

Beverly Public Schools



MCAS

2002 – 2006

November 2006

What was tested in 2006?

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, 6, 8 and 10 exceed the state performance.
 - The percentage of advanced/proficient students in Grade 3 exceeds the percentage of advanced/proficient students at the state level by 7%. This is an increase of 2% from 2005.
 - 67% of Grade 6 students received either advanced or proficient ratings in English Language Arts (240 or higher). This is 3% higher than the state average.
 - 80% of Grade 8 and 10 students received advanced or proficient scores in English Language Arts. This is 6% higher at Grade 8 and 11% higher at Grade 10 than the state average.
 - Grades 7 and 10 exceeded the state average for the number of points attained in the writing composition.
 - Grades 3, 6, and 10 exceeded the state average for the number of points attained in Open Response questions.

Highlights / Trends

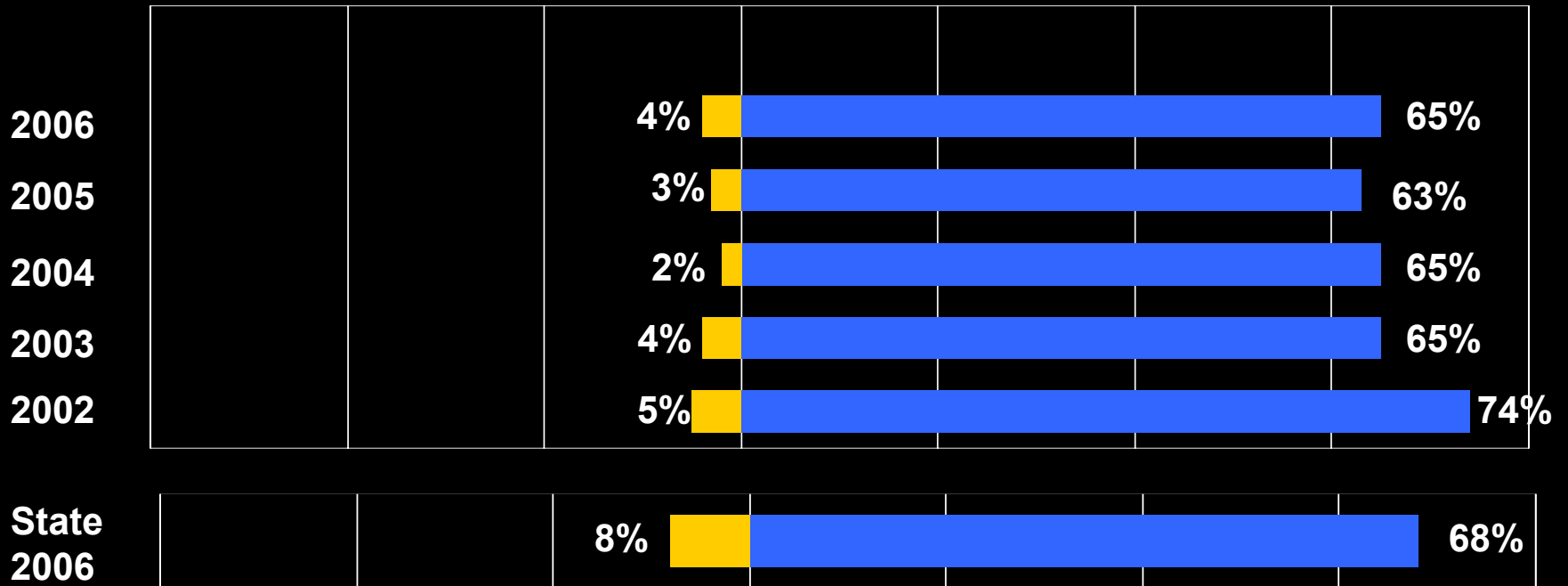
- Results in Mathematics for grades 3 and 10 are significant:
 - 81% of the Grade 10 students received advanced/proficient scores in mathematics. This is an increase of 5% from 2005 and 11% from 2004.
 - The percentage of students who scored in the advanced and proficient category in mathematics in Grade 10 exceeded the state average by 14%.
 - The percentage of students in Grade 10 who scored in the Advanced category increased by 13% from 2005 to 2006.
 - 62% of the students in Grade 3 scored in the advanced and proficient range. They exceeded the state average by 10%.
- The percentage of sophomores (class of 2008) 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

