



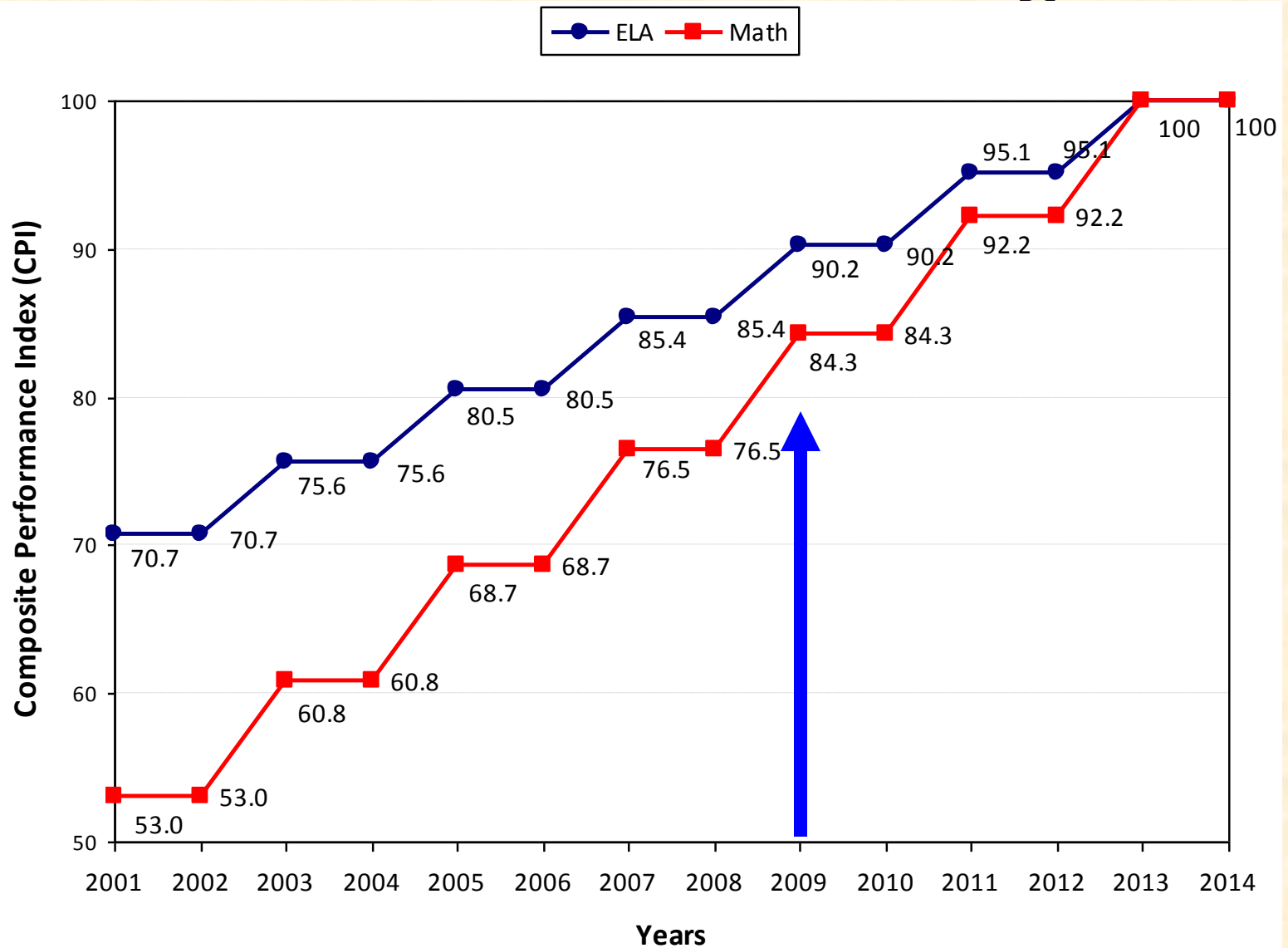
# Spring 2009 MCAS Results *To Proficiency, and Beyond!*

