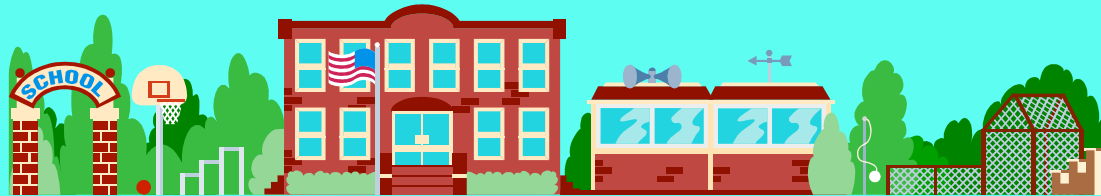


# Lewisburg Area School District



## 2003-2004 Data Analysis Report

*Spring 2004 Terra Nova Results*  
*Spring 2004 PSSA Results*  
*Fall & Spring PSSA Writing Results*  
*SAT Results*

Final Report: October 28, 2004

This report provides a brief review of the assessment data and information regarding the Lewisburg Area School District for the 2003-2004 School Year.

## Contents

Terra Nova National Achievement Test Results.....	1
State PSSA Results.....	11
Historical Trends.....	18
SAT Data.....	25
Conclusions .....	26

### **Contact Person:**

**Mark D. DiRocco, Ph.D.**  
**Superintendent**  
**1951 Washington Ave., Dept. CO**  
**Lewisburg PA 17837**  
**(570) 522-3205**  
[dirocco@dragon.k12.pa.us](mailto:dirocco@dragon.k12.pa.us)

**Trend line data compiled by:**  
**James Zack, High School Principal**



# Terra Nova Achievement Test

Compares our students' performance with a national sample administered to all students in grades 2, 4, 6, 7, 9 and 10.

## Terminology

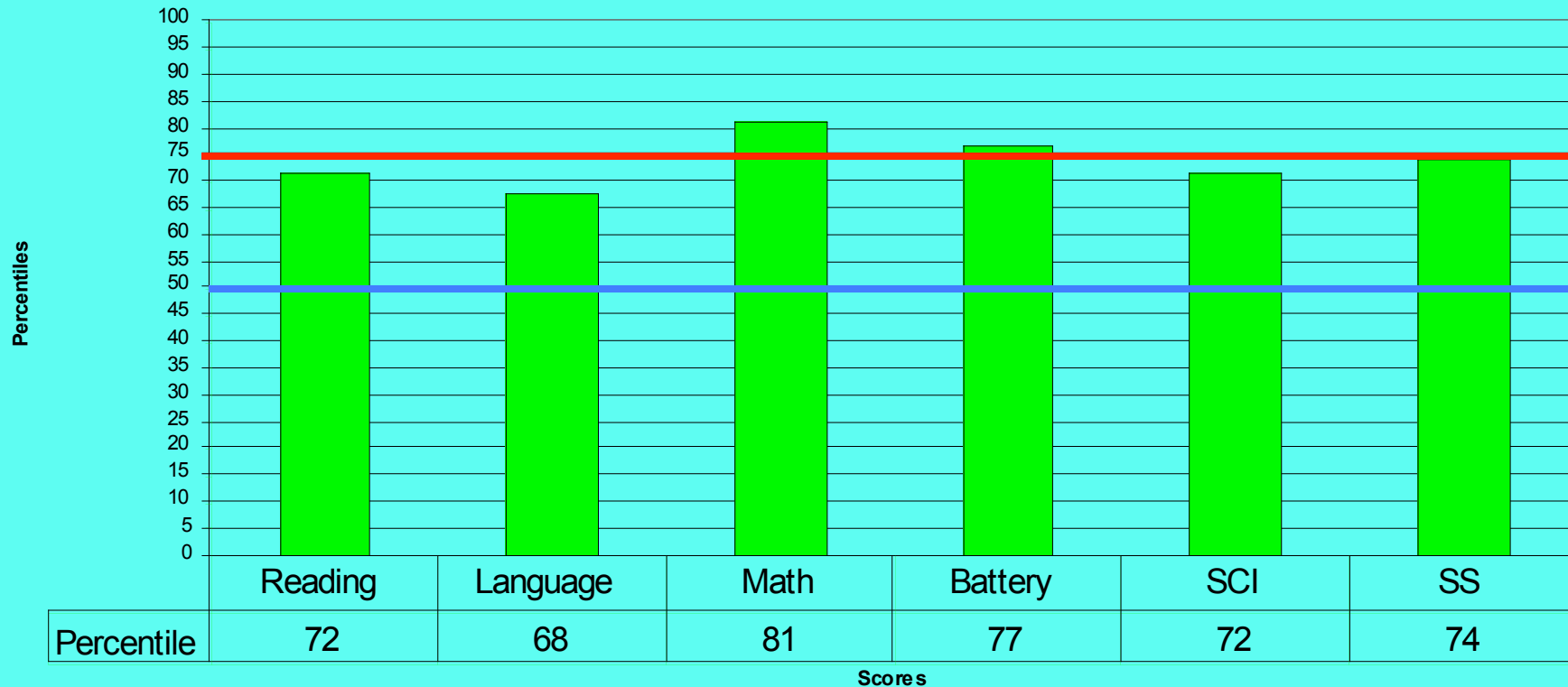
**Percentile:** Shows how our students scored on the test in comparison to a national sample.

**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 50<sup>th</sup> percentile. Students progressing significantly above average will score at the 75<sup>th</sup> percentile or higher.

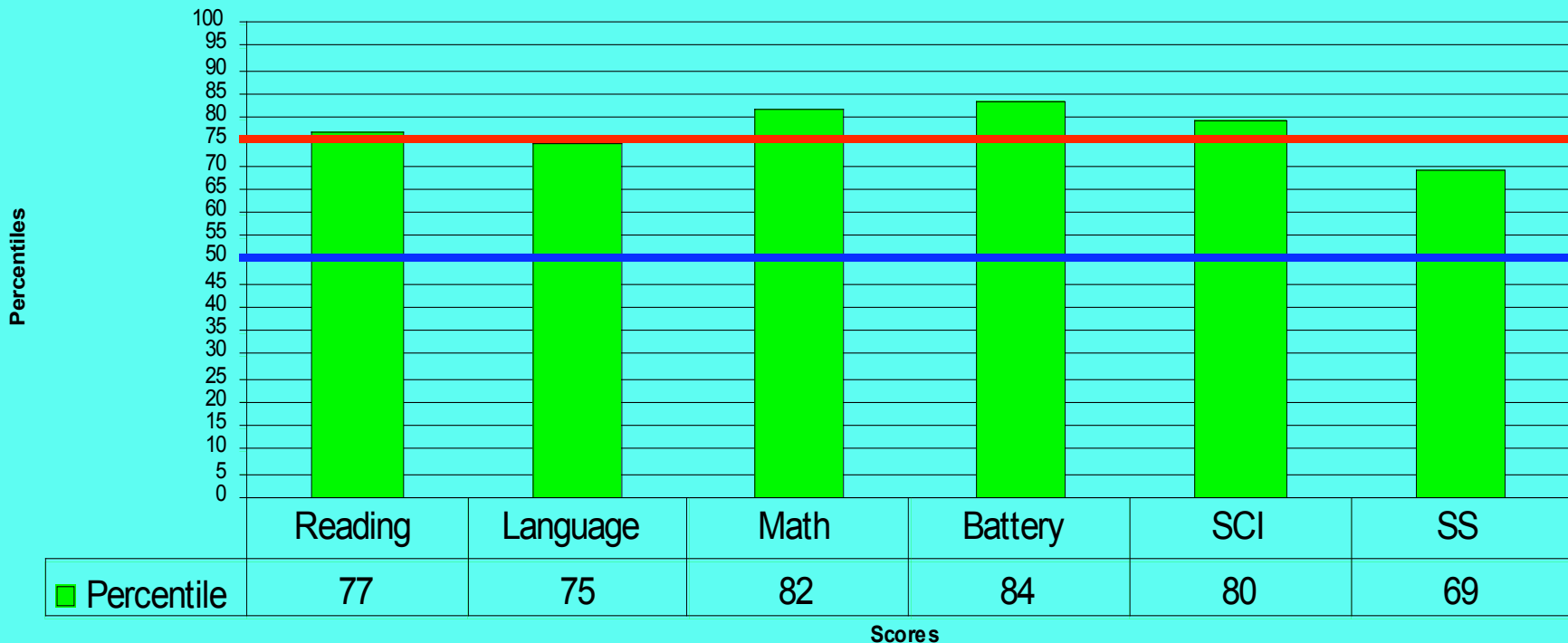
**Note:** The testing service has provided an analysis of how student performance correlates with the PSSA performance categories of Advanced, Proficient, Basic, and Below Basic.

# 2004 Terra Nova Grade 2 Overview



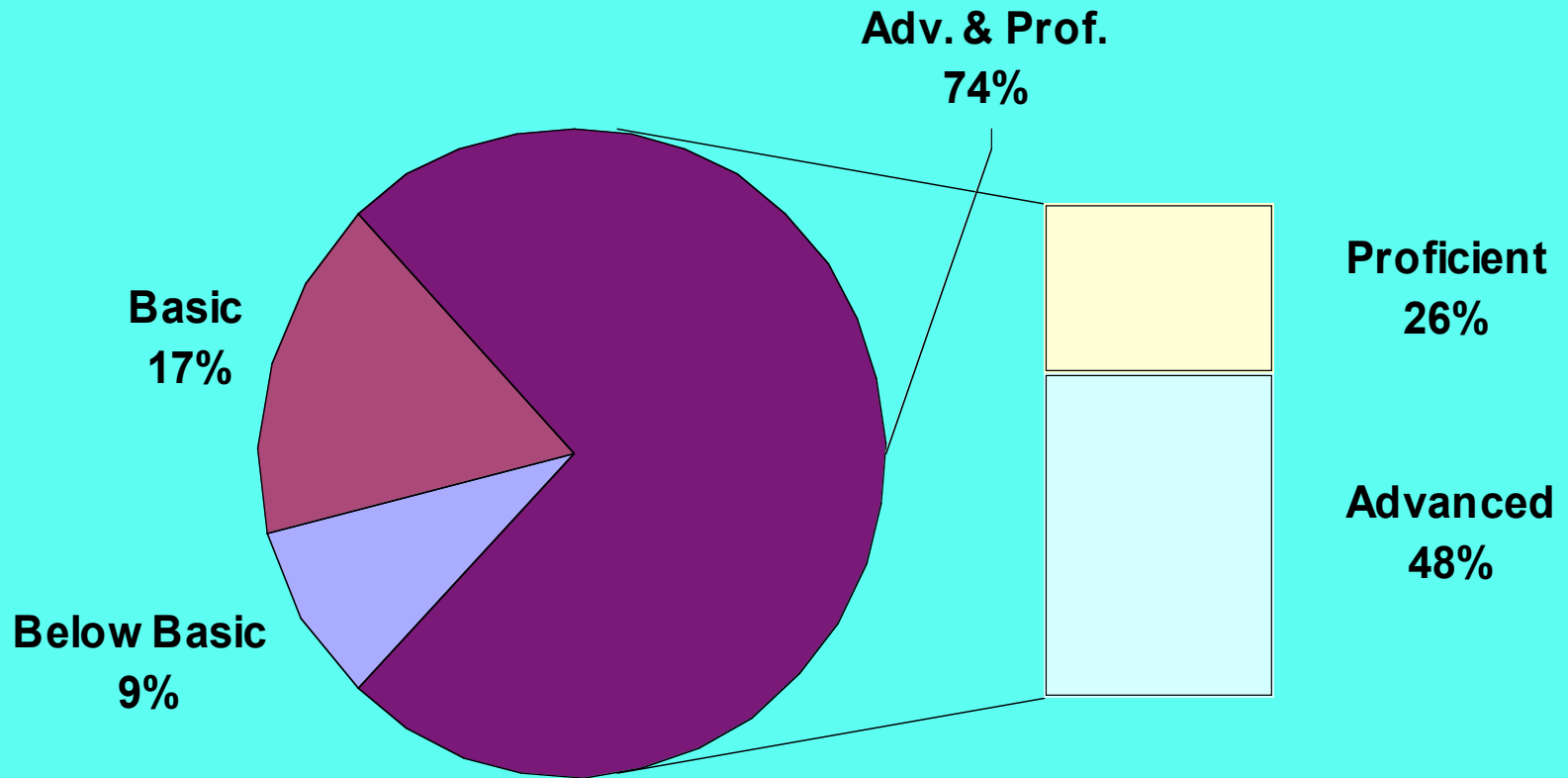
**Note:** The dark line at the 50<sup>th</sup> percentile indicates the score that students should attain if they are progressing normally. The dark line at the 75<sup>th</sup> percentile indicates that scores above this mark are considered significantly above national average.

# 2004 Terra Nova Grade 4 Overview

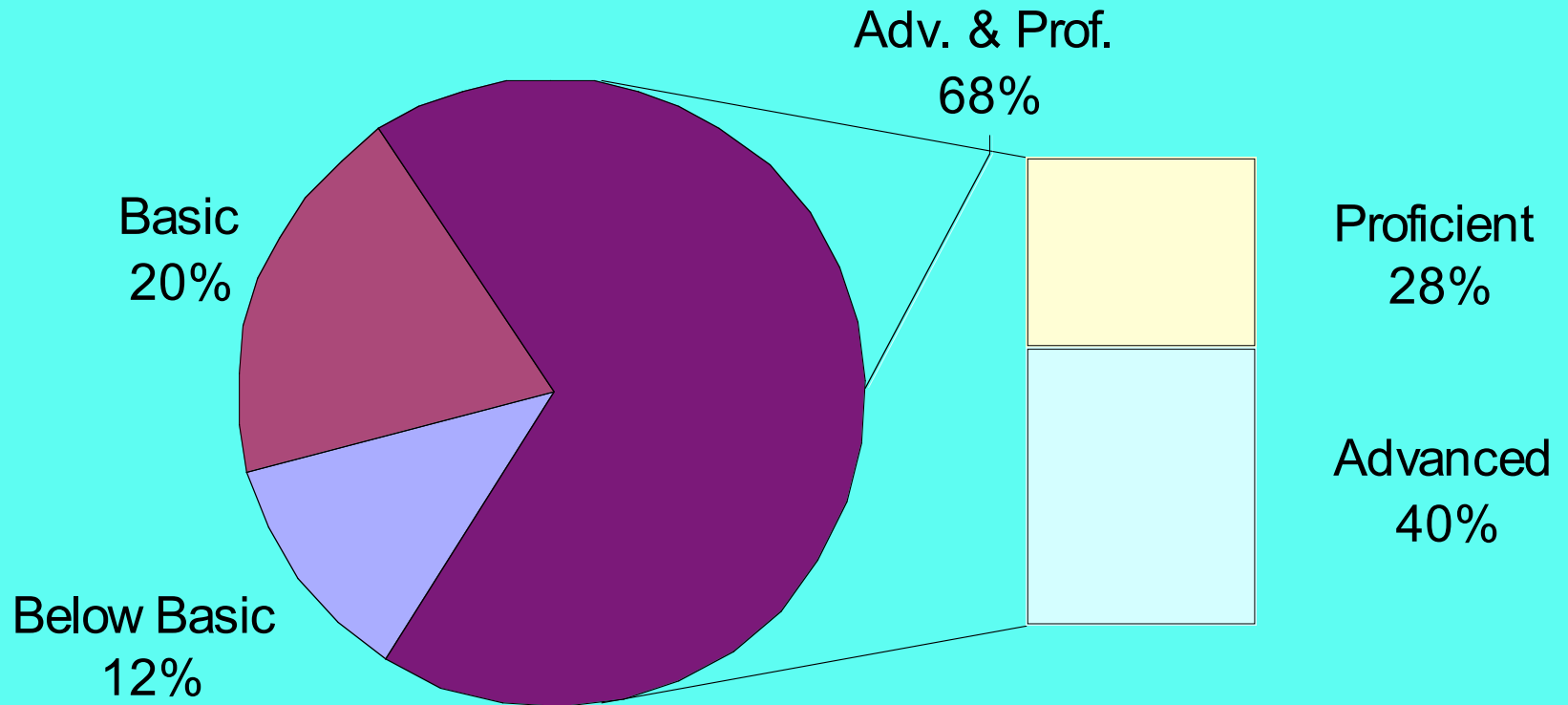


**Note:** The dark line at the 50<sup>th</sup> percentile indicates the score that students should attain if they are progressing normally. The dark line at the 75<sup>th</sup> percentile indicates that scores above this mark are considered significantly above national average.