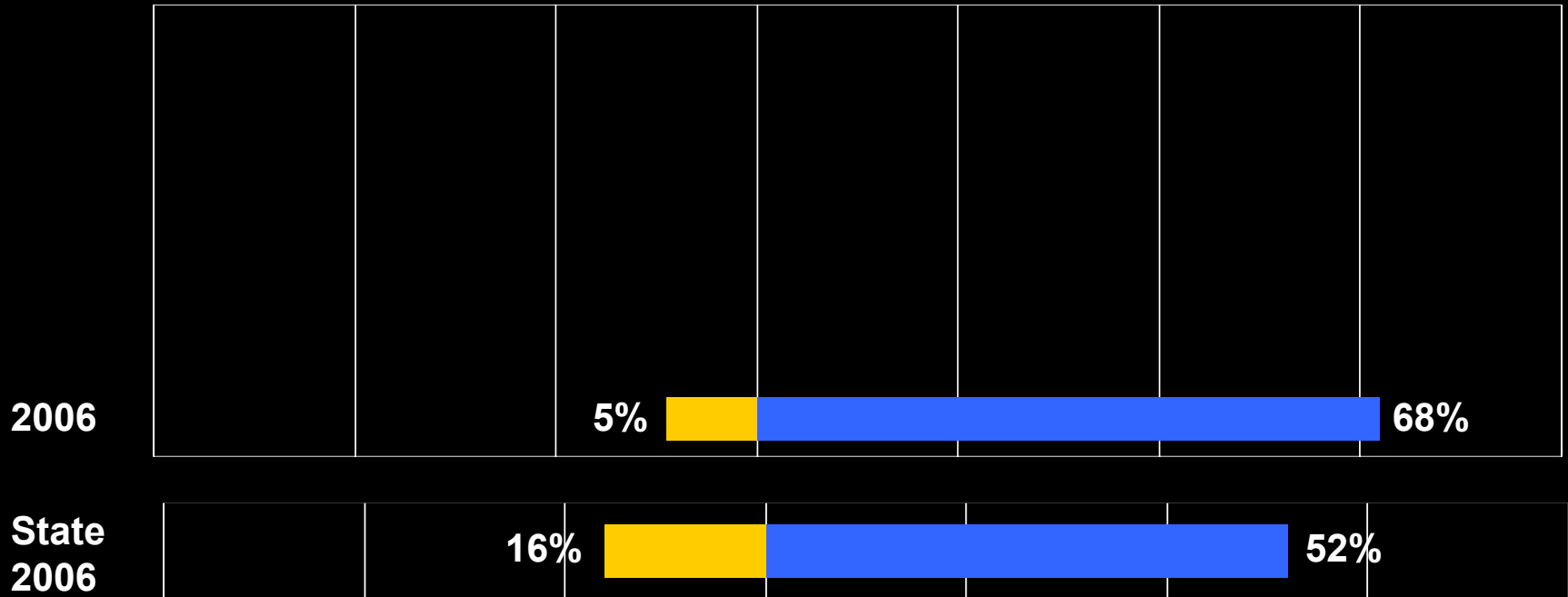


Grade 3 MCAS Performance Level Results

Mathematics

Warning

Proficient

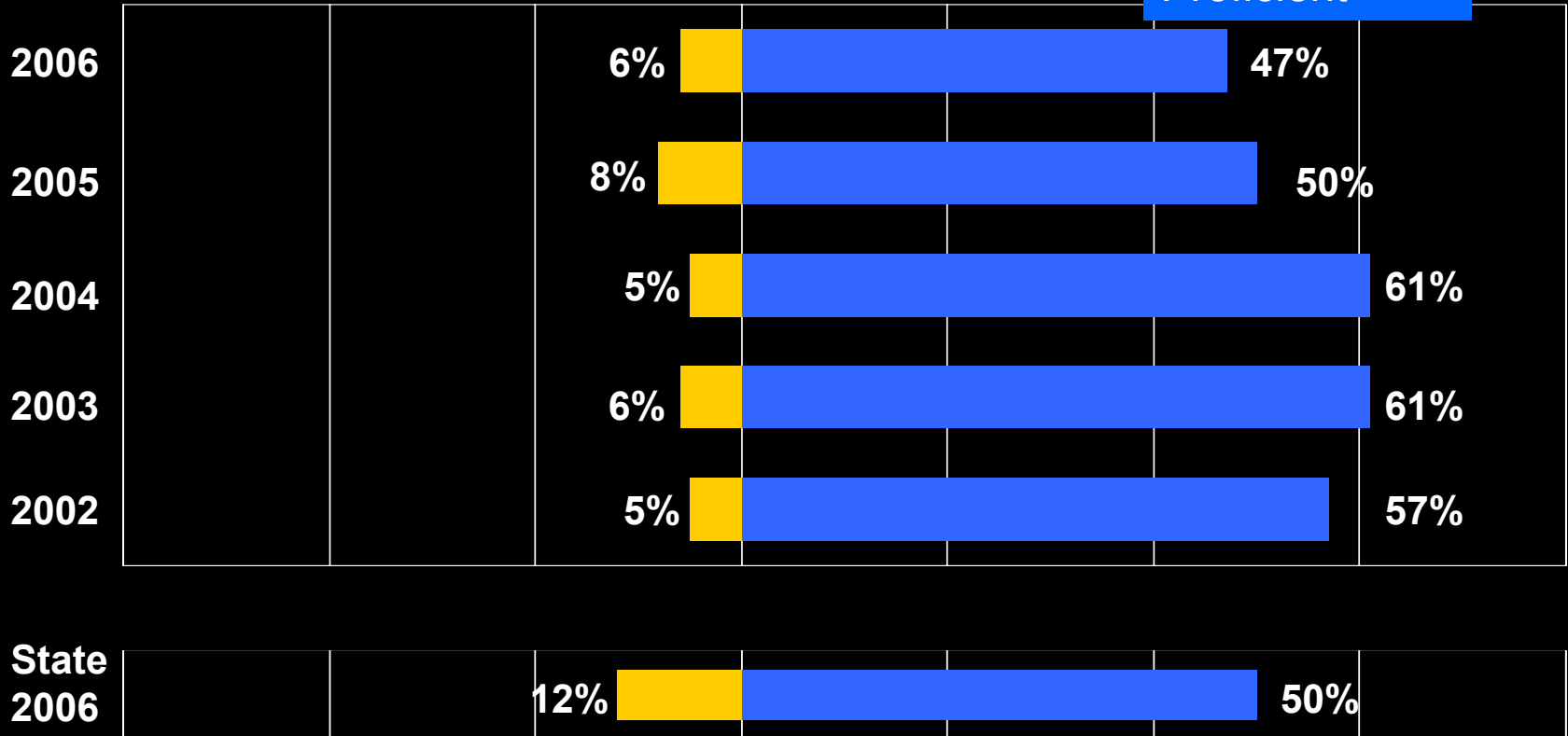


Grade 4 MCAS Performance Level Results

English Language Arts

