

# **Report on Spring 2009 MCAS Results to the Massachusetts Board of Elementary and Secondary Education**

September 22, 2009  
Malden

**Mitchell D. Chester**  
**Commissioner of Elementary and Secondary Education**

# Overview of Spring 2009 MCAS Test Administration

- Twelfth administration of spring MCAS tests
- 17 tests administered across:
  - grades 3-10
  - English language arts, mathematics, and science and technology/engineering (STE)

# Overview of Spring 2009 MCAS Test Administration

- 553,635 students tested in total
  - 8,732 students with significant disabilities participated via the MCAS Alternate Assessment
- Tests administered during
  - March (ELA)
  - May (math and gr. 5 & 8 STE)
  - June (high school STE)

# Faster Turnaround of Student Results in 2009

- Preliminary student level results from 2009 ELA MCAS exam provided to districts prior to the end of school year for first time
- Preliminary student results give districts additional time to plan curriculum and map out each student's instructional needs for the upcoming year
- Beginning next year, preliminary ELA results and math results (MC only) will be available to districts by end of June

# MCAS Spring 2010:

## Reduction in Time for Administration of Most Tests

While test administration remains untimed, tests were restructured to reduce estimated average testing time:

- English Language Arts (ELA) Reading Comprehension tests (grades 3-8) reduced from three 45-minute sessions to two 60-minute sessions;
- Mathematics (grades 3-6) and STE (grades 5 and 8) test sessions reduced from 60 to 45 minutes;
- Mathematics grades 7 and 8 reduced from 60 to 50 minutes

# 2009 MCAS Results: Highlights

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- Grade 10 students' performance improved overall and among subgroups
- 90% of class of 2010 has already passed the ELA, Mathematics and STE tests
- Proficiency gap has narrowed, but still remains
- ELA performance improved in most grades and for all subgroups
- Middle School mathematics needs attention
  - Fewer than half of all students statewide scored *Proficient* or higher in grades 7 and 8
- Formerly Limited English Proficient (FLEP) students continue to make strides