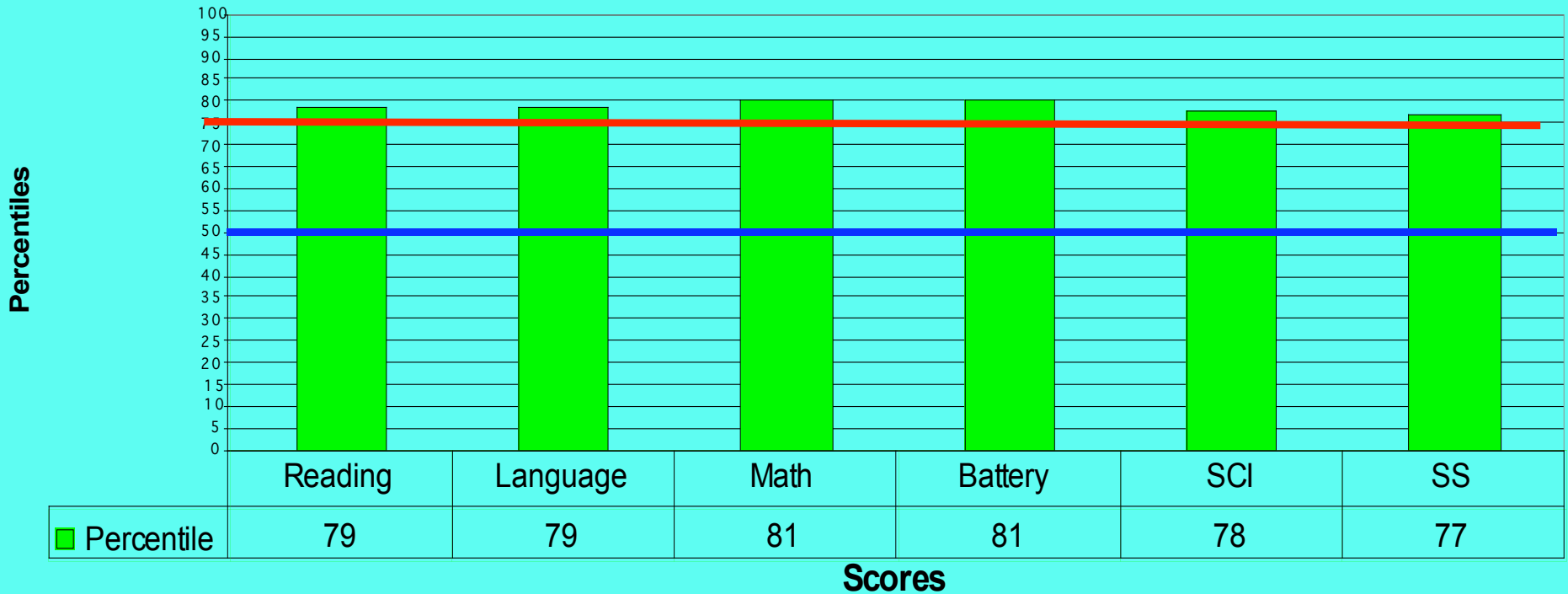
# Terra Nova Grade 4 Math 2004



# Terra Nova Grade 4 Reading 2004



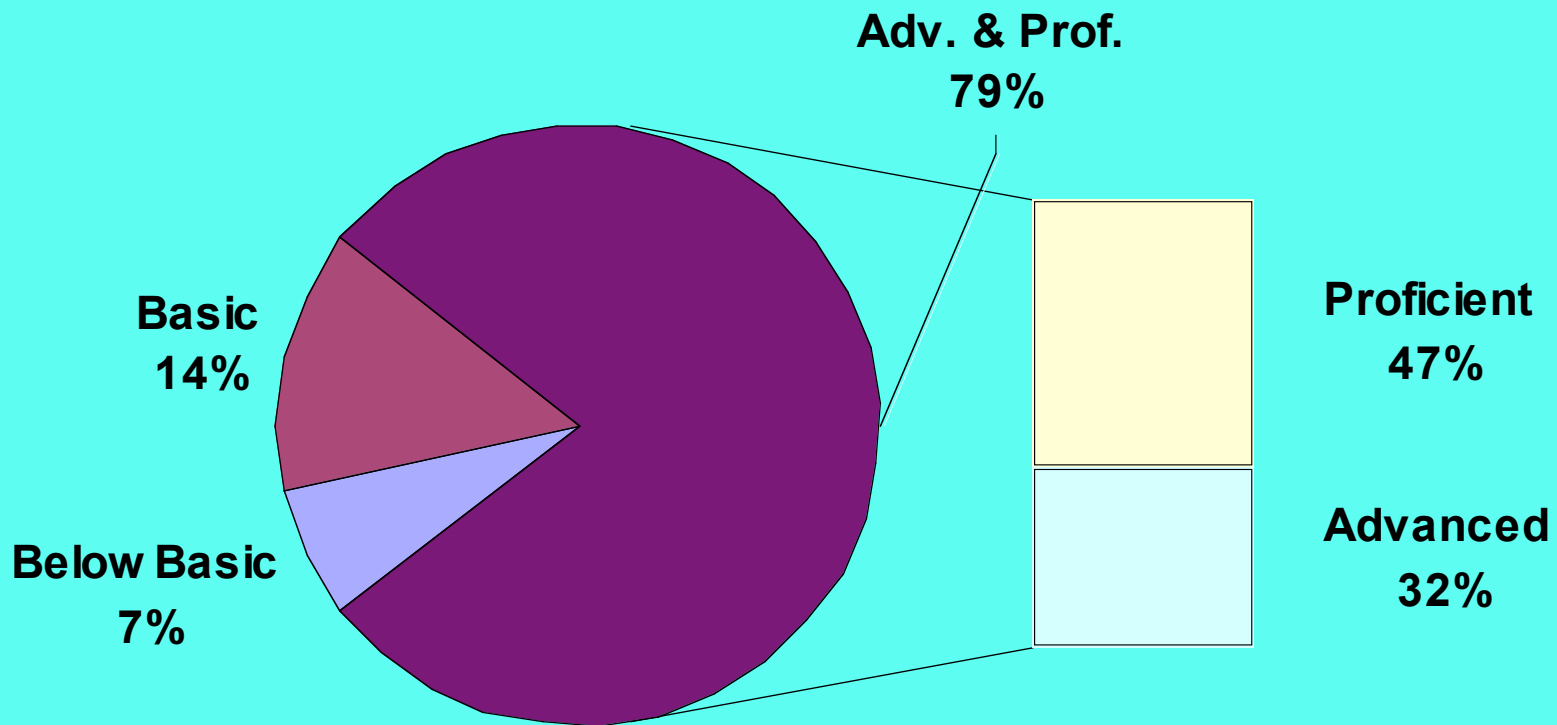
# 2004 Terra Nova Grade 6 Overview



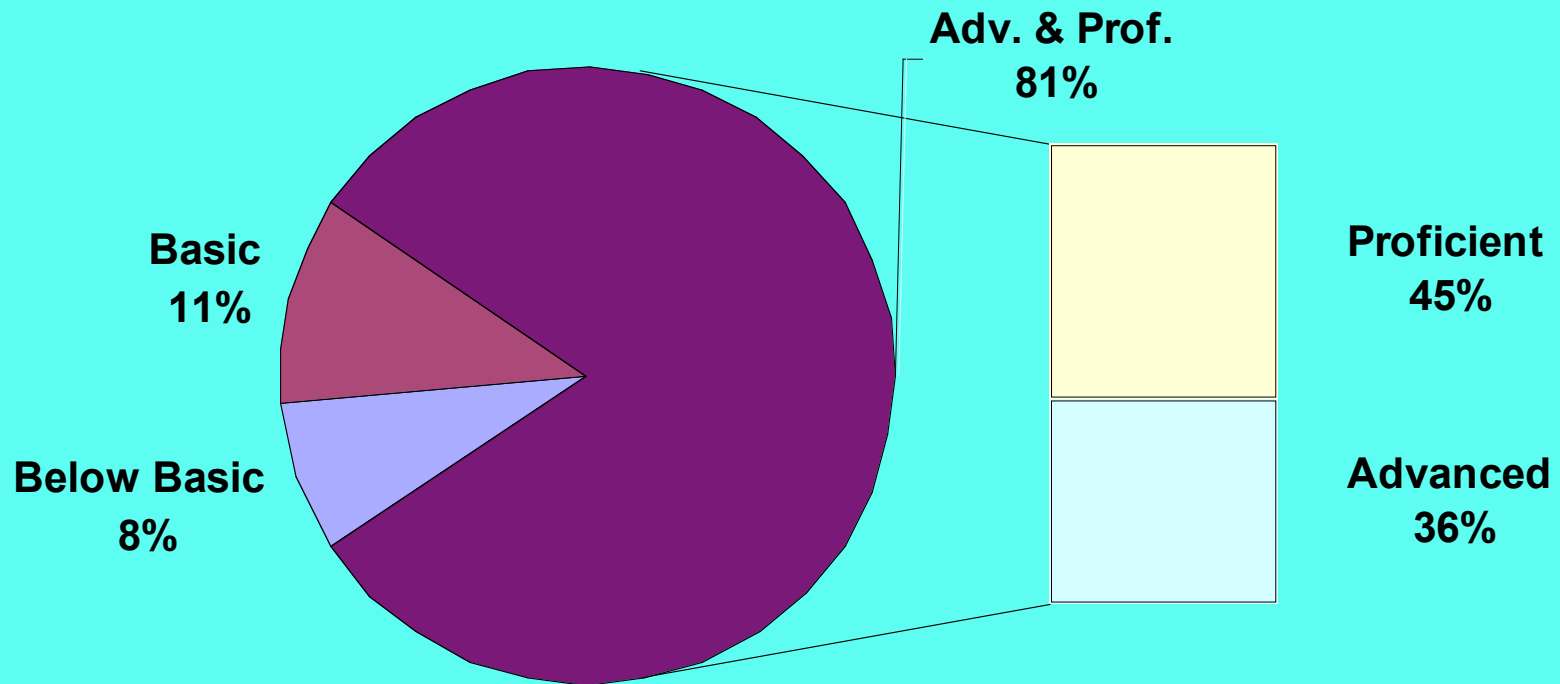
**Note:** The dark line at the 50<sup>th</sup> percentile indicates the score that students should attain if they are progressing normally. The dark line at the 75<sup>th</sup> percentile indicates that scores above this mark are considered significantly above national average.



