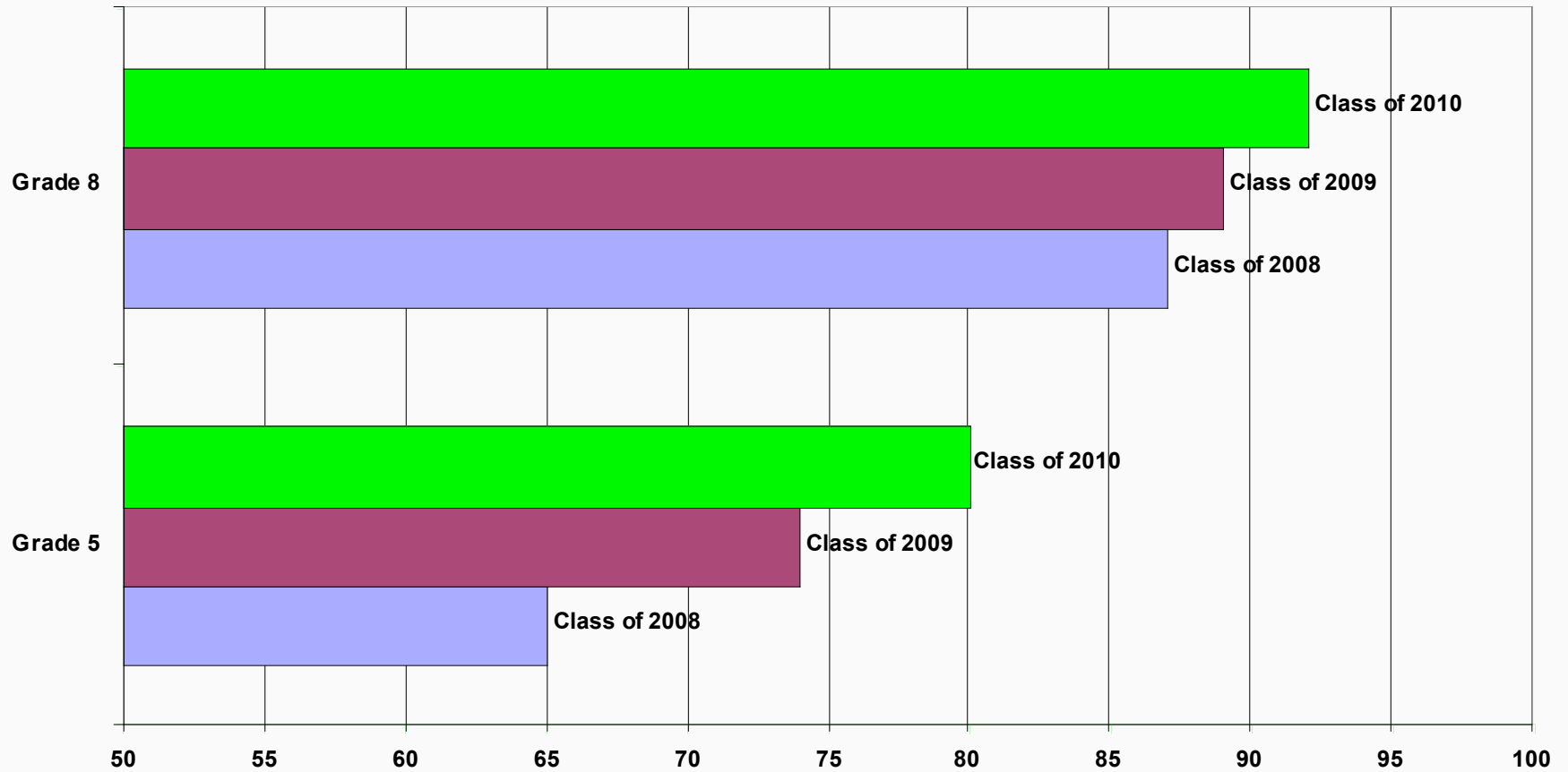


ASSESSMENT trends

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

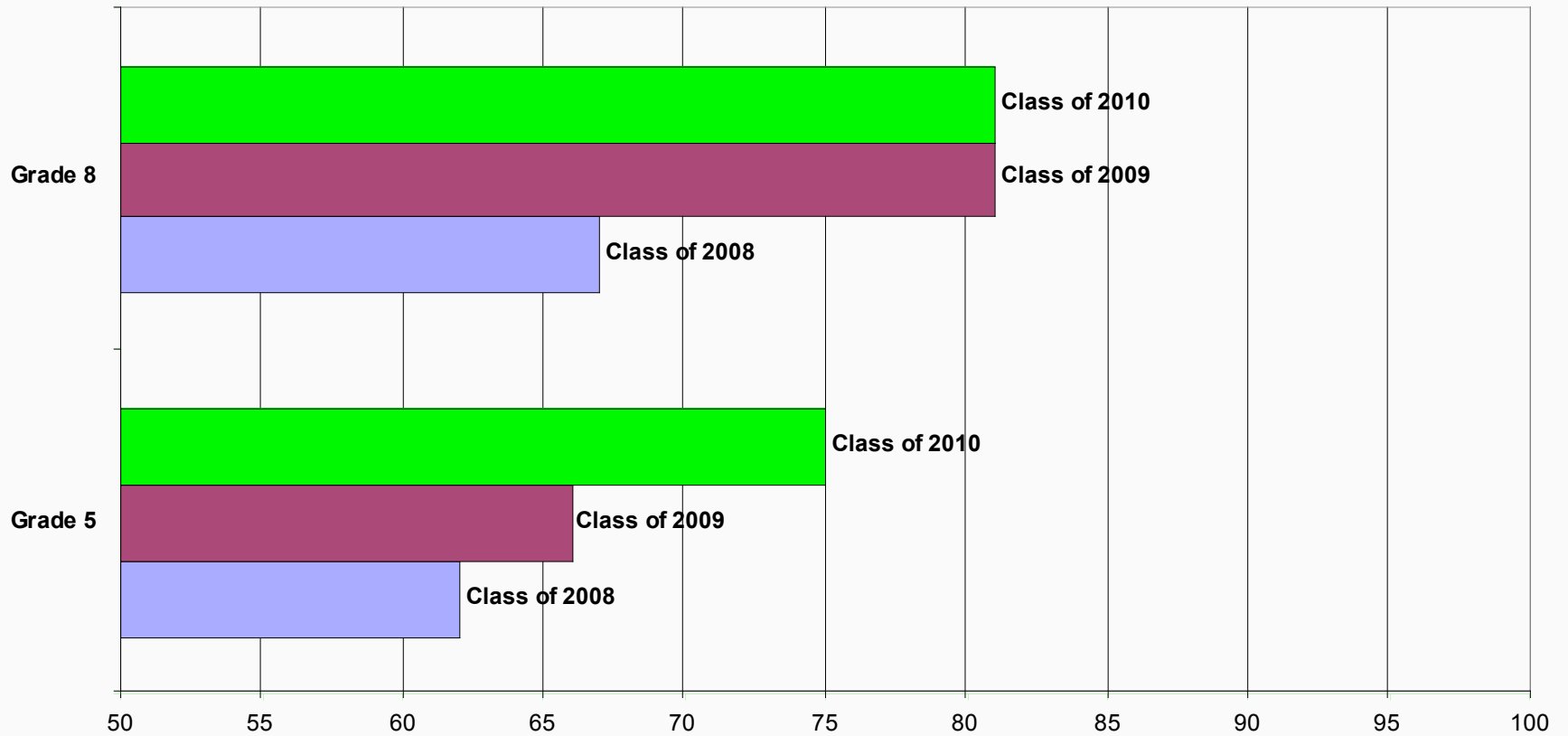
Reading	Grade 5	Grade 8	Math	Grade 5	Grade 8
Class of 2008	65	87	Class of 2008	62	67
Class of 2009	74	89	Class of 2009	66	81
Class of 2010	80	92	Class of 2010	75	81

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



	Grade 5	Grade 8
■ Class of 2010	80	92
■ Class of 2009	74	89
■ Class of 2008	65	87

