

Beverly Public Schools



MCAS

2003 – 2007

November 2007

What was tested in 2007?

Content Area	Grade Level									
	3	4	5	6	7	8	9	10	11	
Reading										
English Language Arts									retests	
Mathematics									retests	
Science & Technology/Engineering							End-of-course tests			
History & Social Science			Pilot		Pilot			Try Out U.S. History		

Highlights / Trends

- English Language Arts results for grades 3, 4,5,6,8, &10 exceed the state performance.
 - Students have exceeded the state average of advanced/proficient students by:
 - 3% at Grade 3, 1% at Grade 4, 2% at Grade 5, 3% at Grade 6, 1% at Grade 8, and 7% at Grade 10.
 - The number of students scoring at the advanced/proficient level has increased by:
 - 10% in Grade 4, 8% in Grade 5, 3% at Grade 6.

Highlights / Trends

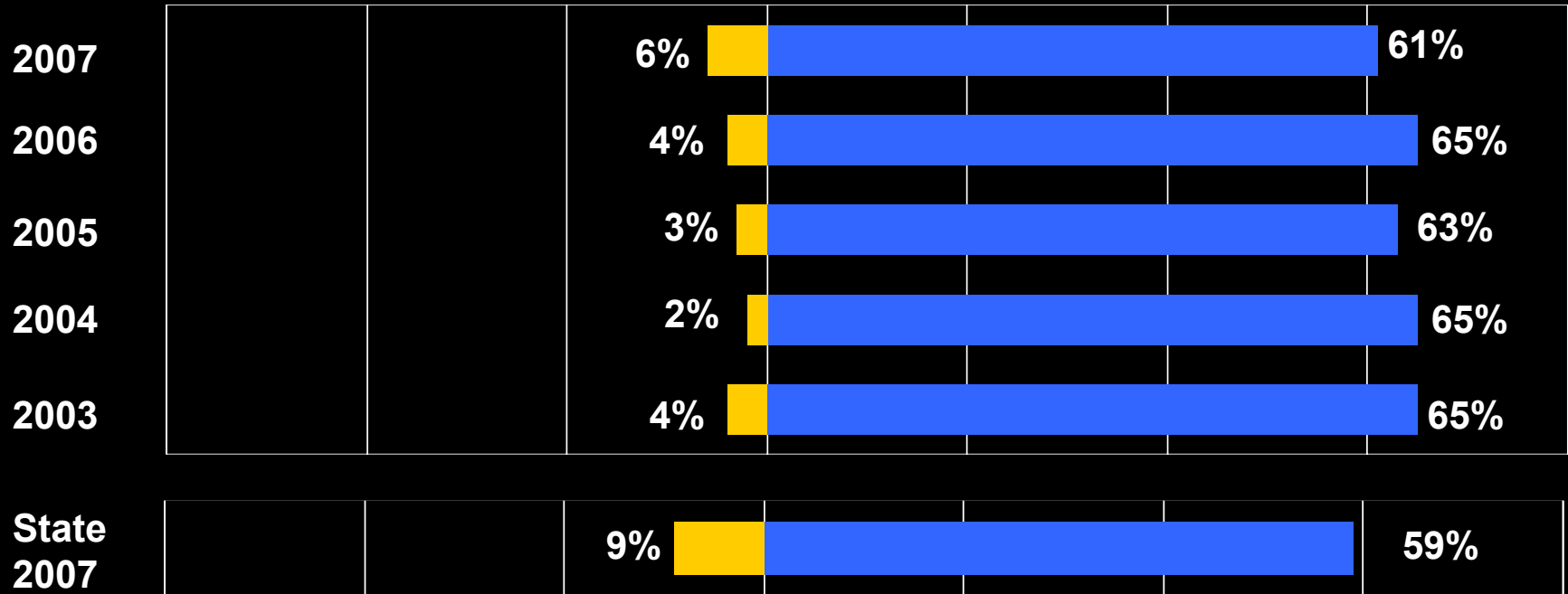
- Mathematics scores for students in grades 3, 4, 5 and 10 are significant.
 - They exceed the number of students scoring at the advanced & proficient level in the state by:
 - 8% at Grade 3, 4% at Grade 4, 3% at Grade 5, and 5% at Grade 10.
 - The percentage of students scoring at the advanced & proficient levels have increased by:
 - 6% at Grade 3, 5% at Grade 4, 22% at Grade 5, and 9% at Grade 6.
- The percentage of sophomores (class of 2009) who achieved the competency determination (passed both tests ELA and Math) exceeded the state average by 2%.