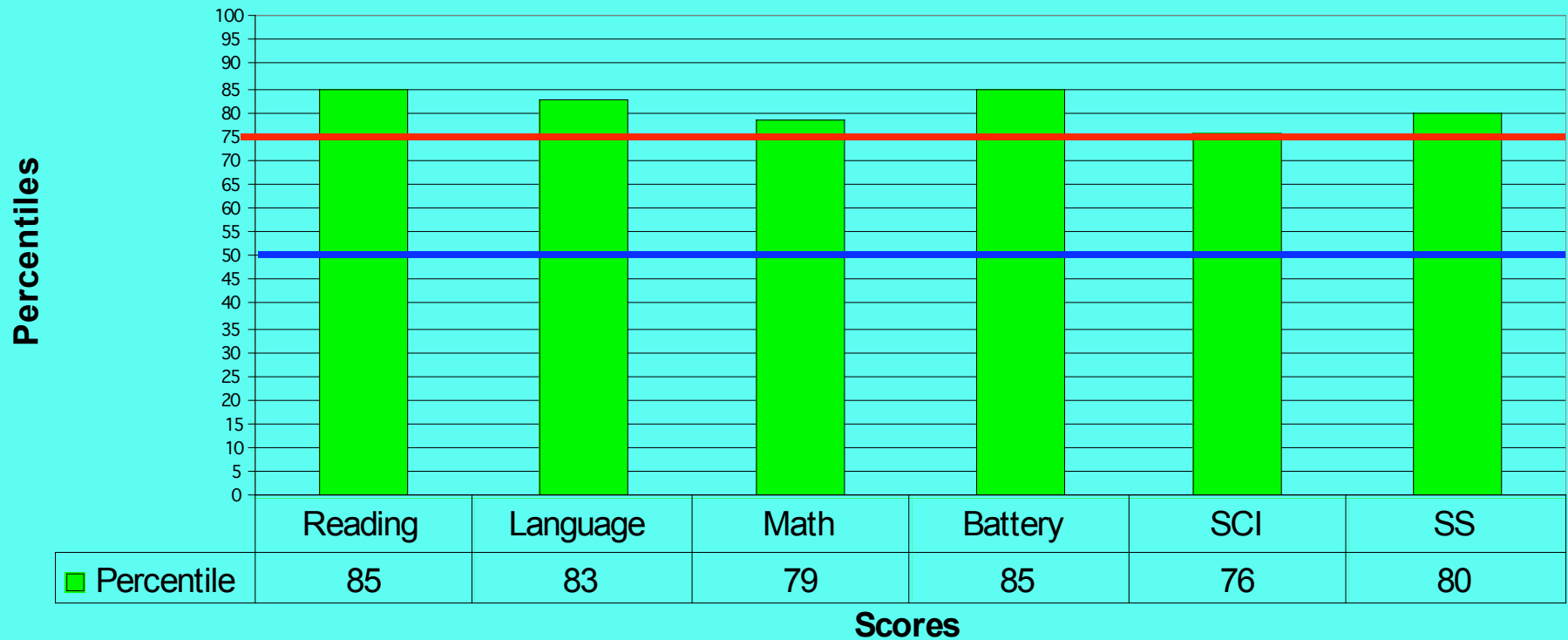
# Terra Nova Grade 6 Math 2004



# Terra Nova Grade 6 Reading 2004

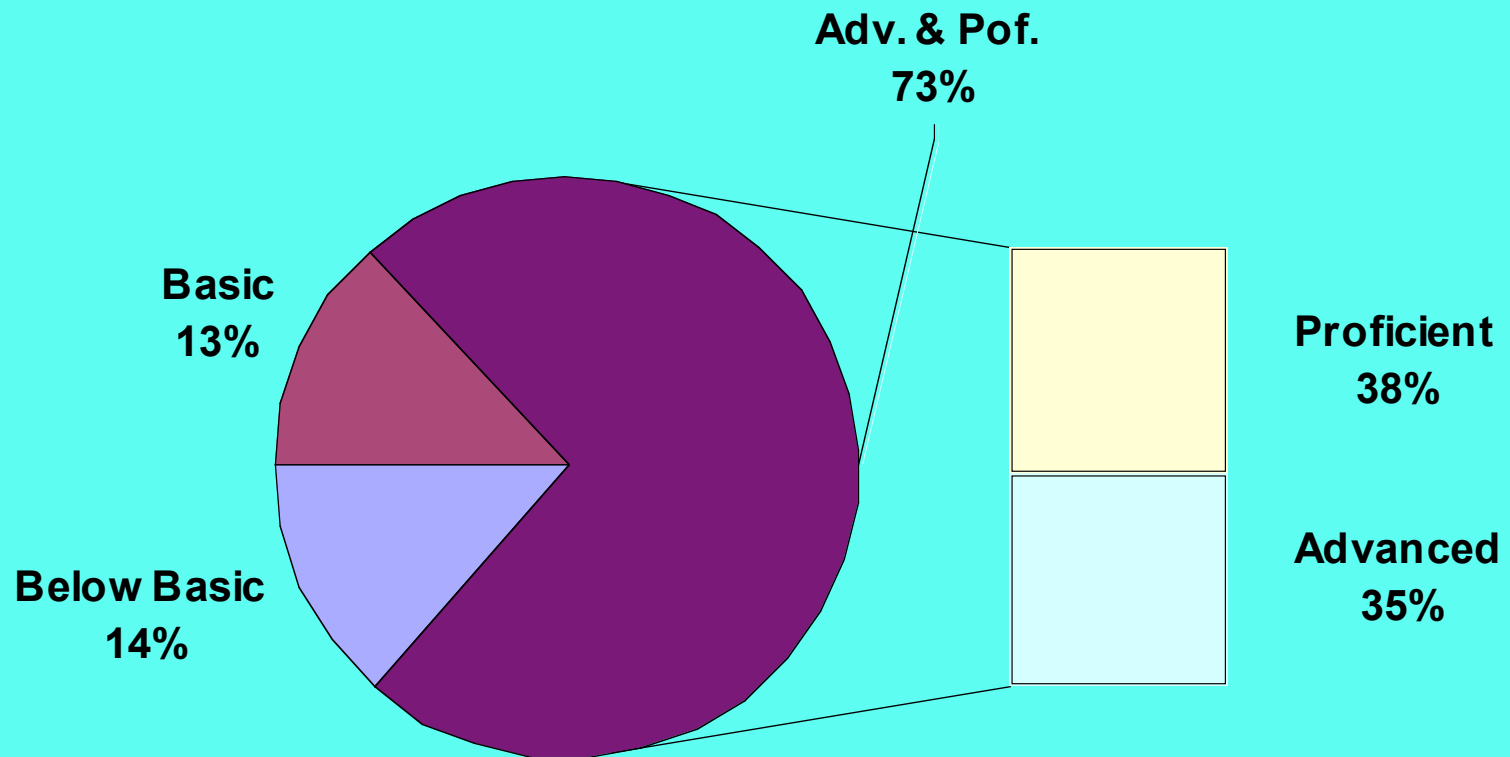


# 2004 Terra Nova Grade 7 Overview

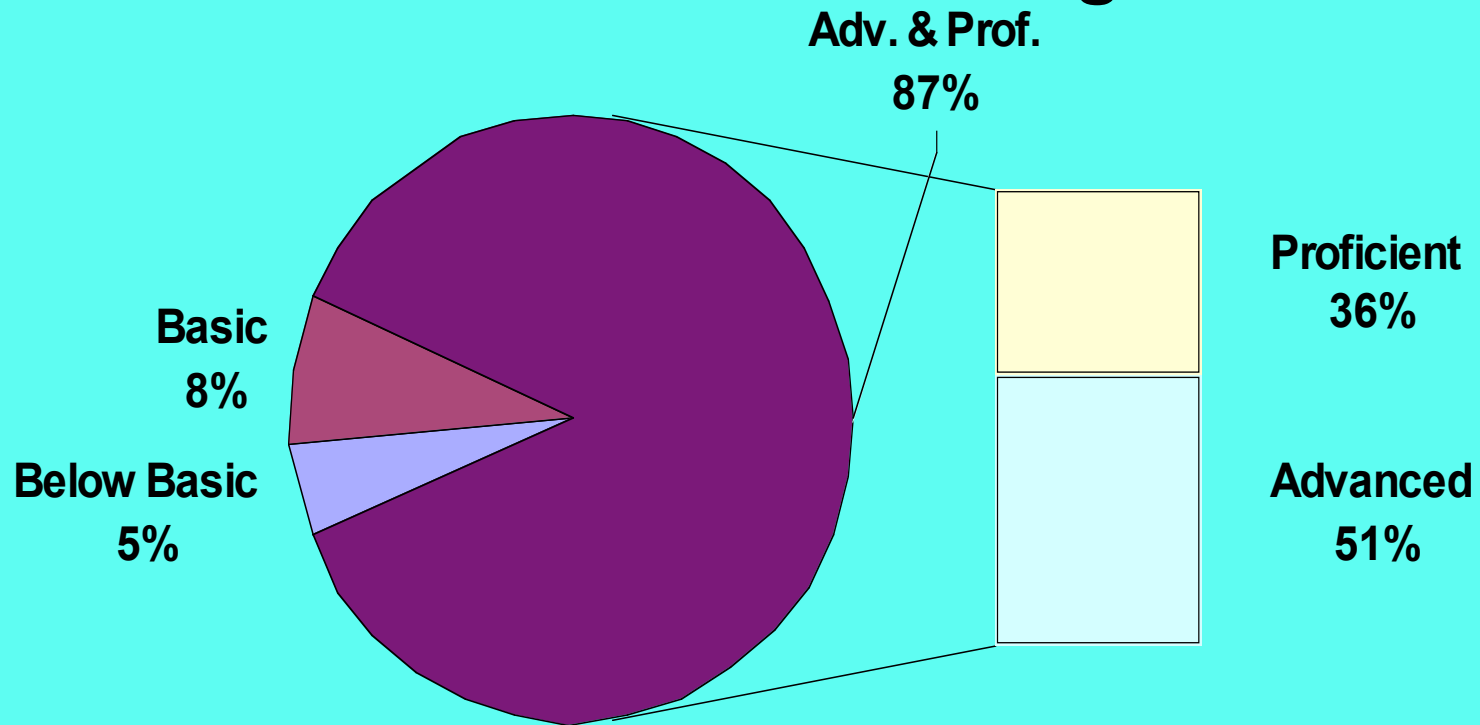


**Note:** The dark line at the 50<sup>th</sup> percentile indicates the score that students should attain if they are progressing normally. The dark line at the 75<sup>th</sup> percentile indicates that scores above this mark are considered significantly above national average.

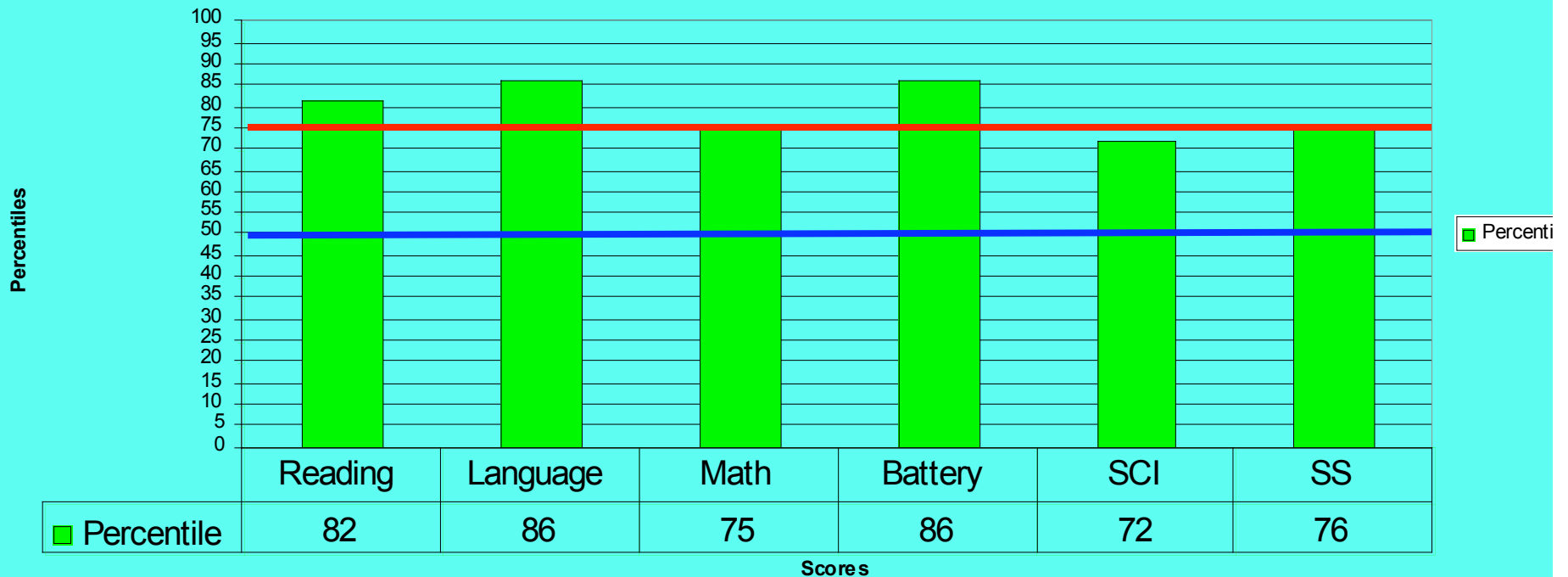
# Terra Nova Grade 7 Math 2004



# Terra Nova Grade 7 Reading 2004

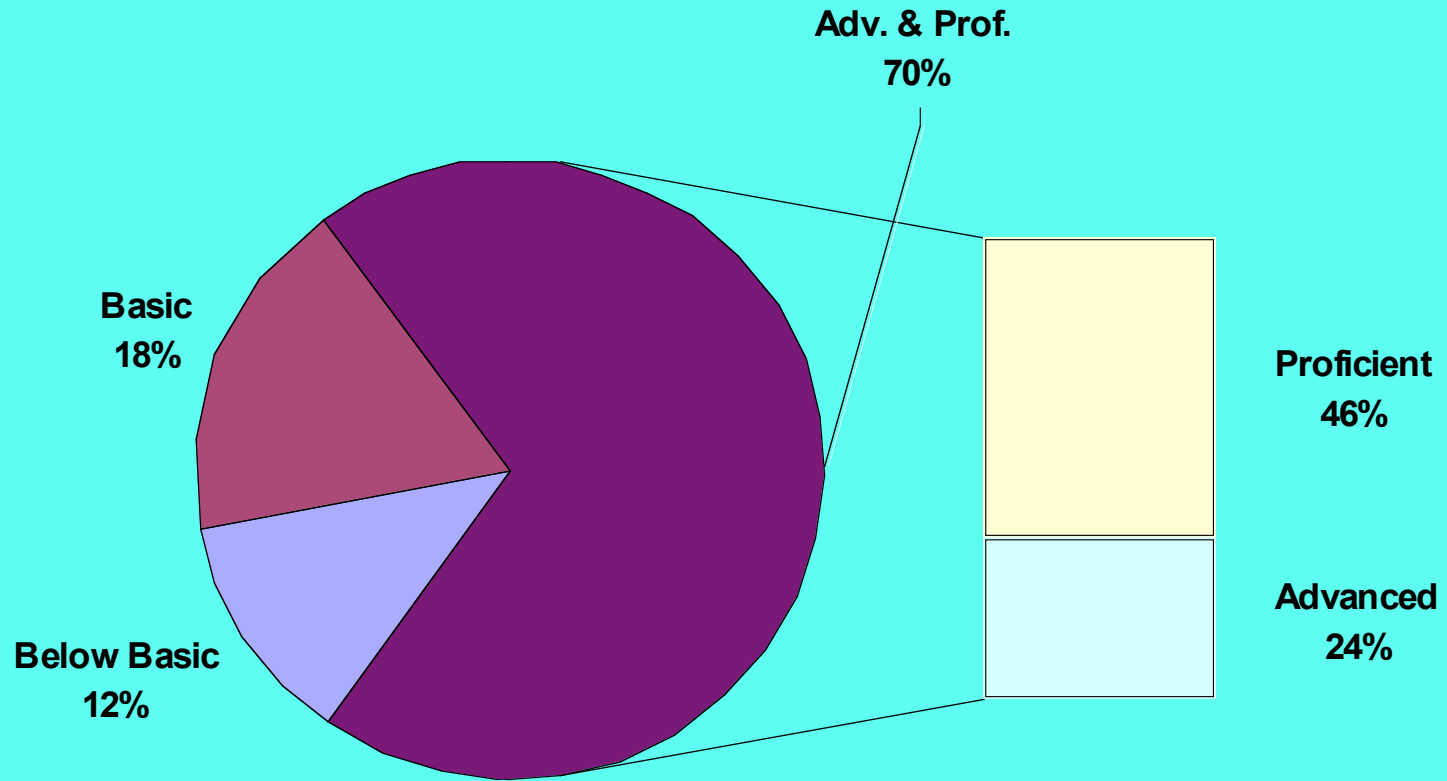


## 2004 Terra Nova Grade 9 Overview

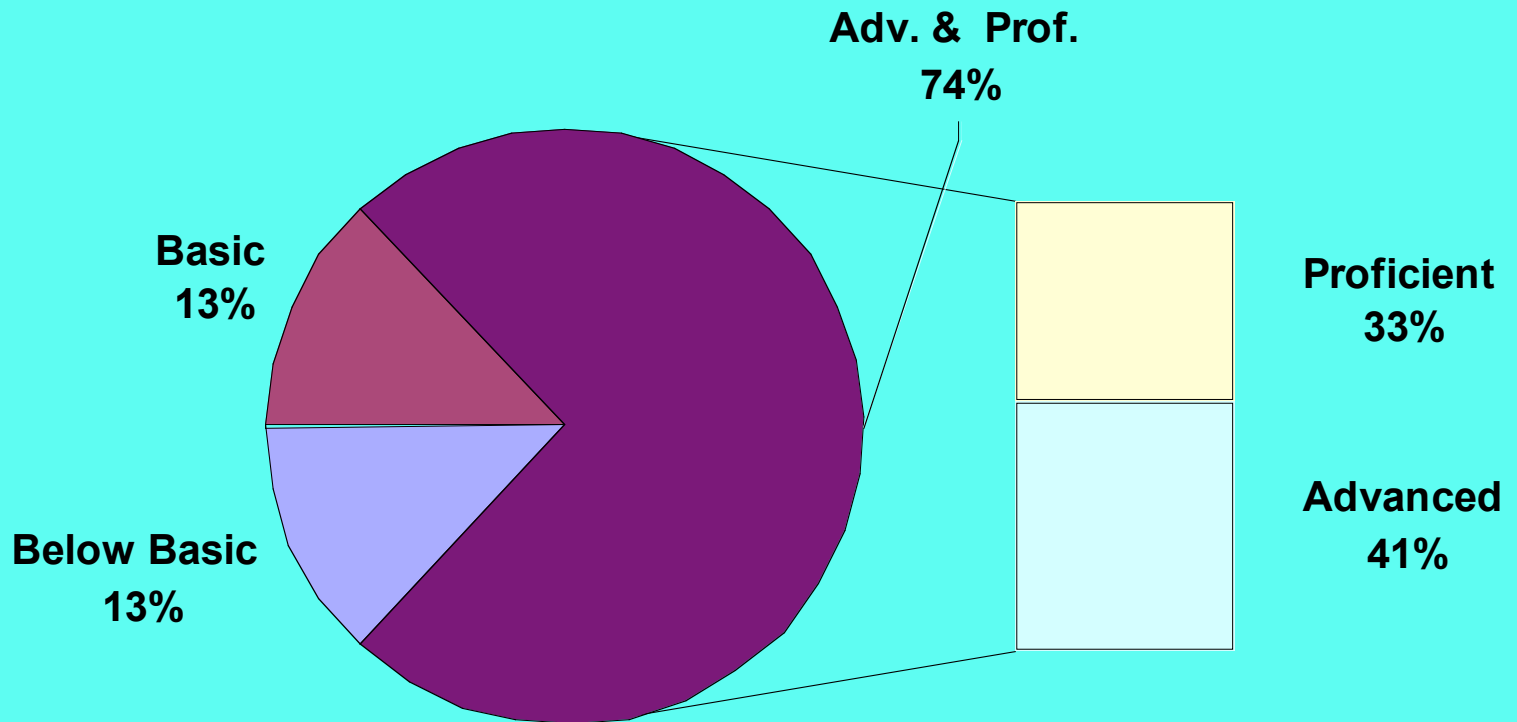


**Note:** The dark line at the 50<sup>th</sup> percentile indicates the score that students should attain if they are progressing normally. The dark line at the 75<sup>th</sup> percentile indicates that scores above this mark are considered significantly above national average.