PSSA Math Performance History by Class Grades 5 to 8 Advanced and Proficient

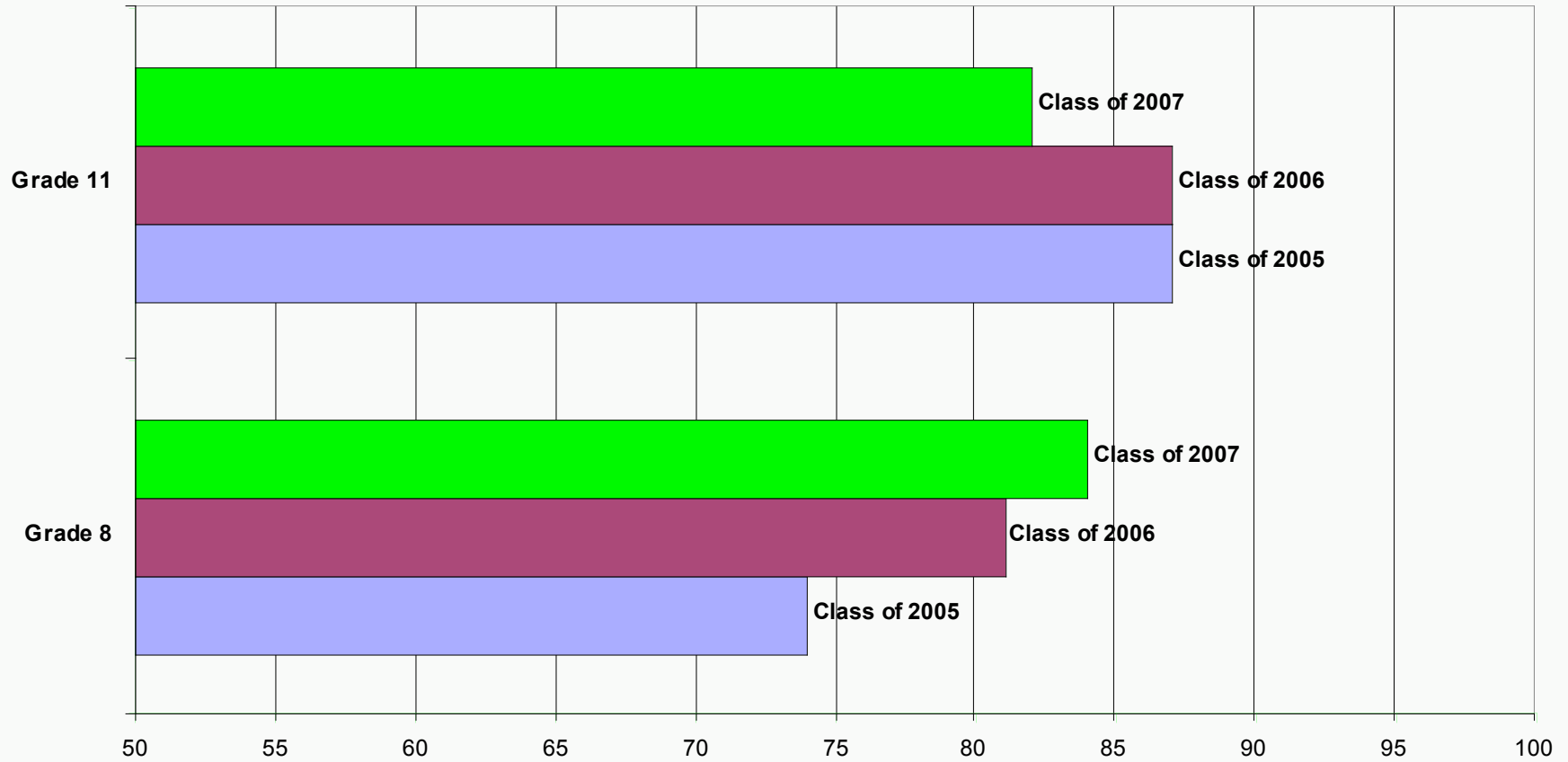


	Grade 5	Grade 8
■ Class of 2010	75	81
■ Class of 2009	66	81
■ Class of 2008	62	67

PSSA Performance Level History by Class Grades 8 to 11 Advanced and Proficient

Reading	Grade 8	Grade 11	Math	Grade 8	Grade 11
Class of 2005	74	87	Class of 2005	64	69
Class of 2006	81	87	Class of 2006	68	68
Class of 2007	84	82	Class of 2007	64	67

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



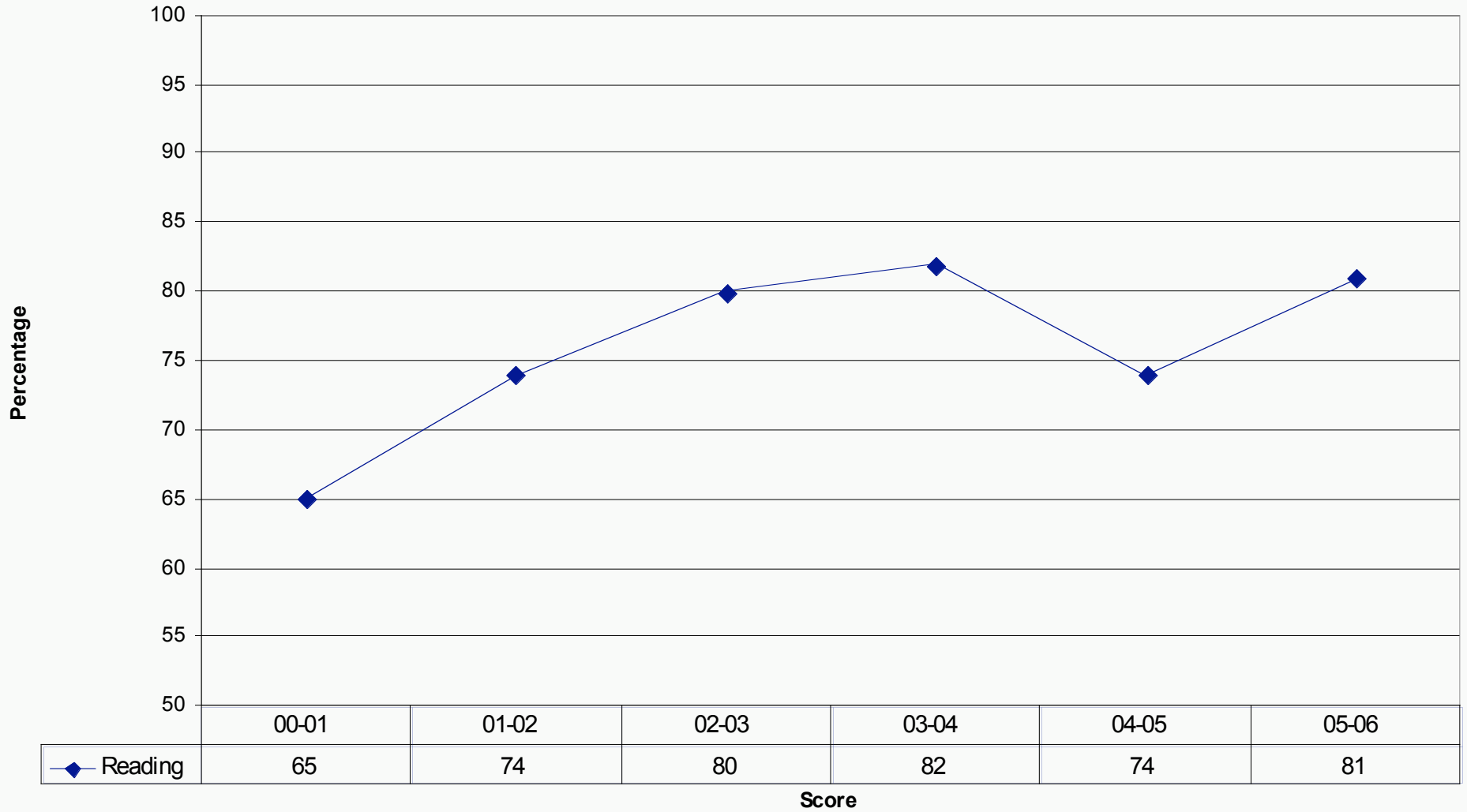
	Grade 8	Grade 11
■ Class of 2007	84	82
■ Class of 2006	81	87
■ Class of 2005	74	87