Grade 3 MCAS Performance Level Results

Reading

Warning

Proficient

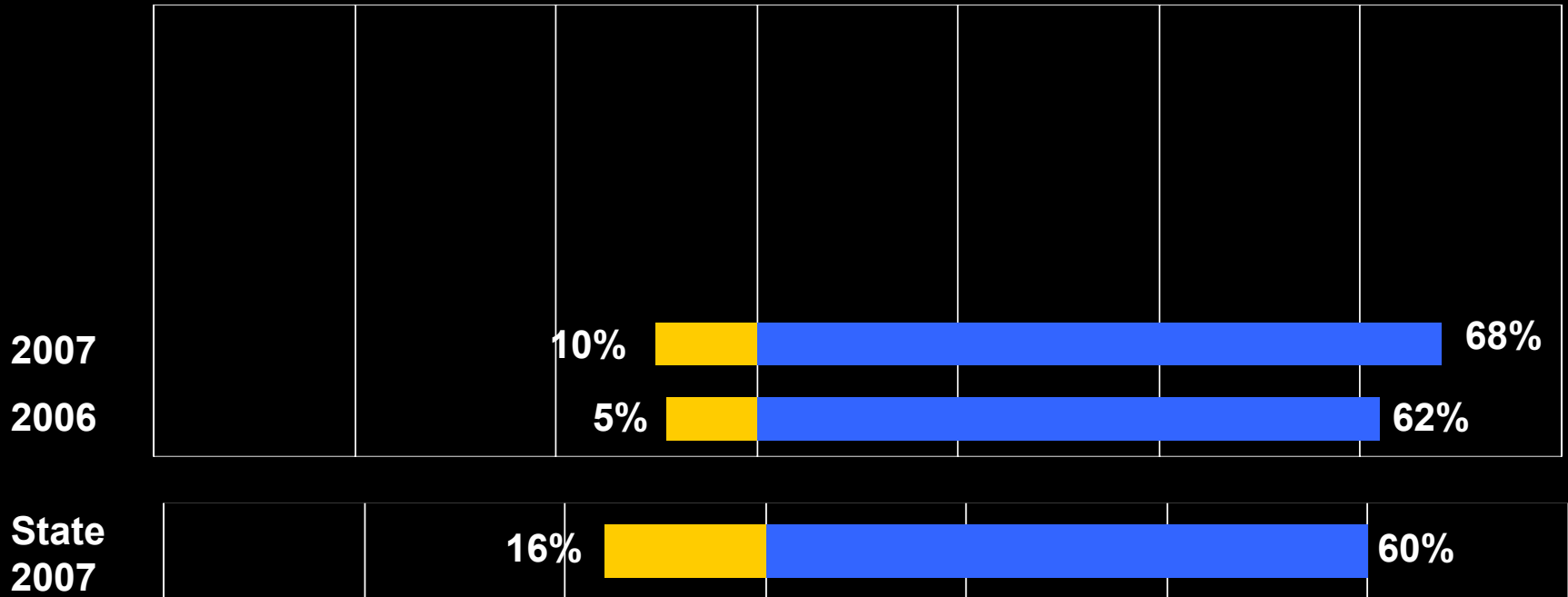


Grade 3 MCAS Performance Level Results

Mathematics

Warning

Proficient

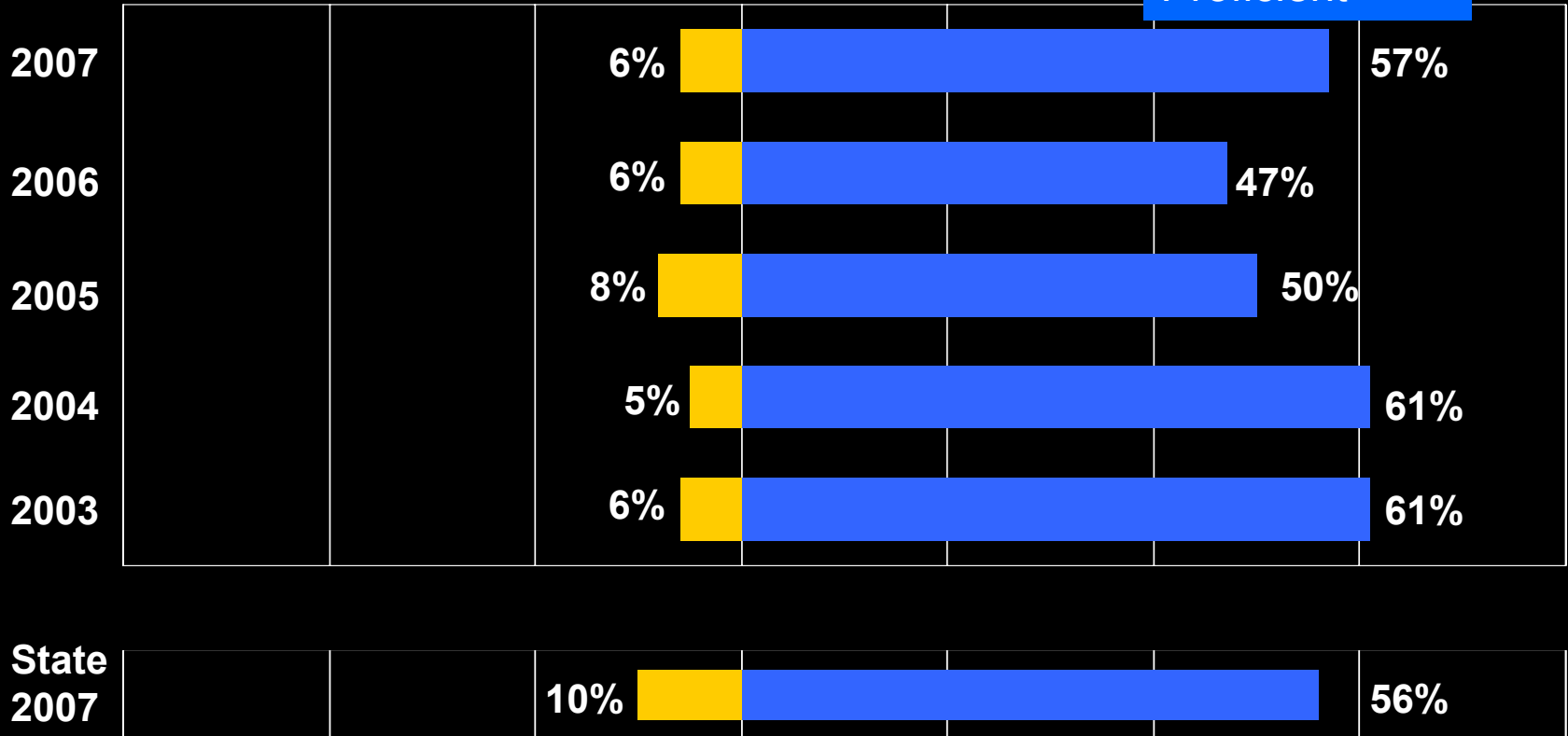


Grade 4 MCAS Performance Level Results

English Language Arts

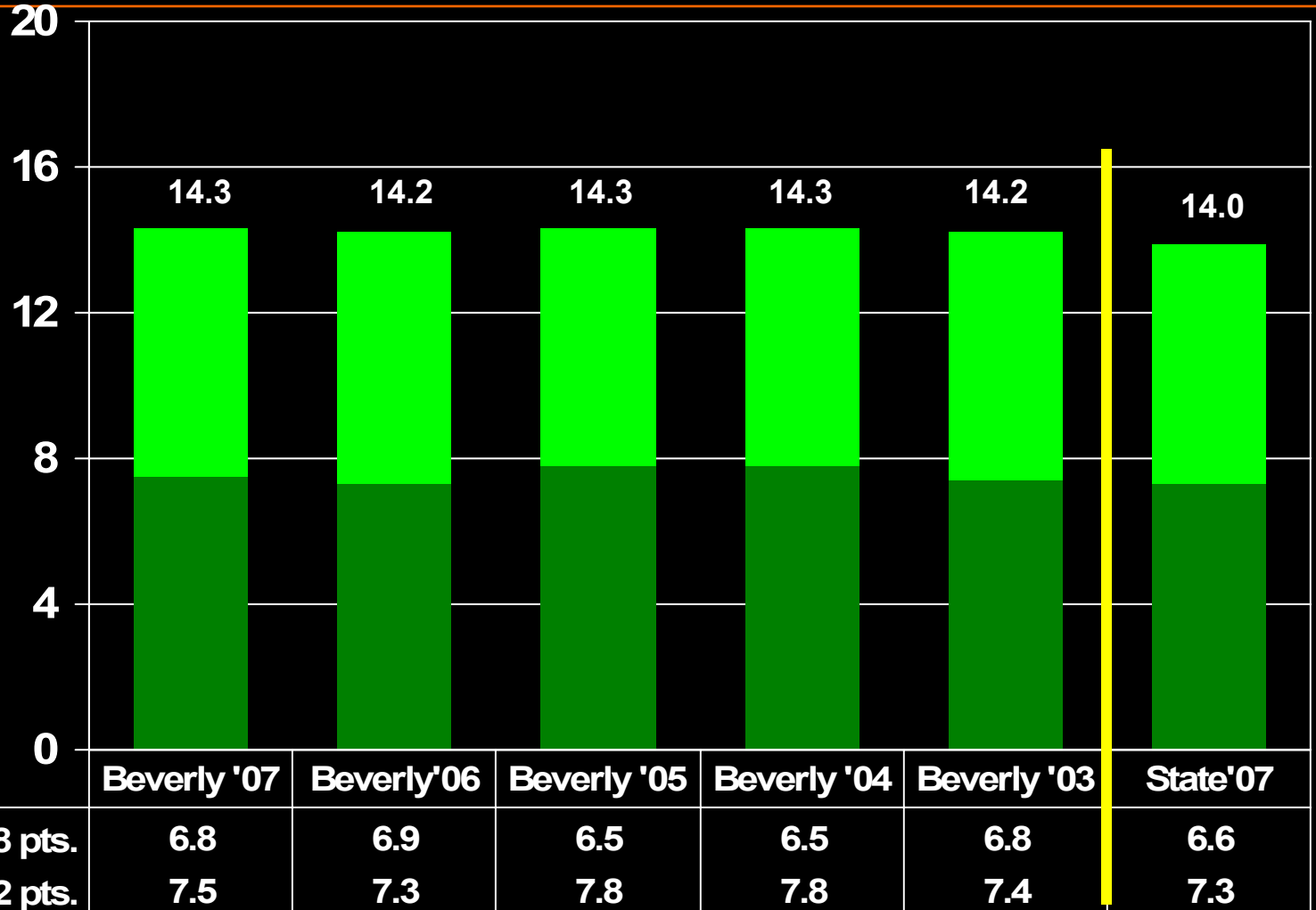
Warning

Advanced or Proficient



Grade 4 Writing Composition Score Analysis

English Language Arts

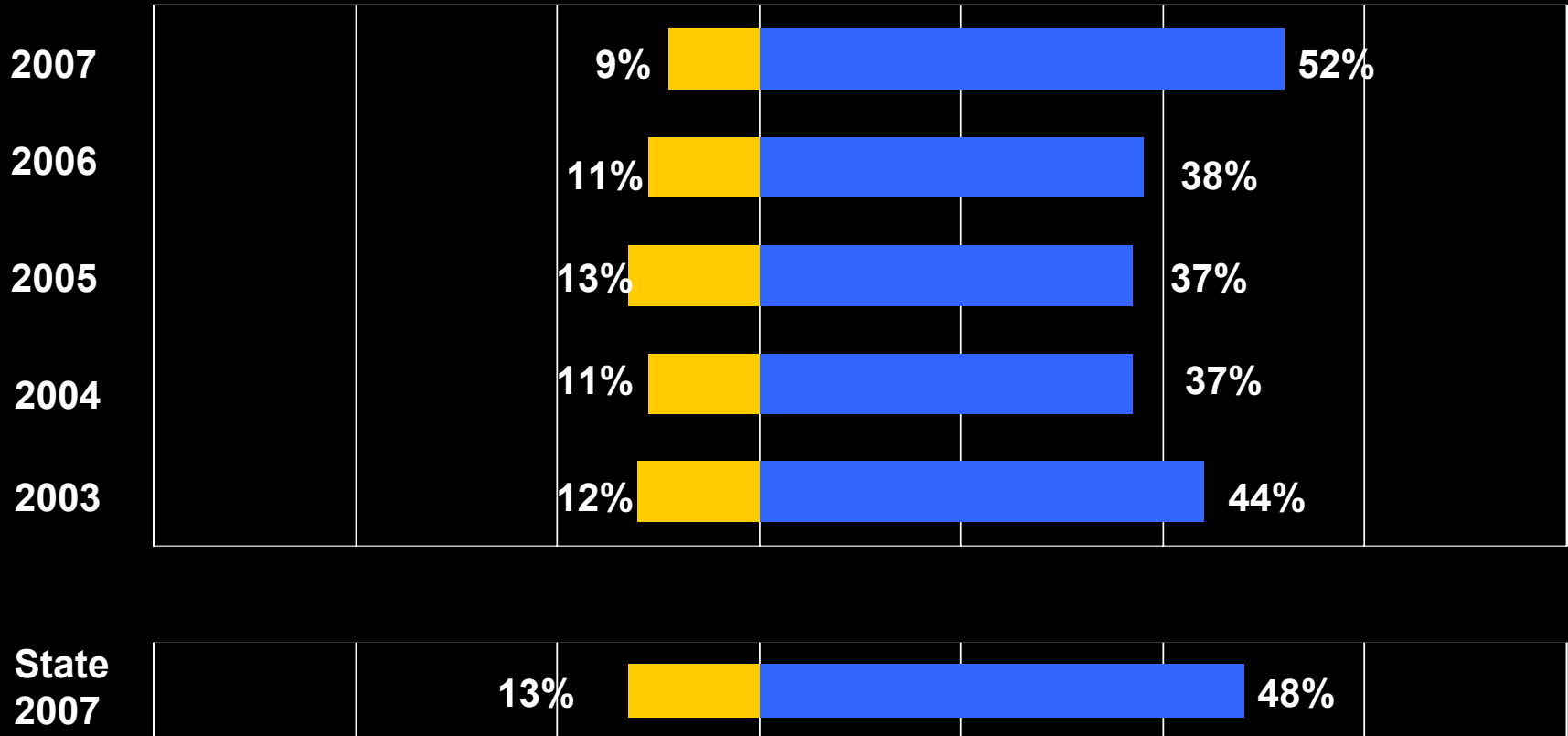


Grade 4 MCAS Performance Level Results

Warning

Mathematics

Advanced or Proficient

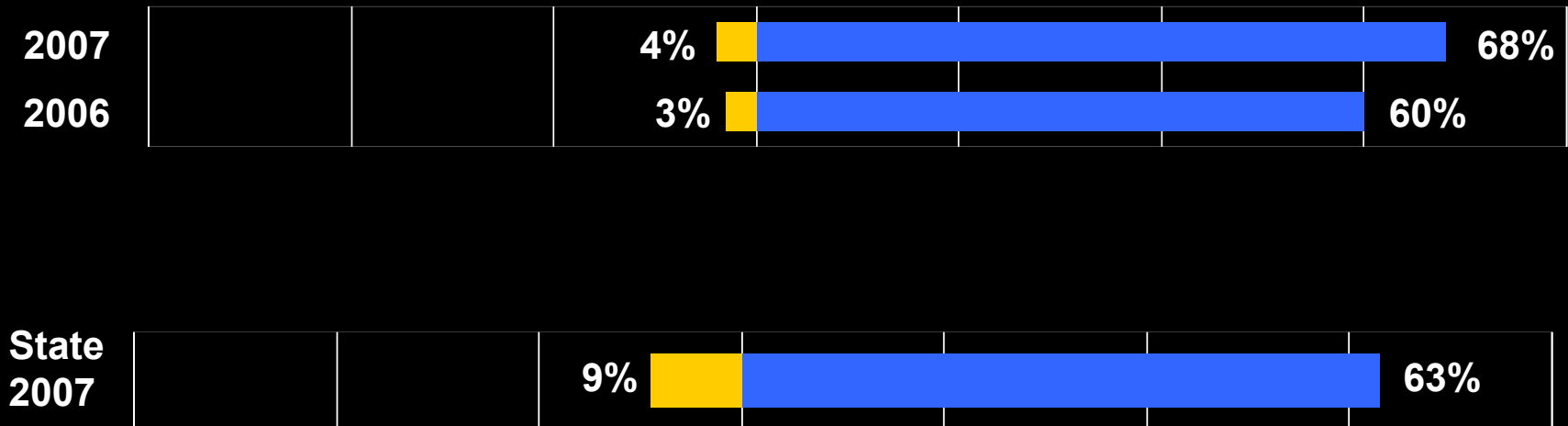


Grade 5 MCAS Performance Level Results

English Language Arts