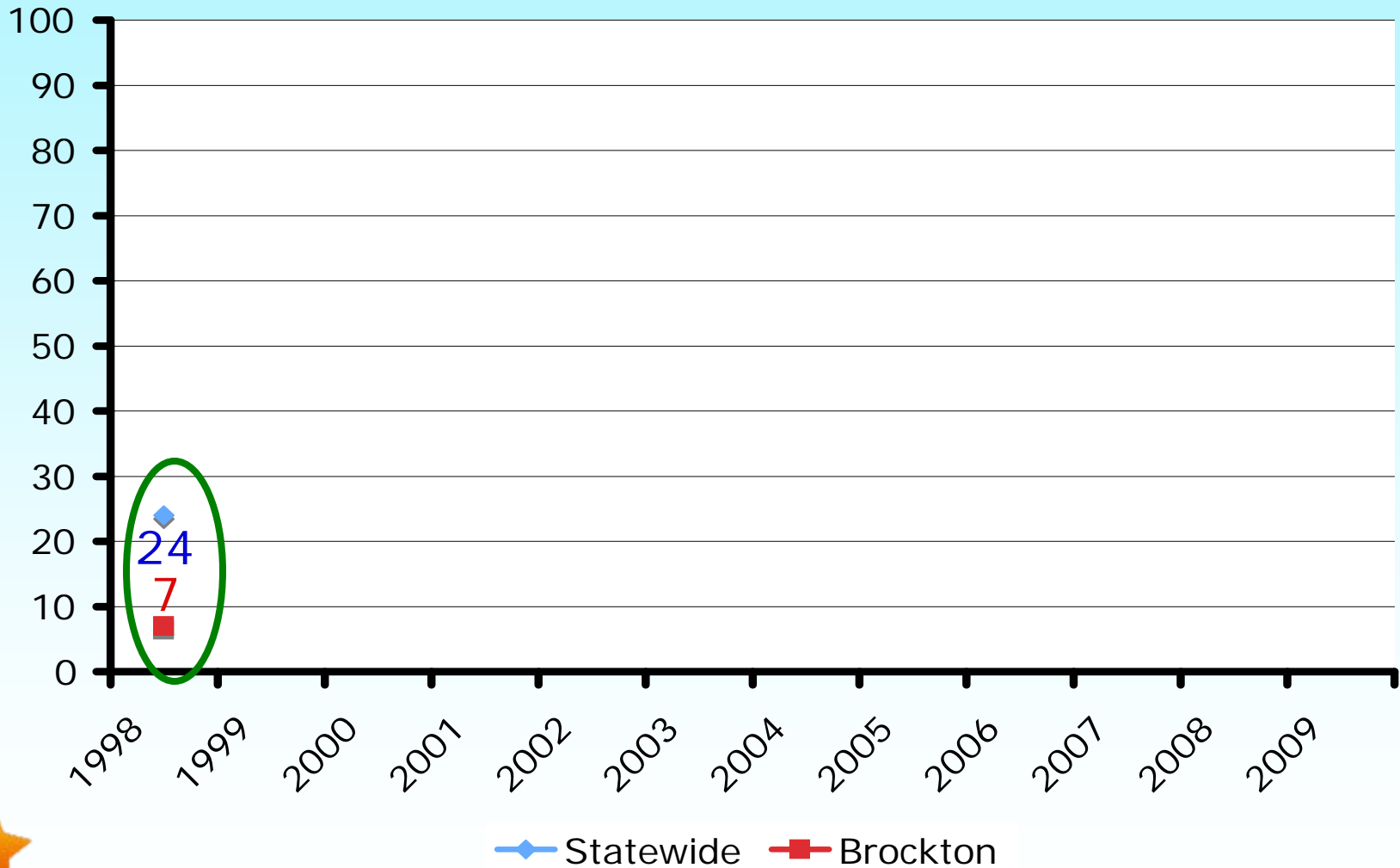
# 2009 MCAS Results

Change in Performance, 2008 to 2009

|        | Percent of All Students Scoring <i>Proficient</i> or higher |      |        |      |      |        |      |      |        |
|--------|---|------|--------|------|------|--------|------|------|--------|
|        | ELA   |      |        | Math |      |        | STE  |      |        |
|        | 2008  | 2009 | Change | 2008 | 2009 | Change | 2008 | 2009 | Change |
| GR. 3  | 56  | 57   | +1     | 61   | 60   | -1     |      |      |        |
| GR. 4  | 49  | 54   | +5     | 49   | 48   | -1     |      |      |        |
| GR. 5  | 61  | 63   | +2     | 52   | 54   | +2     | 50   | 49   | -1     |
| GR. 6  | 67  | 66   | -1     | 56   | 57   | +1     |      |      |        |
| GR. 7  | 69  | 70   | +1     | 47   | 49   | +2     |      |      |        |
| GR. 8  | 75  | 78   | +3     | 49   | 48   | -1     | 39   | 39   | 0      |
| GR. 10 | 75  | 79   | +4     | 72   | 75   | +3     | 57   | 61   | +4     |