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

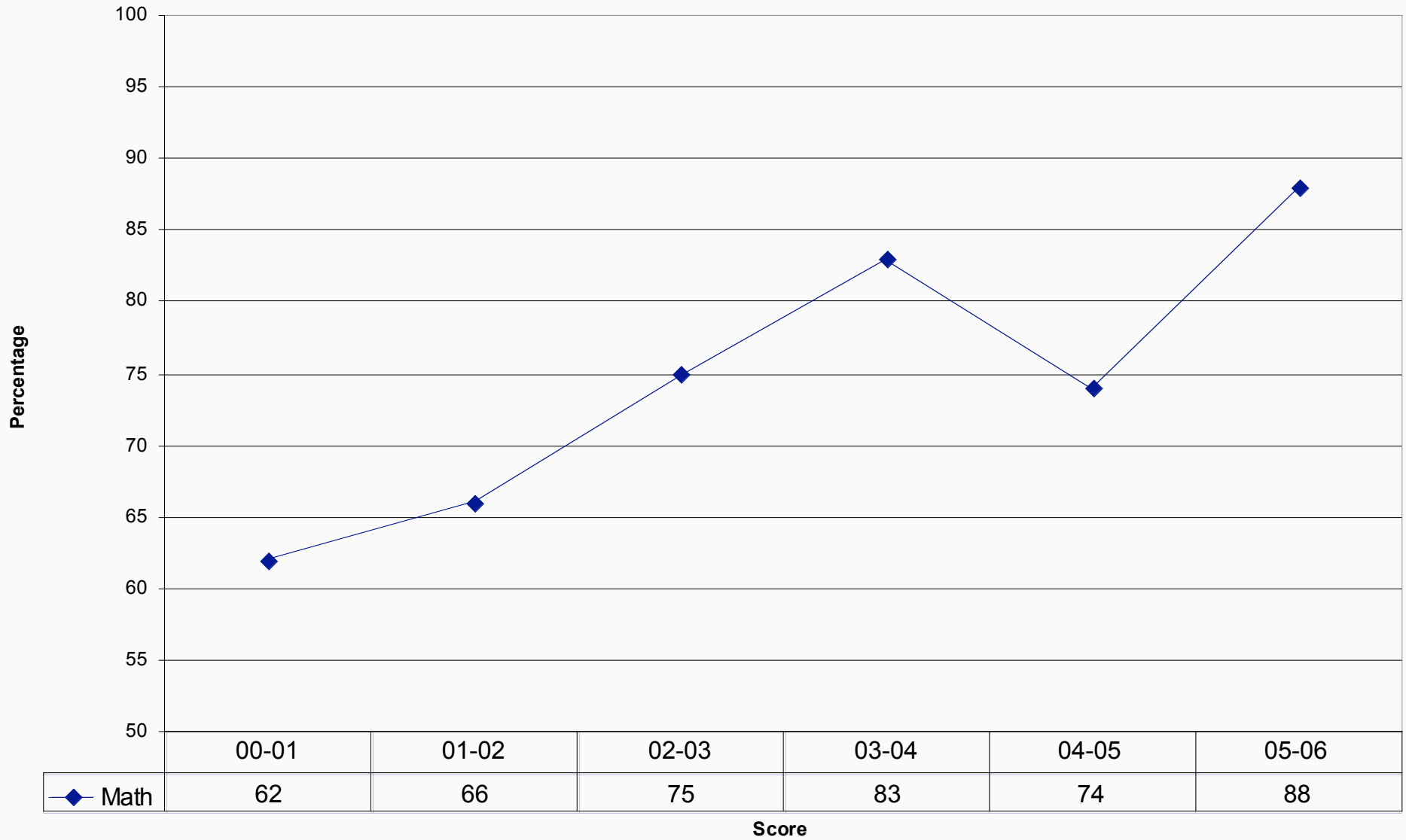


	Grade 8	Grade 11
■ Class of 2007	64	67
■ Class of 2006	68	68
■ Class of 2005	64	69

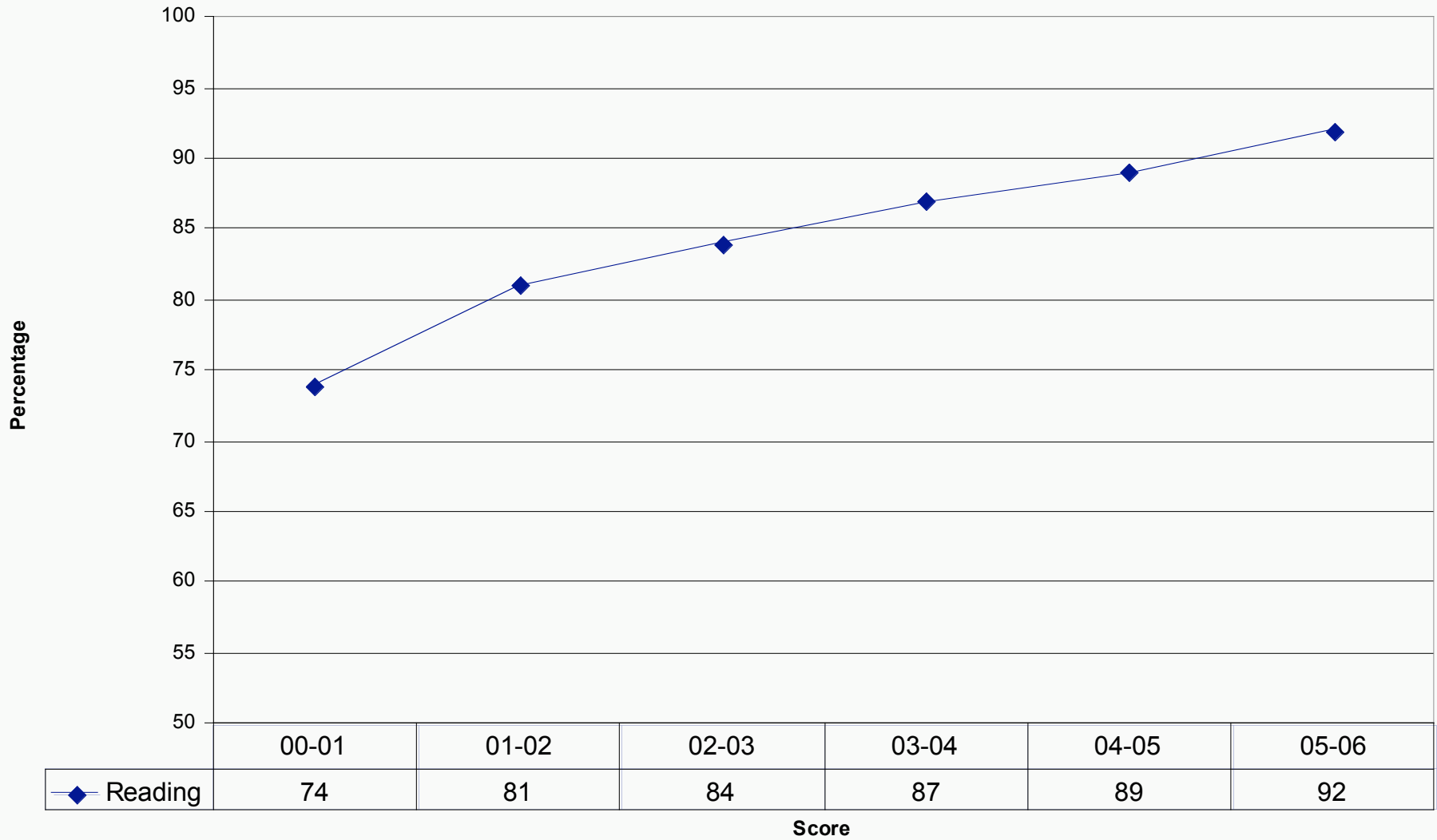
Grade 5 PSSA Reading Performance Level Trend Line Advanced & Proficient



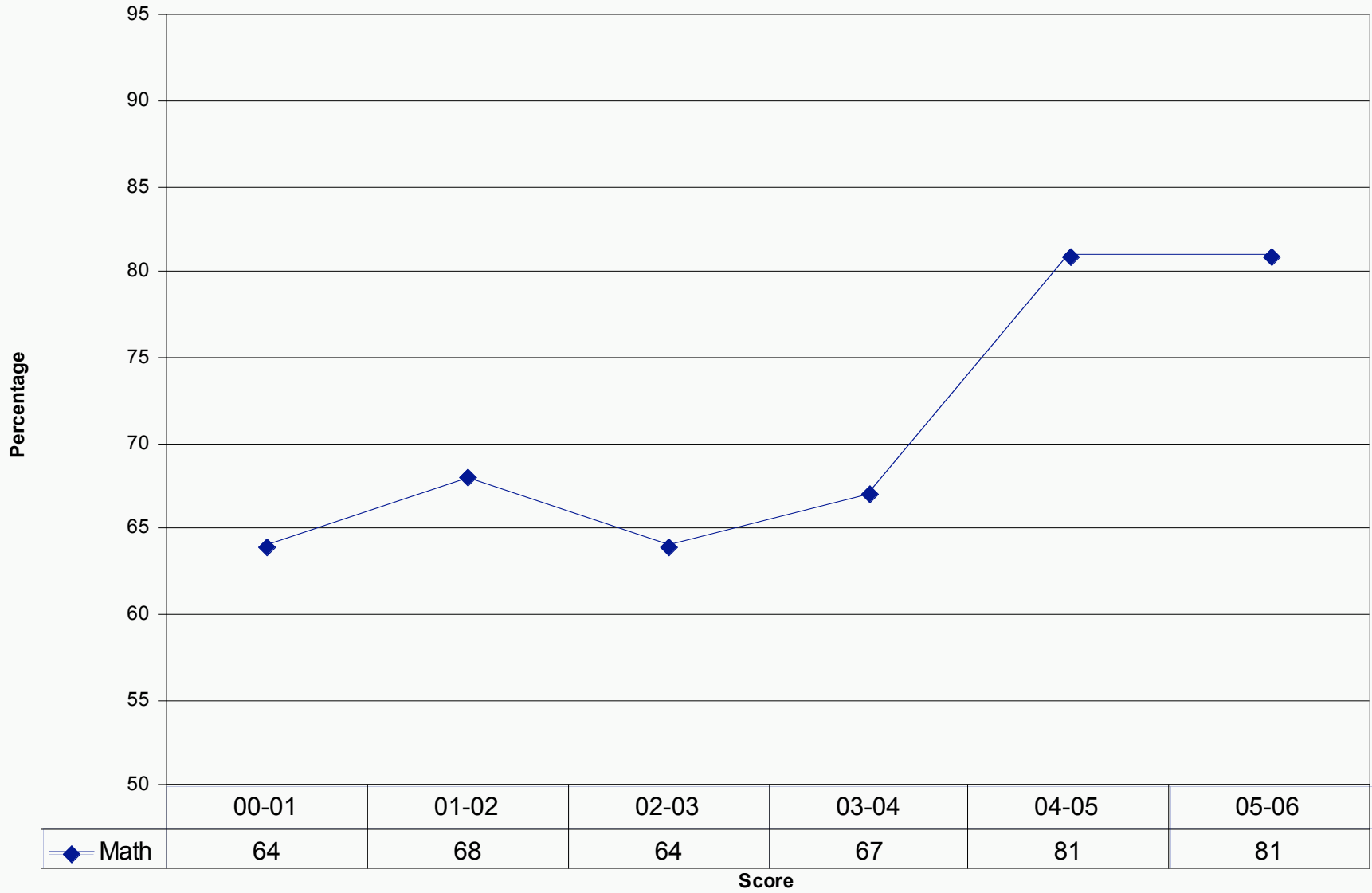
Grade 5 PSSA Math Performance Level Trend Line Advanced & Proficient