Warning

Advanced or
Proficient

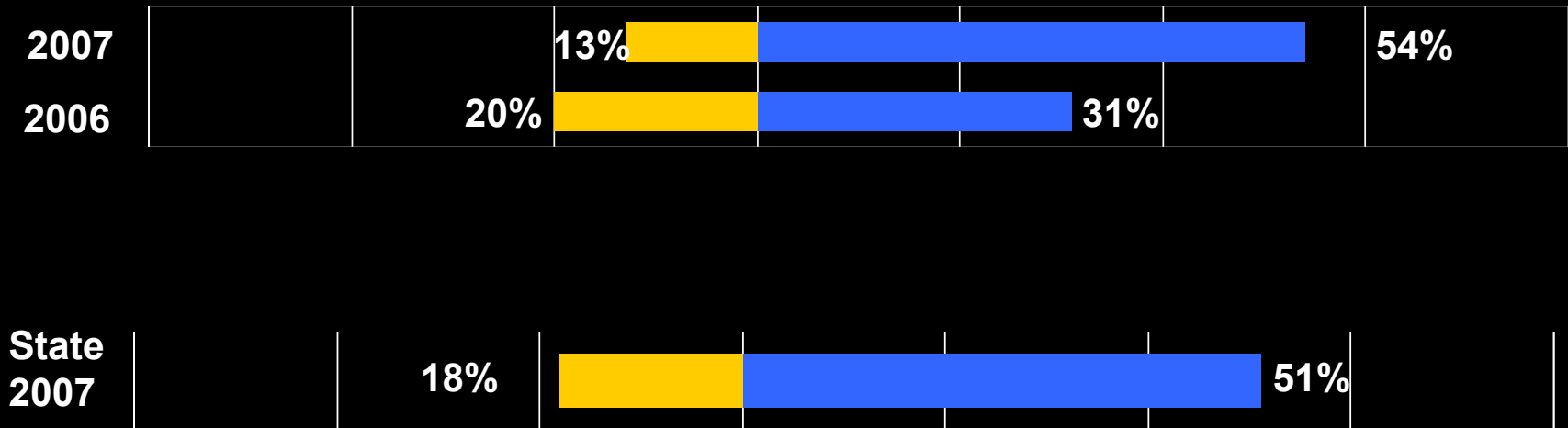


Grade 5 MCAS Performance Level Results

Mathematics

Warning

Advanced or Proficient

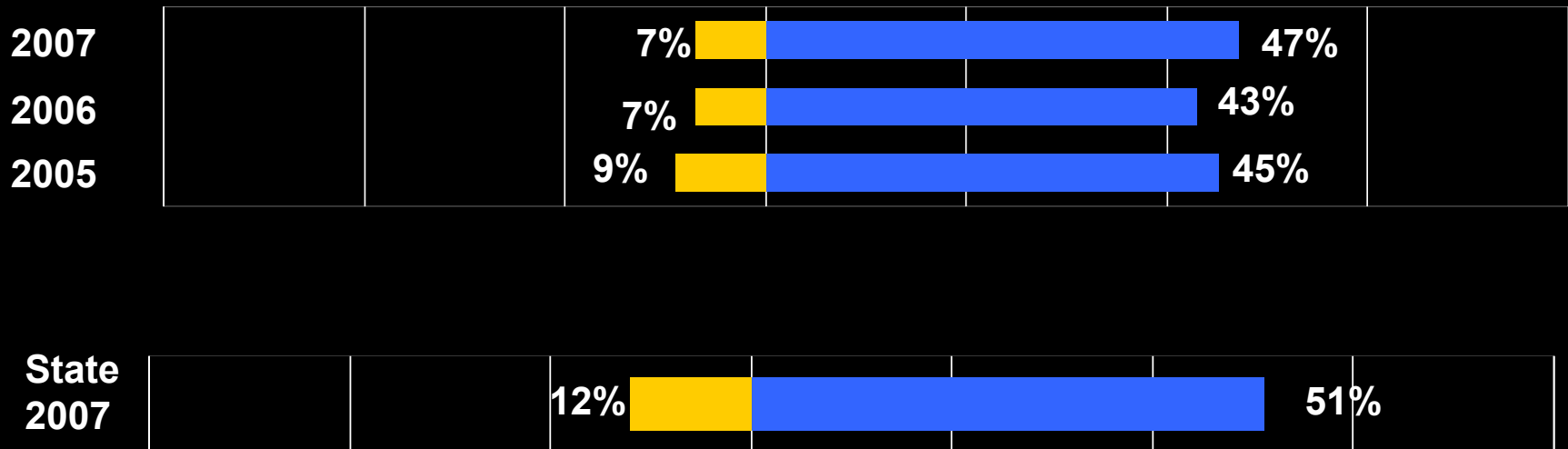


Grade 5 MCAS Performance Level Results

Warning

Science &
Technology/Engineering

Advanced or
Proficient

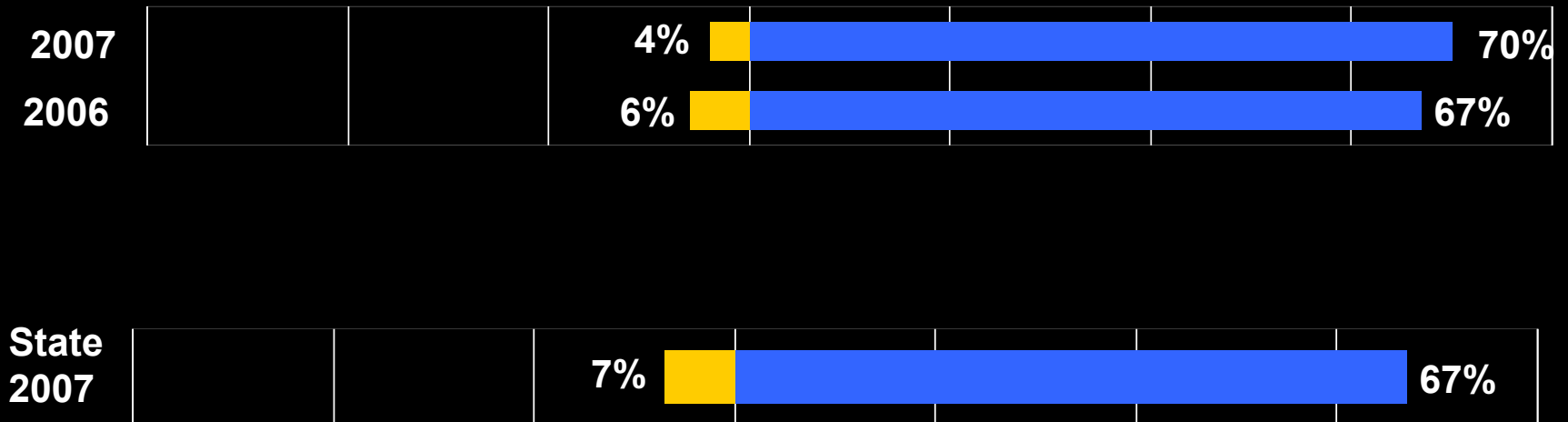


Grade 6 MCAS Performance Level Results

English Language Arts

Warning

Advanced or
Proficient

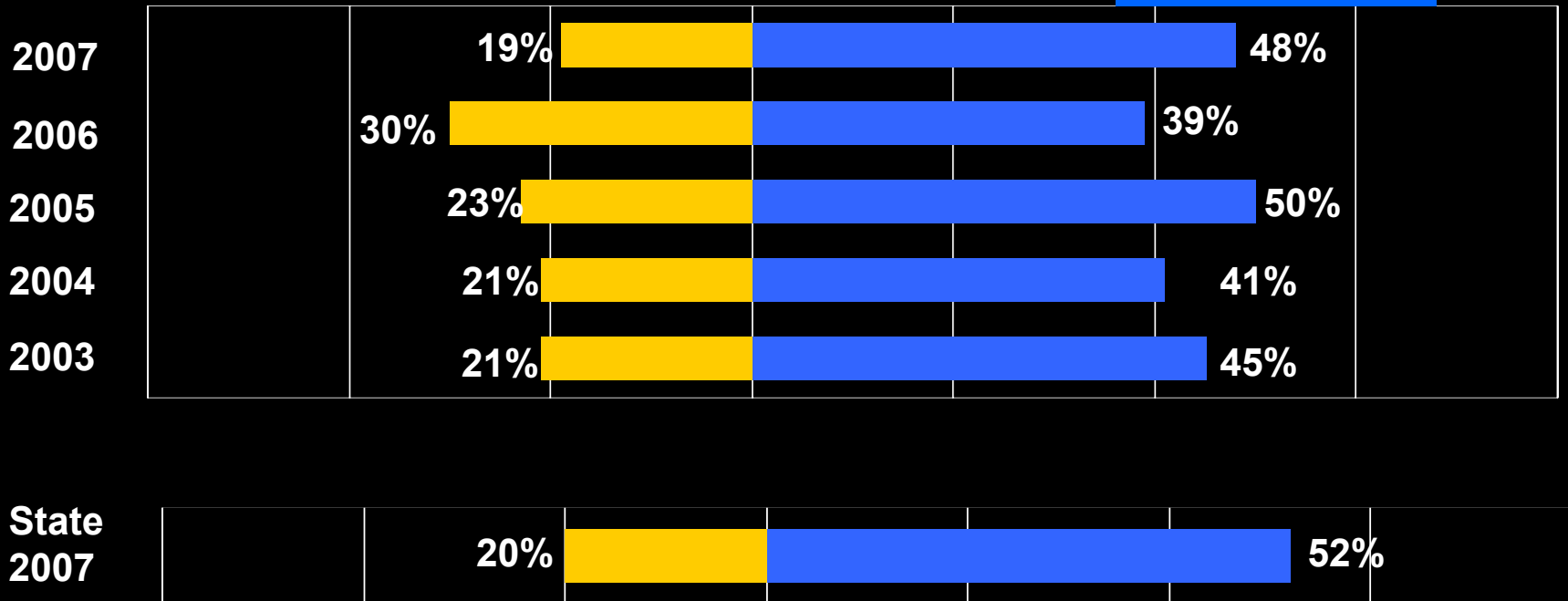


Grade 6 MCAS Performance Level Results

Warning

Mathematics

Advanced or Proficient

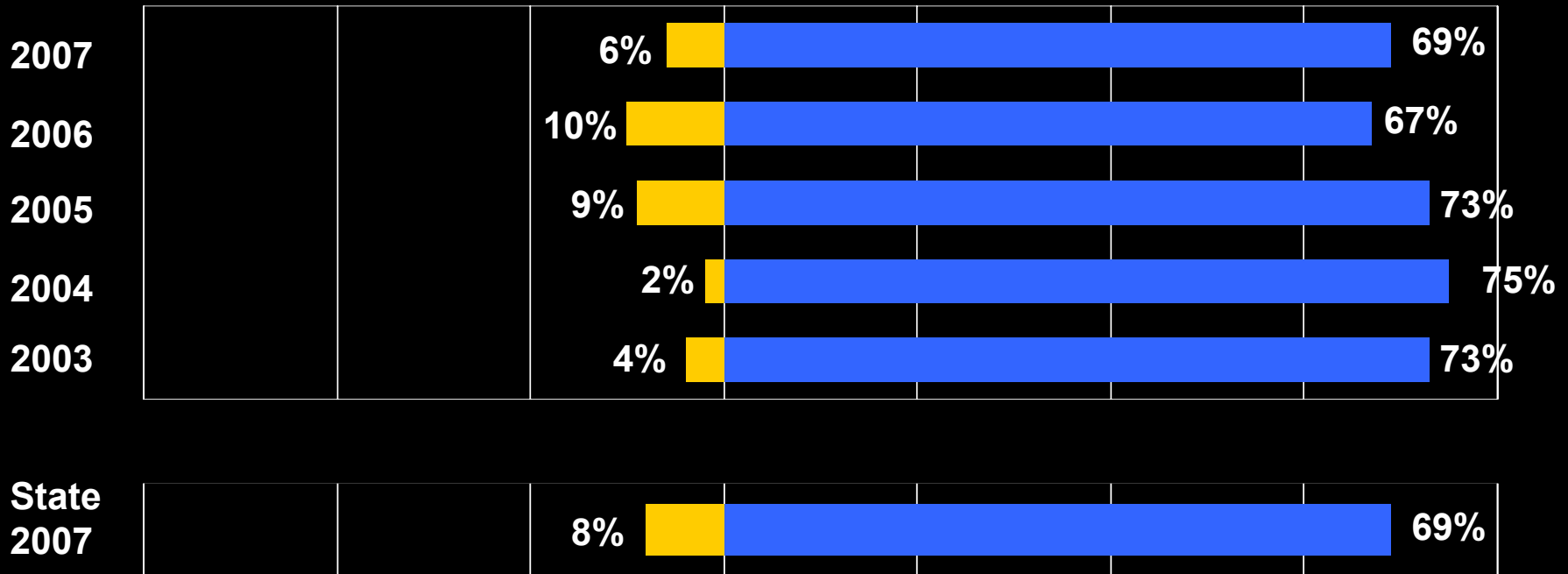


Grade 7 MCAS Performance Level Results

Warning