# Decade of Progress: MCAS Grade 10 Math

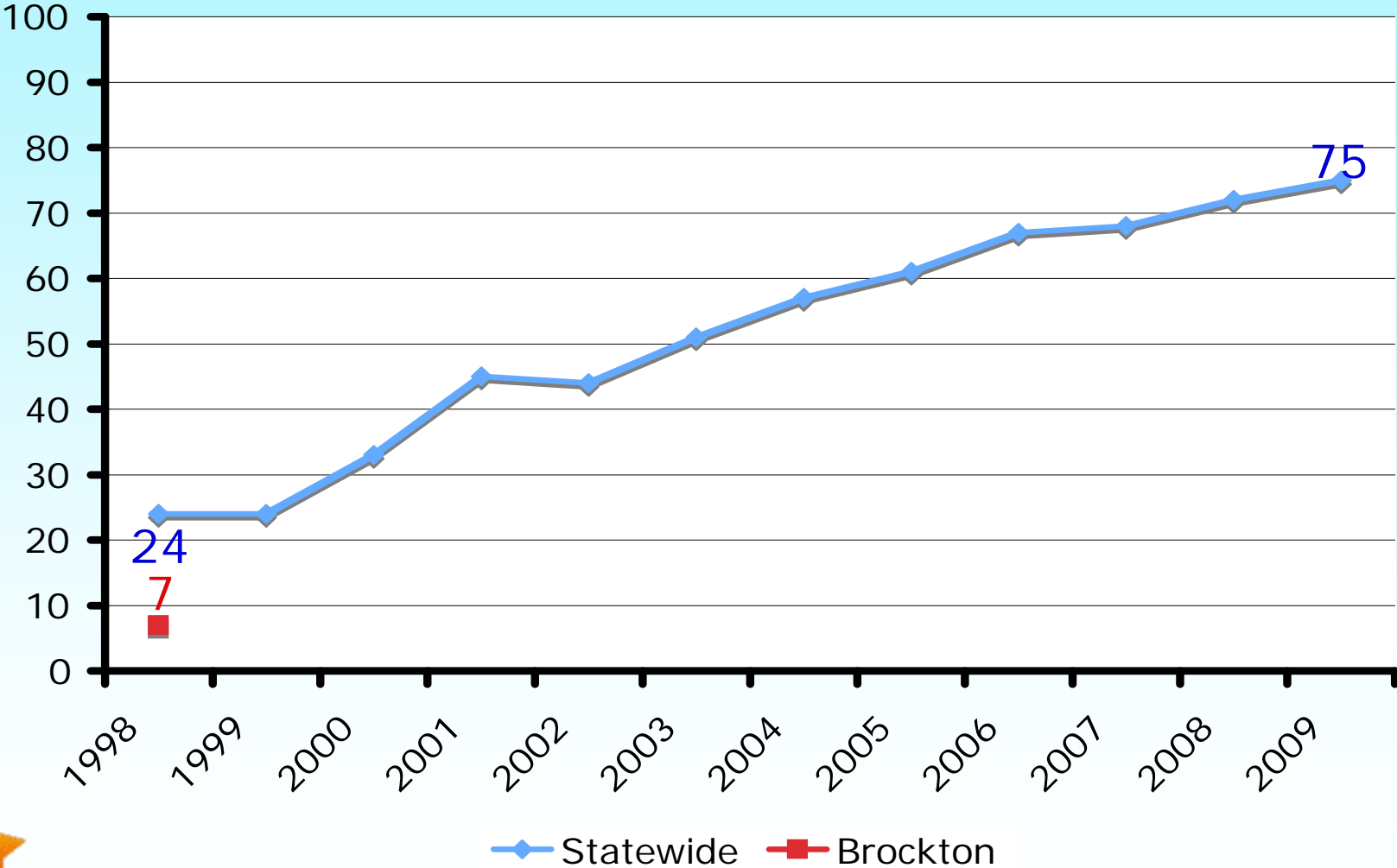
Percent *Proficient* or higher





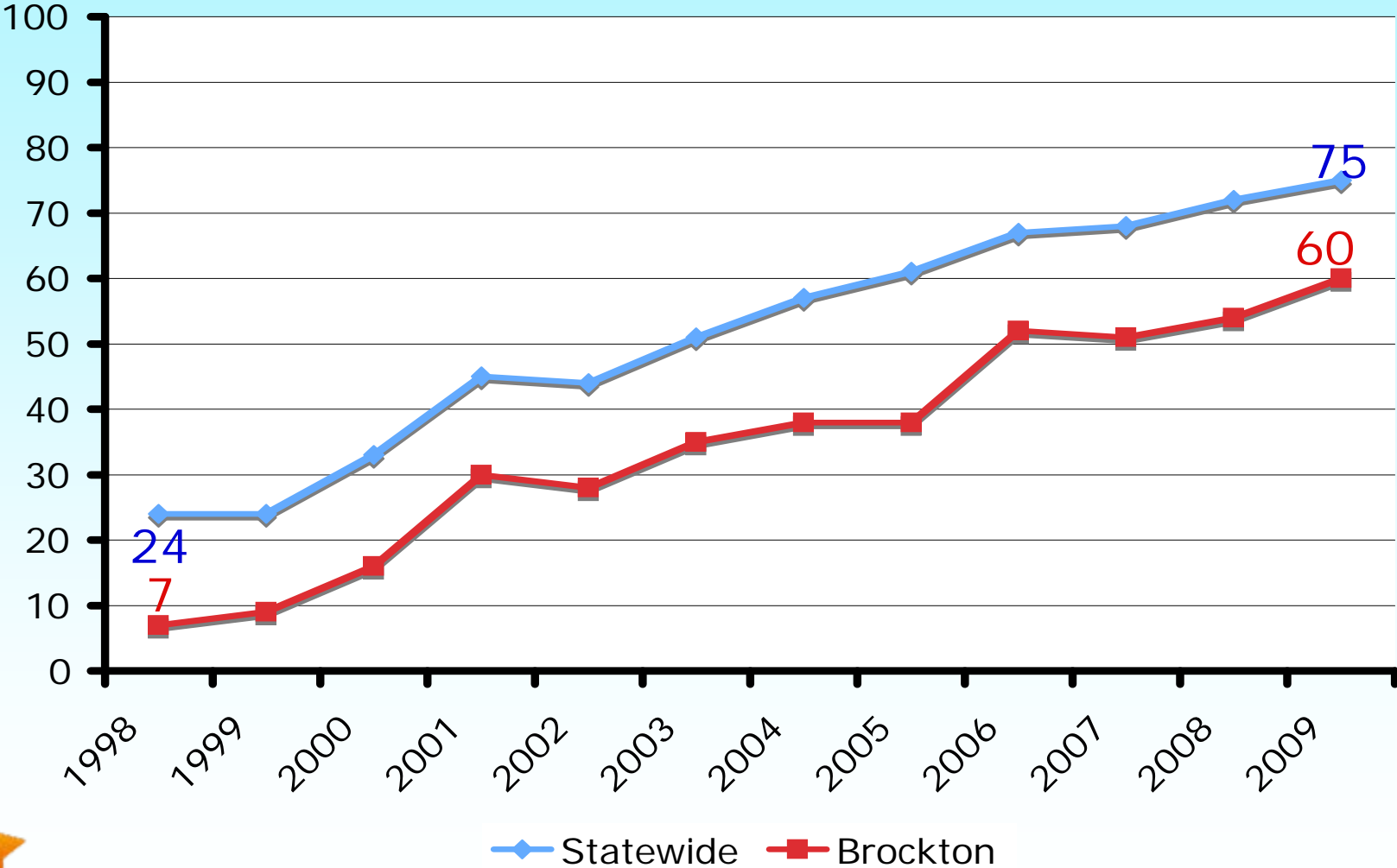
# Decade of Progress: MCAS Grade 10 Math