Grade 8 PSSA Reading Performance Level Trend Line Advanced & Proficient

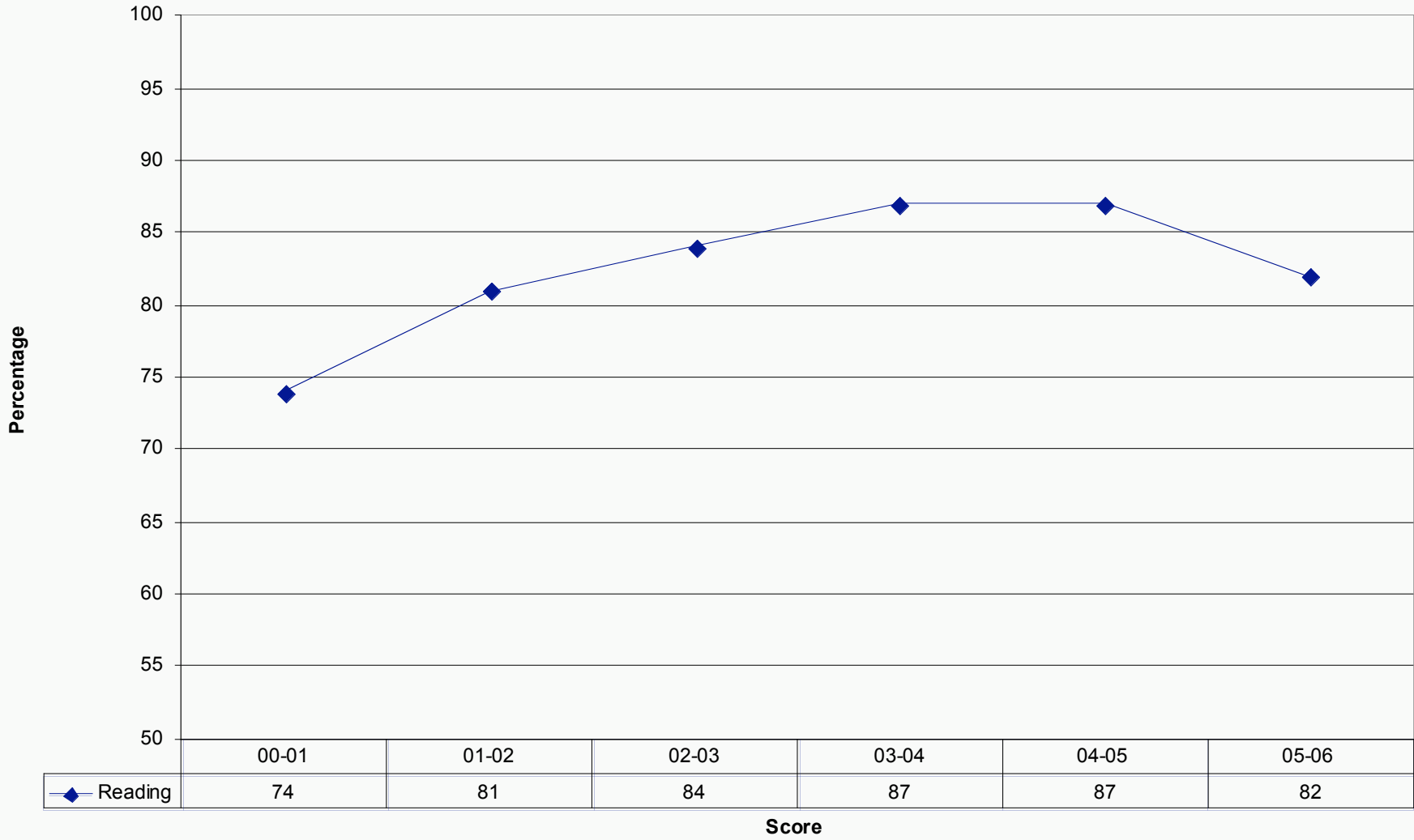


Grade 8 PSSA Math PSSA Performance Level Trend Line Advanced & Proficient

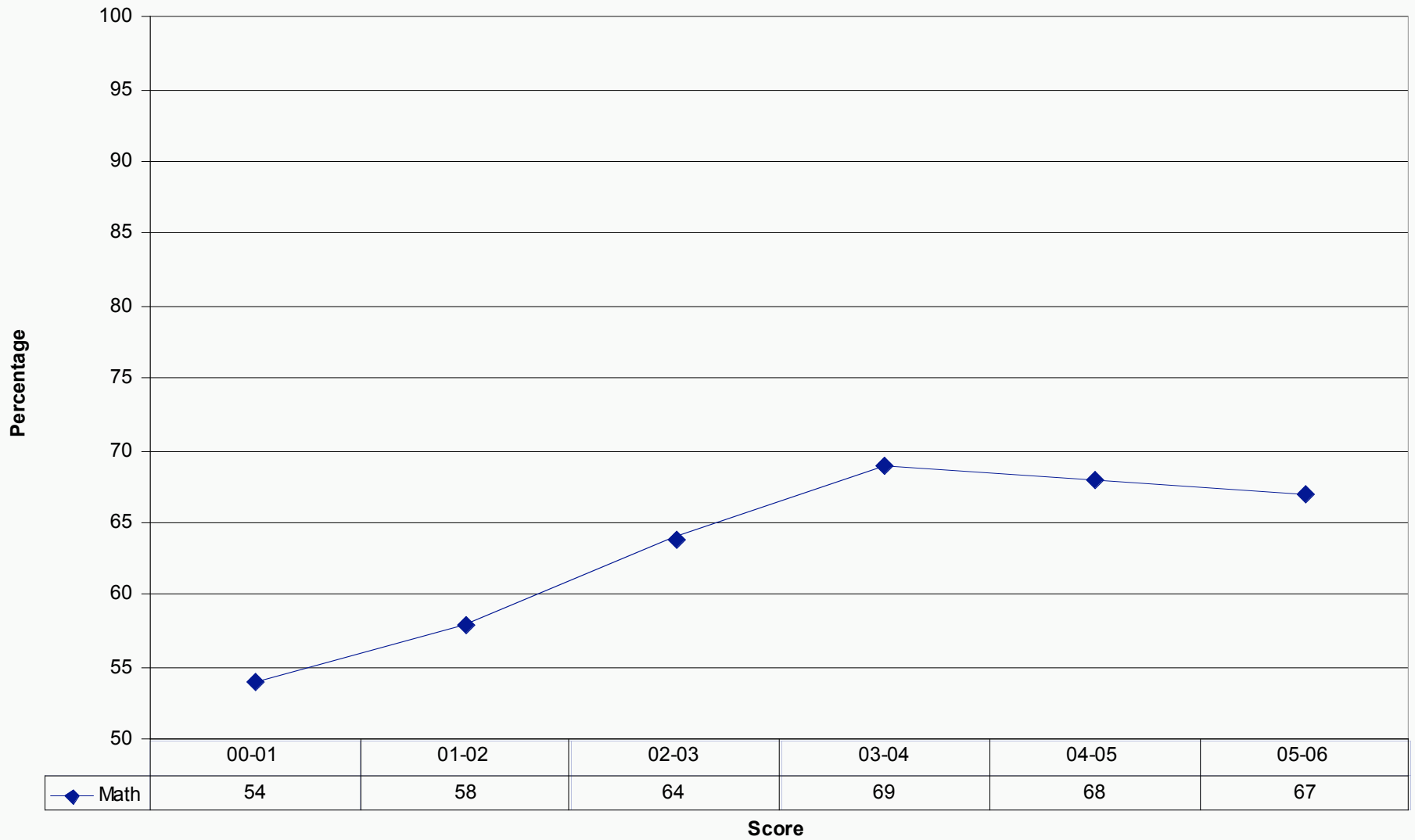


Score

