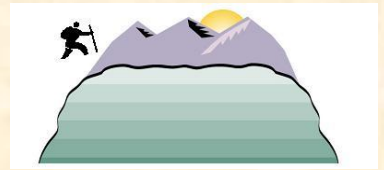


Spring 2010 MCAS Results



"...helping every child achieve proficiency in ELA and mathematics by 2014"



Liz McGonagle
Asst. Superintendent
September 28, 2010

MCAS Overview

- How do MA students rank nationally?
- What is AYP?
- Did our schools and district make AYP?
- How did our students do on the MCAS?
- What are our strengths?
- What areas will we continue to work on?
- What is the Growth Model?

How do MA students rank nationally?

Massachusetts Graduates Outscores Nation on 2010 ACT

- On 2010 ACT exam the state's students scored an average composite score of 24.0 out of a possible 36...higher than the national average of 21.0.
- On the four subject area tests, the **state scored first** in the nation on:
 - **English** (24.0)
 - **Mathematics** (24.3)
 - **Reading** (24.2)
 - **Science** tied for first with New York (23.1)

How do MA students rank nationally?

2009 National Assessment of Educational Progress (NAEP)

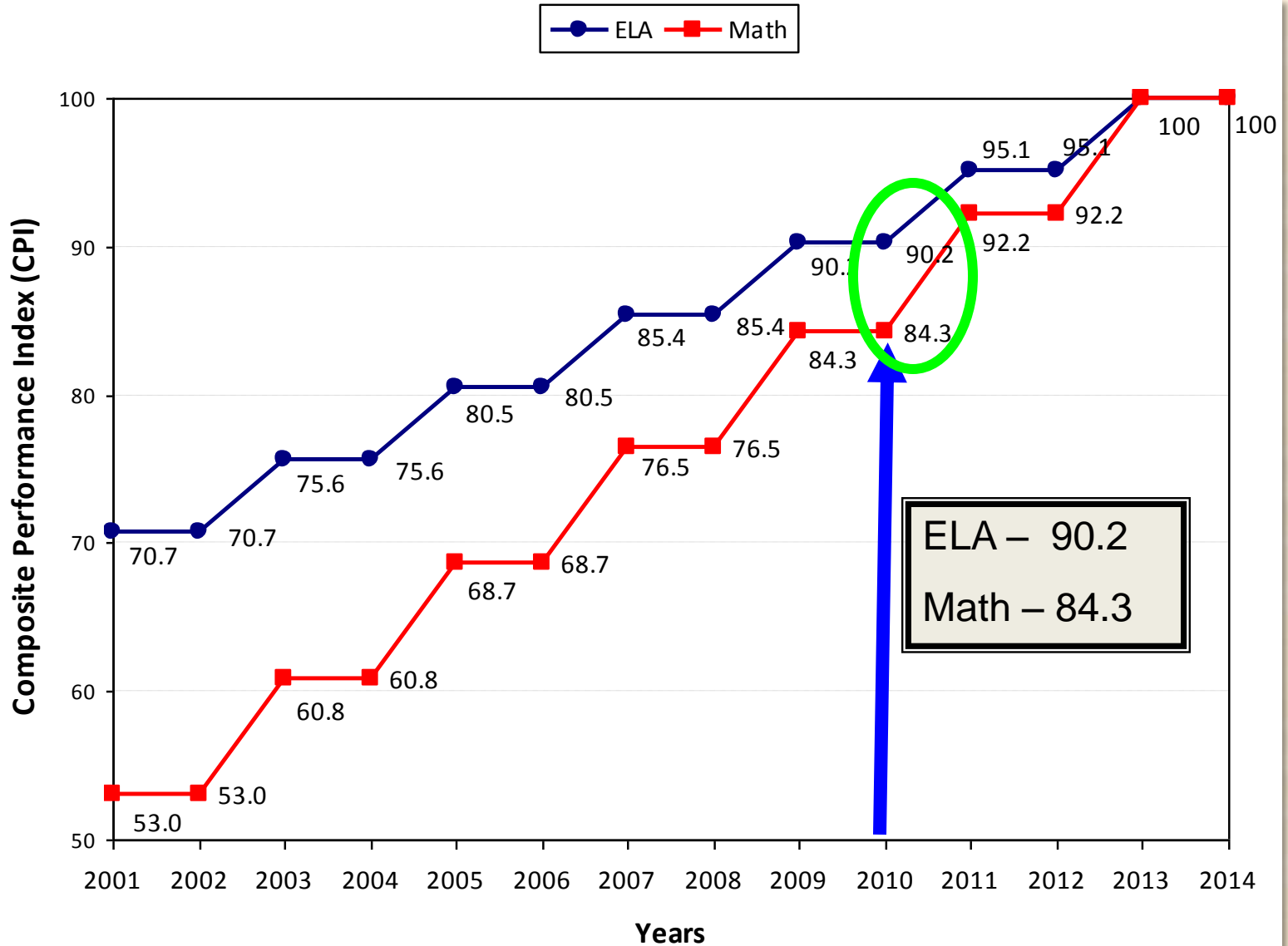
- In Reading, **4th graders** scored **first** in the nation
- **8th graders tied for first** with five other high performing states: NJ, CT, VT, NH and PA.
- In mathematics, **8th graders** ranked **first** and
- **4th graders** tied for **first** (with NH and MN)