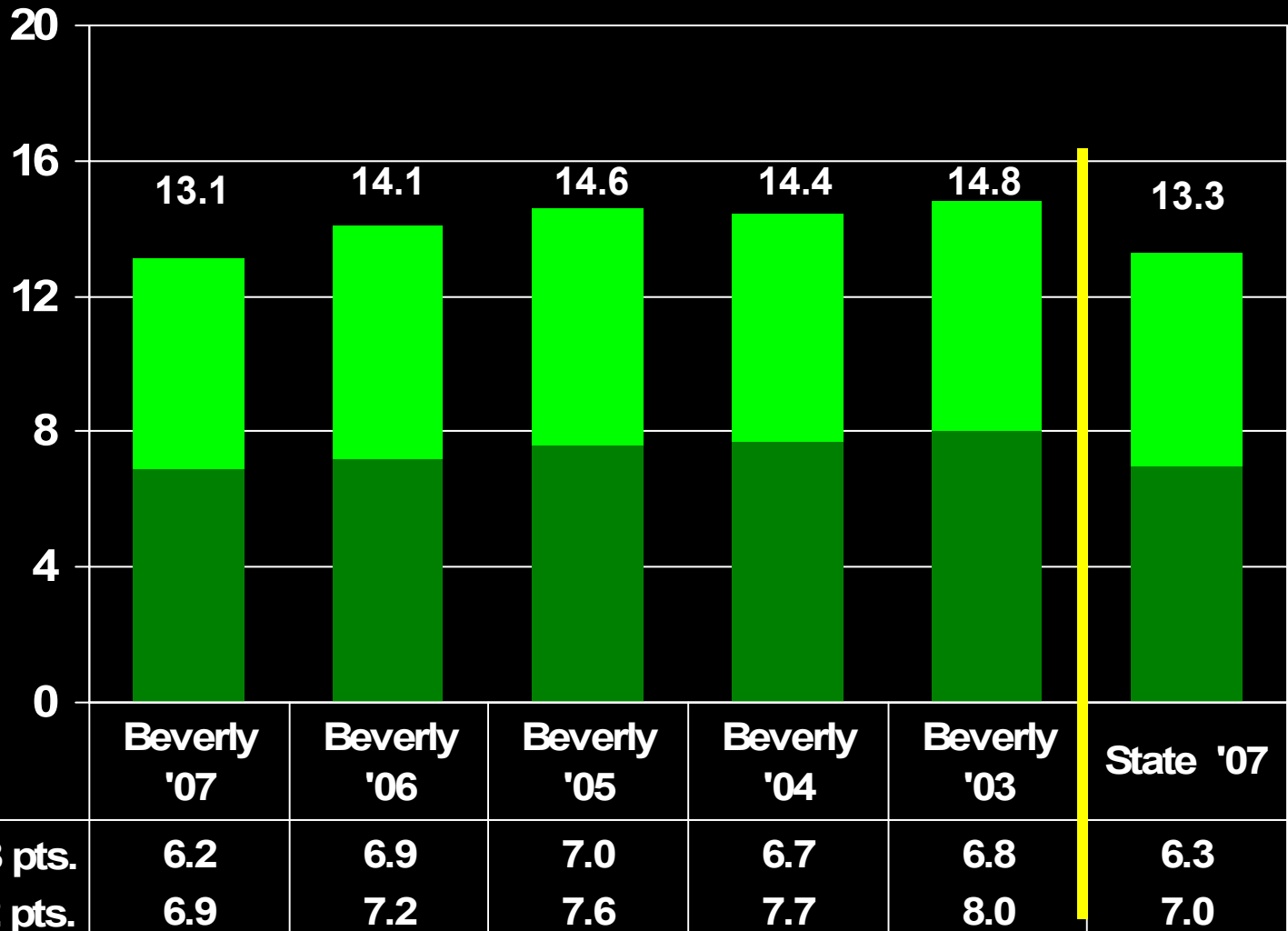
English Language Arts

Advanced or Proficient



Grade 7 Writing Composition Score Analysis

English Language Arts



Grade 7 MCAS Performance Level Results

Mathematics

Warning

Advanced or
Proficient

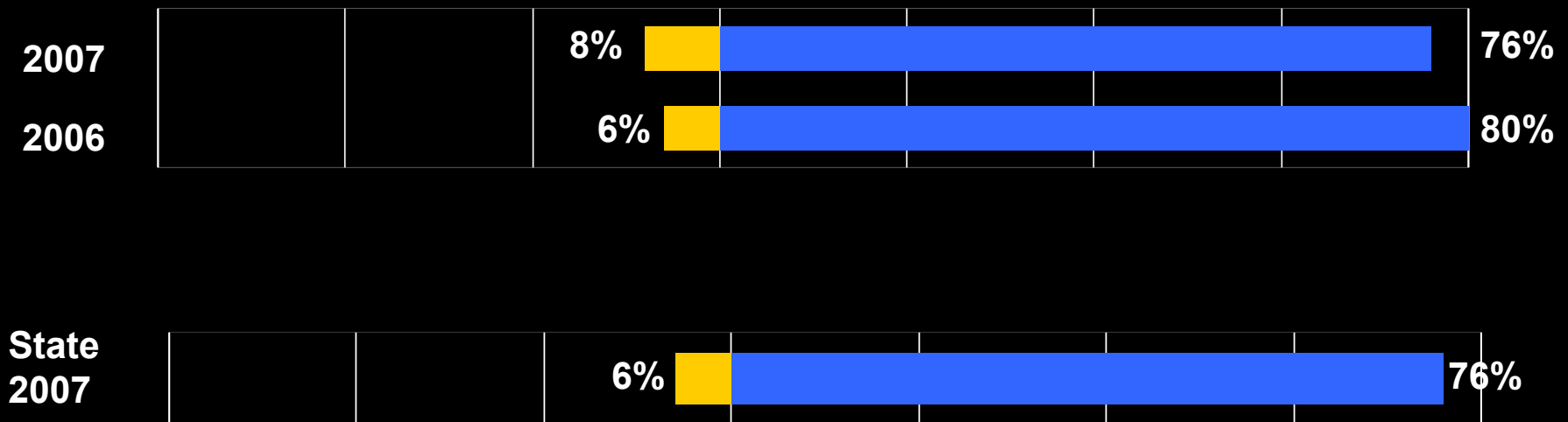


Grade 8 MCAS Performance Level Results

English Language Arts

Warning

Advanced or Proficient

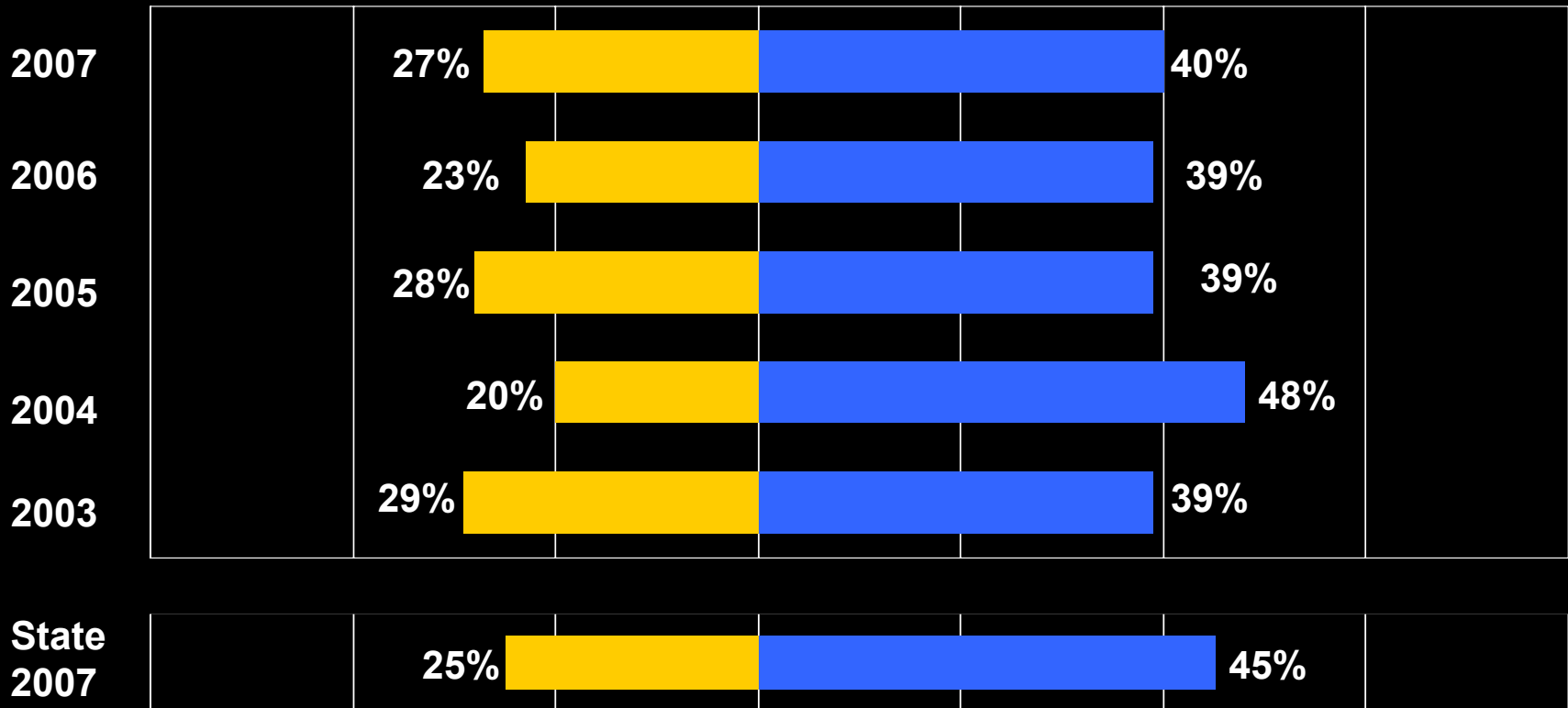


Grade 8 MCAS Performance Level Results

Mathematics

Warning

Advanced or
Proficient



Grade 8 MCAS Performance Level Results

Warning

Science &
Technology/Engineering

Advanced or
Proficient

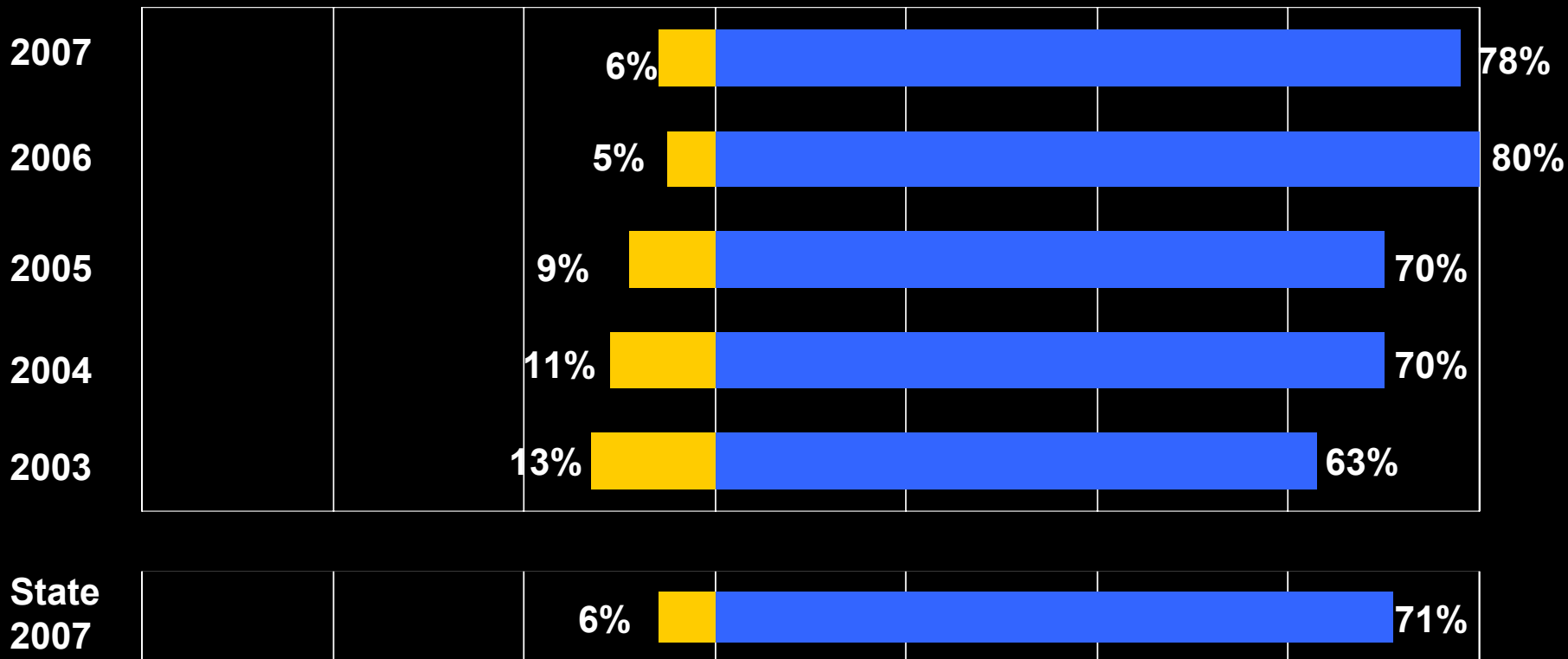