Grade 11 PSSA Reading Performance Level Trend Line Advanced and Proficient



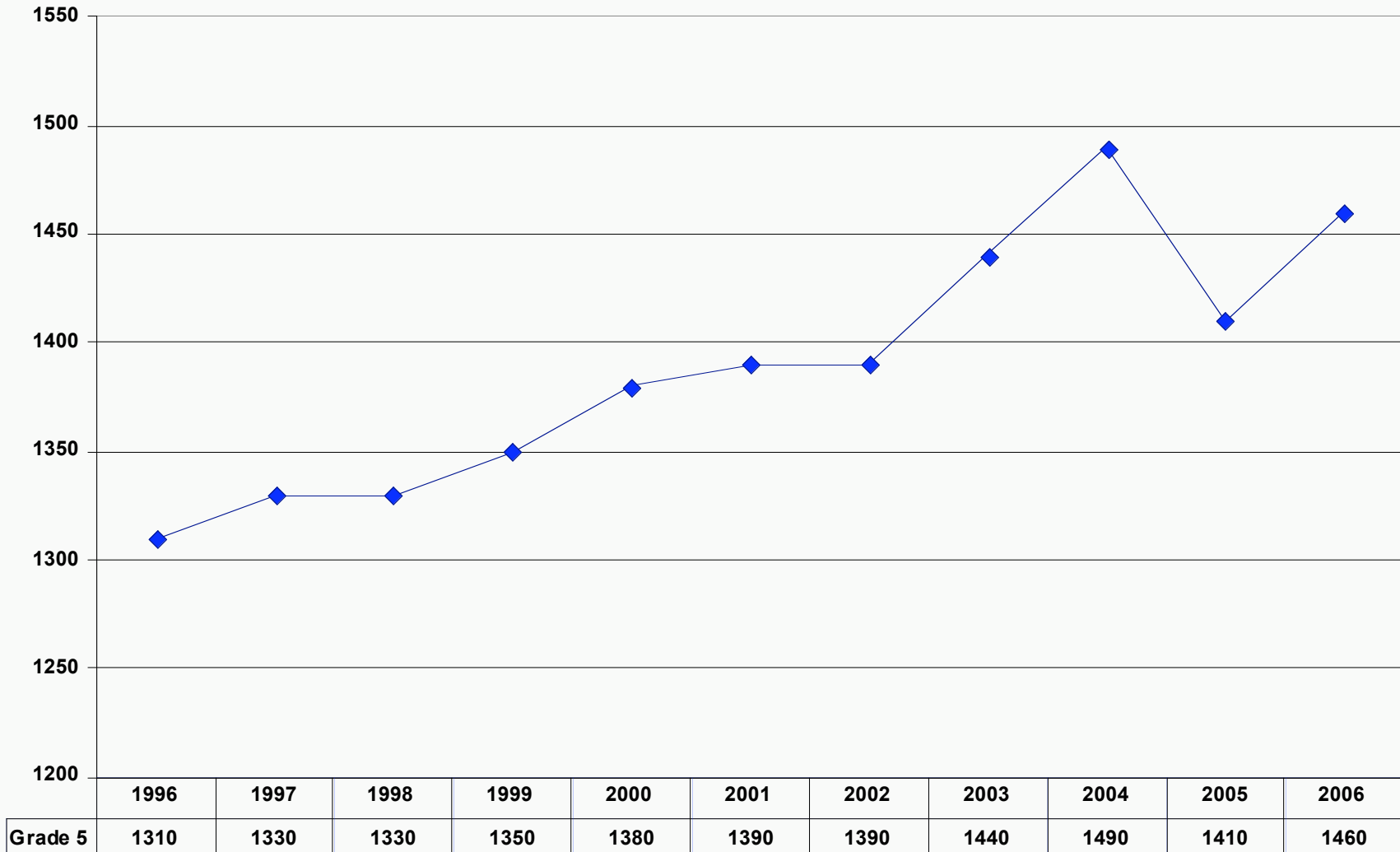
Grade 11 PSSA Math Performance Level Trend Line Advanced and Proficient



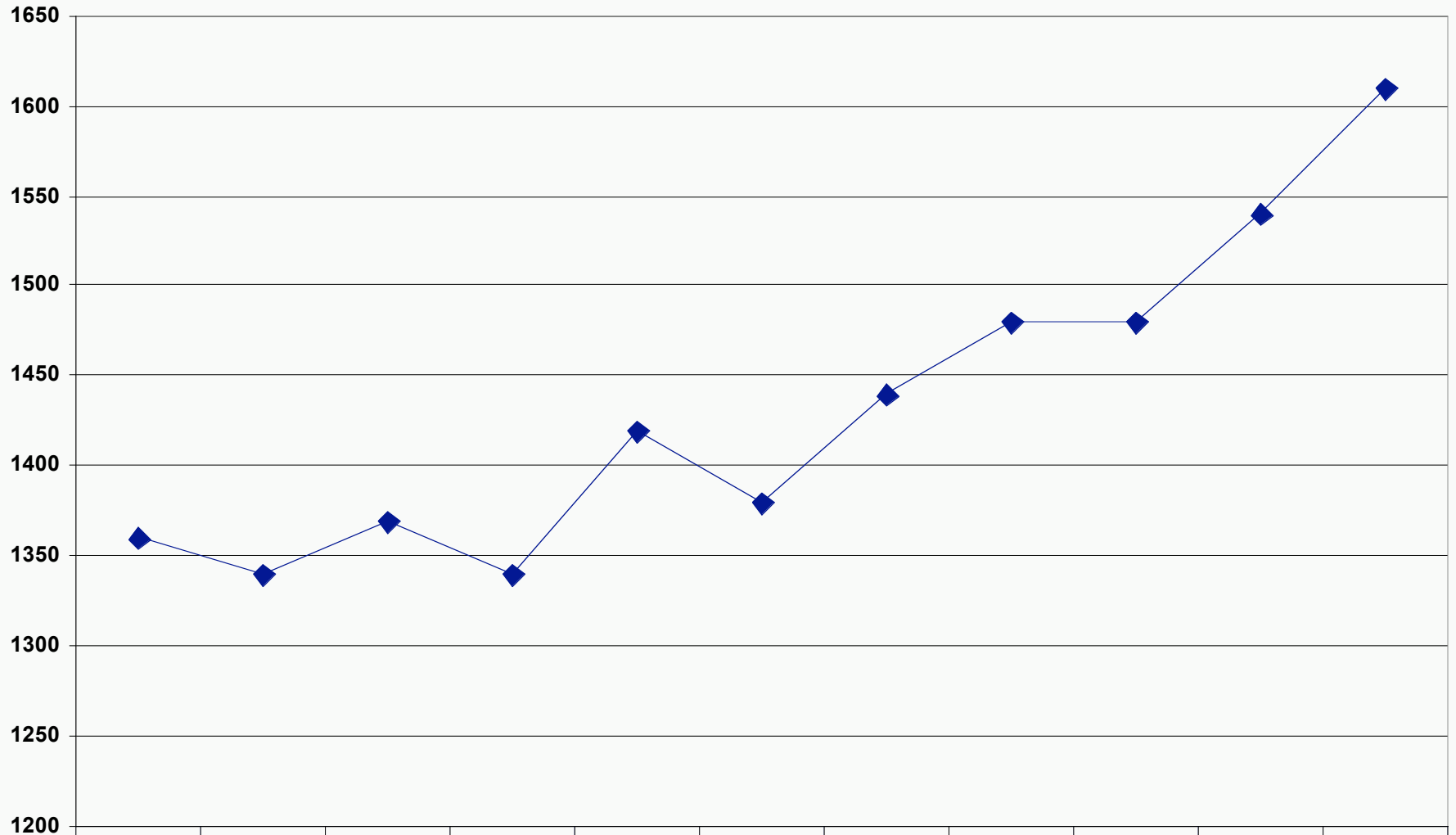
PSSA Reading Scaled Scores 11 Year History