Percent *Proficient* or higher



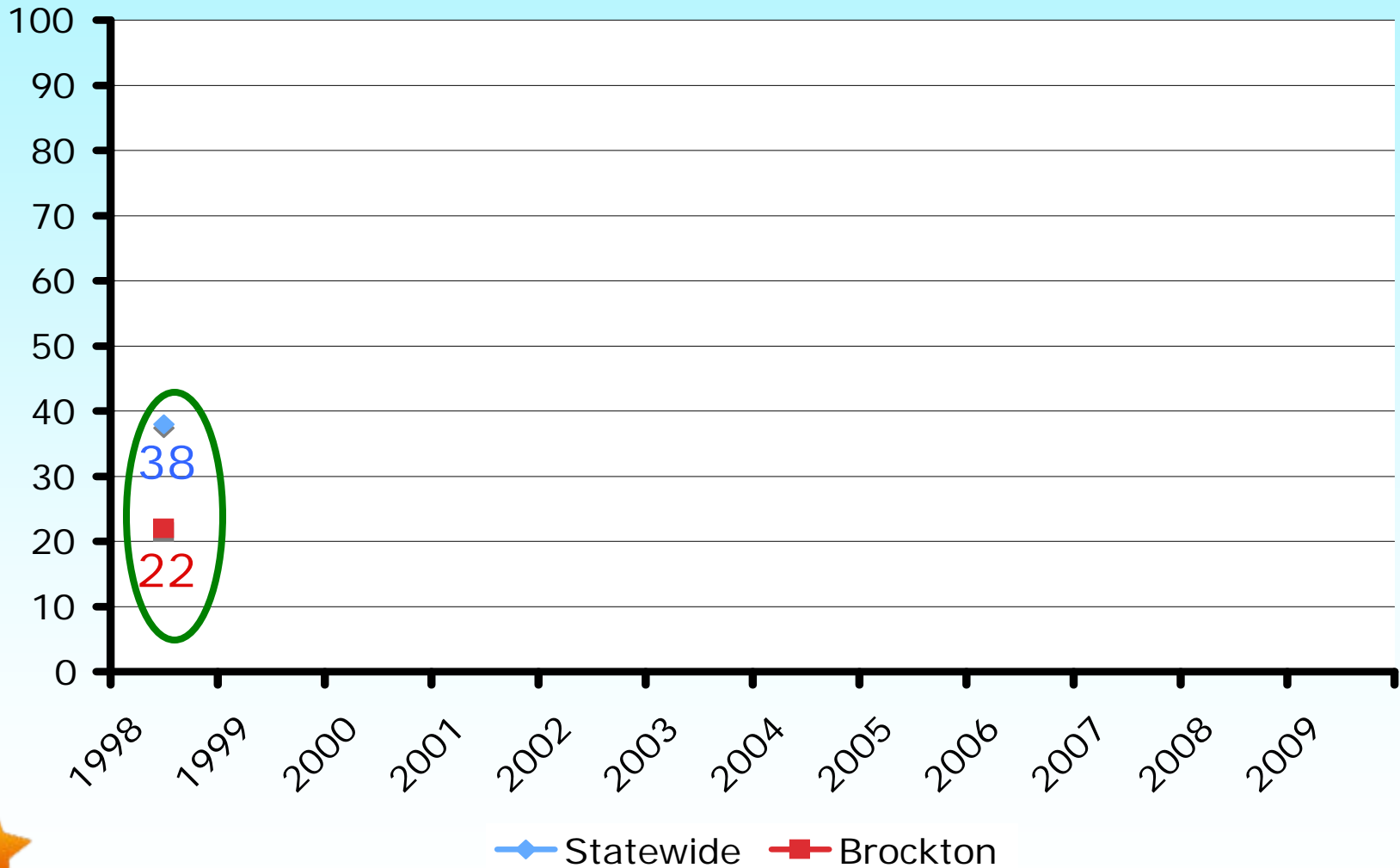
# Decade of Progress: MCAS Grade 10 Math