Grade 10 MCAS Performance Level Results

English Language Arts

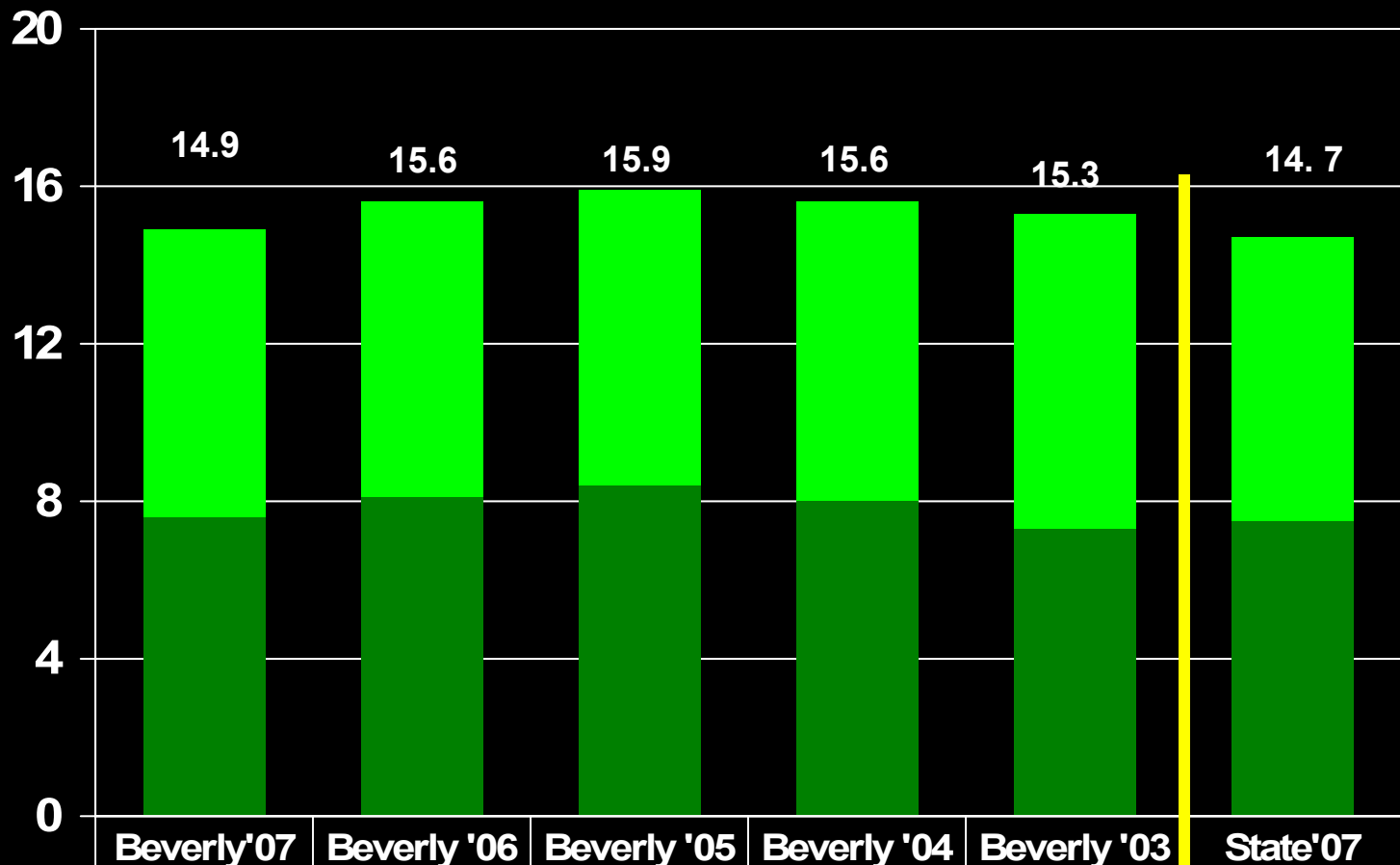
Failing

Advanced or Proficient



Grade 10 Writing Composition Score Analysis

English Language Arts



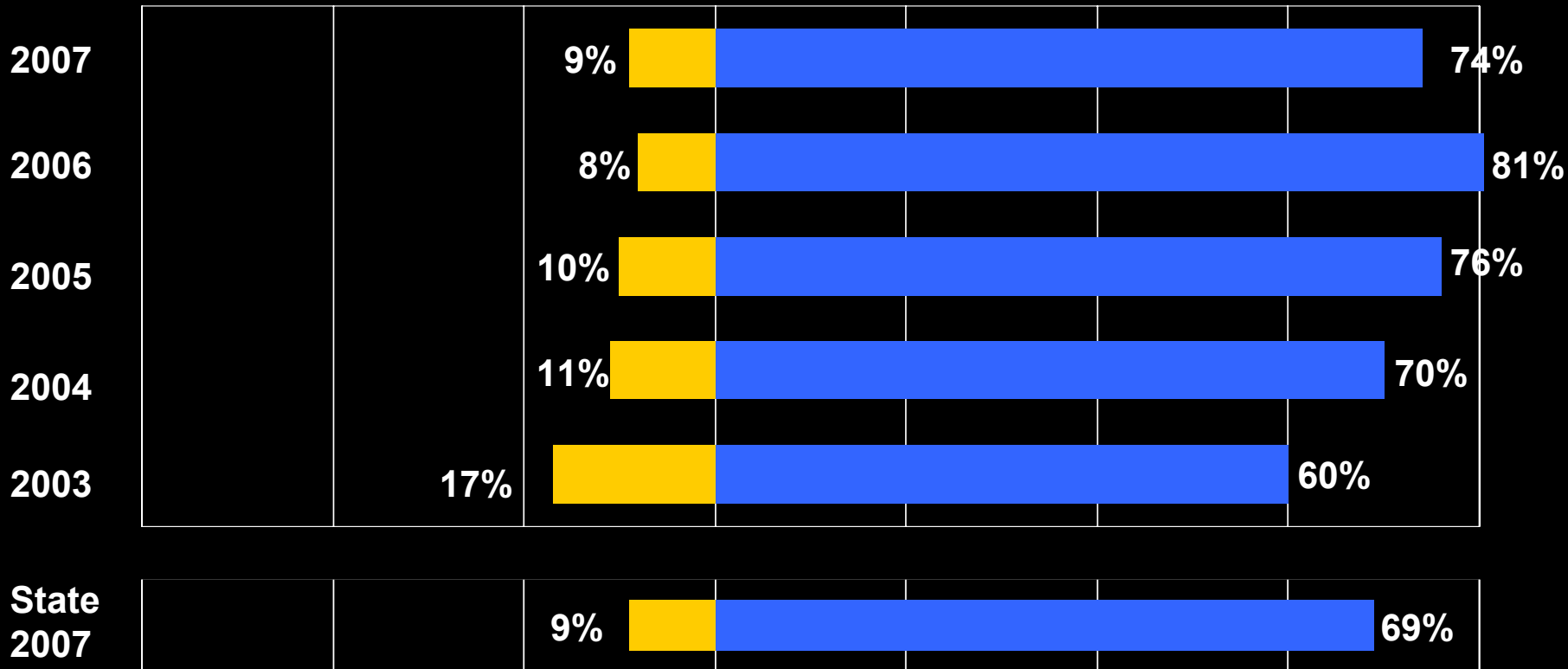
■ Conventions 8 pts.	7.3	7.5	7.5	7.6	8.0	7.2
■ Topic / Idea 12 pts.	7.6	8.1	8.4	8.0	7.3	7.5

Grade 10 MCAS Performance Level Results

Mathematics

Failing

Advanced or Proficient



Competency Determination

- Includes MCAS tests in English Language Arts and Mathematics
- Students must attain the *Needs Improvement* Level (220) or above on each test
- Students will have five opportunities to retake either test prior to graduation if they do not pass on the first attempt in the spring of tenth grade