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

Grade 5 PSSA Scaled Score History - Reading



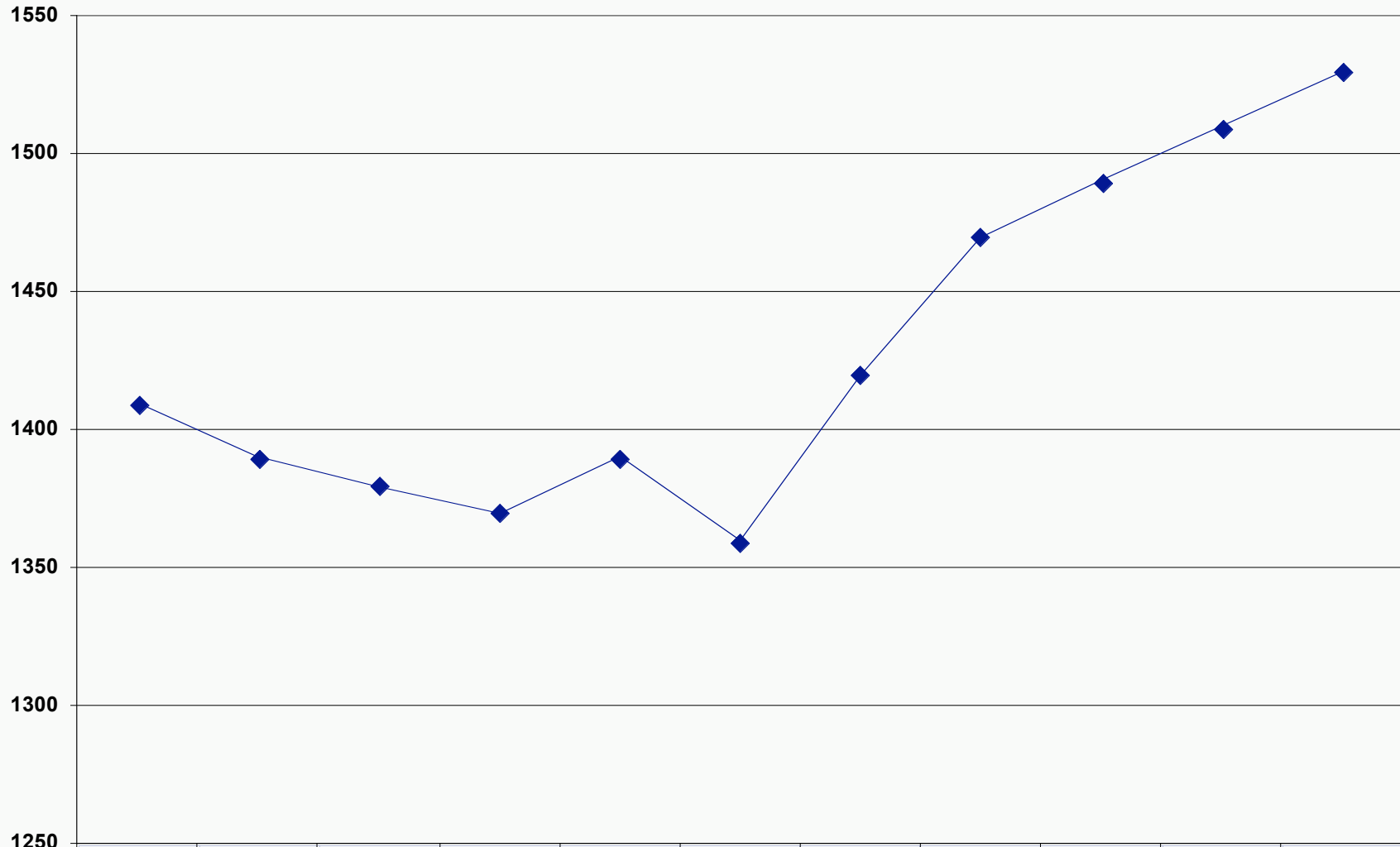
Grade 8 PSSA Scaled Score History - Reading



◆ Grade 8

1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
1360	1340	1370	1340	1420	1380	1440	1480	1480	1540	1610