Percent *Proficient* or higher



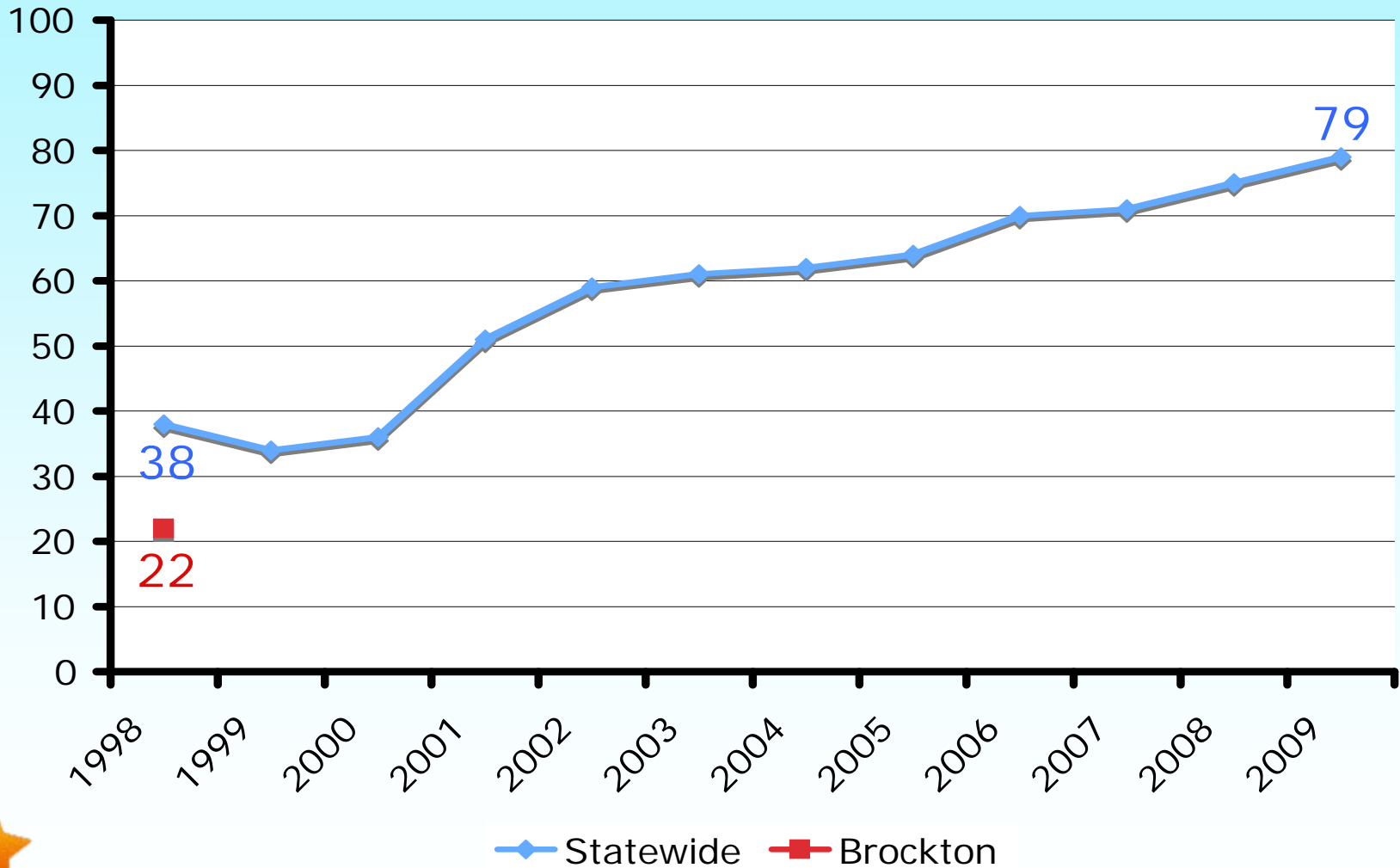
# Decade of Progress: MCAS Grade 10 ELA

Percent *Proficient* or higher



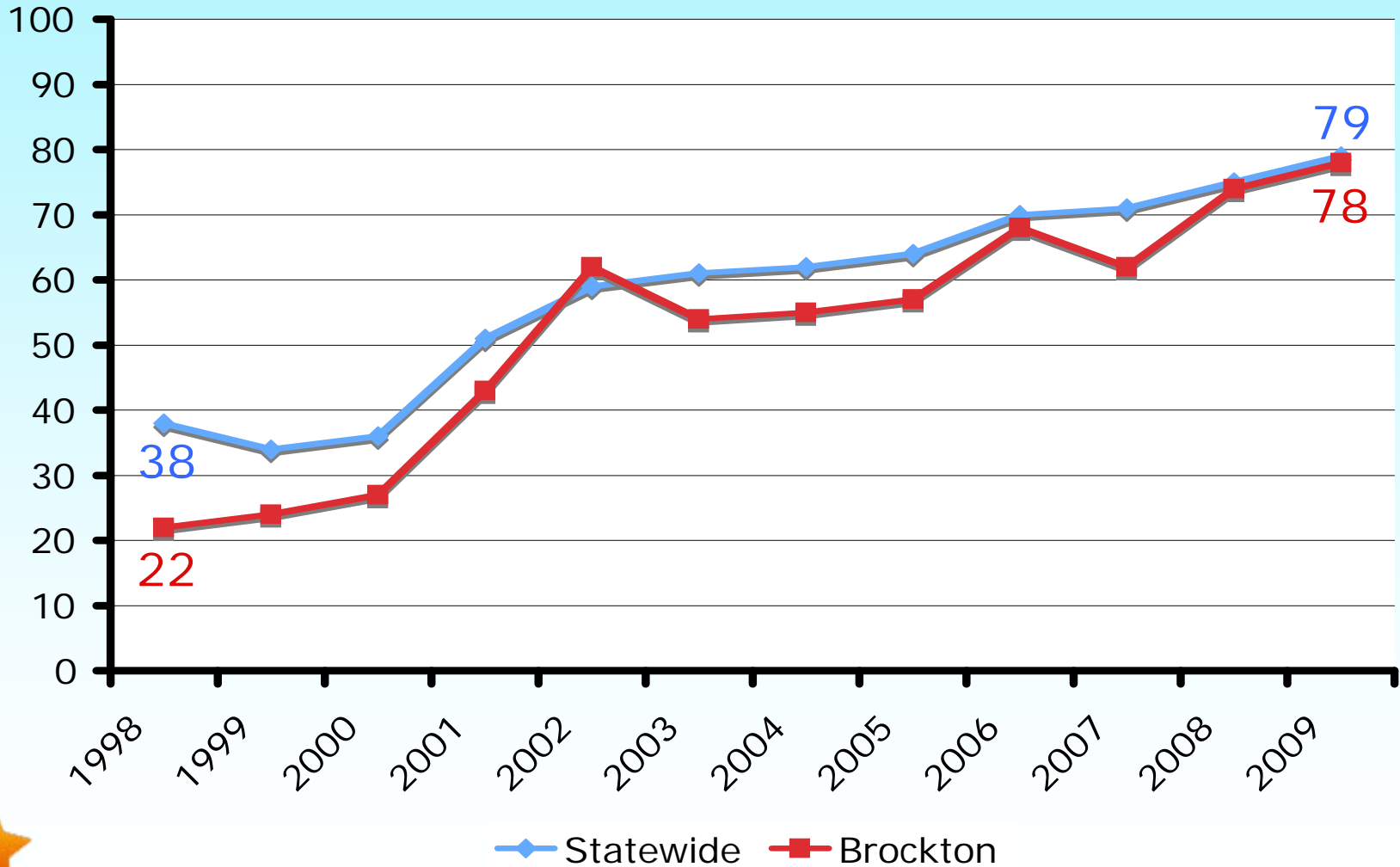
# Decade of Progress: MCAS Grade 10 ELA

Percent *Proficient* or higher