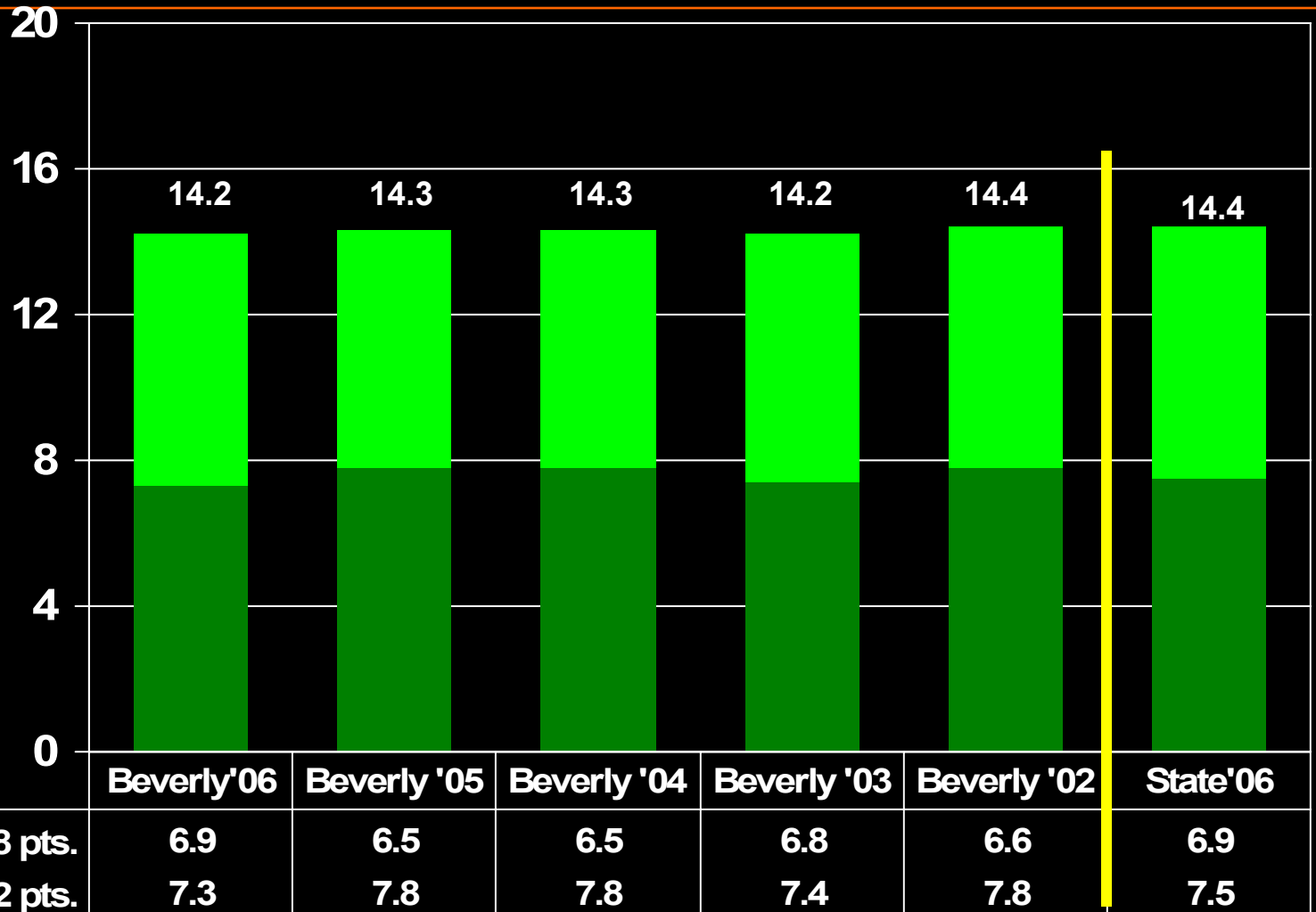
Warning

Advanced or Proficient



Grade 4 Writing Composition Score Analysis

English Language Arts



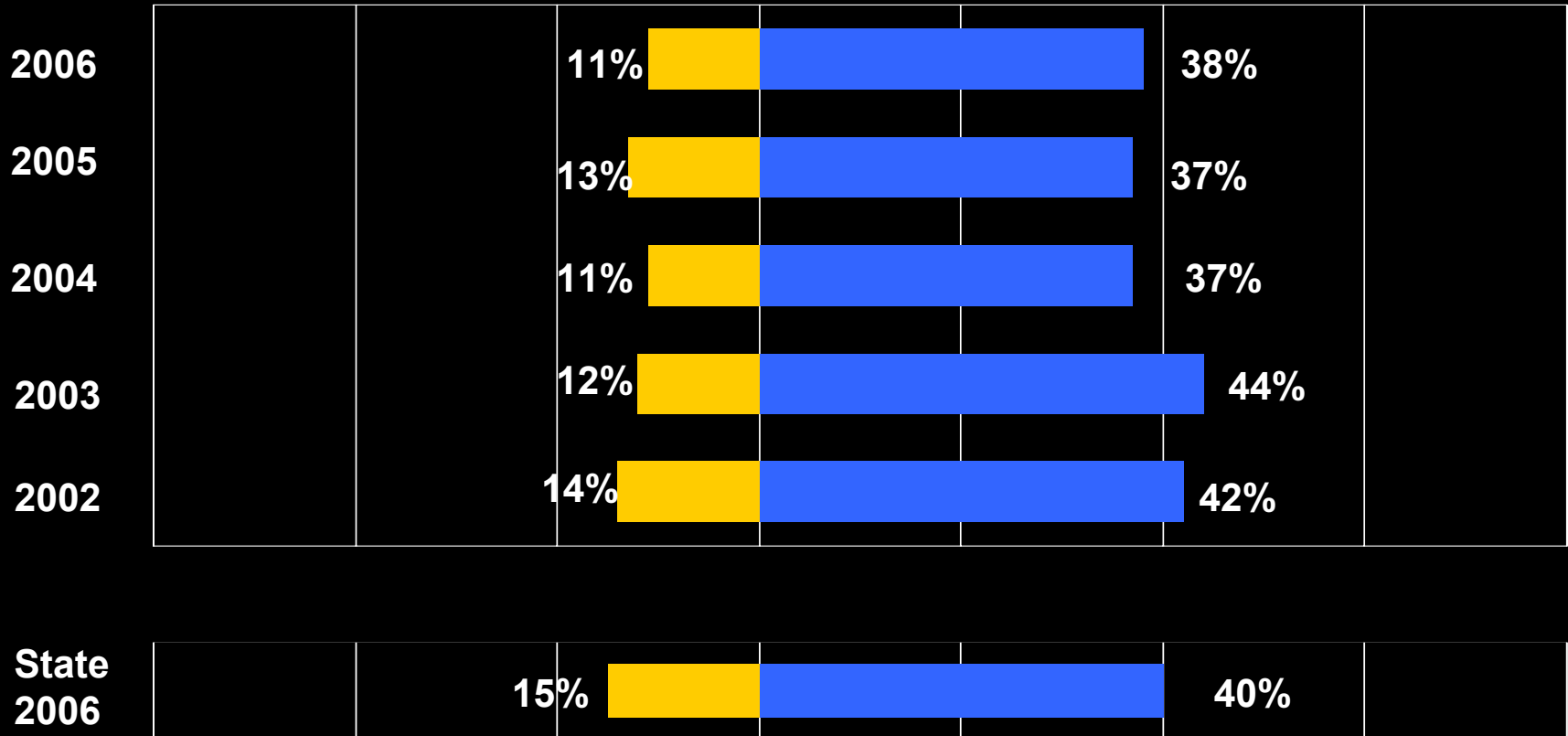
■ Conventions 8 pts.
■ Topic / Idea 12 pts.