- Retests occur in November and March of junior and senior years. A retest is also given in the summer following junior year.

Competency Determination Current Status

	Passed Both Tests		Passed Only ELA		Passed Only Math		Didn't Pass Either Test		Transfers Other Schools (no scores)		Total
Class of 2008	301	98.5%*	1	.3%	1	.3%	2	.6%	1	.3%	306
Class of 2009	260	88%#	12	4%	3	1%	6	2%	13	5%	295

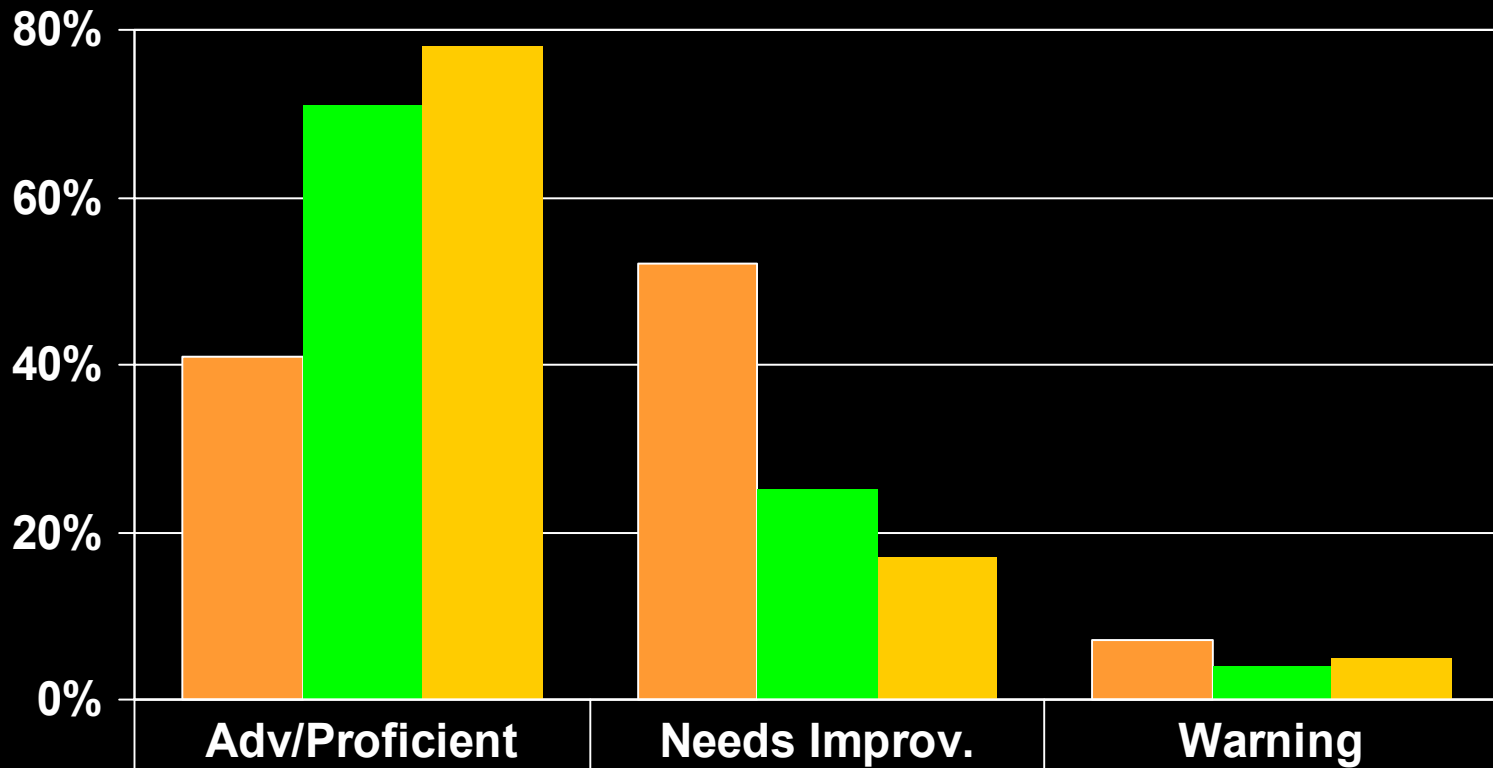
* These are the current seniors.
One year ago this figure for the senior class was 98%

These are the current juniors.
One year ago this figure for the junior class was 85%