# Decade of Progress: Grade 10 MCAS ELA

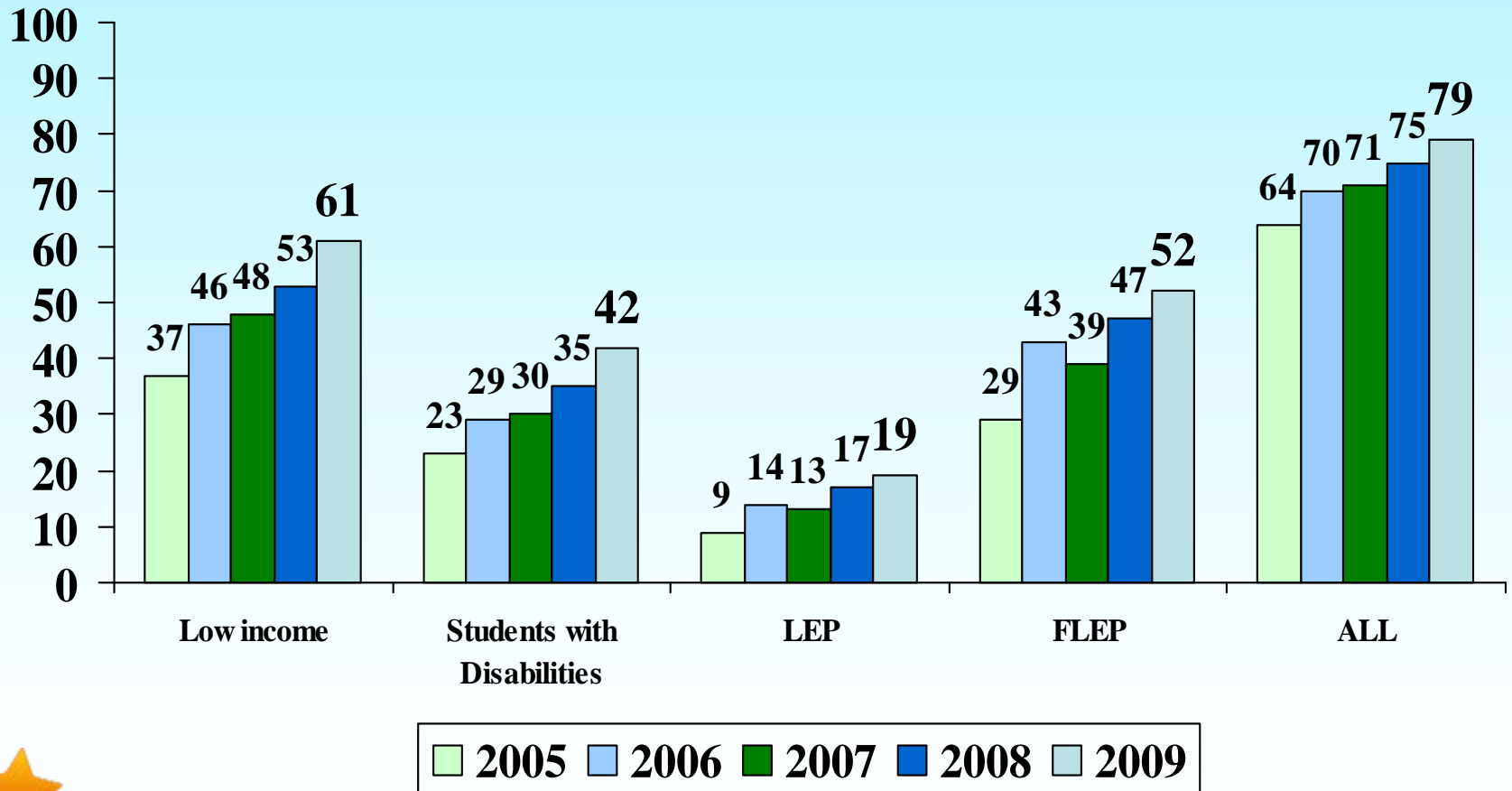
## Percent *Proficient* or higher



# Increased Performance at Proficient and Advanced

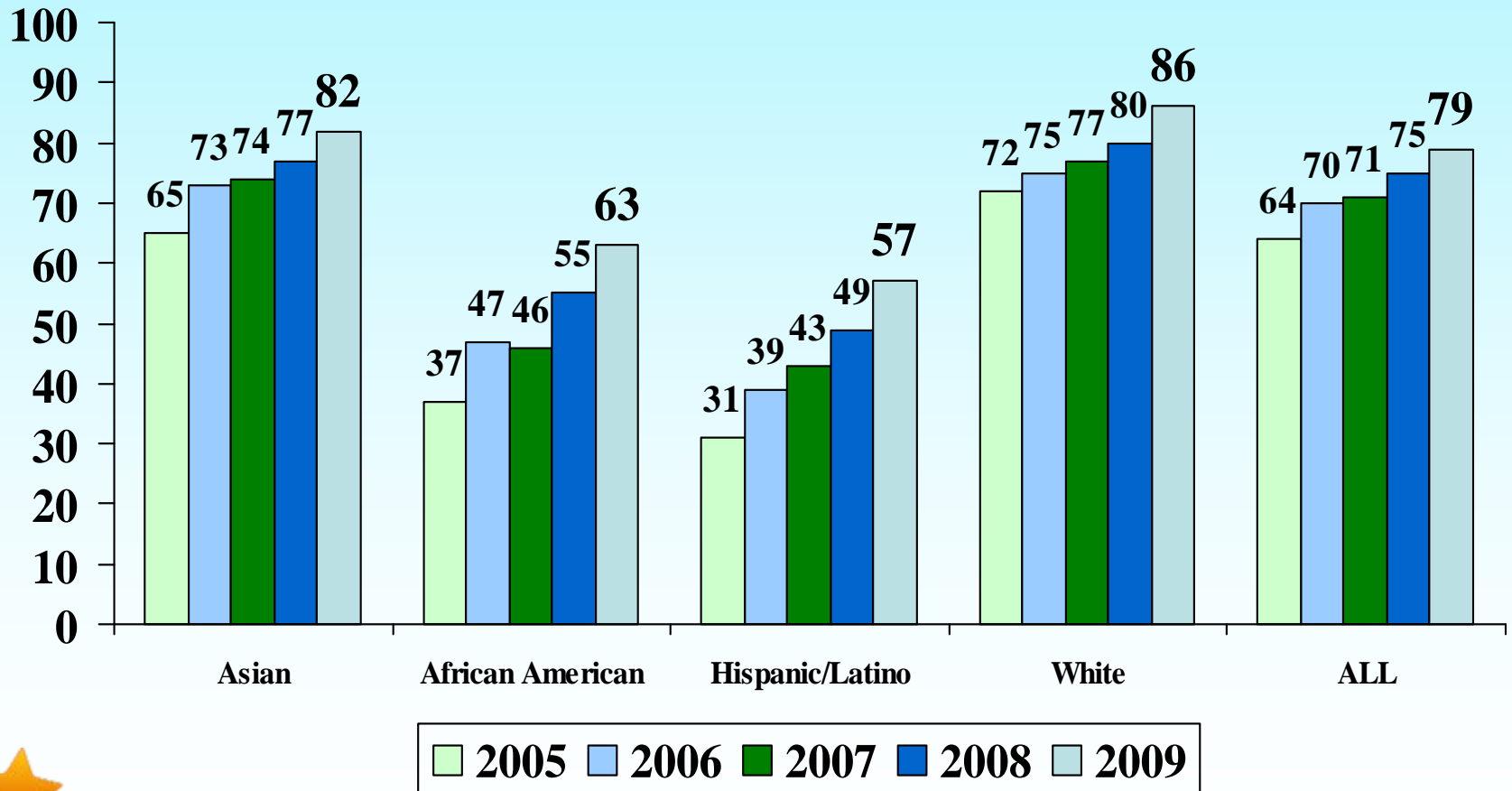
# 2005-2009 MCAS ELA Results

Percent of Students Scoring *Proficient & Advanced* on their first attempt as 10<sup>th</sup> graders by subgroup



# 2005-2009 MCAS ELA Results

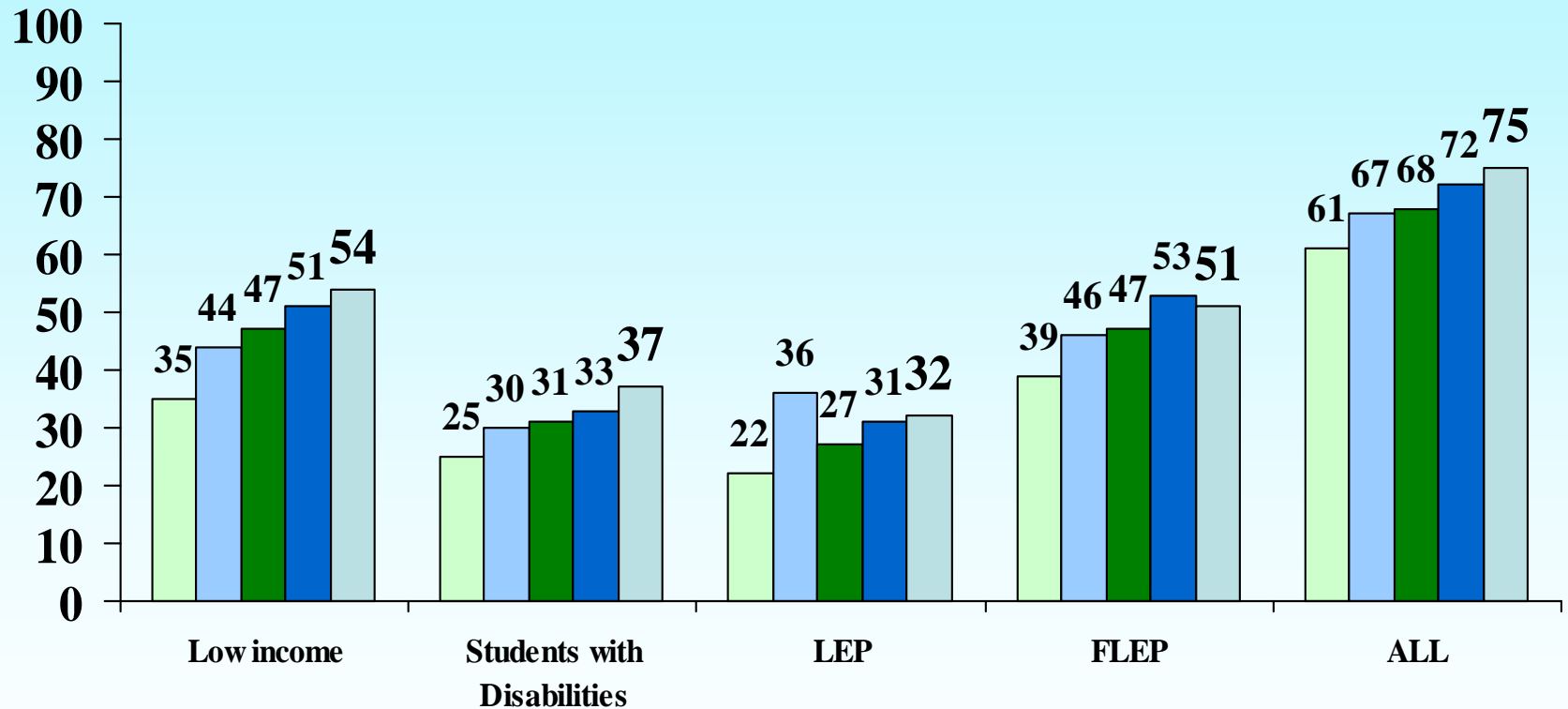
Percent of Students Scoring *Proficient & Advanced* on their first attempt as 10<sup>th</sup> Graders by racial/ethnic subgroup