Grade 4 MCAS Performance Level Results

Warning

Mathematics

Advanced or Proficient



Grade 5 MCAS Performance Level Results

English Language Arts

Warning

Advanced or Proficient

2006



State
2006



Grade 5 MCAS Performance Level Results

Mathematics

Warning

Advanced or
Proficient

2006



State
2006

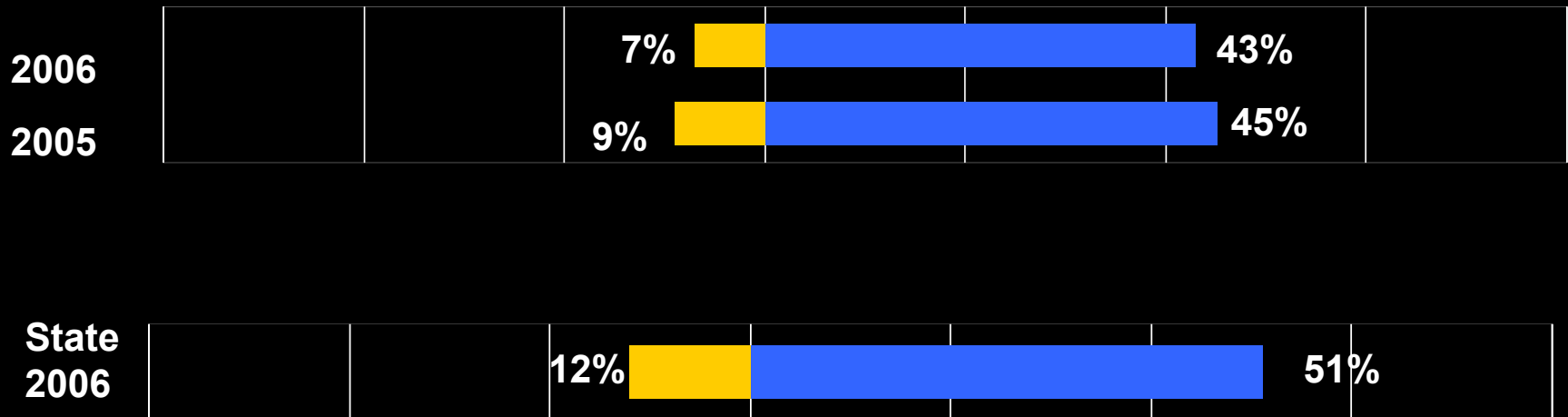


Grade 5 MCAS Performance Level Results

Warning

Science &
Technology/Engineering

Advanced or
Proficient



Grade 6 MCAS Performance Level Results