**“...helping every child achieve proficiency in ELA and mathematics by 2014”**



**Elizabeth McGonagle  
Asst. Superintendent  
September 22, 2009**

# 2009 Performance Targets



# What is AYP?

- AYP measures student performance against specific expectations each year
- Based on 2 or more years of data
- *No Status, Improvement, Corrective Action and Restructuring*
- **School AYP** determinations are based on all grades assessed. ELA and Math by subgroups. School AYP performance calculations only include students enrolled in the school as of October 1, 2008.
- **District AYP** determinations are issued separately for three **grade spans** – grades 3-5, 6-8, and 9-12. District AYP performance calculations include all students enrolled in the district during the testing window + out of district placements.

# How is AYP calculated?

**A + (B or C) + D = Affirmative AYP Determination**

**A = MCAS Participation Rate: 95% or greater for MCAS and MCAS-Alt tests**

**B = MCAS Performance of 90.2+ CPI in ELA and 84.3+ CPI in mathematics **OR****

**C = Meet or exceed 2009 improvement “gain” target**

**D = Additional Indicators**

**Grades 1-8: 92% + attendance rate, or 1% improvement over 2008**

**High Schools: 4-year graduation rate of 65 percent applied to the 2008 graduation cohort, or 5-year graduation rate of 70 percent applied to the 2007 graduation cohort, or 2 percentage point increase in 4-year graduation rate from the 2007 cohort to 2008 cohort.**

# Key Changes to 2009 AYP Determinations

## Graduation Rate Targets

- Massachusetts modified graduation rate targets for public high schools. They now have to meet at least one of the following criteria:
  - **A four-year graduation rate of 65 %** applied to the 2008 graduation cohort, or ([FHS - 84%](#))
  - **A five-year graduation rate of 70 %** applied to the 2007 graduation cohort, ([FHS – 86.2%](#)) or
  - **A two percentage point increase in the four-year graduation rate** from the 2007 cohort to 2008 cohort. ([FHS 2.2%](#))

# Falmouth District AYP History

	Year	2001	2002	2003	2004	2005	2006	2007	2008	2009
<b>ELA</b>	Aggregate	YES	YES	YES	YES	YES	YES	YES	YES	<b>YES</b>
	All Subgroups	-	-	NO	YES	NO	YES	NO	NO	<b>YES</b>
<b>Math</b>	Aggregate	YES	YES	YES	YES	YES	YES	YES	YES	<b>YES</b>
	All Subgroups	-	-	<b>NO</b>	<b>NO</b>	<b>NO</b>	YES	NO	<b>YES</b>	<b>YES</b>

## 2009 District NCLB Accountability Status:

- **Improvement Year 1 ELA in the Subgroups**
- Due to 2007-2008 (2 year span highlighted in pink)
- We need to make AYP for 2 continuous years to return to *no status*
- Falmouth NCLB performance rating in ELA: Very High Math: High

# District Results by Grade Span

AYP Summary		ELA	Subgroups Not Making AYP in ELA	MATH	Subgroups Not Making AYP in Math
Grades 3-5	Agg	YES	-	YES	-
	Sub	YES	-	YES	-
Grades 6-8	Agg	NO	Aggregate (.3) Sped (3.6) Low Income (1.5)	NO	Aggregate (1.5) White (1.4) Sped (.5) Low Income (.8)
	Sub	NO		NO	
Grades 9-12	Agg	YES	-	YES	-
	Sub	YES	-	NO	Low Income (Participation Target)