Highlights / Trends

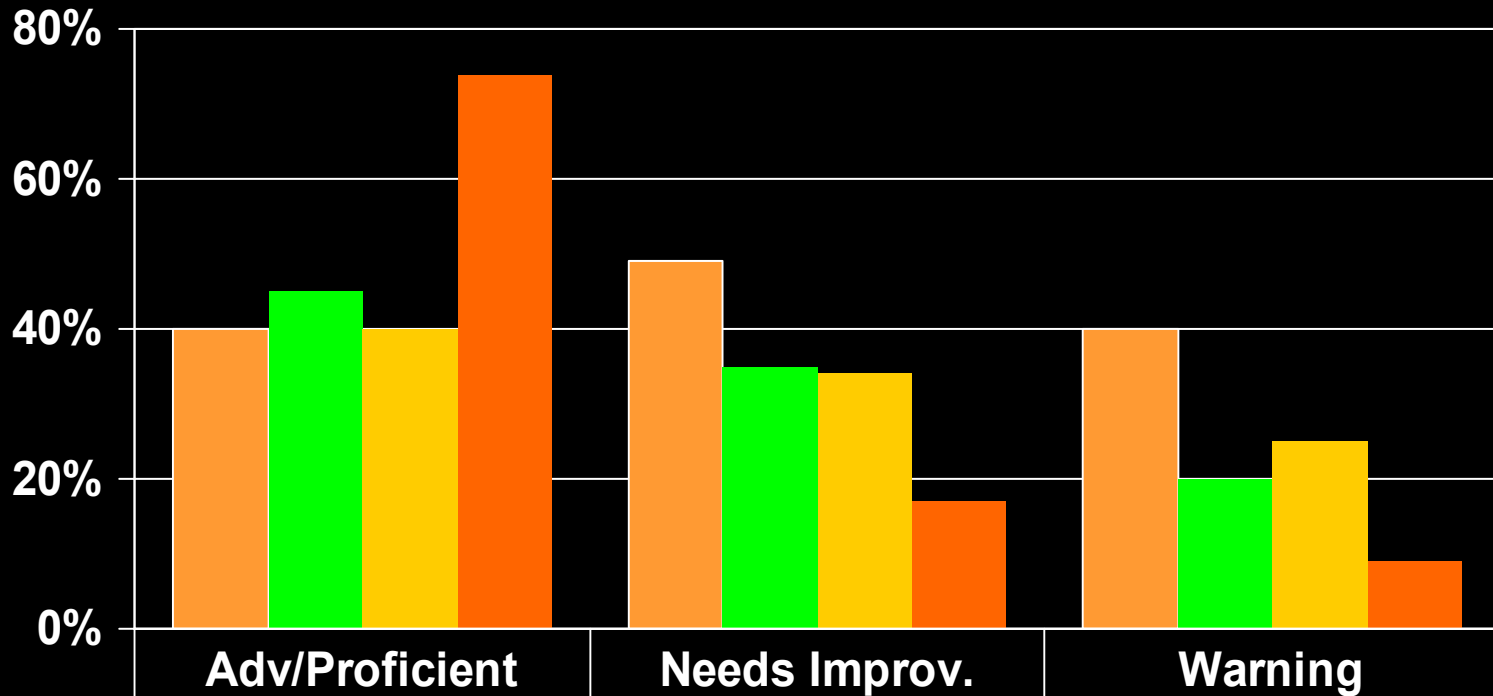
- In 2006, we began giving both English Language Arts tests and Mathematics tests to every grade level.
- This yearly testing has enabled us to track groups of students over time to determine areas of improvement.
- The following tracks English Language Arts and Mathematics performance for the classes of 2011 (freshman), 2010 (sophomores), 2009 (freshman).

Class of 2009 MCAS Cohort English Language Arts



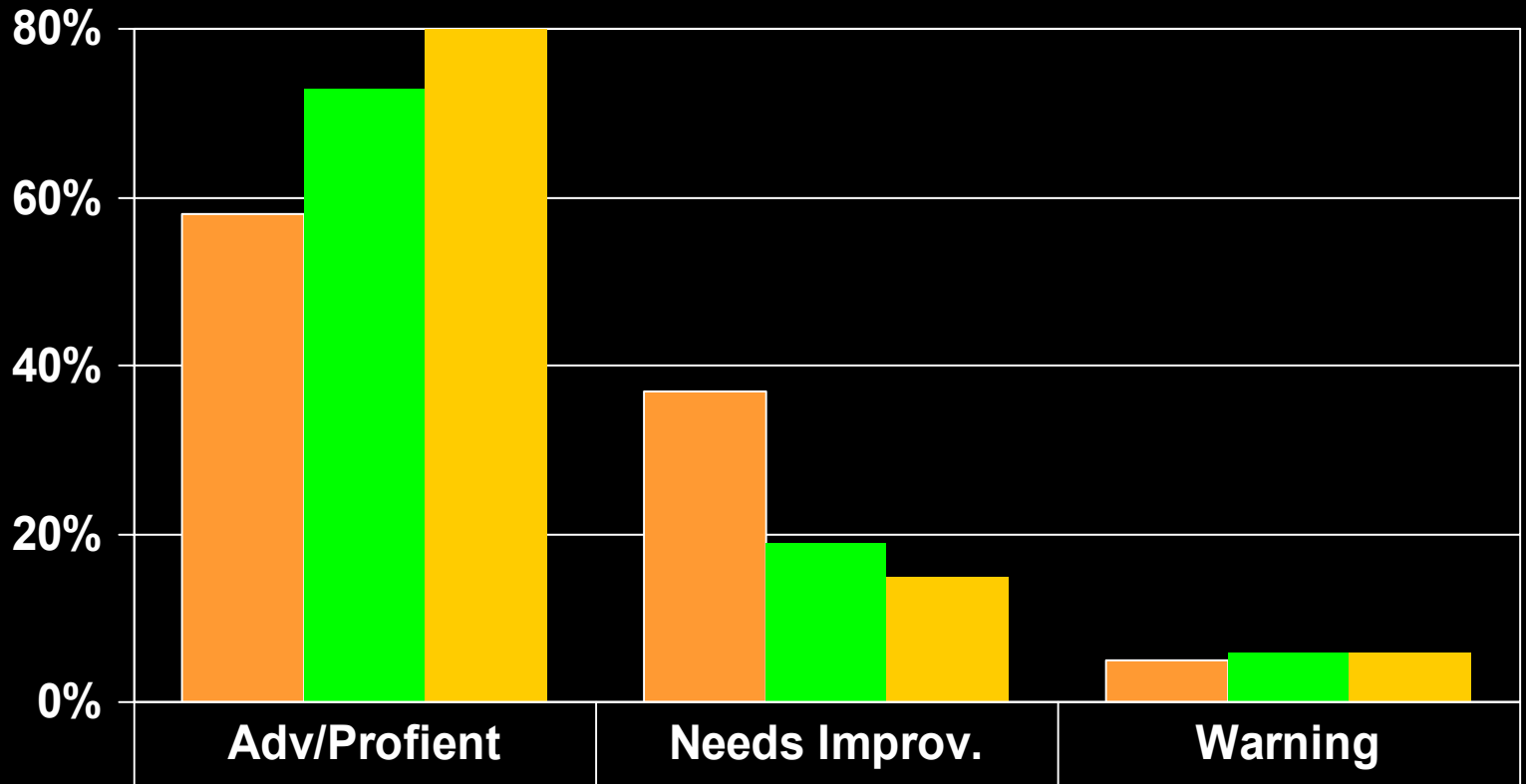
■ 2001 Grade 4	41%	52%	7%
■ 2004 Grade 7	71%	25%	4%
■ 2007 Grade 10	78%	17%	5%

Class of 2009 MCAS Cohort Mathematics



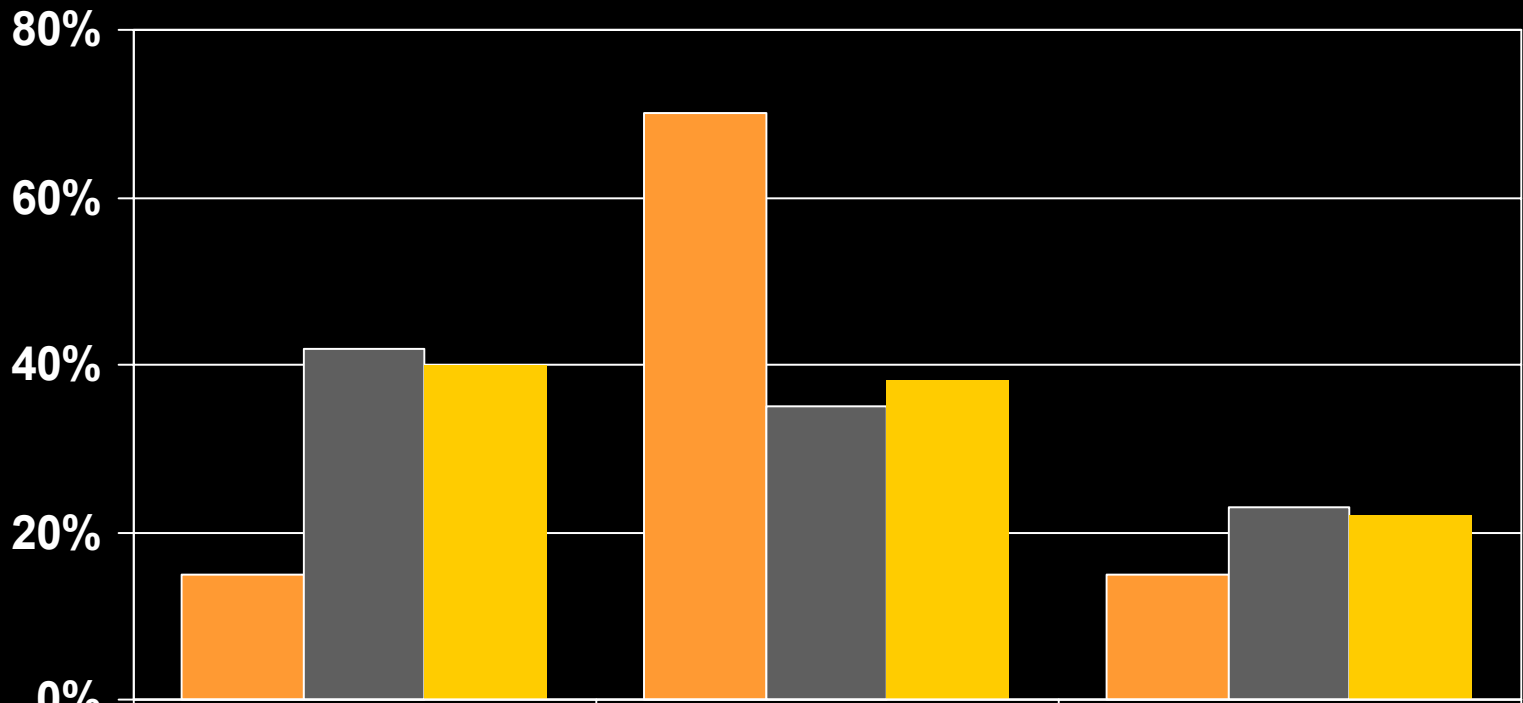
2001 Grade 4	40%	49%	40%
2003 Grade 6	45%	35%	20%
2005 Grade 8	40%	34%	25%
2007 Grade 10	74%	17%	9%