# Terra Nova Grade 9 Math 2004

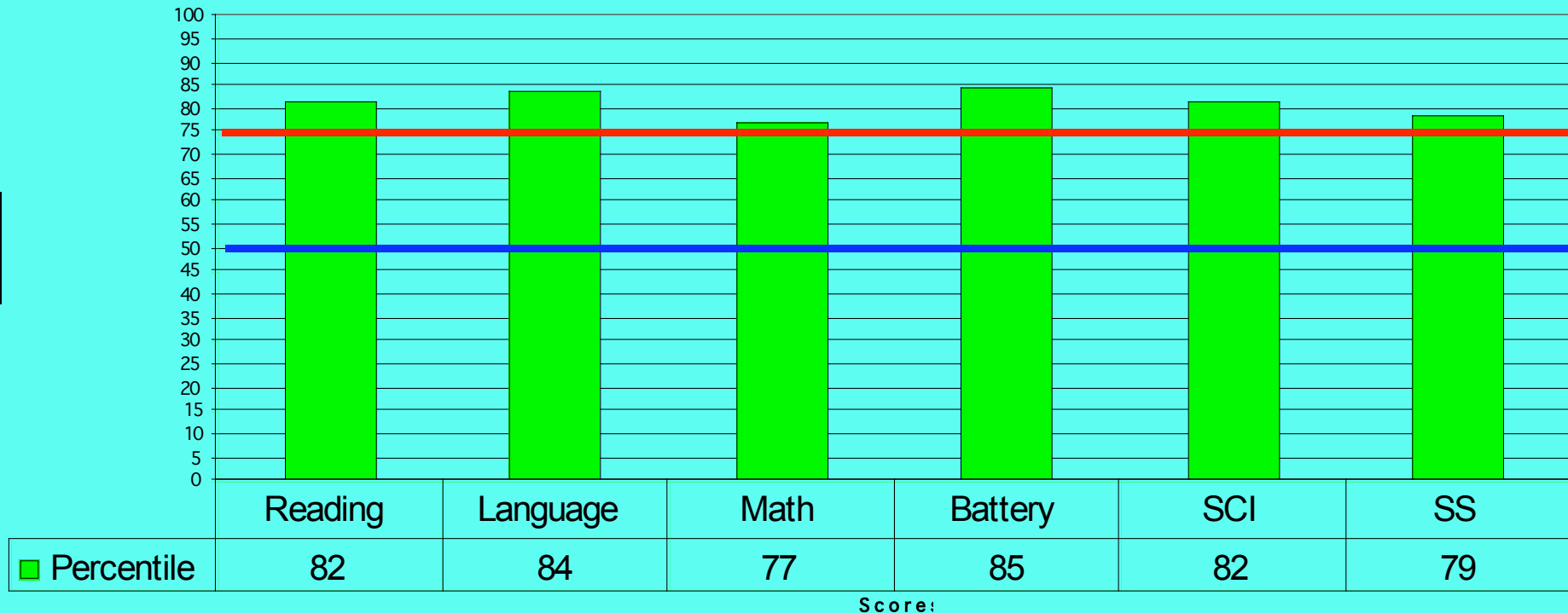


# Terra Nova Reading Grade 9 2004



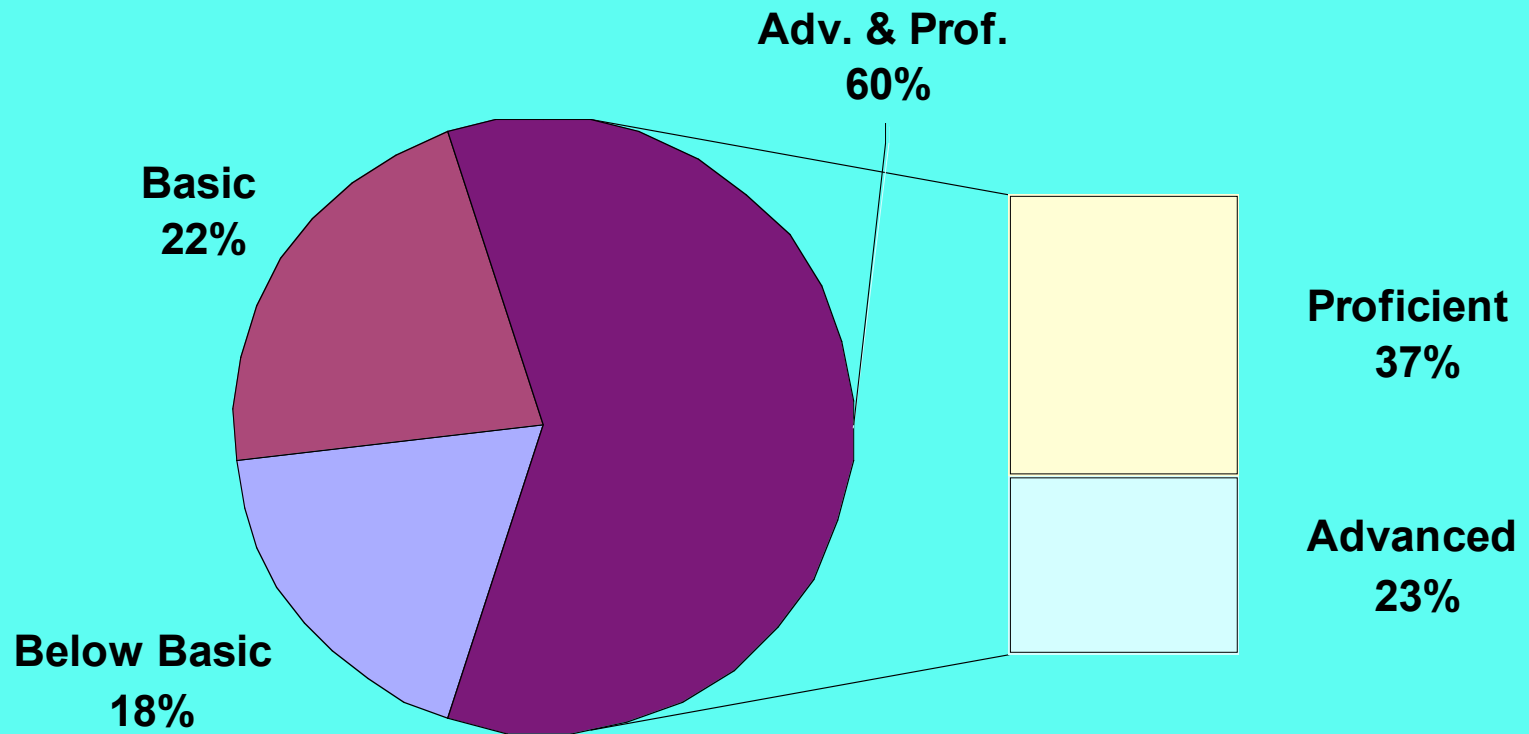


## 2004 Terra Nova Grade 10 Overview

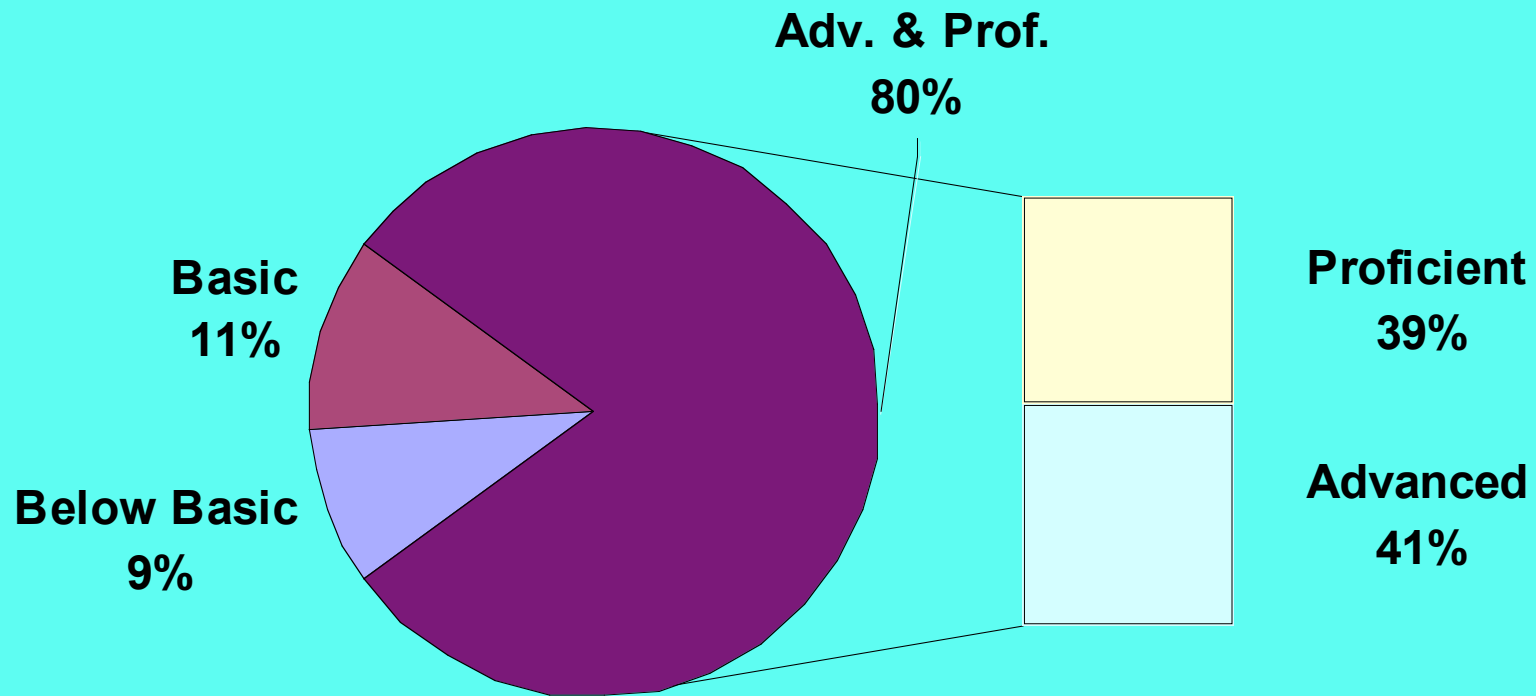


**Note:** The dark line at the 50<sup>th</sup> percentile indicates the score that students should attain if they are progressing normally. The dark line at the 75<sup>th</sup> percentile indicates that scores above this mark are considered significantly above national average.

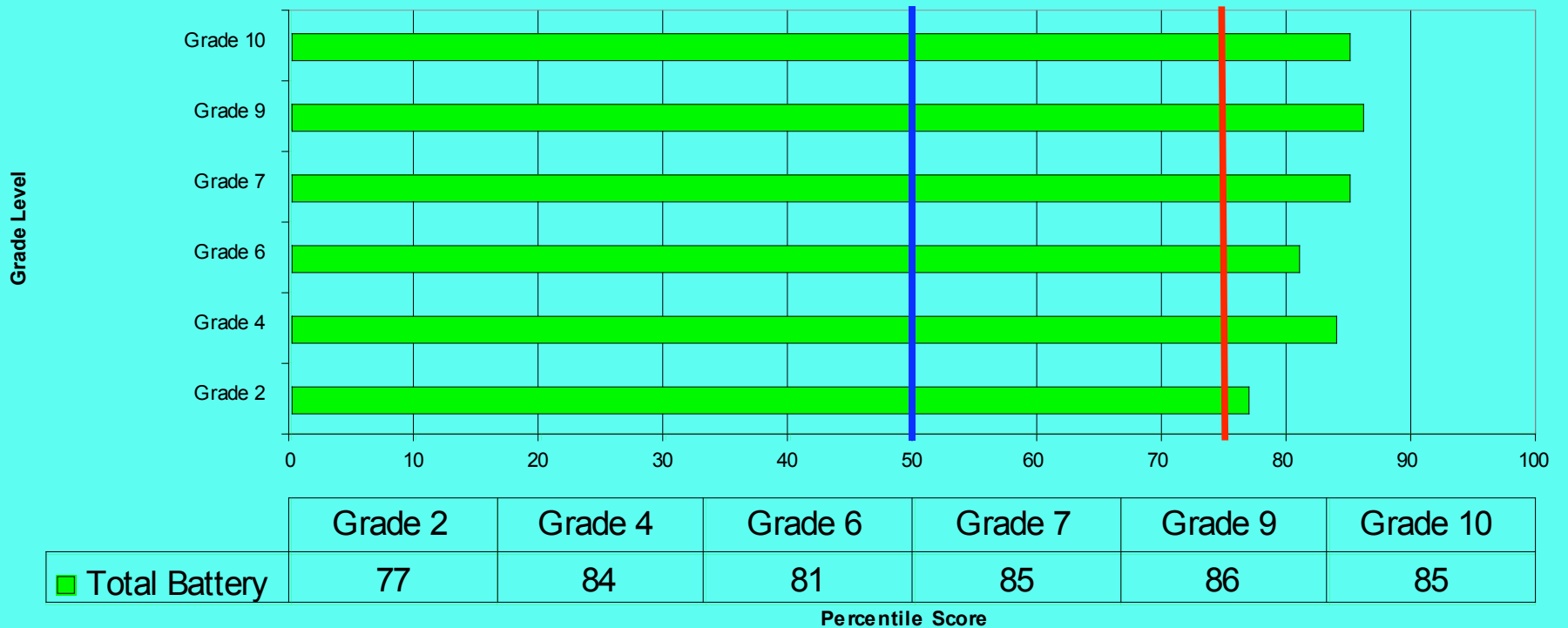
# Terra Nova Grade 10 Math 2004



# Terra Nova Grade 10 Reading 2004



## Total Battery



**The Total Battery Score is a combination of Reading, Language and Math Skills. Every grade level scored above the 75<sup>th</sup> Percentile on the Total Battery Score. Each grade level is Significantly Above National Average on this measure!**

# Terra Nova Conclusions



**36** Sets of Data Collected

**31** Sets of Data Significantly Above National Average

**5** Sets of Data Above National Average

**0** Sets of Data Below National Average

# PSSA Results



## **Pennsylvania System of State Assessment**

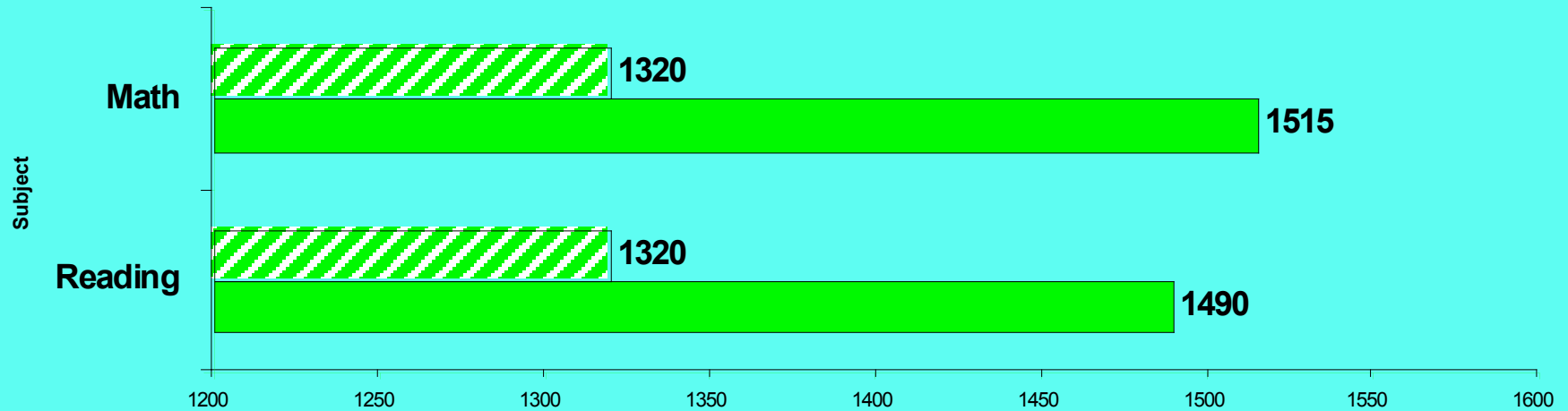
**The state requires students in grades 3, 5, 8 and 11 to take a math and reading exam. Grades 6, 9 and 11 are administered a writing exam. Students must meet the proficiency level in reading and math or be placed in an improvement program as identified in our strategic plan.**



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

# ***NCLB Goals***

<b>Grade</b>	<b>Grad. Year</b>	<b>Reading</b>	<b>Math</b>
<b>K</b>	<b>2016</b>	<b>100%</b>	<b>100%</b>
<b>1</b>	<b>2015</b>	<b>100%</b>	<b>100%</b>
<b>2</b>	<b>2014</b>	<b>100%</b>	<b>100%</b>
<b>3</b>	<b>2013</b>	<b>91%</b>	<b>89%</b>
<b>4</b>	<b>2012</b>	<b>81%</b>	<b>78%</b>
<b>5</b>	<b>2011</b>	<b>72%</b>	<b>67%</b>
<b>6</b>	<b>2010</b>	<b>63%</b>	<b>56%</b>
<b>7</b>	<b>2009</b>	<b>63%</b>	<b>56%</b>
<b>8</b>	<b>2008</b>	<b>63%</b>	<b>56%</b>
<b>9</b>	<b>2007</b>	<b>54%</b>	<b>45%</b>
<b>10</b>	<b>2006</b>	<b>54%</b>	<b>45%</b>
<b>11</b>	<b>2005</b>	<b>54%</b>	<b>45%</b>
<b>12</b>	<b>2004</b>	<b>45%</b>	<b>35%</b>