# School AYP Summary

School`		ELA	Status		Math	Status
FHS	Agg	Yes			Yes	
	Sub	Yes			Yes	
Lawrence	Agg	Yes	Restructuring Year 2 - Subgroups		<b>No</b>	Restructuring Year 2 - Subgroups
	Sub	<b>No</b>			<b>No</b>	
Morse Pond	Agg	Yes	Improvement Year 1 - Subgroups		Yes	Restructuring Year 1 - Subgroups
	Sub	Yes			Yes	
East Falmouth	Agg	Yes	Improvement Year 1 - Subgroups		Yes	
	Sub	Yes			Yes	
Mullen-Hall	Agg	Yes	Improvement Year 1		Yes	
	Sub	Yes			Yes	
North Falmouth	Agg	Yes			Yes	
	Sub	No			Yes	
Teaticket	Agg	Yes			Yes	
	Sub	Yes			Yes	

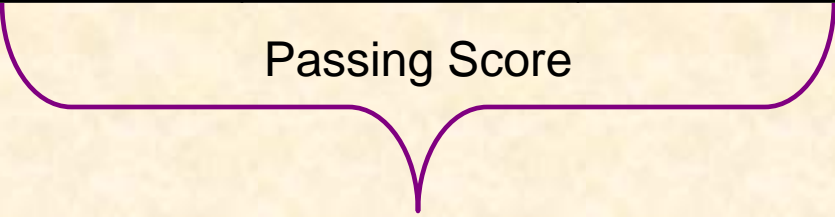
# MCAS Highlights

- In grade 10, ELA and Math students scoring at the Advanced level increased for the 3rd consecutive year.
- Overall positive shift--- increases in the Advanced and Proficient levels tied with decrease in the % of students scoring in NI and Warning.
- Impressive growth in the subgroups.

# Overview of District MCAS by Performance Level

SUBJECT	ADV	PROFICIENT	NI	WARNING /FAILING	CPI
ELA	39%	50%	9%	3%	94.8
MATH	56%	29%	12%	3%	92.8
SCIENCE	18%	55%	21%	5%	88.6

Passing Score



# FHS Competency Determination

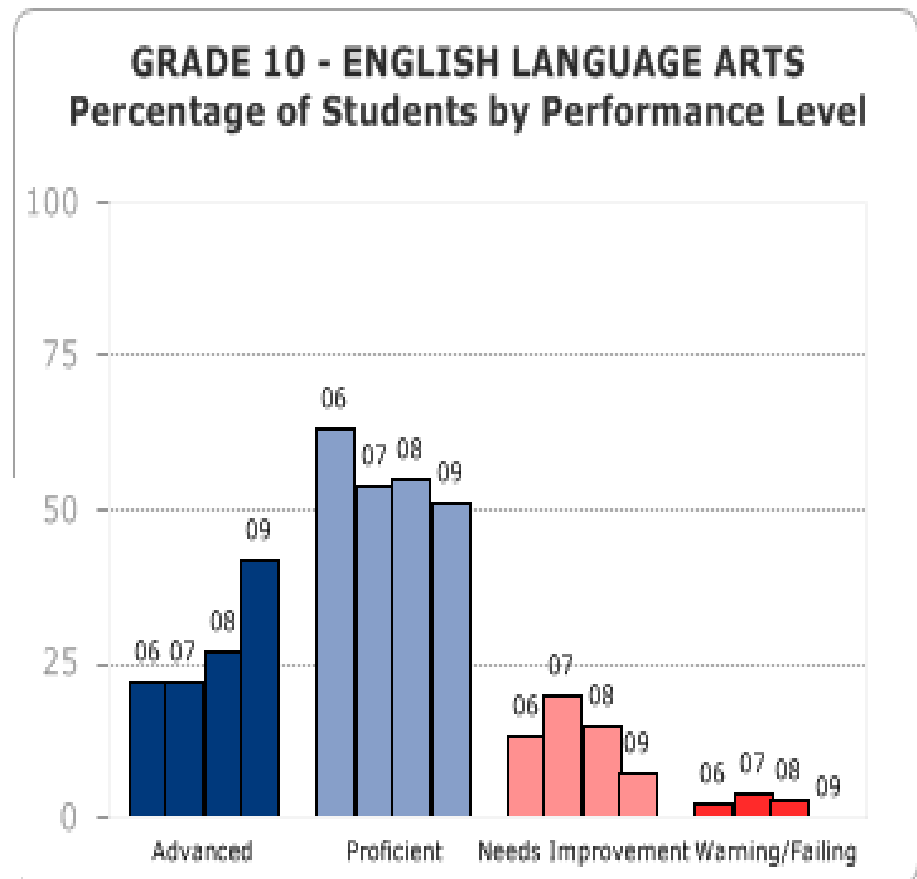
74% of FHS students  
earned a CD in all three subjects