Grade 11 PSSA Scaled Score History - Reading



◆ Grade 11

1996

1997

1998

1999

2000

2001

2002

2003

2004

2005

2006

1410

1390

1380

1370

1390

1360

1420

1470

1490

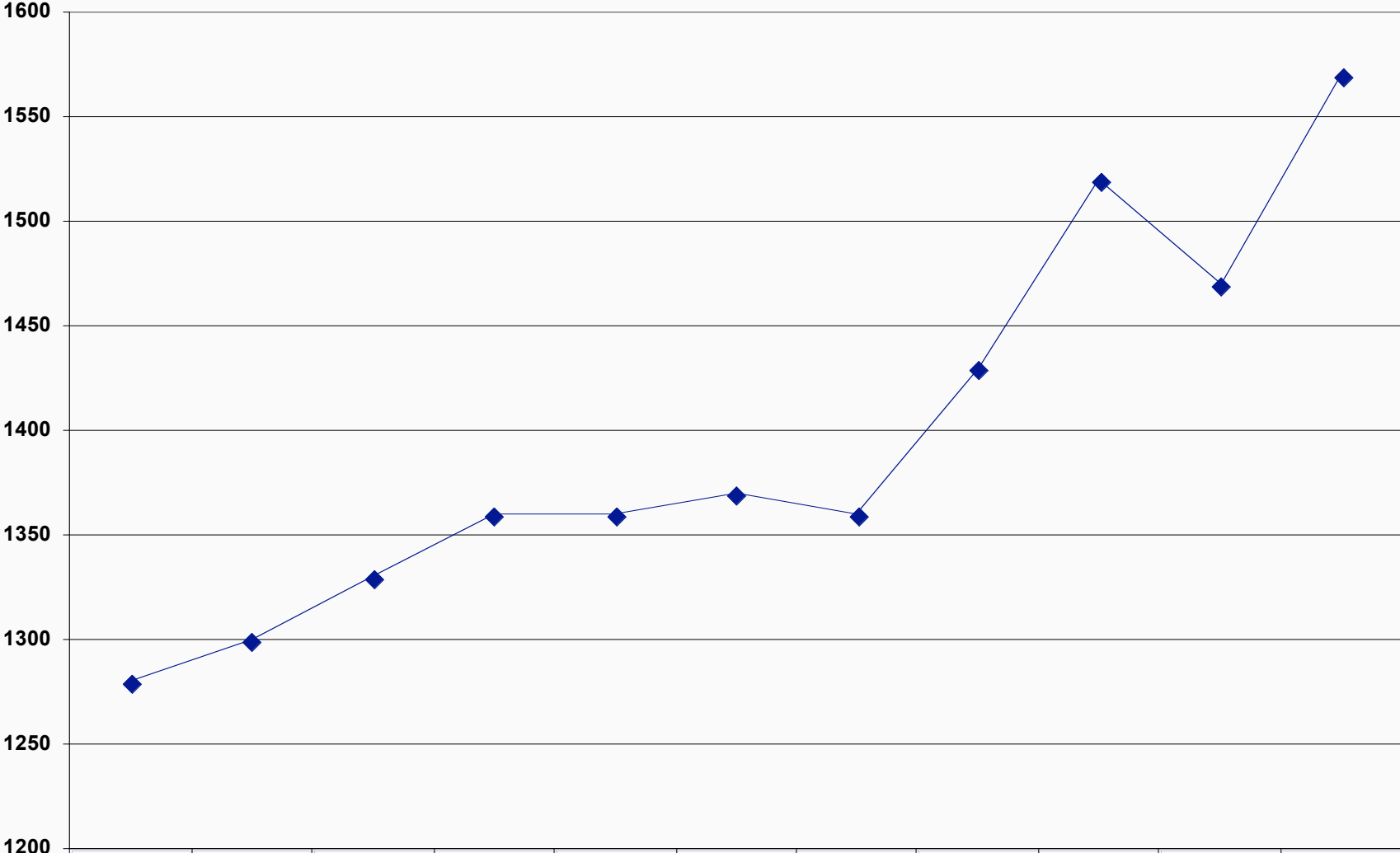
1510

1530

PSSA Math Scaled Scores 11 Year History

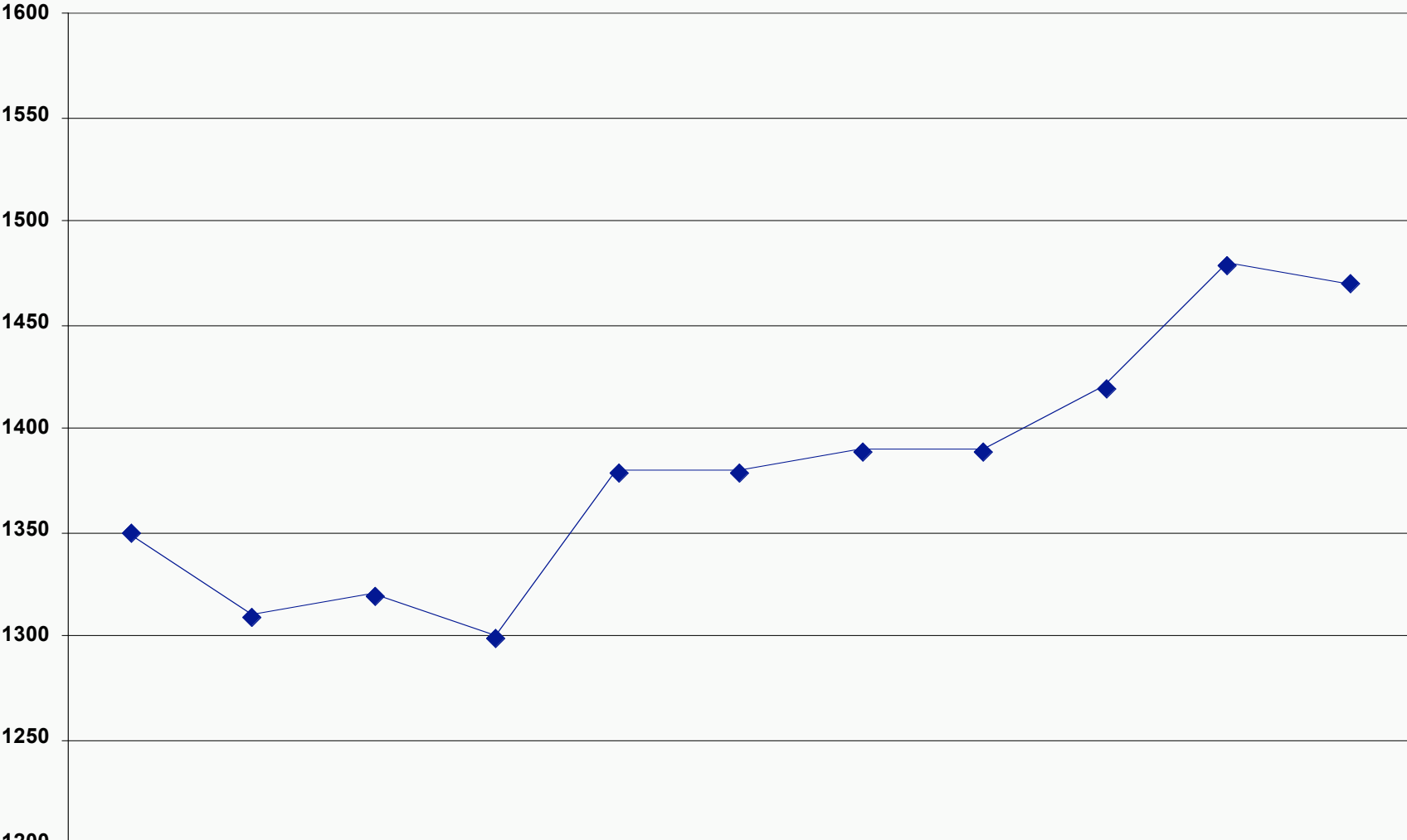
Year	Grade 5	Grade 8	Grade 11
1996	1280	1350	1370
1997	1300	1310	1390
1998	1330	1320	1420
1999	1360	1300	1410
2000	1360	1380	1380
2001	1370	1380	1360
2002	1360	1390	1360
2003	1430	1390	1390
2004	1520	1420	1400
2005	1470	1480	1410
2006	1570	1470	1410

Grade 5 PSSA Scaled Score History - Math



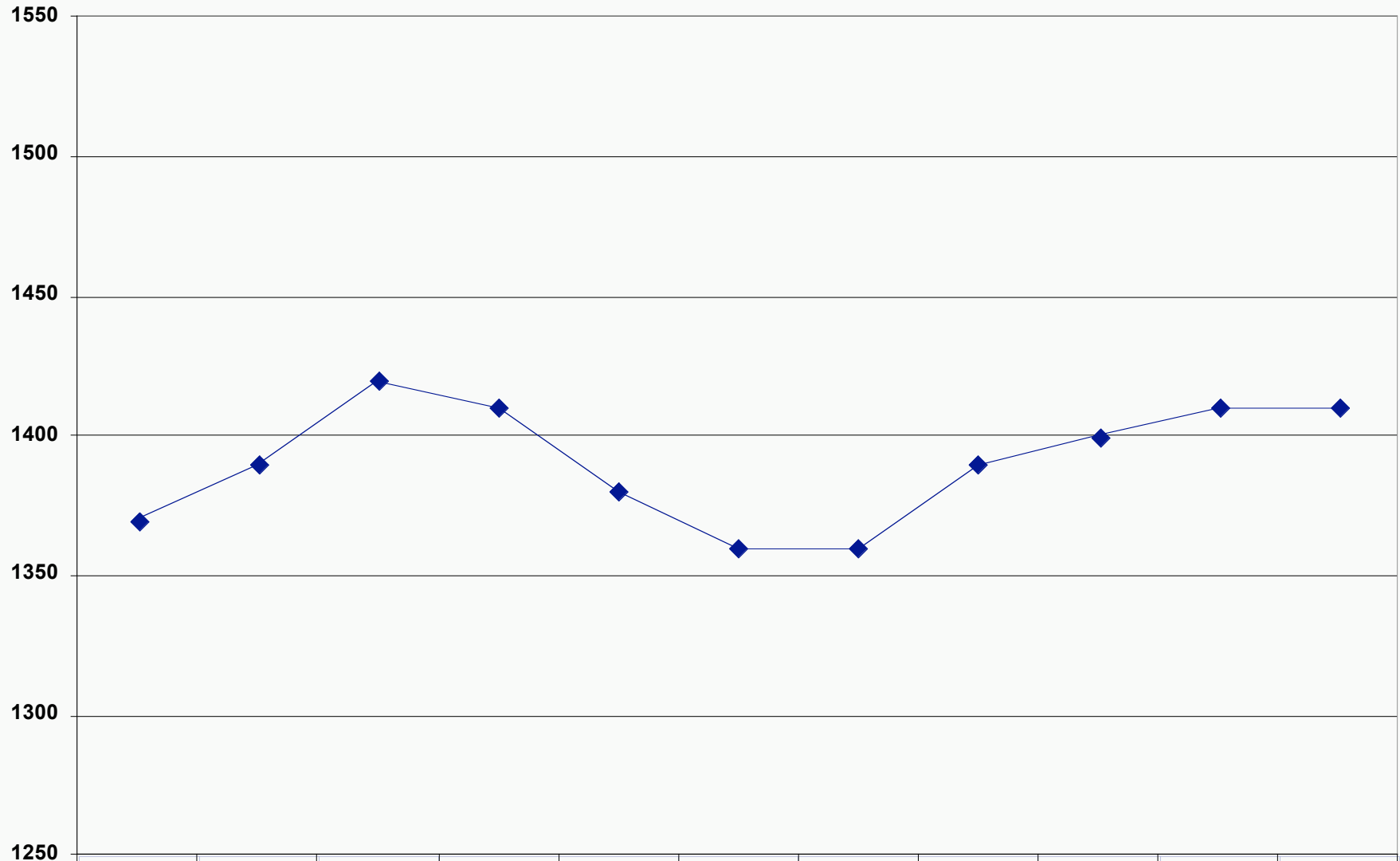
◆ Grade 5	1280	1300	1330	1360	1360	1370	1360	1430	1520	1470	1570
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Grade 8 PSSA Scaled Score History - Math