## 2004 PSSA 5th Grade Math and Reading Scaled Score Results (All Scores)



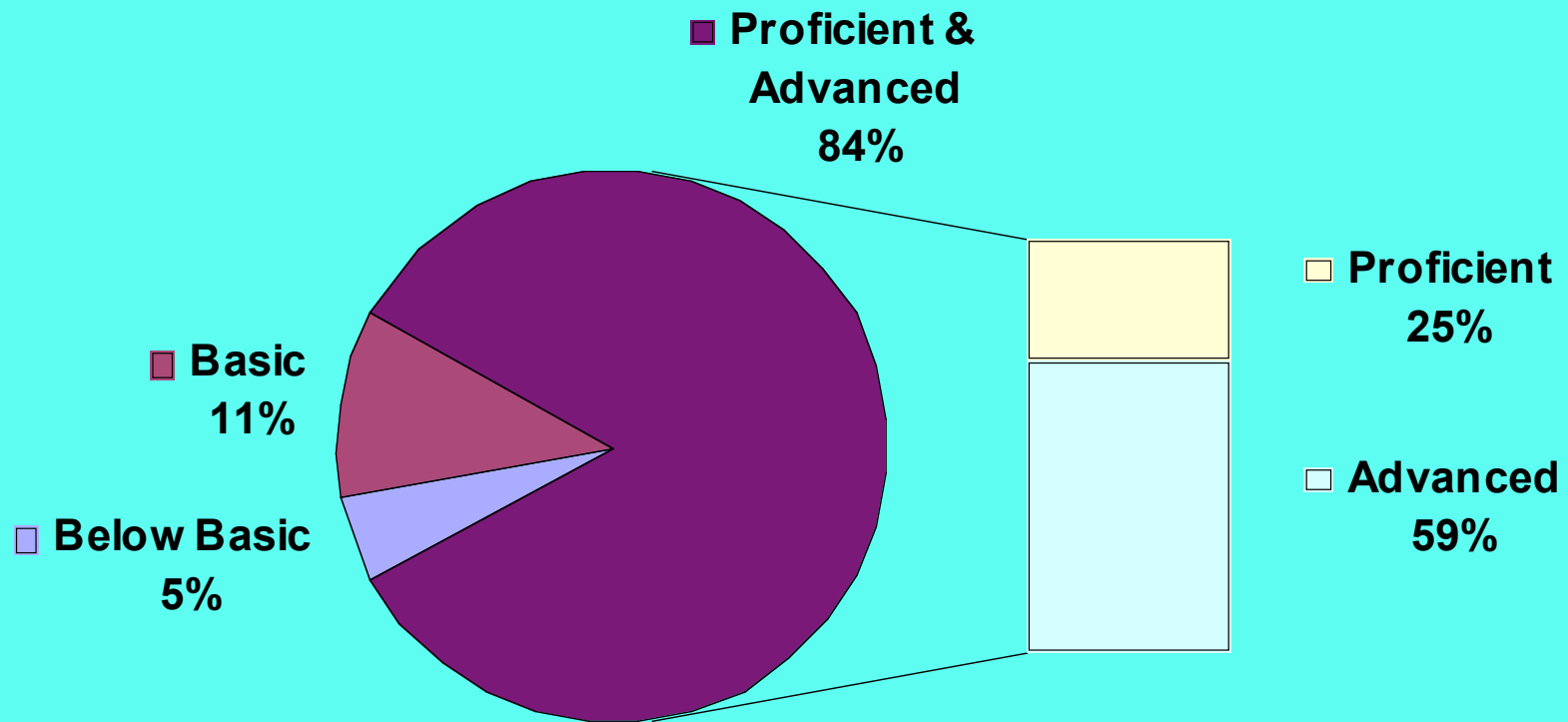
	Reading	Math
 <b>State</b>	<b>1320</b>	<b>1320</b>
 <b>Linn</b>	<b>1490</b>	<b>1515</b>