	ELA	Math	Science
CD Attained	86%	80%	90%
EPP Required	12%	14%	n/a

# Spring 2009 MCAS Grade 10 ELA

GRADE 10 - ENGLISH LANGUAGE ARTS				
PERFORMANCE LEVEL	2006	2007	2008	2009
ADVANCED	22	22	27	42
PROFICIENT	63	54	55	51
NEEDS IMPROVEMENT	13	20	15	7
FAILING	2	4	3	0

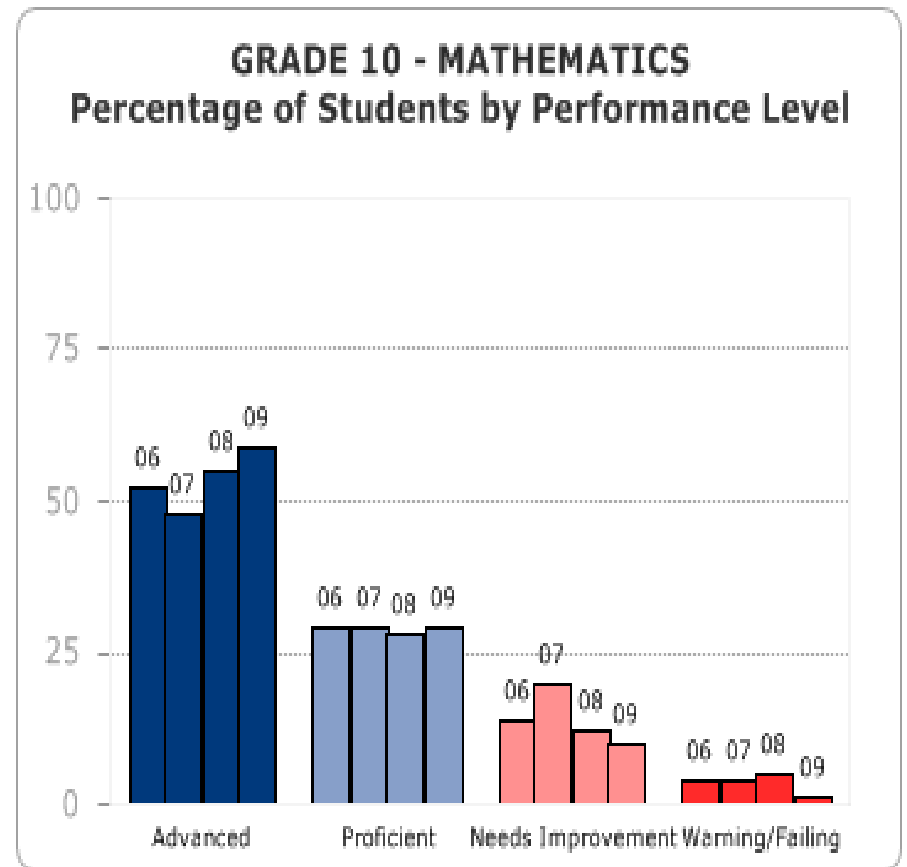
- 42% Advanced
- 93% Adv or Proficient
- 15% increase in Advanced
- 11% decline in NI/Failure
- No Failures!