English Language Arts

Warning

Advanced or
Proficient

2006



State
2006

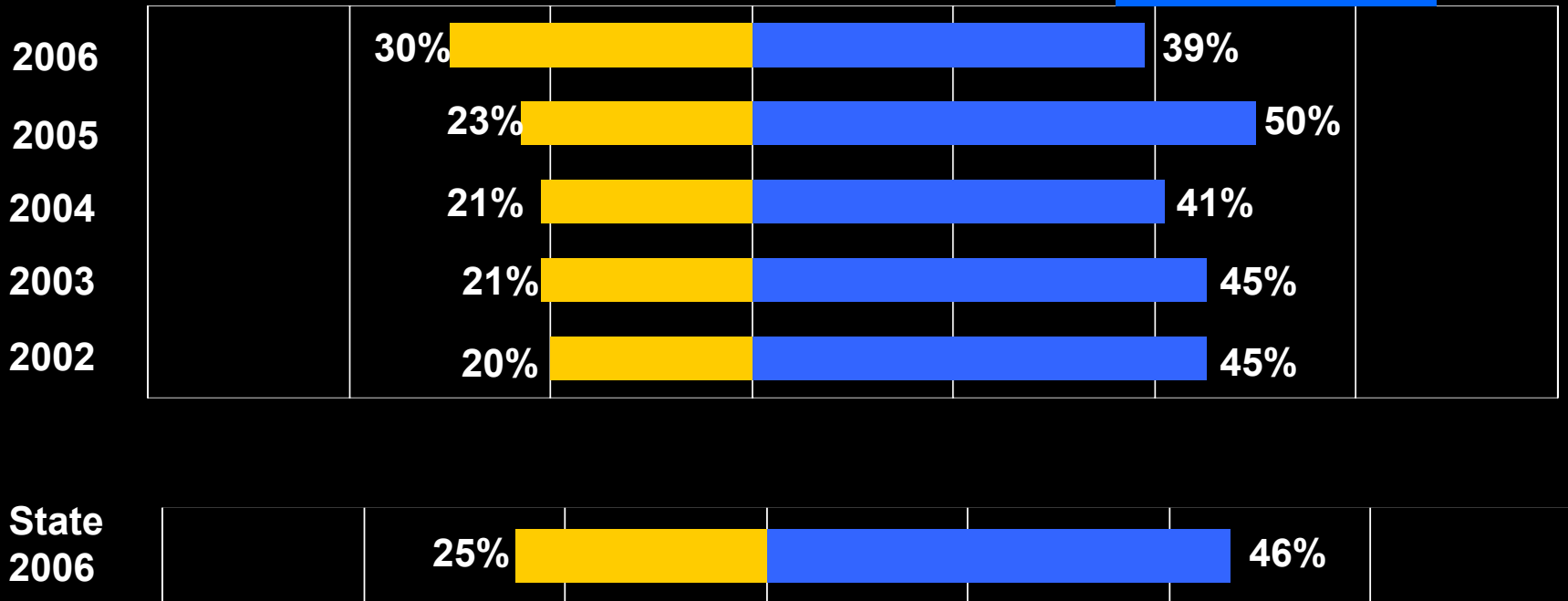


Grade 6 MCAS Performance Level Results

Warning

Mathematics

Advanced or
Proficient

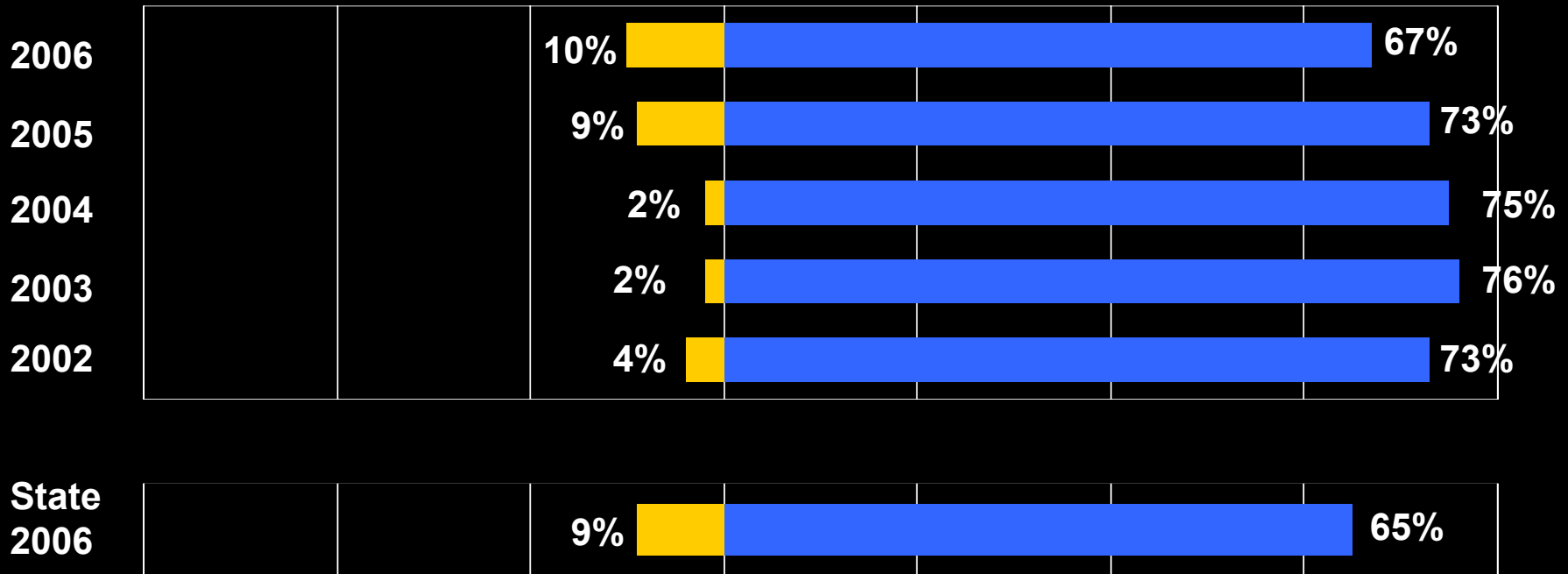


Grade 7 MCAS Performance Level Results

Warning

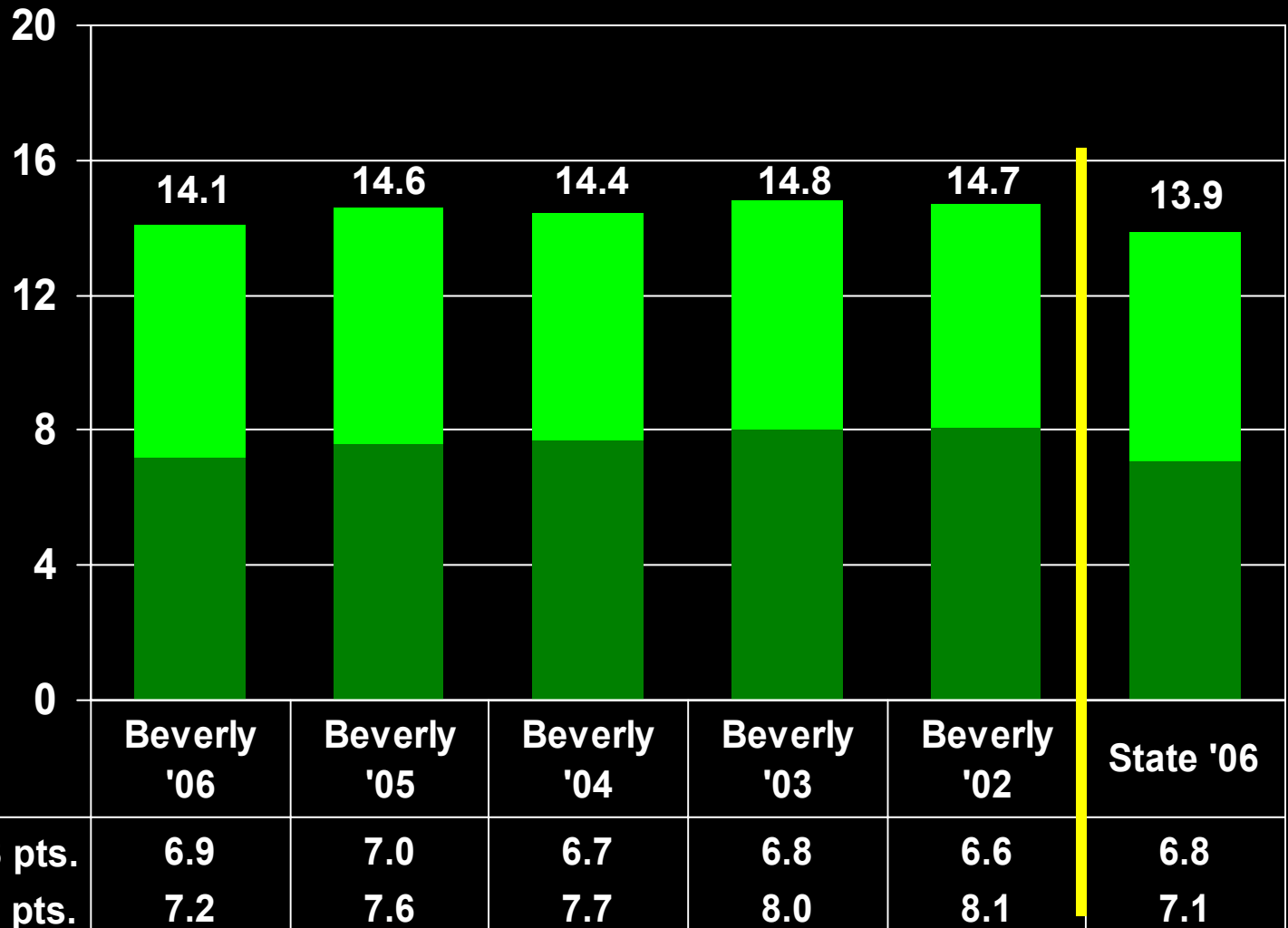
English Language Arts

Advanced or
Proficient



Grade 7 Writing Composition Score Analysis

English Language Arts



Grade 7 MCAS Performance Level Results

Mathematics