Scores

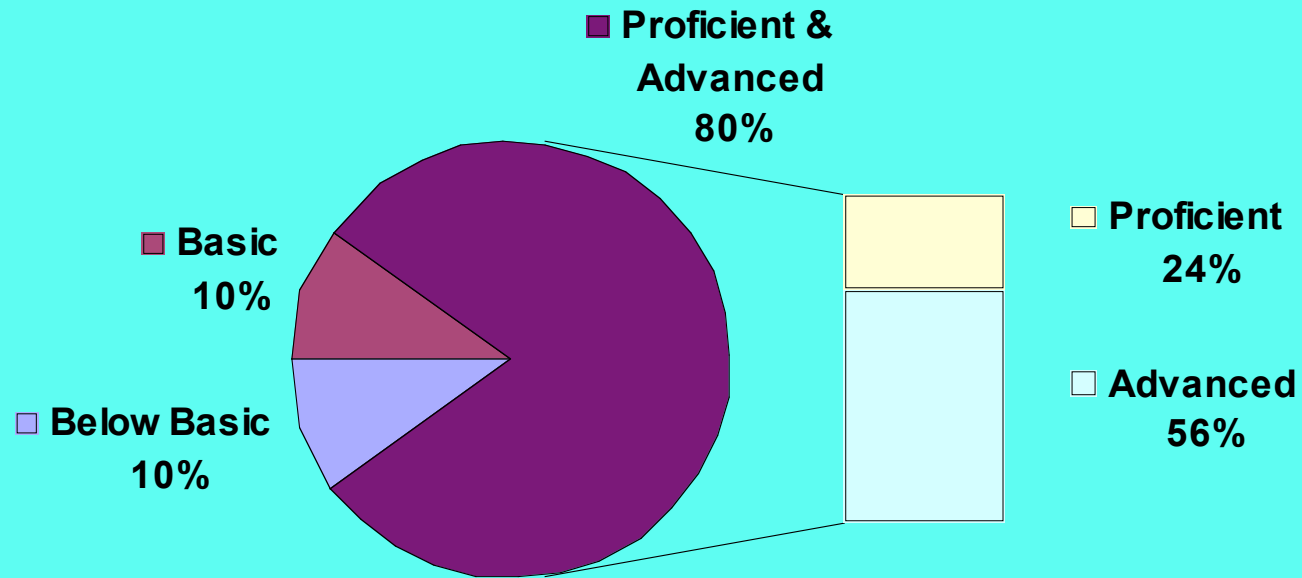
**Note: State Average is an estimate**



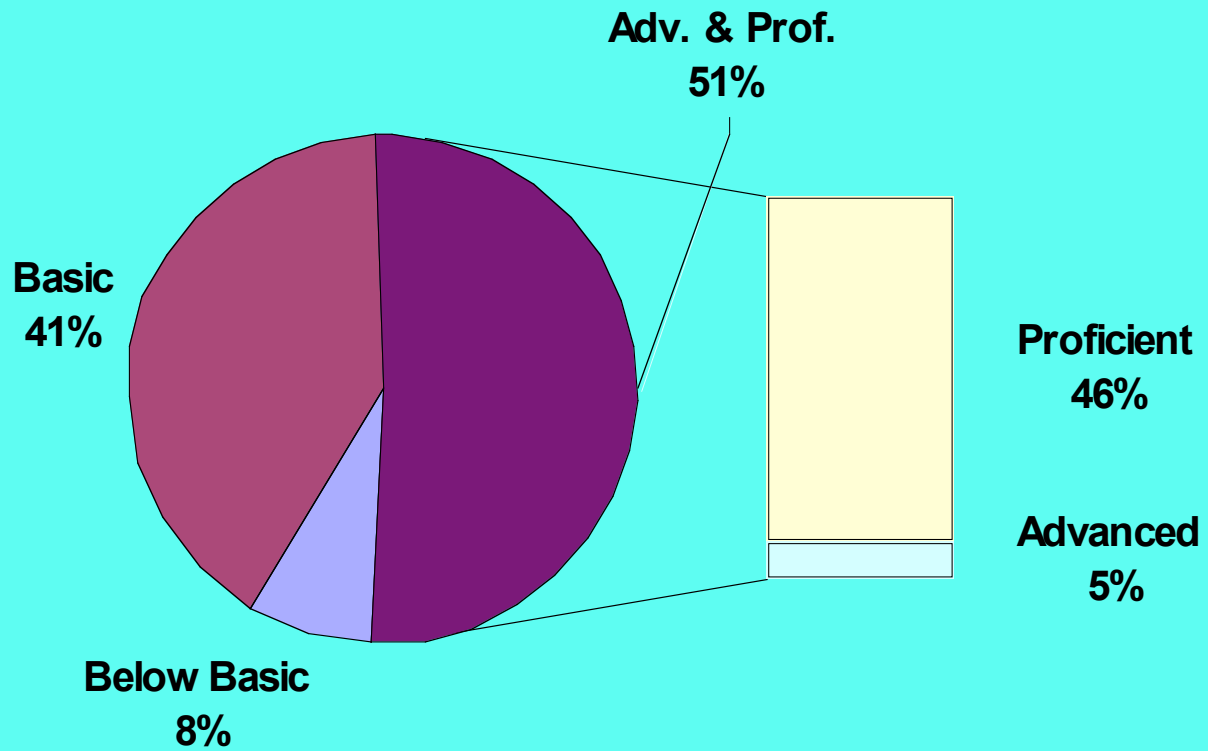
# Grade 5 PSSA Math 2004



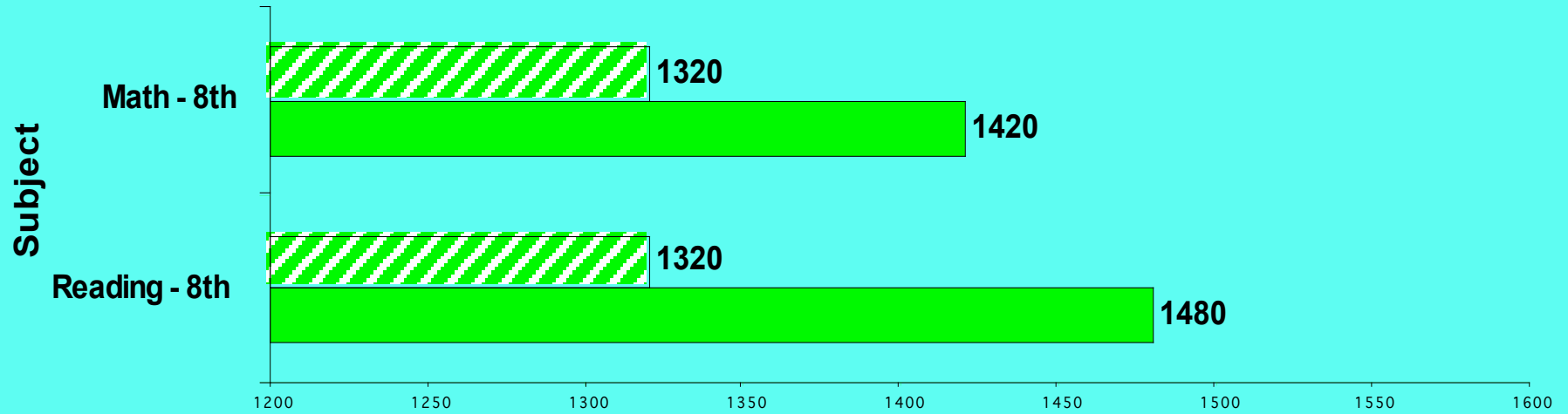
# Grade 5 PSSA Reading 2004





# Grade 6 PSSA Writing Scores - Fall 2003



## 2004 PSSA 8th Grade Math and Reading Scaled Score Results (All Students)

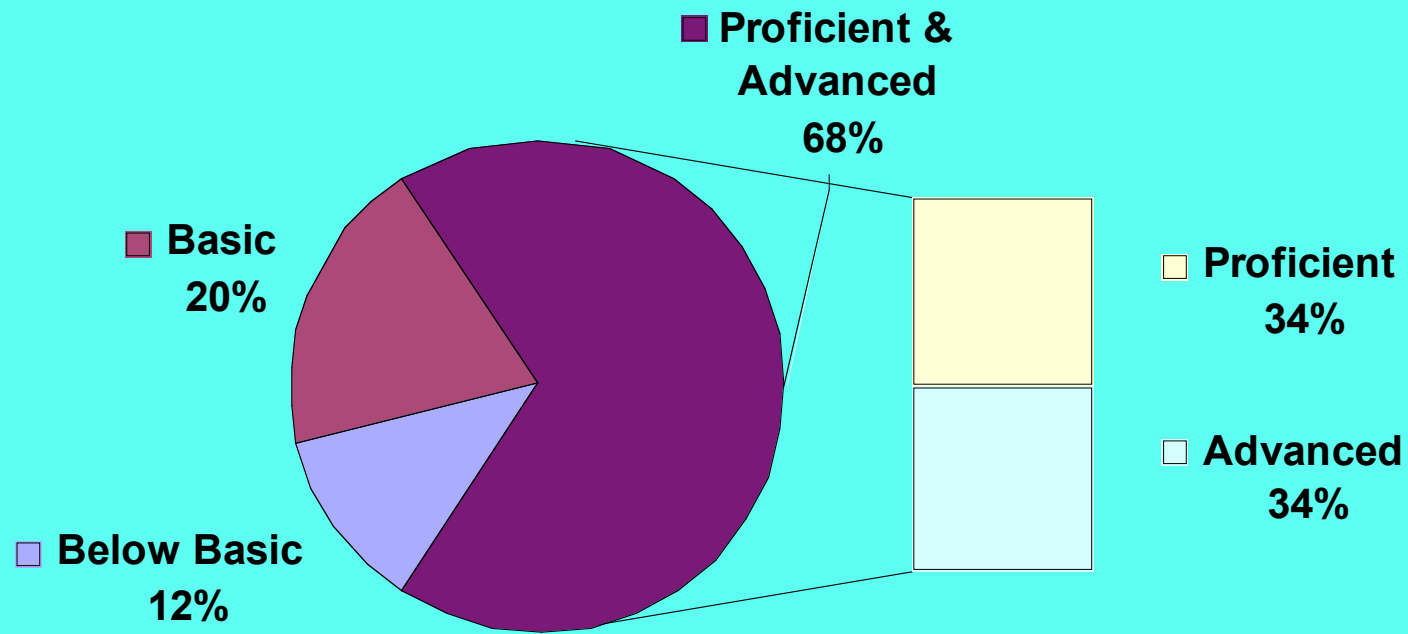


	Reading - 8th	Math - 8th
 State	1320	1320
 MS	1480	1420

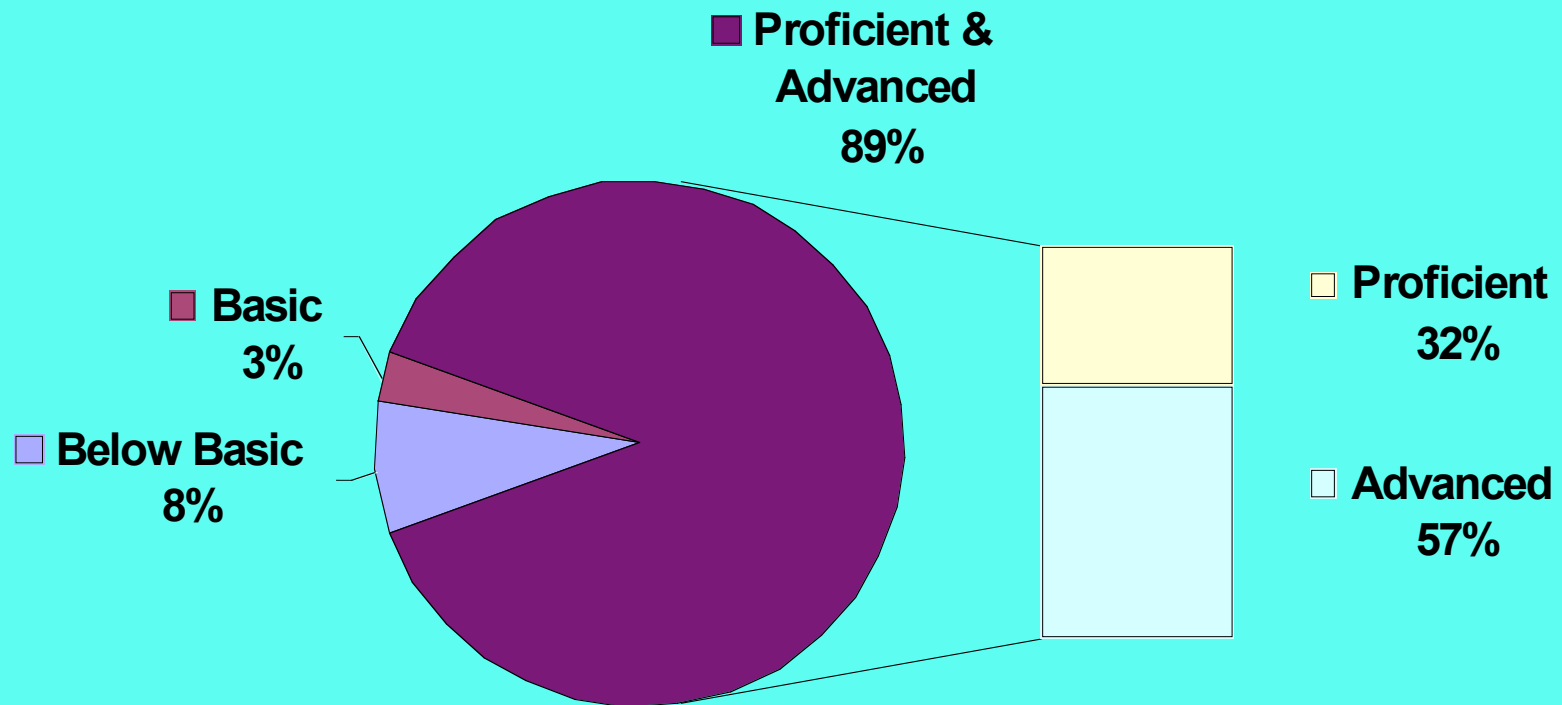
Scores

**Note: State Average is an estimate**

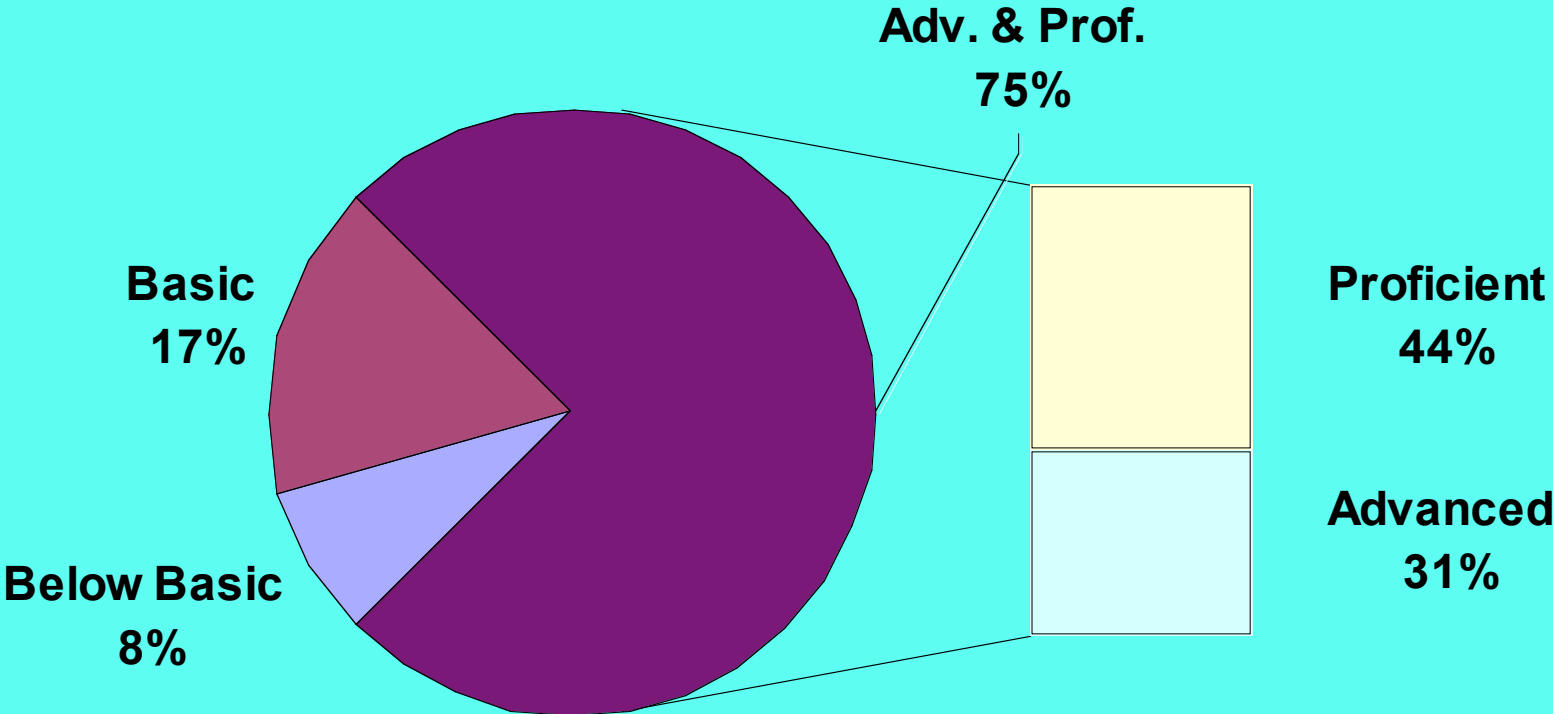
# Grade 8 PSSA Math



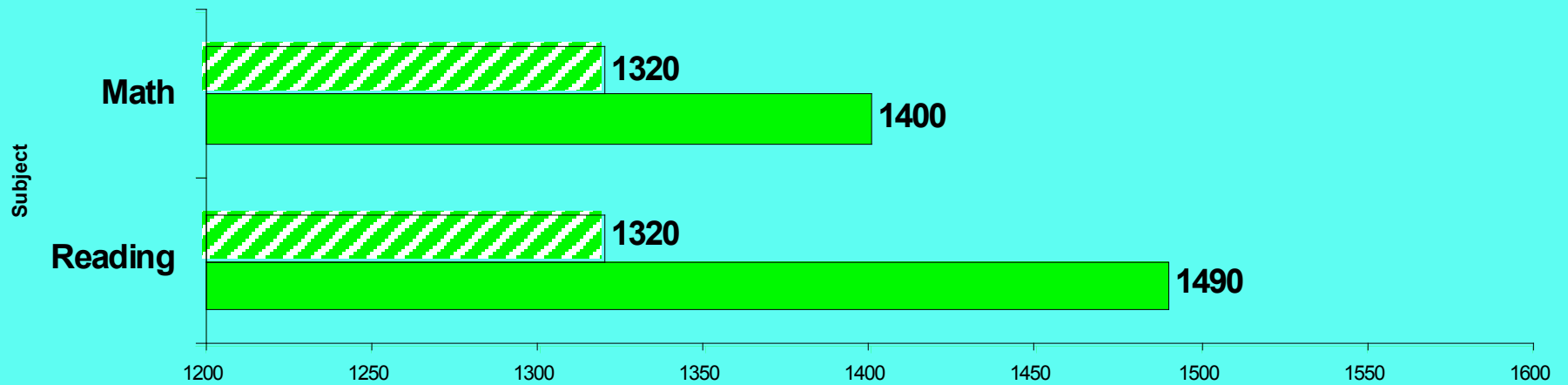
# Grade 8 Reading PSSA 2004



# Grade 9 PSSA Writing - Fall 2003



## 2004 PSSA 11th Grade Math and Reading Scaled Score Results (All Students)



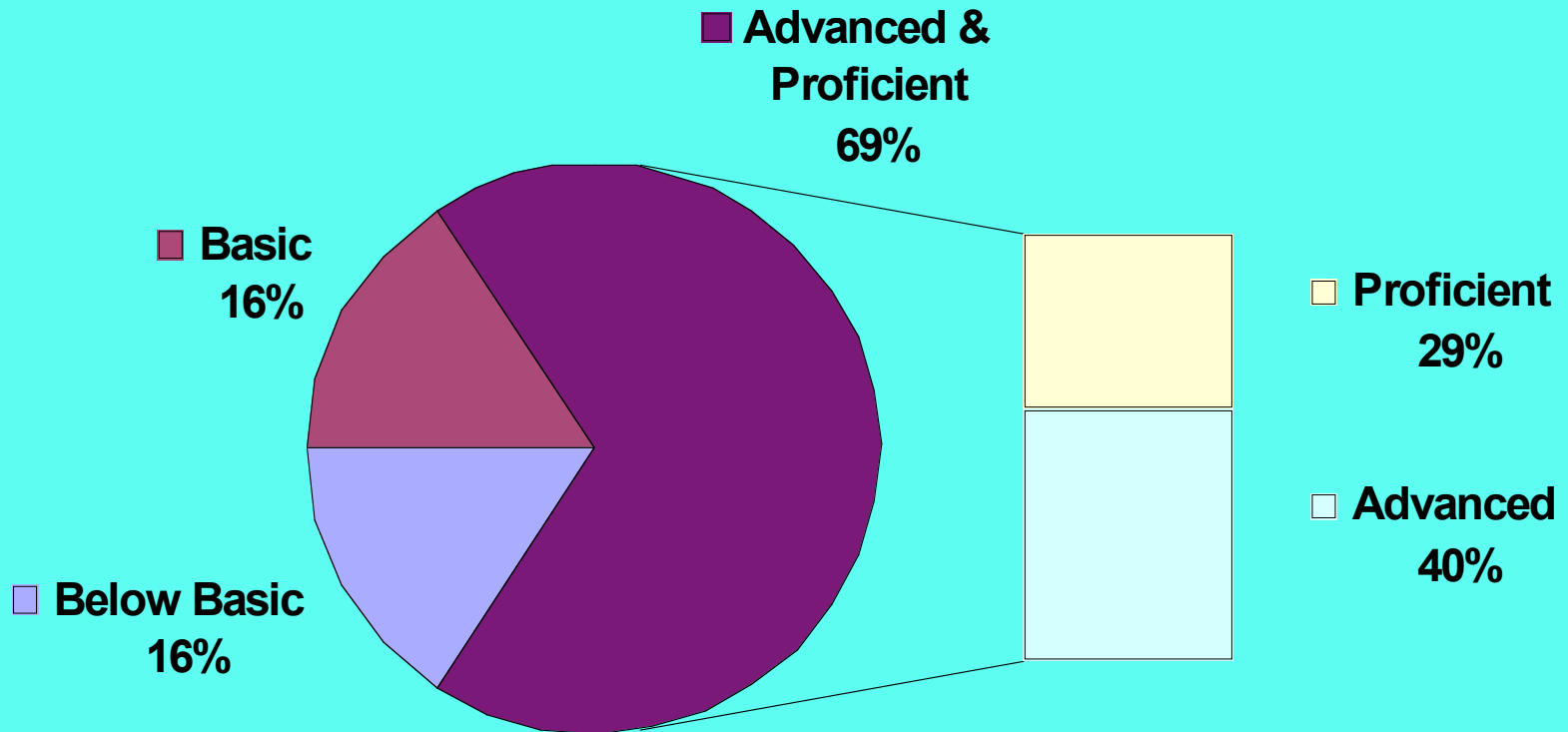
	Reading	Math
<b>State</b>	<b>1320</b>	<b>1320</b>
<b>HS</b>	<b>1490</b>	<b>1400</b>