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

Grade 11 PSSA Scaled Scores History - Math



◆ Grade 11

1996

1997

1998

1999

2000

2001

2002

2003

2004

2005

2006

1370

1390

1420

1410

1380

1360

1360

1390

1400

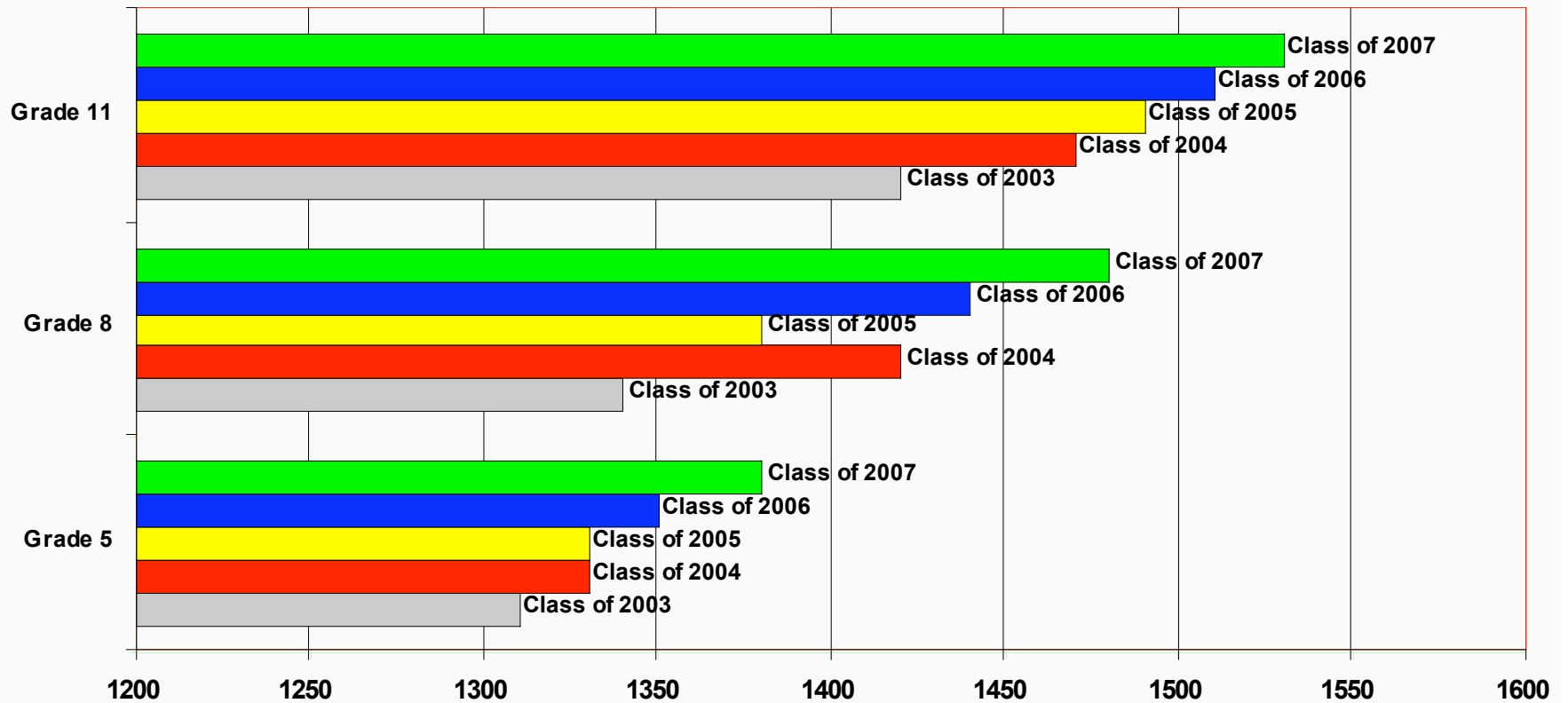
1410

1410

*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

PSSA Reading Scaled Score History by Class

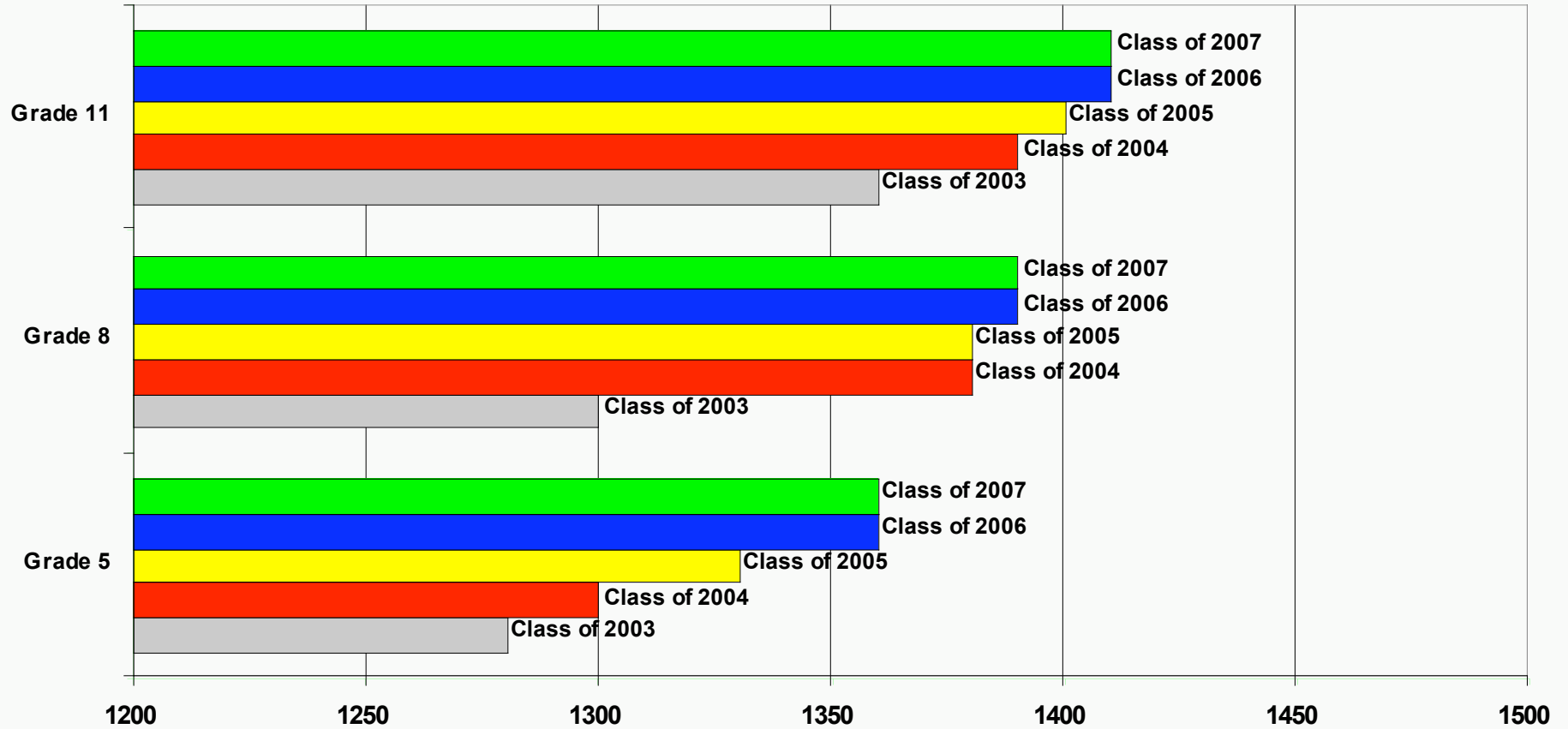


	Grade 5	Grade 8	Grade 11
■ Class of 2007	1380	1480	1530
■ Class of 2006	1350	1440	1510
■ Class of 2005	1330	1380	1490
■ Class of 2004	1330	1420	1470
■ Class of 2003	1310	1340	1420

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

PSSA Math Scaled Score History by Class



	Grade 5	Grade 8	Grade 11
■ 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

STATE PSSA RANKING BY DISTRICT PERCENT ADVANCED AND PROFICIENT

READING

MATH

Grade	State Ave.	Lewisburg	Rank	Standing	State Ave.	Lewisburg	Rank	Standing
3	69.0	80.0	130th of 501	Top 26%	83.0	96.0	30th of 501	Top 6%
4	68.1	79.7	136th of 501	Top 27%	77.2	93.8	28th of 501	Top 6%
5	60.6	80.5	41st of 501	Top 9%	66.9	87.6	23rd of 501	Top 5%
6	65.9	75.8	167th of 501	Top 34%	68.0	79.2	166th of 501	Top 34%
7	68.1	88.2	19th of 501	Top 4%	66.5	91.9	9th of 501	Top 2%
8	70.6	91.3	17th of 501	Top 4%	62.2	80.5	54th of 501	Top 11%
11	65.1	82.3	44th of 501	Top 9%	52.0	67.3	79th of 501	Top 16%

This data shows how many Lewisburg students scored advanced or proficient on the 2006 PSSA Exams in comparison to the 501 school districts in the state of Pennsylvania.

DISAGGREGATED GROUP PERFORMANCE

		READING					MATH				
		Total IEP	IEP	Total ED	ED			Total IEP	IEP	Total ED	ED
Grade	Students	Adv & Prof	Students	Adv & Prof	Students	Adv & Prof	Students	Adv & Prof	Students	Adv & Prof	
3	11	54%	24	67%	11	82%	24	84%			
4	11	18%	31	61%	11	63%	31	87%			
5	13	0%	20	35%	13	23%	20	65%			
6	22	19%	31	46%	22	24%	31	55%			
7	11	36%	24	75%	11	54%	24	87%			
8	12	42%	22	55%	12	25%	22	50%			
11	9	NA	5	NA	9	NA	5	NA			

IEP = Special Education Students

ED = Economically Disadvantaged Students

This data shows the percentage of students meeting proficiency levels by the disaggregated groups for IEP and Economically Disadvantaged

Groups of 40 or more students must meet the same proficiency level as all students in order for the district to meet AYP

Grades 3-5, and 6-8 will be "banded" together as one group beginning in 2007.

2006 PSSA Conclusions

Commendations

This is the fourth year in a row that some of our performance and scaled scores were the highest ever achieved in the district on the PSSA.

This is the fourth year in a row that the percentage of students scoring at the Advanced and Proficient level has increased across the district.

Our scaled score trend lines show strong growth in reading and moderate growth in math.

Performance scores in grades 3, 4, 7, 8, and 11 show that it is possible to have over 90% of our students scoring at the proficient level on PSSA exams.

Concern

The disaggregated group scores of IEP students and Economically Disadvantaged students must improve in order to meet AYP in 2007.

SAT Results and History

SAT Results Verbal

	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

SAT Results Math

	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

SAT Results Writing (New)

	LAHS	State	National
	Writing	Writing	Writing
05-06	511	483	497

Combined 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%

Overall Conclusions

District Strengths

- High SAT scores in comparison to state and national average
- Great reading scores at the secondary level
- Outstanding math scores at the elementary and middle levels
- High levels of achievement across the district on all measures
- Overall achievement levels continue to increase each year
- The staff is to be commended for a job well done

Areas Needing Improvement for Achievement Growth

- Percentage of students scoring at the advanced and proficient levels must continue to rise at all levels, especially the disaggregated groups
- Elementary writing scores need to improve
- Math scores must improve at the high school level
- Reading scores must improve at the elementary level