Warning

Advanced or
Proficient

2006

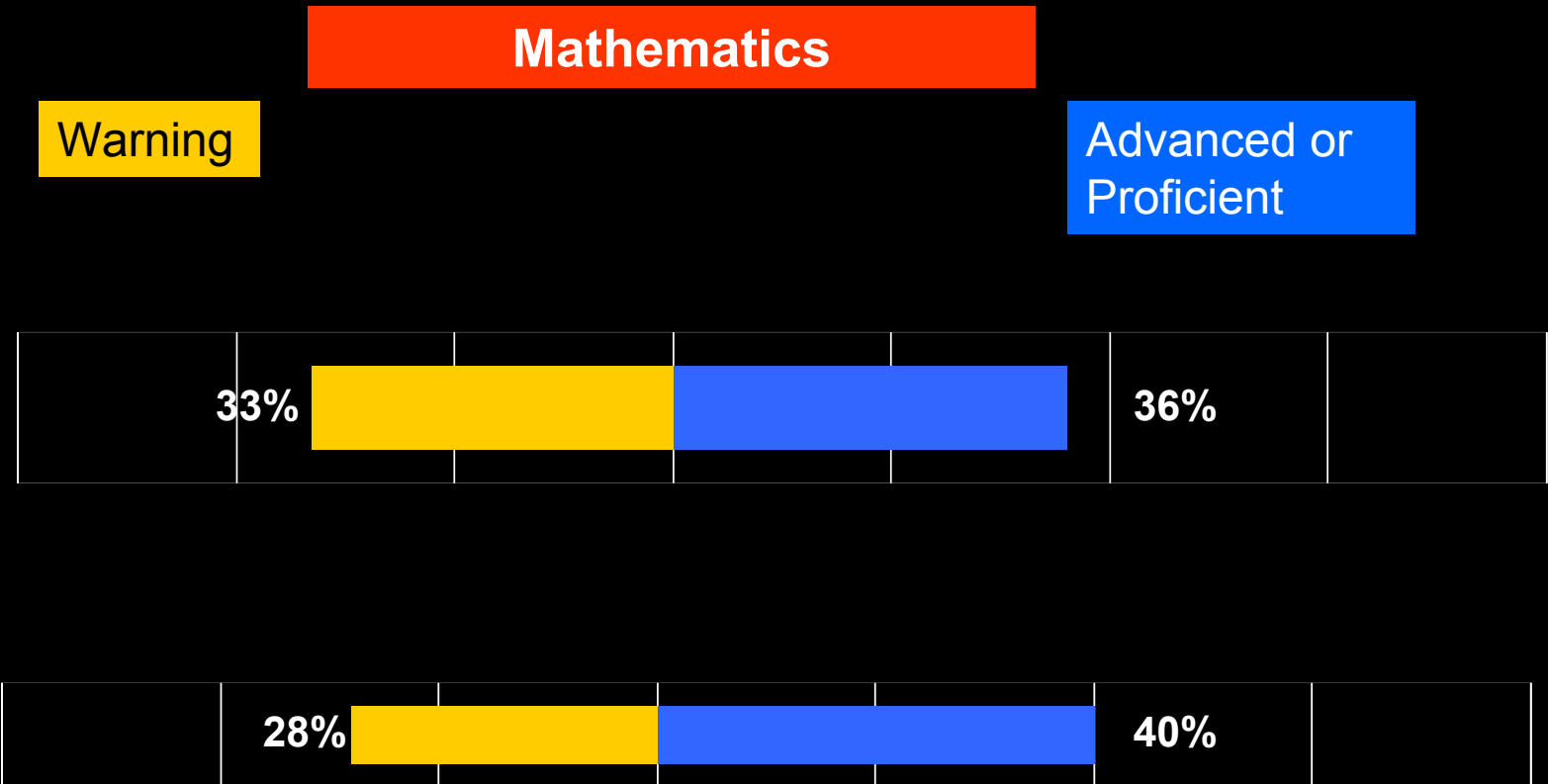
33%

36%

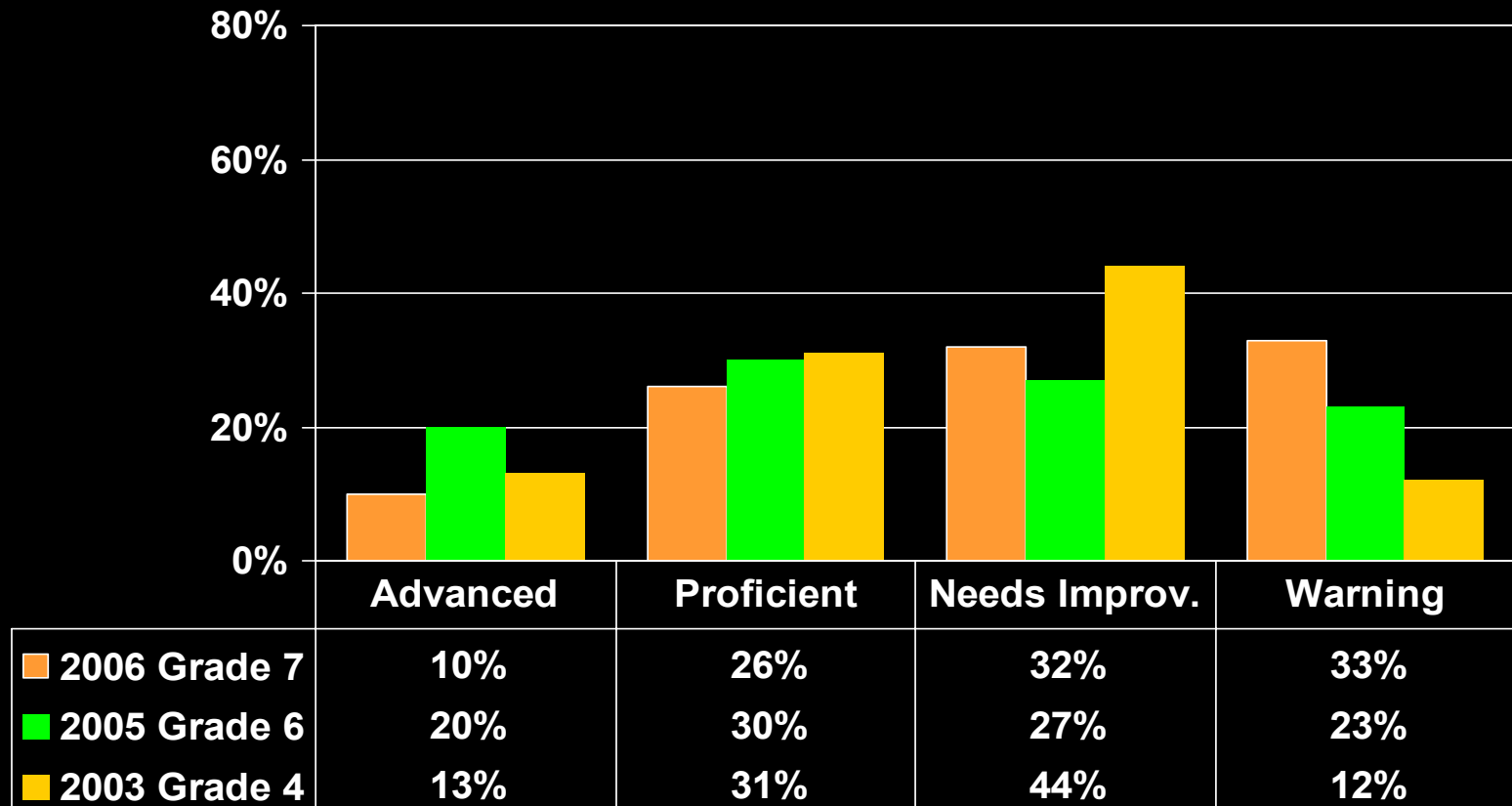
State
2006

28%

40%



Class of 2011 MCAS Cohort Mathematics



Grade 8 MCAS Performance Level Results

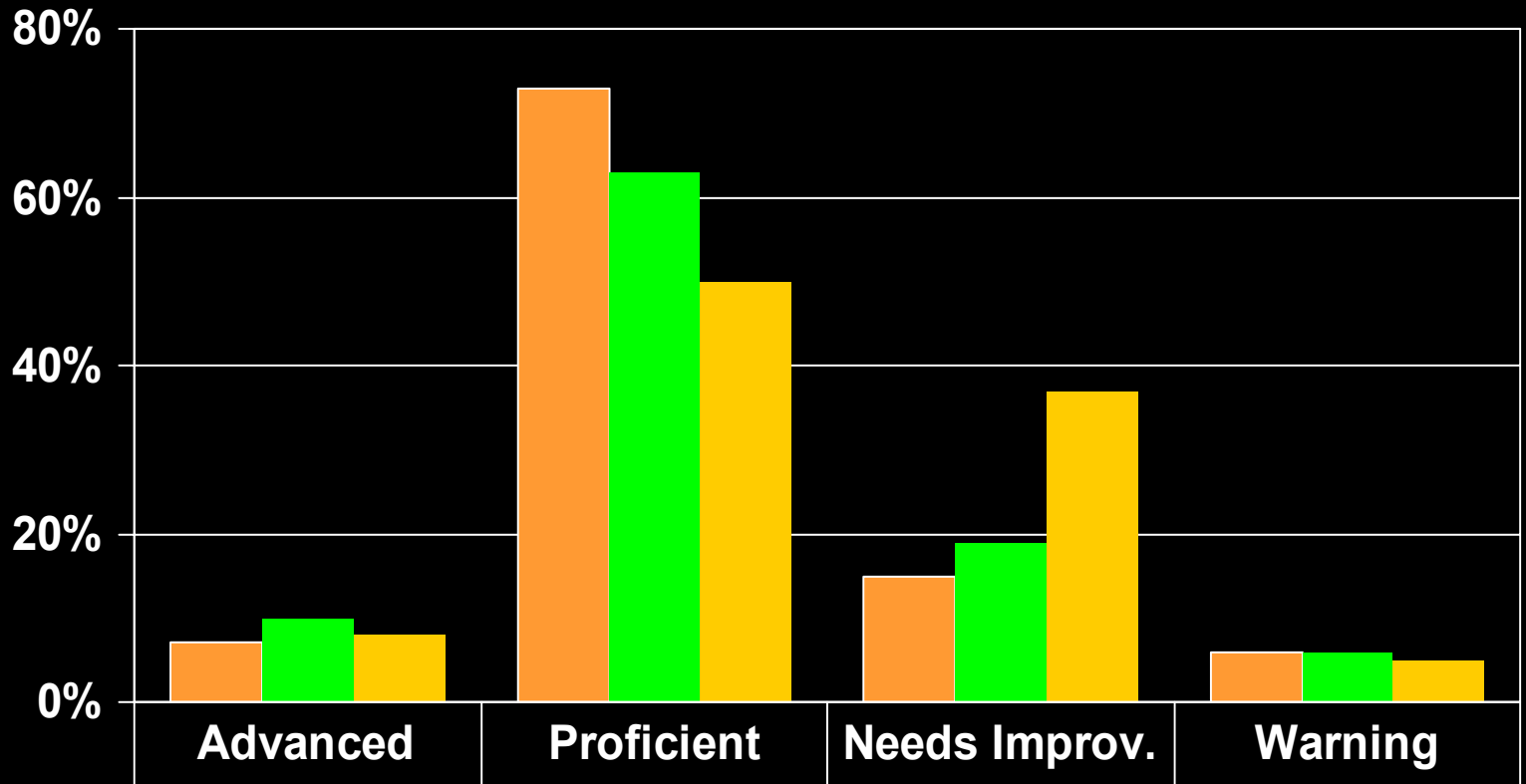
English Language Arts

Warning

Advanced or Proficient



Class of 2010 MCAS Cohort English Language Arts



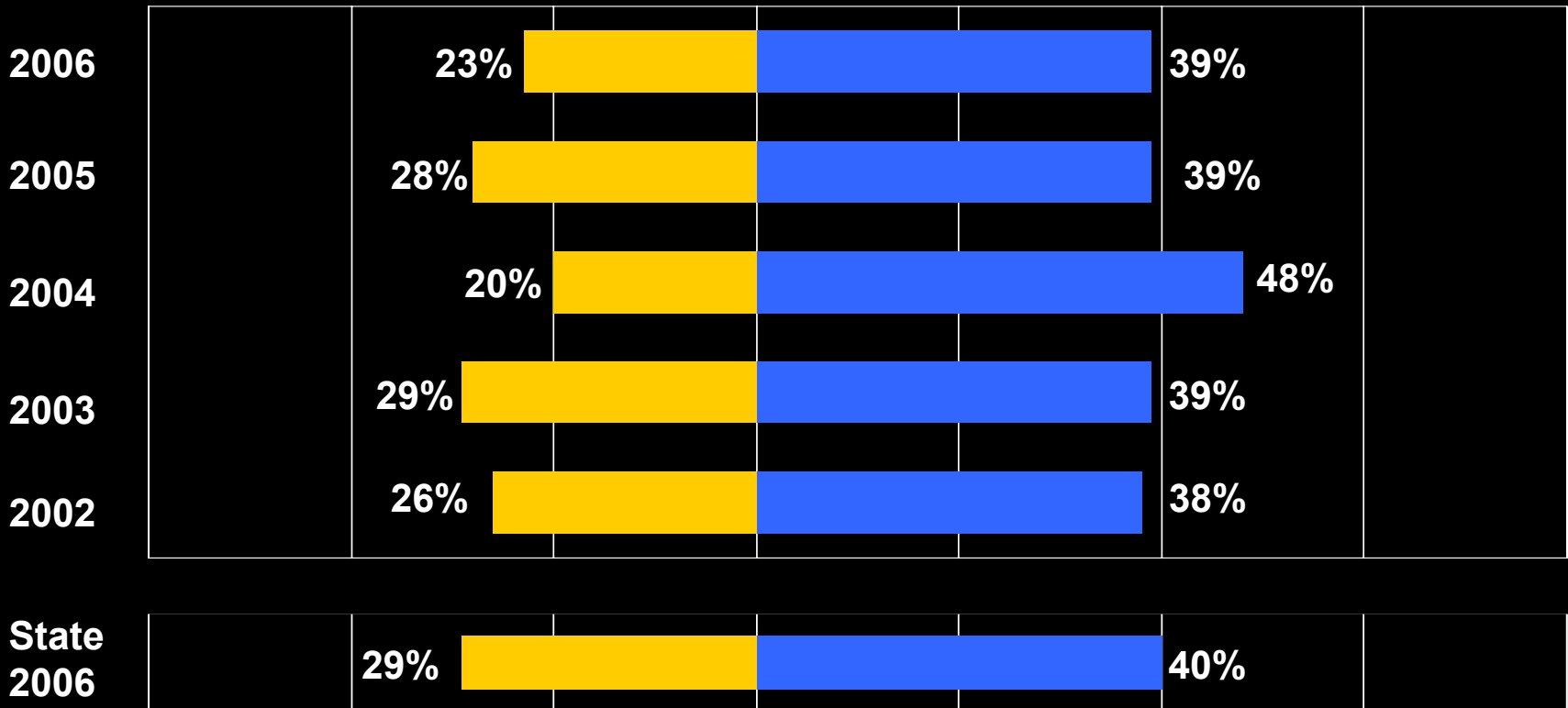
2006 Grade 8	7%	73%	15%	6%
2005 Grade 7	10%	63%	19%	6%
2002 Grade 4	8%	50%	37%	5%