Class of 2010 MCAS Cohort English Language Arts



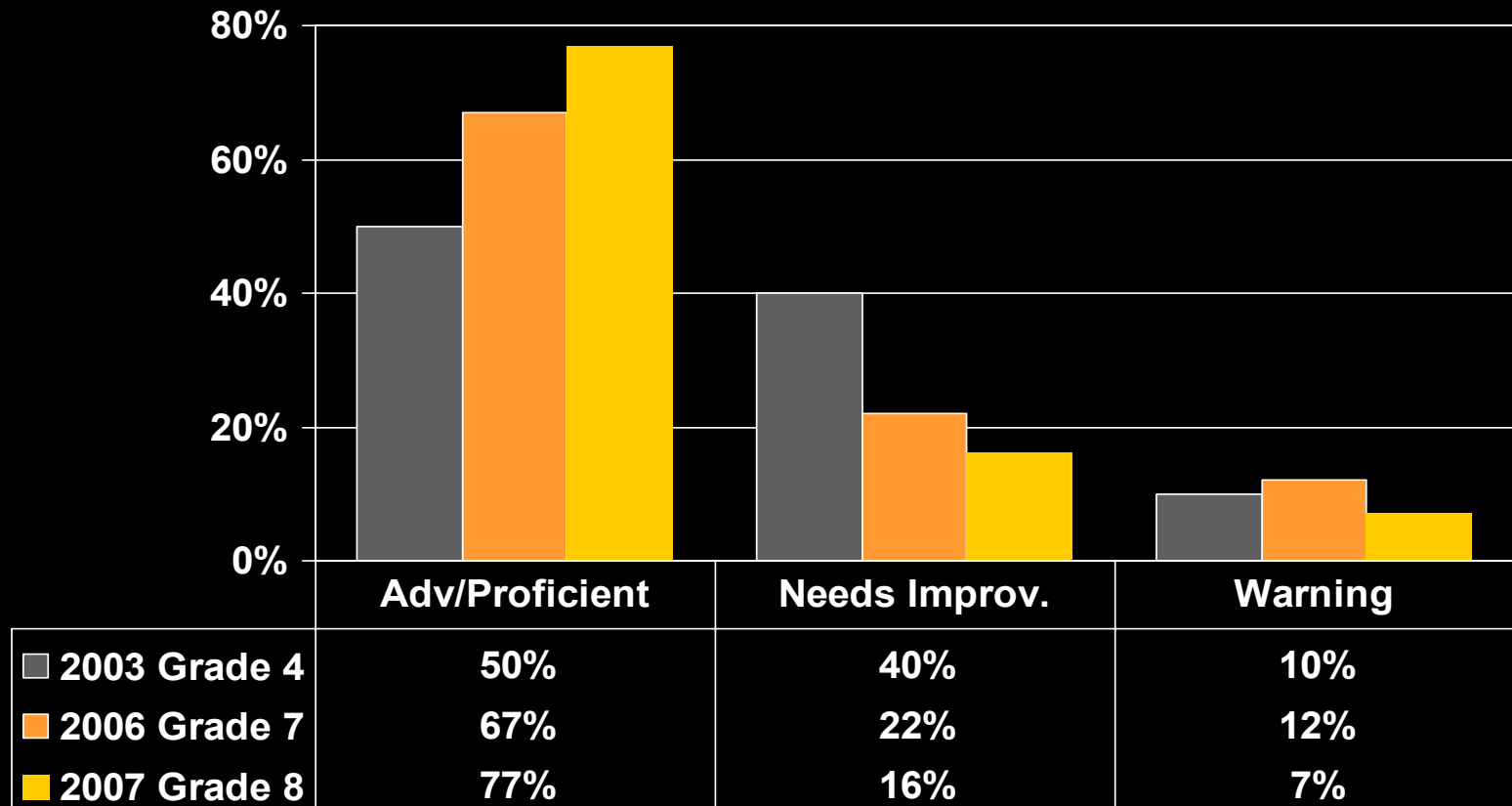
2002 Grade 4	58%	37%	5%
2005 Grade 7	73%	19%	6%
2006 Grade 8	80%	15%	6%

Class of 2010 MCAS Cohort Mathematics

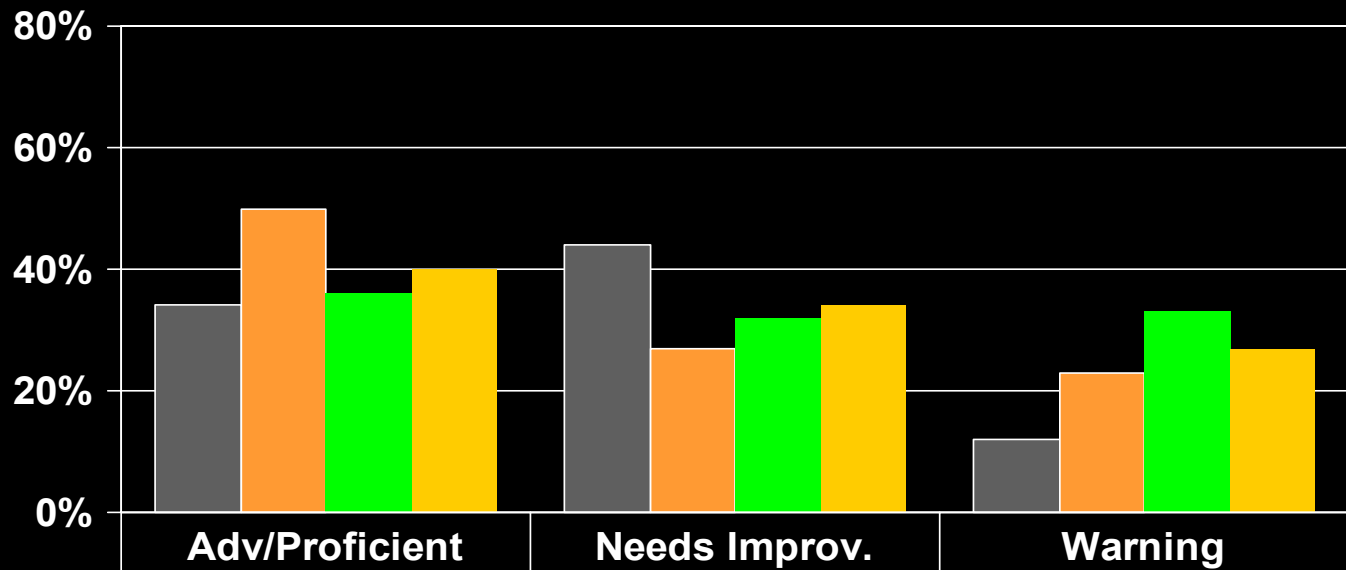


	Adv/Proficient	Needs Improv.	Warning
2002 Grade 4	15%	70%	15%
2004 Grade 6	42%	35%	23%
2006 Grade 8	40%	38%	22%

Class of 2011 MCAS Cohort English Language Arts



Class of 2011 MCAS Cohort Mathematics



	Adv/Proficient	Needs Improv.	Warning
■ 2003 Grade 4	34%	44%	12%
■ 2005 Grade 6	50%	27%	23%
■ 2006 Grade 7	36%	32%	33%
■ 2007 Grade 8	40%	34%	27%

*2007 Summary of Advanced/Proficient Scores
Compared to State Averages*

Grade	ELA	Math	Science	Writing
3	Above	Above	N/A	N/A
4	Above	Above	N/A	Above
5	Above	Above	Below	N/A
6	Above	Below	N/A	N/A
7	At	Below	N/A	Below
8	At	Below	Below	N/A
10	Above	Above	N/A	Above

What's being done to improve student performance in...

- **Mathematics (MS)**

- Everyday Math introduced in Grade 6 this year.
- Trimester assessments tied to small group instruction.
- Before/After school math instruction.
- Professional development for teachers on using data.
- Extended Learning Day planning.















- **Science**

- Elementary engineering standards focus for Integrated Arts Grant.
- STEM initiative focusing on the engineering standards at the Middle School.
- Professional Development for teachers through STEM and CMPSIE.

What's being done to improve student performance in ELA...

- **Reading (Elementary)**
 - 3-Tiered Model of Reading Instruction tied to use of data for instructional planning.
- **Reading (MS)**
 - Restructuring of Reading program in Grades 6-8 based on data analysis.
 - Implementation of 3-Key model for Comprehension in all content areas and writing improvement.

What will be tested in spring 2008?

Content Area	Grade Level									
	3	4	5	6	7	8	9	10	11	
Reading										
English Language Arts									retests	
Mathematics									retests	
Science & Technology/Engineering							End-of-course Assessments			
History & Social Science										

Beverly Public Schools



This presentation is posted on our
website

www.beverlyschools.org