# Spring 2009 MCAS Grade 10 Math

GRADE 10 - MATHEMATICS				
PERFORMANCE LEVEL	2006	2007	2008	2009
ADVANCED	52	48	55	59
PROFICIENT	29	29	28	29
NEEDS IMPROVEMENT	14	20	12	10
FAILING	4	4	5	1

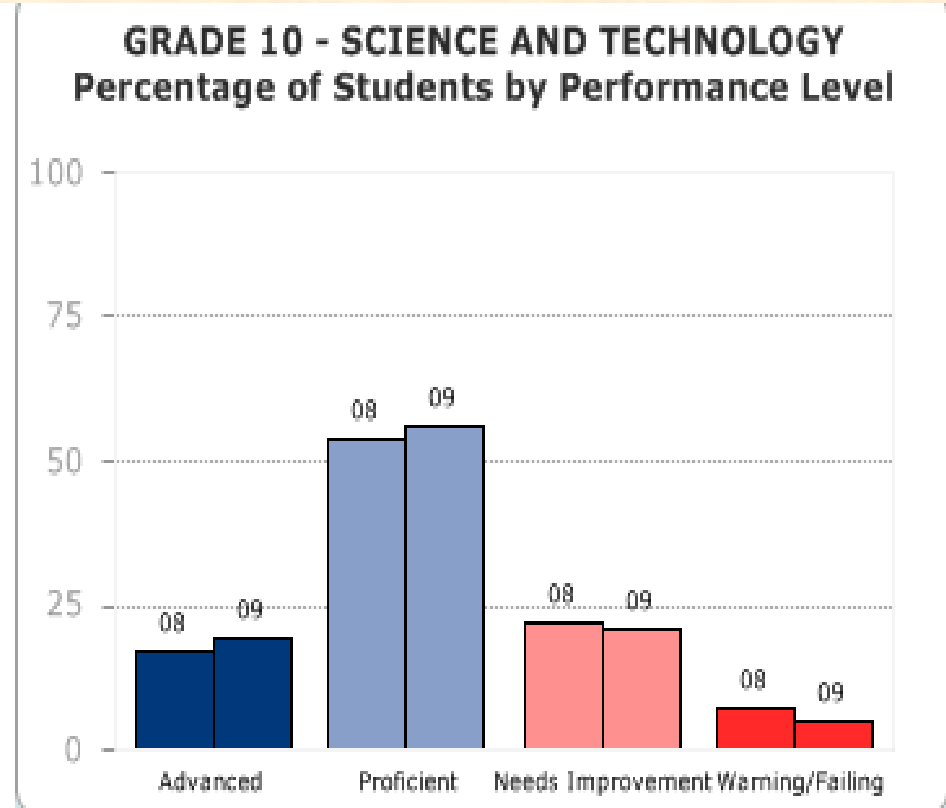
- 59% Advanced
- 88% Adv or Proficient
- 4% increase in Advanced
- 6% decline in NI/Failure



# Spring 2009 MCAS Grade 10 Science

GRADE 10 - SCIENCE AND TECHNOLOGY		
PERFORMANCE LEVEL	2008	2009
ADVANCED	17	19
PROFICIENT	54	56
NEEDS IMPROVEMENT	22	21
FAILING	7	5

- 19% Advanced
- 75% Adv or Proficient
- 2% increase in Advanced
- 3% decline in NI/Failure



# Growth in Advanced and Proficient

## **In Grade 4:**

- In Grade 4, ELA, 7% increase in Advanced and a 6% decrease in Warning

## **In Grade 5:**

- 16% *increase* in Proficient, the largest gain in 4 years
- Students scoring in NI *decreased* by 16%
- Performance on ELA standards increased dramatically ---11-14% increase in vocabulary, literature, and understanding a text

## **In Grade 6:**

- 75% scored Advanced or Proficient, the highest in 4 years
- 11% increase in the % of students scoring in Advanced in ELA
- In Math, Advanced and Proficient increased by 9%; Warning decreased by 9%