Grade 8 MCAS Performance Level Results

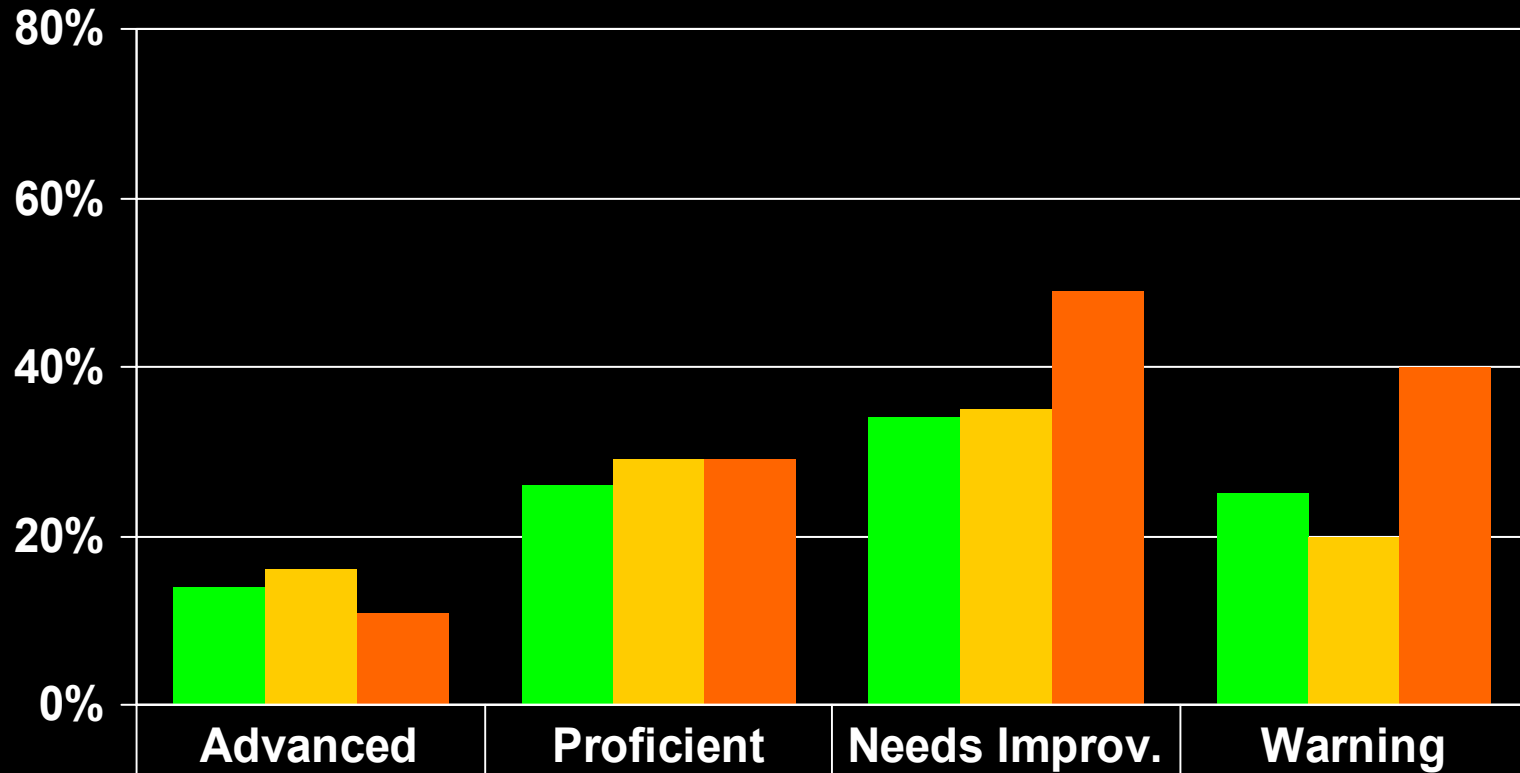
Mathematics

Warning

Advanced or Proficient



Class of 2009 MCAS Cohort Mathematics



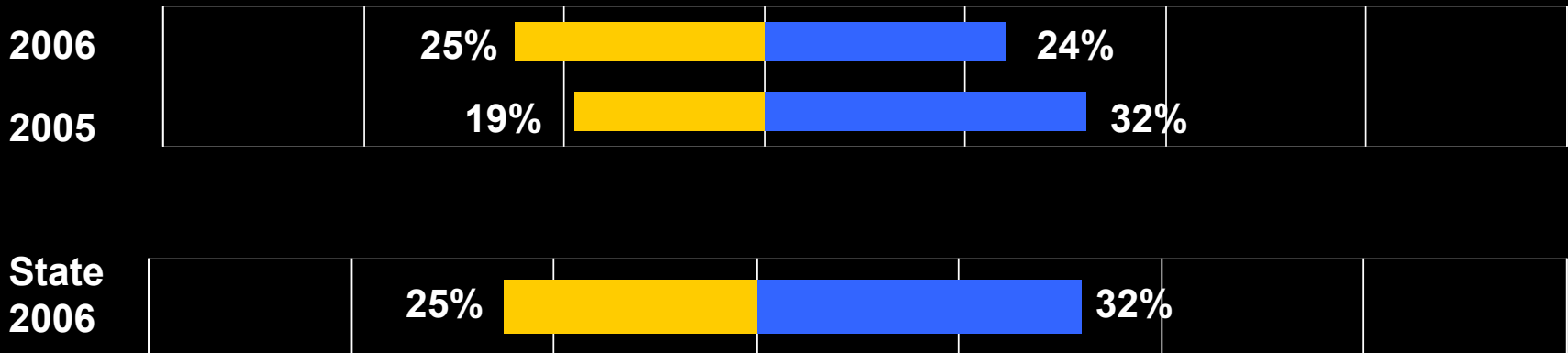
■ 2005 Grade 8	14%	26%	34%	25%
■ 2003 Grade 6	16%	29%	35%	20%
■ 2001 Grade 4	11%	29%	49%	40%