Score

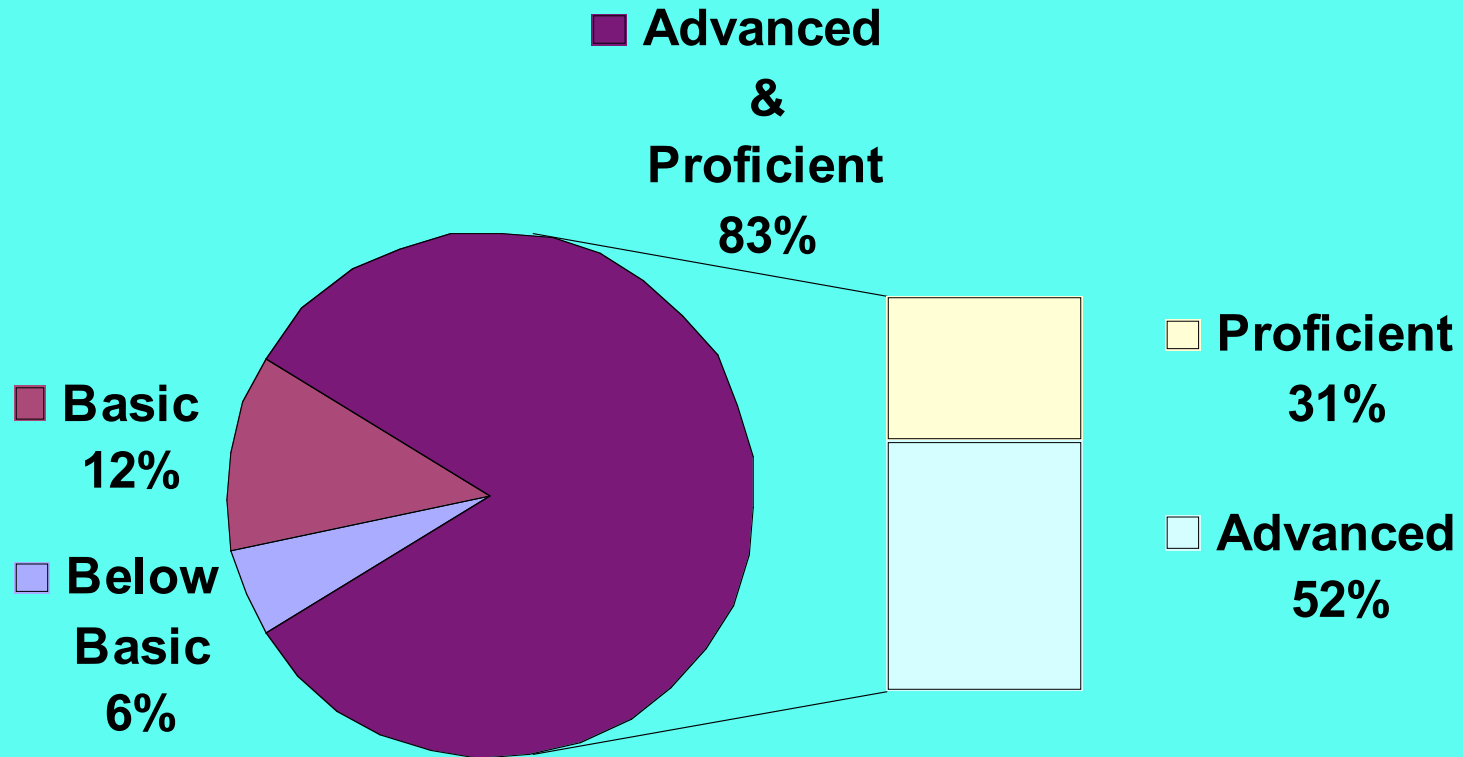
**Note: State Average is an estimate**



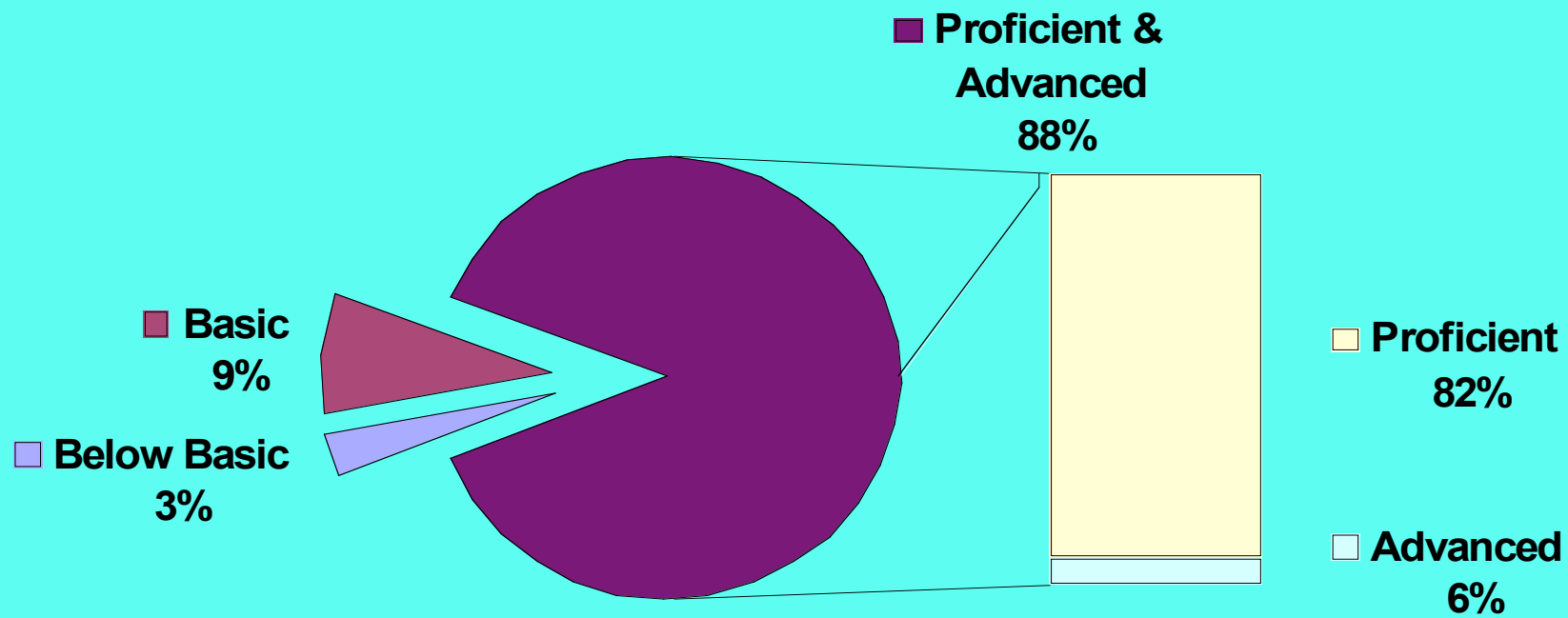
# Grade 11 PSSA Math 2004



# Grade 11 PSSA Reading 2004



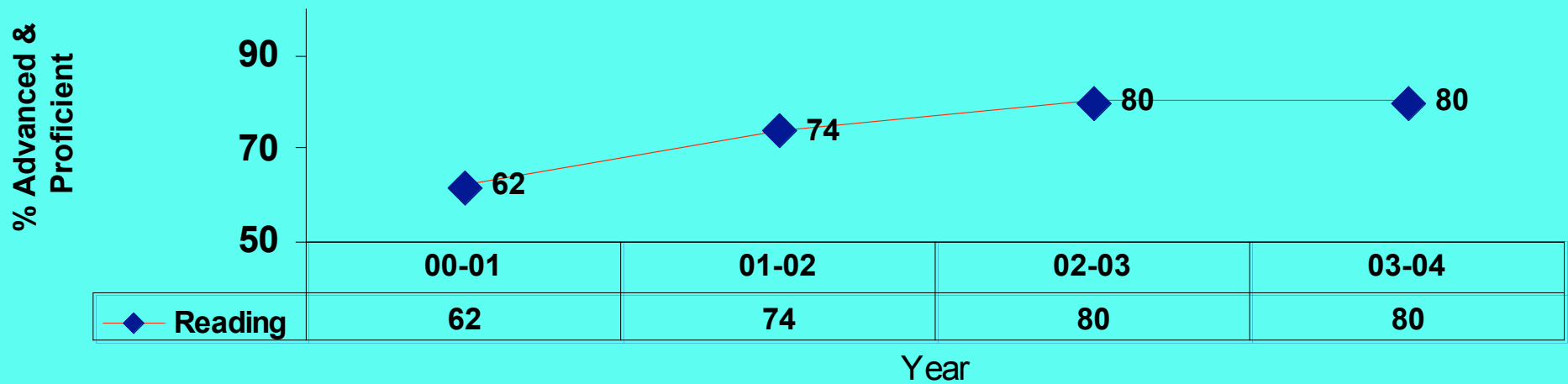
## Grade 11 Writing PSSA



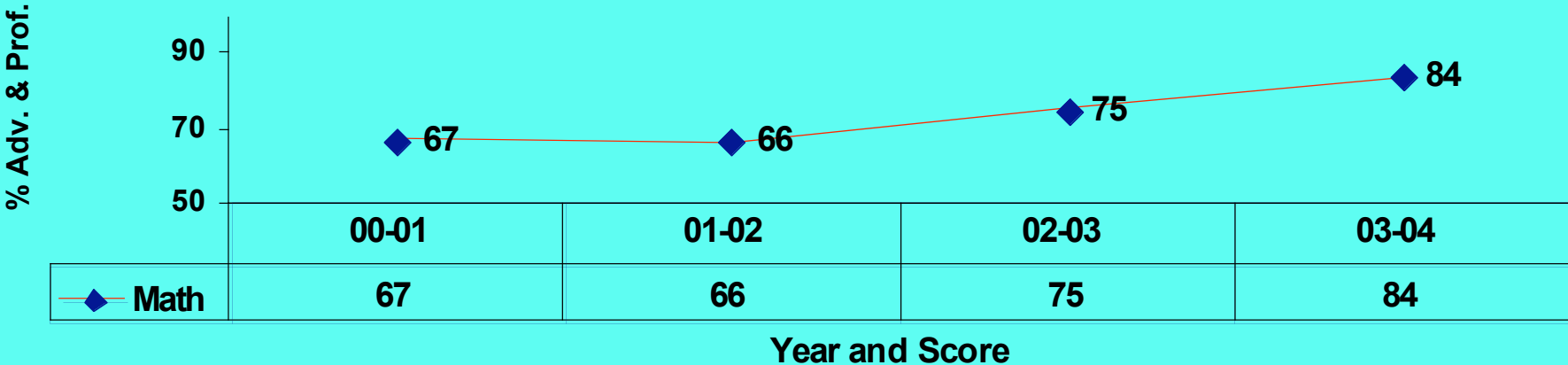
# *Historical Trends*

## Grade 5 PSSA Reading Trends

### Percentage of Students Scoring Advanced & Proficient

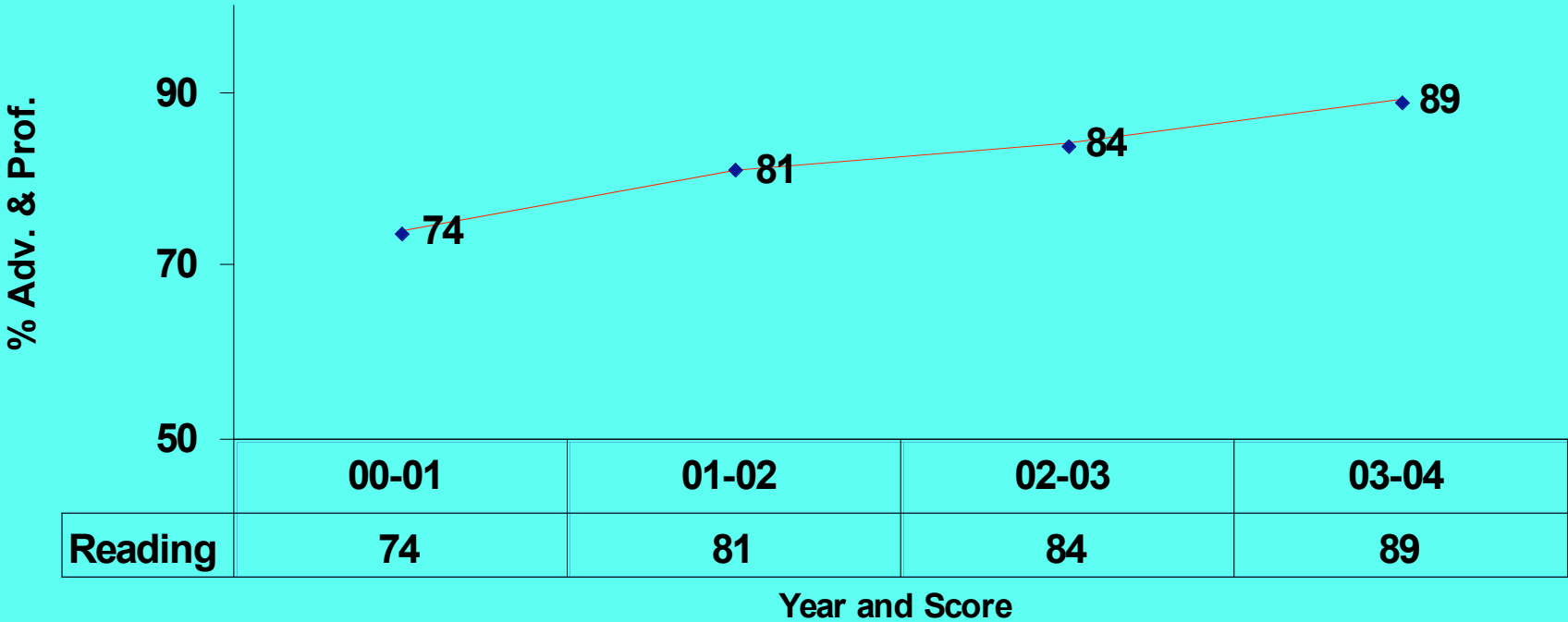


### Grade 5 PSSA Math Trends Percentage of Students Scoring Advanced & Proficient



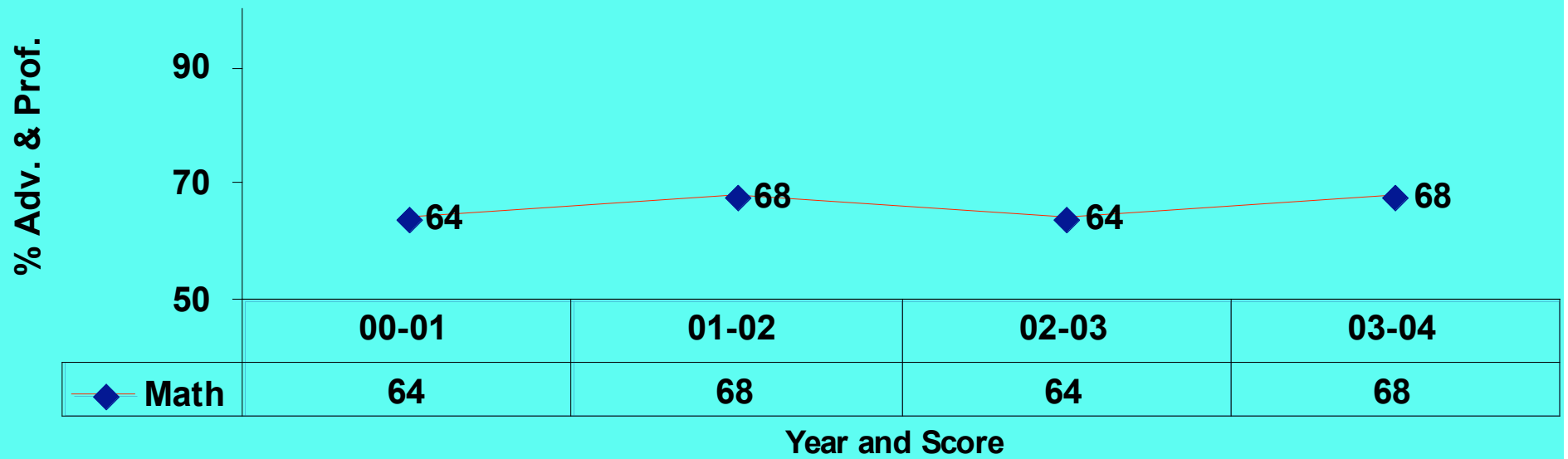
# Grade 8 PSSA Reading Trends

## Percentage of Students Scoring Advanced & Proficient



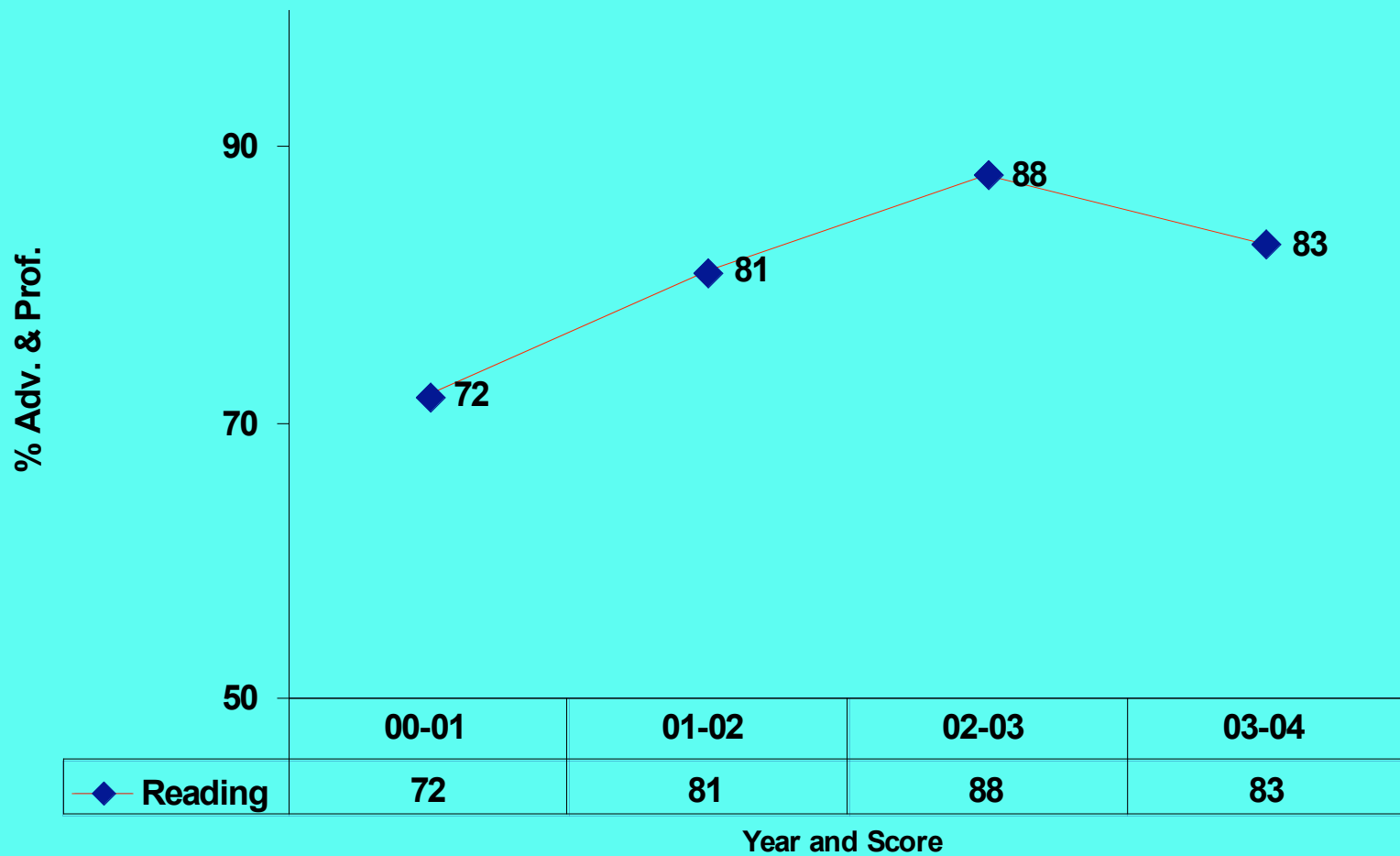
## Grade 8 PSSA Math Trends

### Percentage of Students Scoring Advanced & Proficient



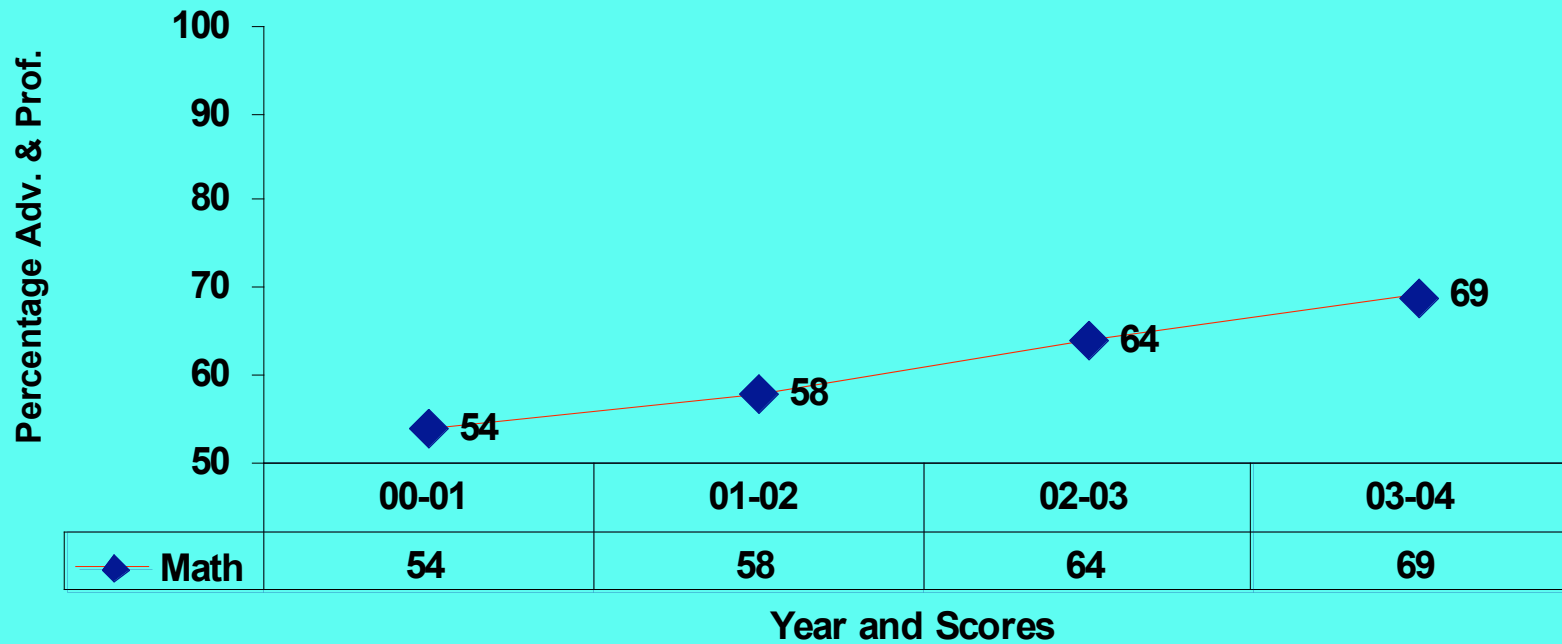


## Grade 11 PSSA Reading Trends Percentage of Students Scoring Advanced & Proficient



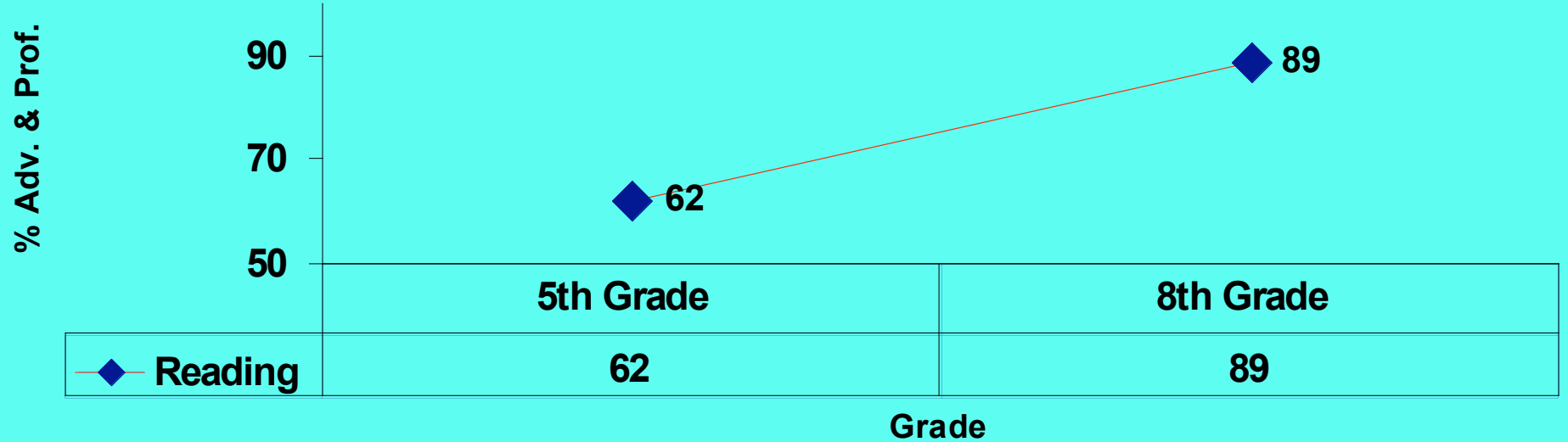
## Grade 11 PSSA Math Trends

### Percentage of Students Scoring Advanced & Proficient



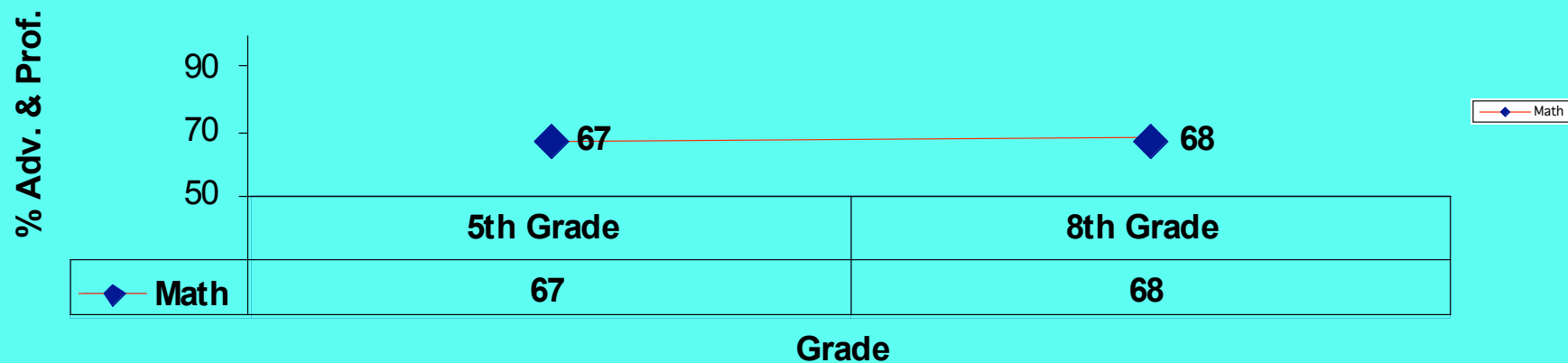
# Class of 2008 PSSA Reading Trends

## Percentage of Students Scoring Advanced & Proficient 5th to 8th Grade



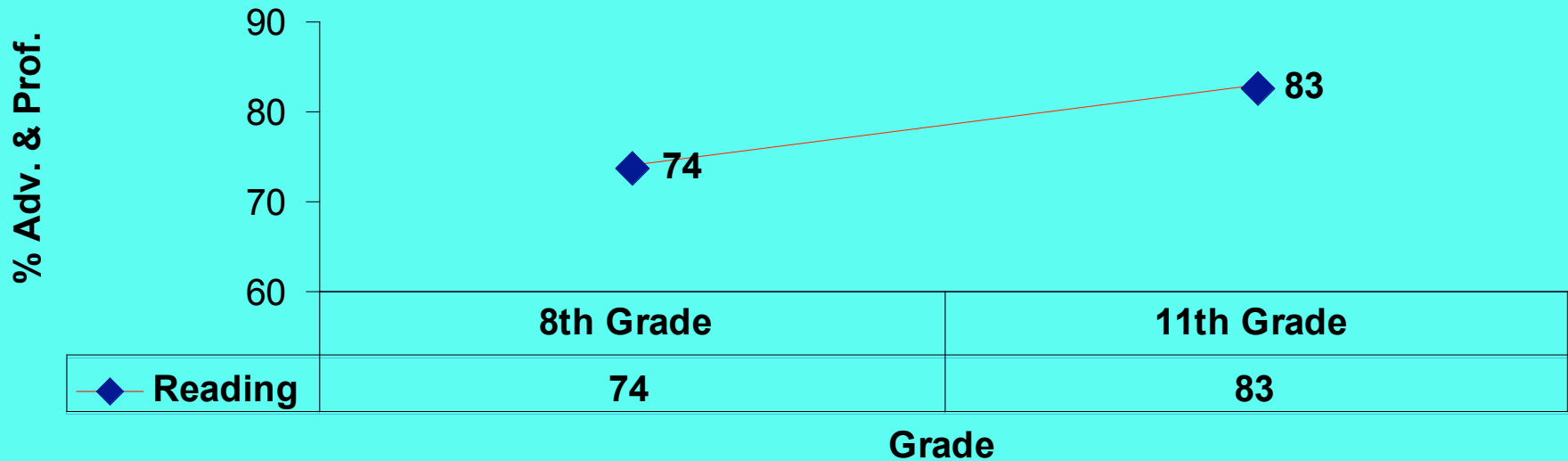
# Class of 2008 PSSA Math Trends

## Percentage of Students Scoring Advanced & Proficient 5th to 8th Grade

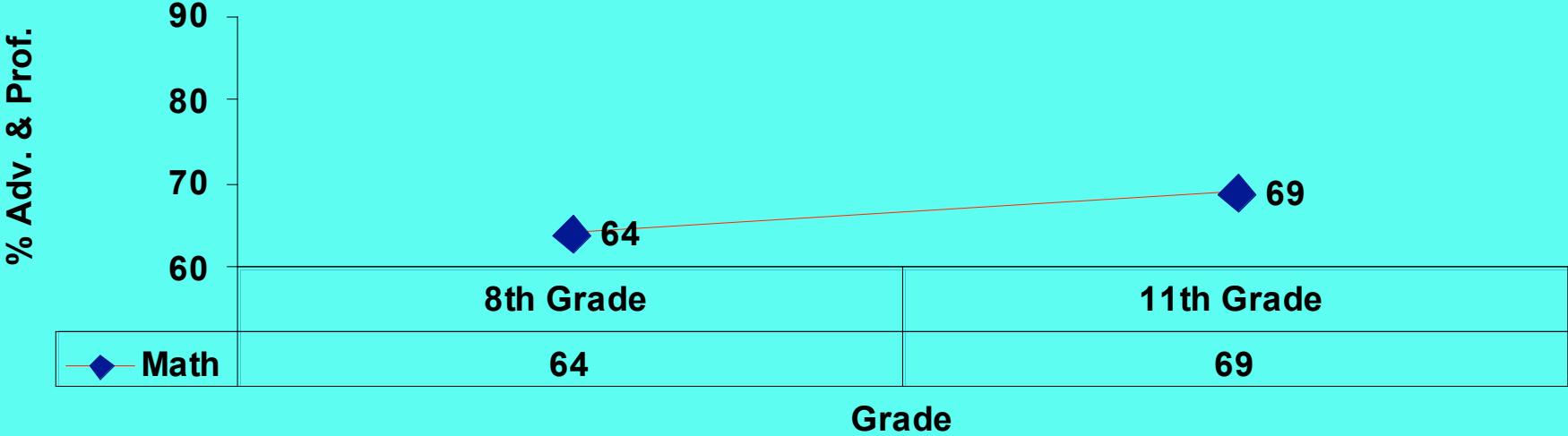


# Class of 2005 Reading Trends

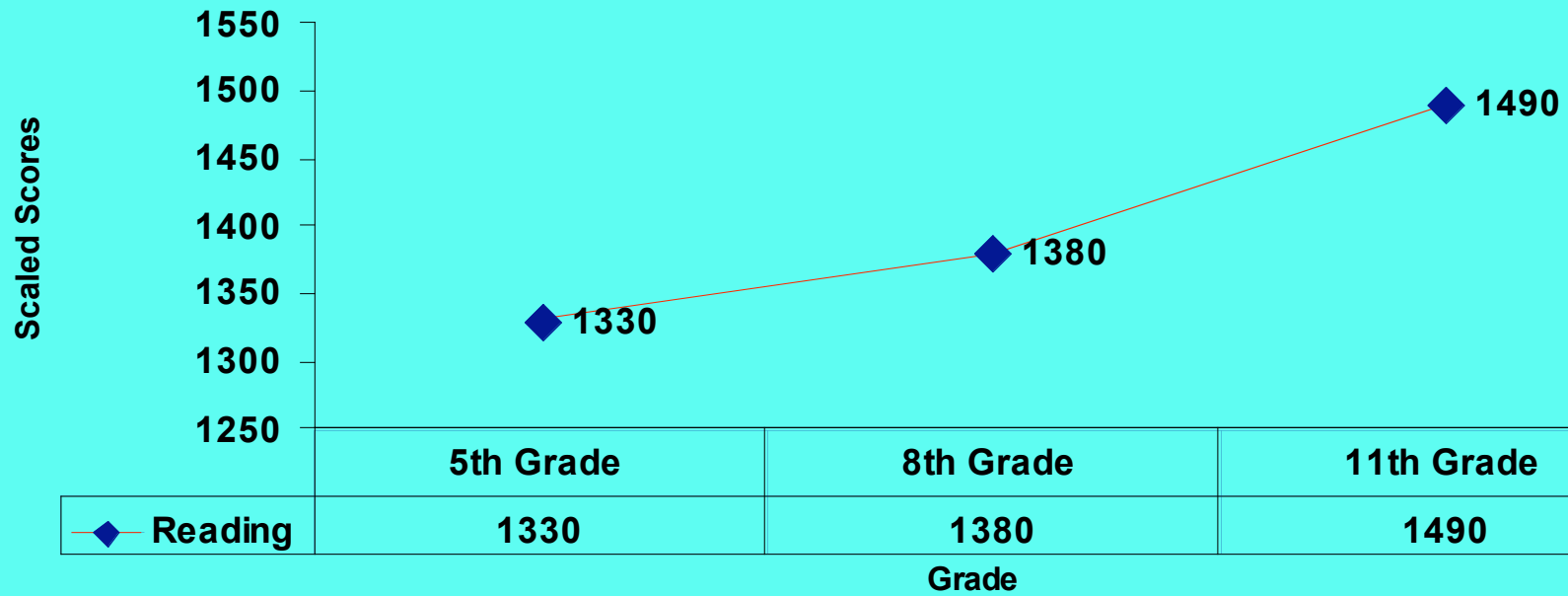
## Percentage of Students Scoring Advanced & Proficient 8th to 11th Grade



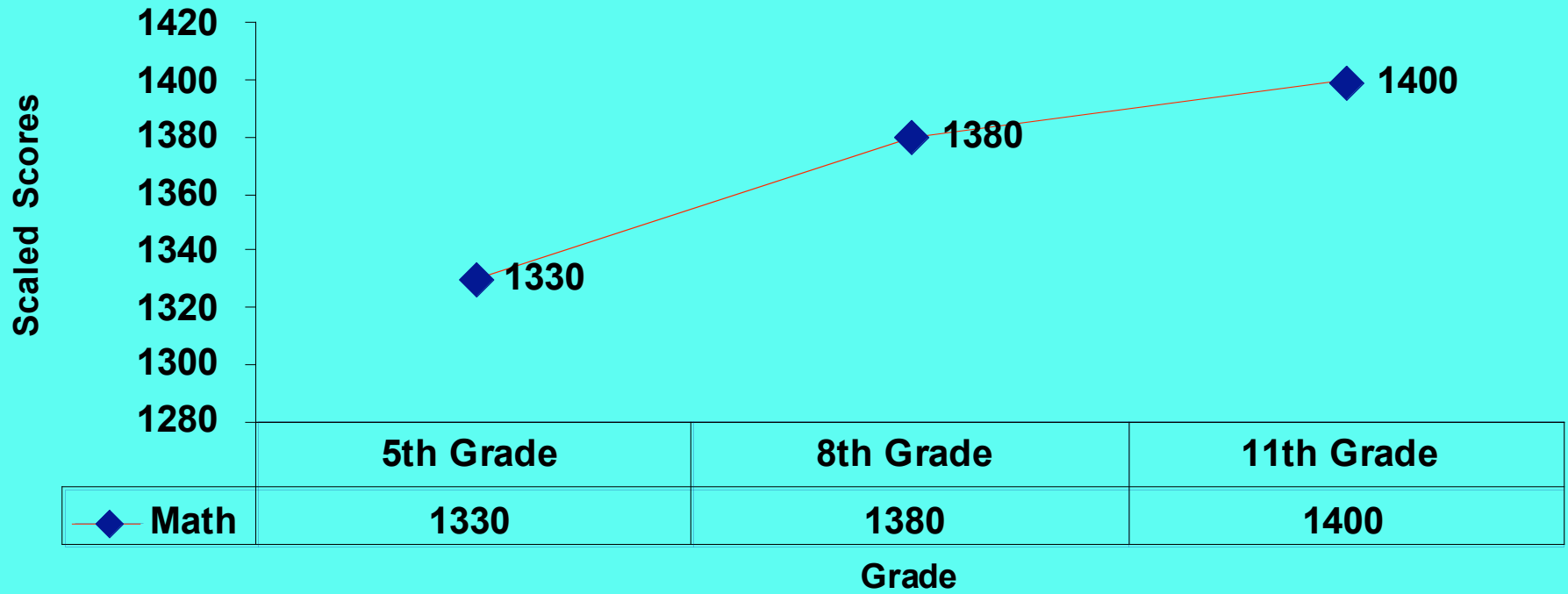
**Class of 2005 Math Trends**  
**Percentage of Students Scoring Advanced & Proficient**  
**8th to 11th Grade**



### Class of 2005 PSSA Scaled Score Reading Trends



## Class of 2005 PSSA Scaled Score Math Trends





# **PSSA Conclusions**

**This is the second year in a row that our scaled scores were the highest ever achieved in the district on the PSSA.