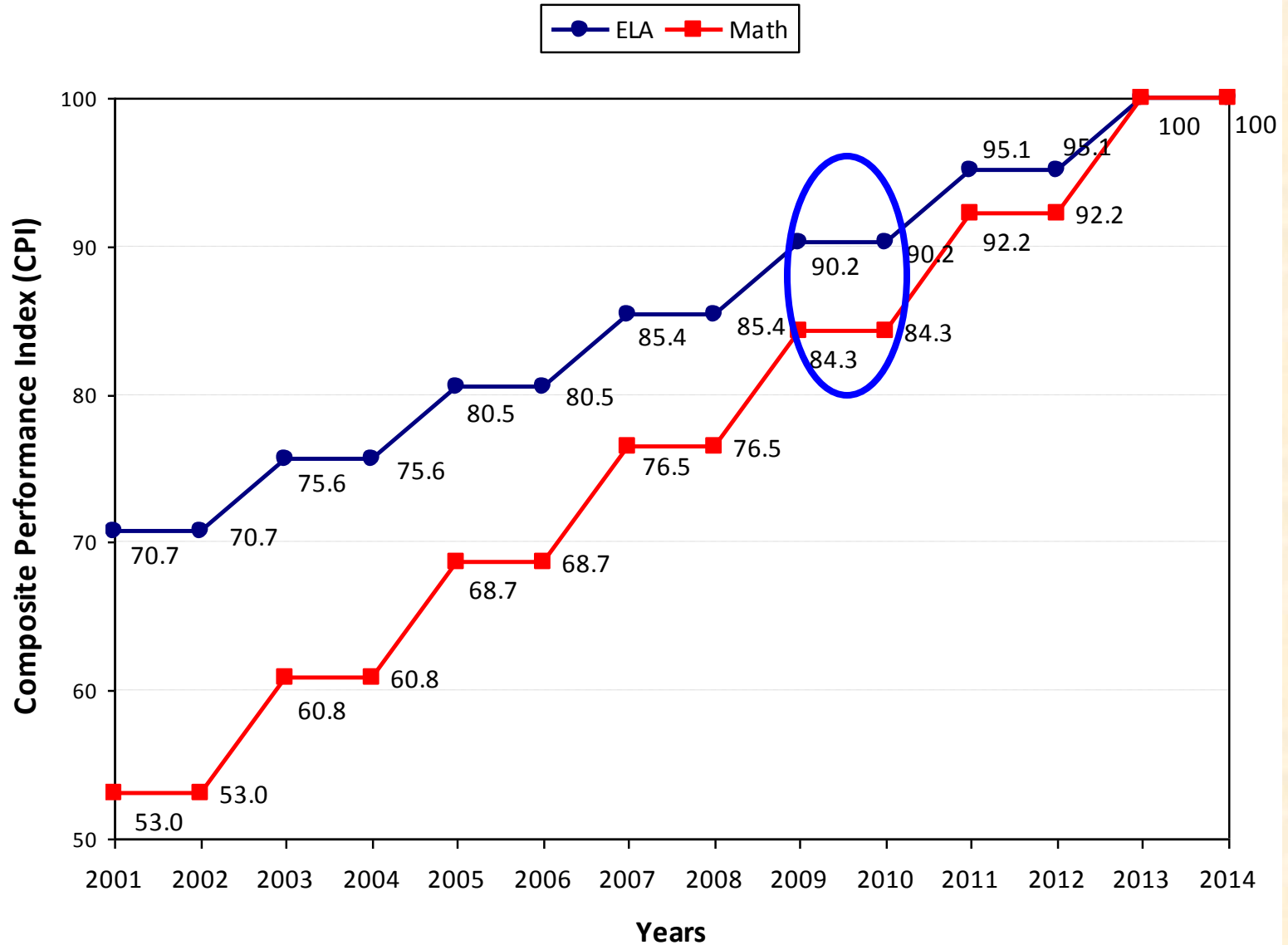
## **In Grade 7:**

- Grade 7 ELA, increase of 5% in Advanced, the highest in 4 years

## **In Grade 8:**

- 7% increase in Advanced in ELA

# 2009 Performance Targets



# Composite Performance Index - CPI

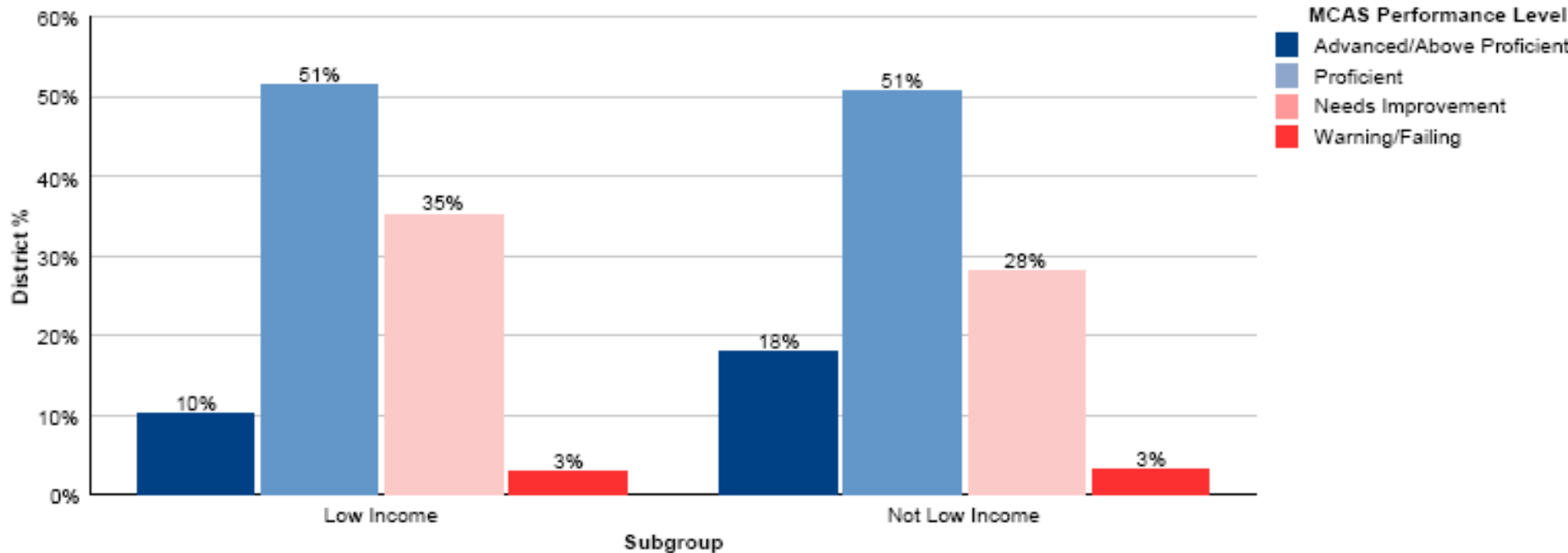
School	ELA Target 90.2	Growth	Math Target 84.3	Growth
FHS	<b>97.2</b> <i>Above NCLB Target!</i>	+4.2	<b>94.7</b>	+2.0
Lawrence	<b>90.6</b>		77.4	
Morse Pond	<b>91.1</b>	+5.1	<b>85.3</b>	+3.3
East Falmouth	87.6	+5.0	<b>91.6</b>	+6.2
Mullen-Hall	88.6	+4.5	<b>89.5</b>	+0.7
North Falmouth	<b>90.4</b>		<b>92.3</b>	
Teaticket	85.2		<b>88.8</b>	