Grade 8 MCAS Performance Level Results

Warning

Science &
Technology/Engineering

Advanced or
Proficient

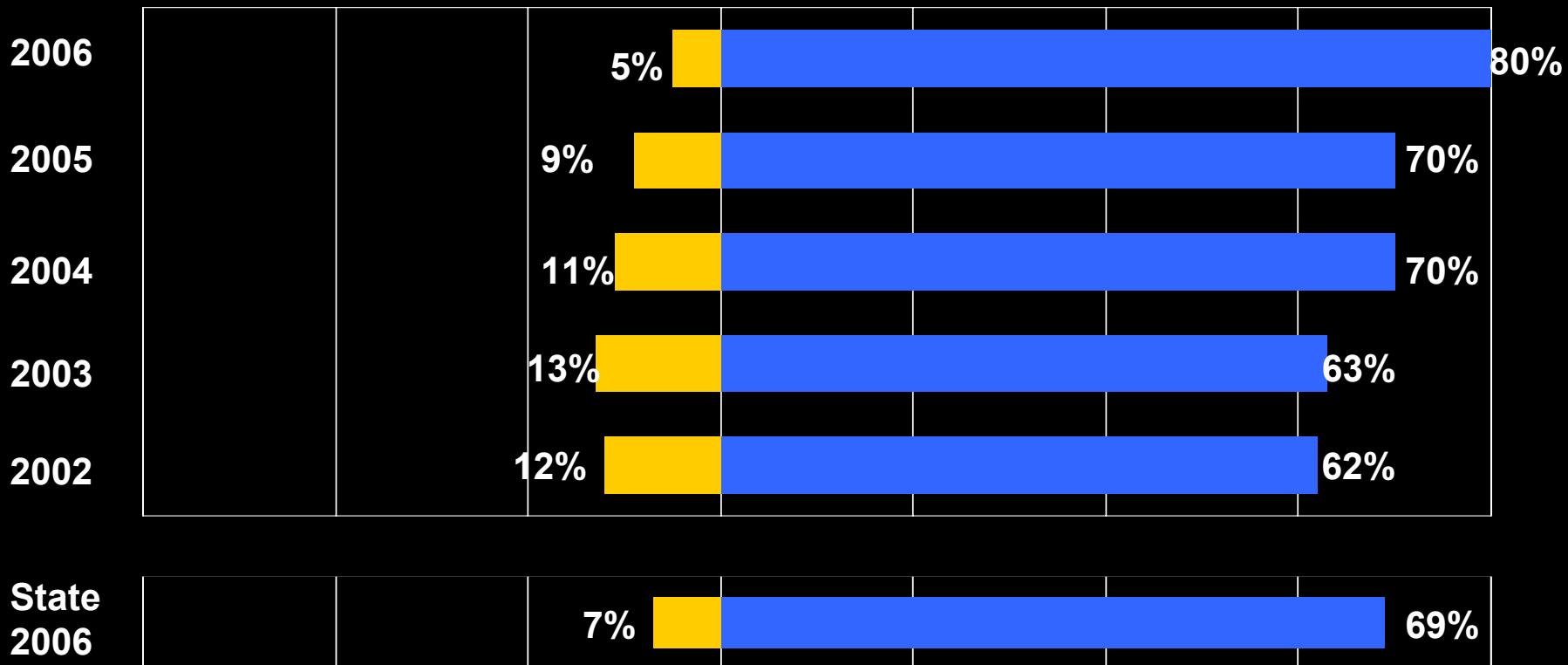


Grade 10 MCAS Performance Level Results

English Language Arts

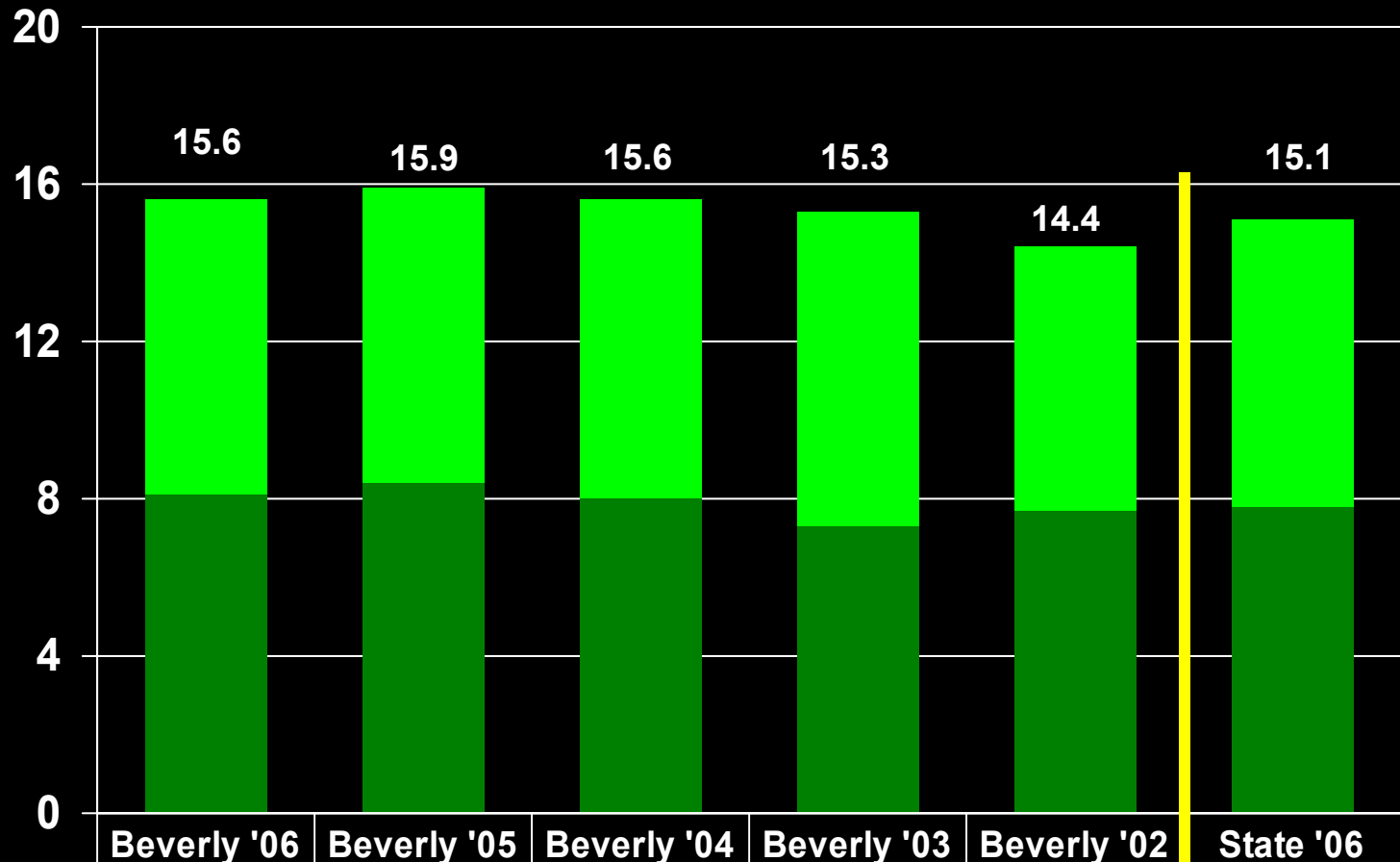
Failing

Advanced or Proficient



Grade 10 Writing Composition Score Analysis

English Language Arts



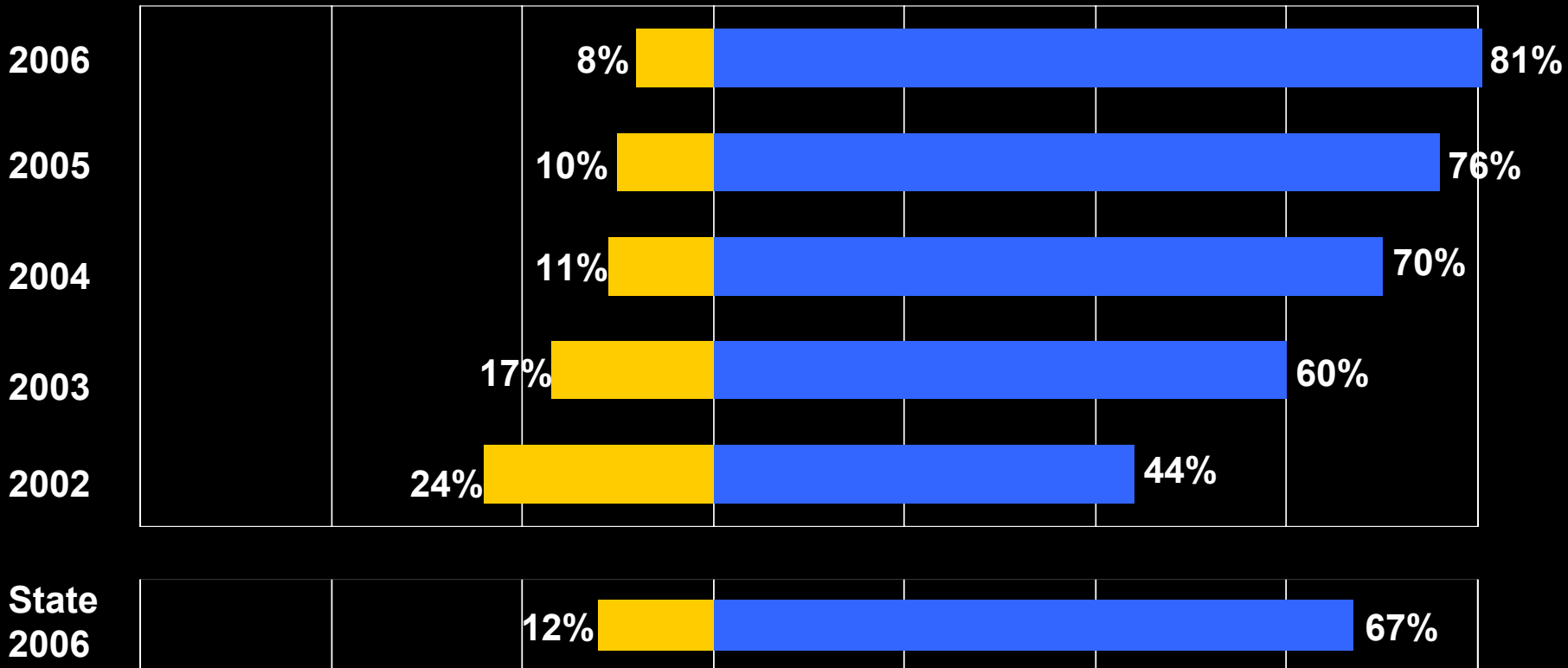
■ Conventions 8 pts.	7.5	7.5	7.6	8.0	6.7	7.3
■ Topic / Idea 12 pts.	8.1	8.4	8.0	7.3	7.7	7.8

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 2007	307	98% *	1	.3%	0	0%	3	.9%	2	.6%	313
Class of 2008	307	85% #	20	6%	3	1%	31	9%	0	0.0%	361

* These are the current seniors.
One year ago this figure for the senior class was 93%

These are the current juniors.
One year ago this figure for the junior class was 82%

















What's being done to improve student performance in Mathematics ?

- Consultant Teacher for Mathematics PreK-6
 - Modeling
 - Curriculum alignment
 - Professional Development
 - Parent Involvement
- Academic Division Leader for Math 7-12 and Science K-12.
- Professional Development
 - Math / Science
 - Content-related professional development
 - Staff Development Days
- Implementation of Everyday Math in grades K-5.
- Title I Math at Ayers, Hannah, McKeown, and North Beverly
- MCAS-type questions each week
- MCAS support during the school day
- Focus in science classes on math skills
- Academic Support Services grant
- School Council Goals (School Improvement Plans)
- Focus on internal assessment data to drive instruction.
- Parent Info Nights for K-5 on Everyday Math
- MAP testing in grades 4 & 6.
- Analysis of MCAS data
- Full year of Algebra I
- MCAS strategies/prep classes.

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

- Consultant Teacher for Literacy PreK-6
 - Modeling
 - Curriculum alignment
 - Professional Development
 - Parent Involvement
- Professional Development
 - Literacy
 - Content-related professional development
 - Staff Development Days
- District-wide focus on the improvement of Reading instruction at all levels.
- Adoption of elementary reading programs (Rigby Literacy K-3, Wilson Foundations K-3)
- Implementation of K Phonemic Awareness Curriculum
- Implementation of K-5 Spelling program
- Analysis of MCAS data
- MCAS-type questions each week
- Title I Reading at Ayers
- MCAS support during the school day
- Academic Support Services grant
- Focus on internal assessments to drive instruction.
- MAP testing in Grades 4&6.

What will be tested in spring 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 Assessments			
History & Social Science			Pilot Test		Pilot Test				U.S. History Pilot Test	

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