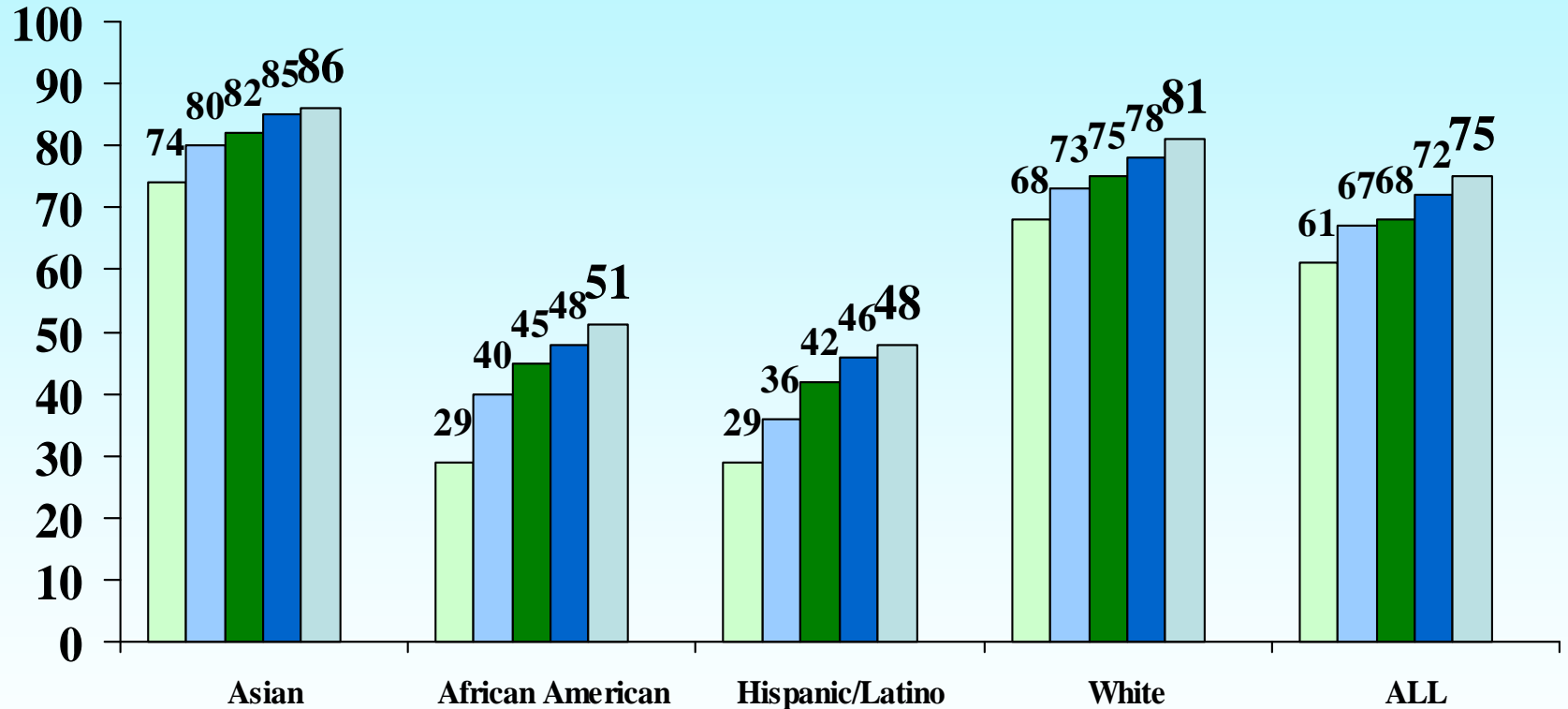
# 2005-2009 MCAS Math Results

Percent of Students Scoring *Proficient & Advanced* on their first attempt as 10<sup>th</sup> Graders by subgroup



# 2005-2009 MCAS Math Results

Percent of Students Scoring *Proficient & Advanced* on their first attempt as 10<sup>th</sup> Graders by racial/ethnic subgroup



# Performance of Class of 2011

(this year's juniors)

# Class of 2011: Percent Scoring at *Needs Improvement* or Higher on MCAS ELA, Math, and STE Tests

- Students in the Class of 2011 who have scored at *Needs Improvement* or higher on all three tests required for graduation:
  - 83.5% of all students
  - 90% white students
  - 87% Asian
  - 66% African American
  - 62% Hispanic/Latino students
  - 68% low income students
  - 35% limited English proficient students
  - 55% students with disabilities
  - 66% formerly LEP students
- 65% of all students in Class of 2011 have already fully met the CD standard by scoring at the *Proficient* level or higher in ELA and mathematics, and scoring at the *Needs Improvement* level or higher in STE

# Performance of the Class of 2010

(this year's seniors)

# Class of 2010: Percent Scoring at *Needs Improvement* or Higher on MCAS ELA, Math, and STE Tests

- Students in the Class of 2010 who have scored at *Needs Improvement* or higher on all three tests required for graduation:
  - 90% of all students
  - 94% white students
  - 92% Asian
  - 75% African American
  - 73% Hispanic/Latino students
  - 79% low income students
  - 49% limited English proficient students
  - 67% students with disabilities
  - 80% formerly LEP students
- 64% of all students in Class of 2010 have fully met the CD standard by scoring at the *Proficient* level or higher in ELA and mathematics, and scoring at the *Needs Improvement* level or higher in STE.

# Class of 2010: Science and Technology/Engineering Requirement

- Based on June 2009 enrollment
  - 91% have met the STE requirement
  - 6,037 students had not met the STE requirement
- These students will have **two** additional opportunities to pass prior to scheduled graduation
  - February 2010 MCAS Biology test
  - Special additional MCAS test administration planned for April 2010 in Biology, Chemistry, Introductory Physics and Technology/Engineering