**

**The percentage of students scoring at the advanced and proficient rate is very good in reading across the district and in math at the elementary level. It is adequate at the secondary level.**

**We need to continue our emphasis on improving math scores at the secondary level.**

**For the first time in our history math scores were higher than reading scores in fifth grade.**

**Our growth trend lines in reading are excellent and flat to moderate in math.**

**We must continue to move all students into the proficient or advanced levels of assessment.**

**The district has met all AYP Criteria for the 2003-2004 school year.**



# SAT Results

## National Comparison

LAHS

National

	Verbal	Math	Total		Verbal	Math	Total		Tested	Class	%Testing
95-96	533	518	1051		505	508	1013		118	134	88%
96-97	544	538	1082		505	511	1016		89	109	82%
97-98	524	511	1035		505	512	1017		106	138	77%
98-99	556	556	1112		505	511	1016		87	106	82%
99-00	539	542	1081		505	514	1019		118	142	83%
00-01	526	525	1051		506	514	1020		105	135	78%
01-02	512	516	1028		504	516	1020		122	154	79%
02-03	533	519	1052		507	519	1026		101	126	80%
03-04	546	517	1063		508	518	1026		106	135	79%

LAHS Students continue to score above state and national average on the SAT despite having a very high percentage of students taking the test.



# Overall Conclusions

## Areas Needing Improvement for Achievement Growth

- Percentage of students scoring at the advanced and proficient levels must continue to rise
- Math achievement levels must improve at the secondary level
- Writing results at the elementary level need monitored and improved

## District Strengths Showing Achievement Growth

- Excellent overall standardized test scores that were the highest yet on the current measures being used
- High levels of achievement in reading across the district
- High levels of achievement in writing at the secondary level
- A noticeable improvement in math achievement at the elementary and middle school levels
- Achievement trend lines are impressive in reading