# Improving Performance: Low Income vs. Not Low Income



## District Performance Distribution by Low Income Status - Preliminary Data Falmouth - 2009 MCAS Grade 3 English

Students Included: On or after Oct 1



**LOW**

**Grade 3  
ELA**

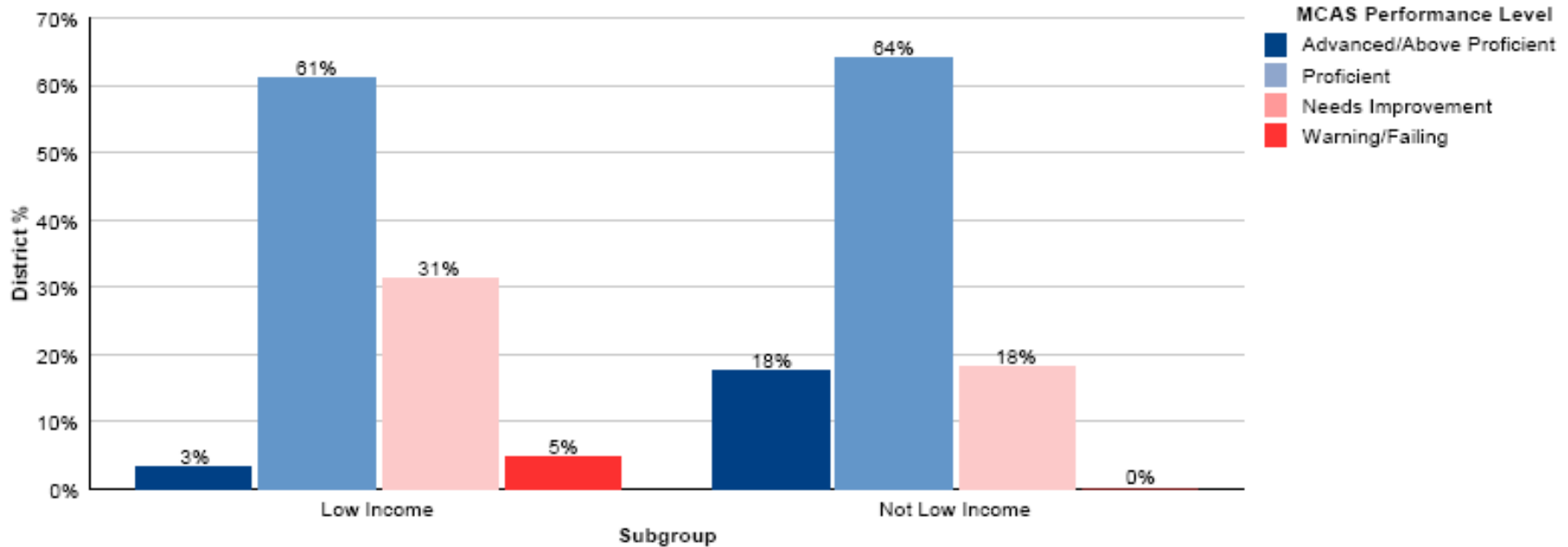
**NOT  
LOW**

# Improving Performance: Low Income vs. Not Low Income



## District Performance Distribution by Low Income Status - Preliminary Data Falmouth - 2009 MCAS Grade 5 English

Students Included: On or after Oct 1



**LOW**

**Grade 5**

**ELA**

**NOT  
LOW**

# Growth in the subgroups

## **At MH :**

- Low Income - 14.9 increase in CPI in ELA
- Low Income - 17.0 point gain in CPI in math

## **At MP:**

- Sped – ELA CPI up 7.8; Math up 7.6 points
- Low Income – ELA CPI up 9.5; Math CPI up 7.3

# Continuous Improvement

- Early Intervention:
  - NAEYC Accreditation
  - Reading Street Core Literacy Program
  - Response to Intervention and Progress Monitoring
  - Writing: Lucy Calkins and Empowering Writers
- High Performance Teaming
- NEASC
- K-12 Curriculum Committees

# And Effective Instruction!