How do MA students rank nationally?

2009 SAT Results

- **72 %** of MA public high school students in the class of 2009 participated---the 3rd highest participation rate in the country behind ME and NY
- The average participation rate across the nation was **36 %**.
- Among states with participation rates of 60 % or higher, MA ranked:
 - **First** in Math
 - **Second** behind NH in Critical reading
 - **Second** behind CT in Writing

2010 Performance Targets



What is AYP?

- AYP measures student performance against performance targets each year
- Based on 2 or more years of data
- *No Status, Improvement, Corrective Action and Restructuring*
- **School AYP** -**based on all grades** assessed in ELA and Math by subgroups...and include students enrolled in the school as of October 1, 2009.
- **District AYP** -issued separately for **grade spans – grades 3-5, 6-8, and 9-12** and includes **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 2010 improvement “gain” target

D = Additional Indicators

Grades 1-8: **92%** + attendance rate, or **1%** improvement over 2009

High Schools: 4-year graduation rate

Did we make AYP?

- Falmouth was **commended** by DESE
- District met AYP in English Language Arts in all subgroups 2 consecutive years
- Moved from *Improvement Year 1* to **No Status**

District AYP Summary	Status 2010	Performance Rating 2010
ELA	No Status	High
Mathematics	No Status	High

2010 MCAS District AYP by Grade Spans:

ENGLISH LANGUAGE ARTS					
Grade Spans		2008	2009	2010	2010 Subgroups Not Making AYP
Grades 3-5	Aggregate	No	Yes	No	White -Special Education -Low Income -
	All Subgroups	No	Yes	No	
Grades 6-8	Aggregate	Yes	No	Yes	Special Education -
	All Subgroups	No	No	No	
Grades 9-12	Aggregate	Yes	Yes	Yes	
	All Subgroups	No	Yes	Yes	

MATHEMATICS					
Grade Spans		2008	2009	2010	2010 Subgroups Not Making AYP
Grades 3-5	Aggregate	Yes	Yes	Yes	Special Education -Low Income -
	All Subgroups	Yes	Yes	No	
Grades 6-8	Aggregate	Yes	No	No	Special Education -Low Income -
	All Subgroups	No	No	No	
Grades 9-12	Aggregate	Yes	Yes	Yes	Low Income -
	All Subgroups	Yes	No	No	

		Adequate Yearly Progress History								NCLB Accountability Status
		2003	2004	2005	2006	2007	2008	2009	2010	
ELA	Aggregate	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No Status
	All Subgroups	No	Yes	No	Yes	No	No	Yes	Yes	
MATH	Aggregate	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No Status
	All Subgroups	No	No	No	Yes	No	Yes	Yes	No	



AYP Status Summary by School

School		ELA	Status		Math	Status
FHS	All	Yes			Yes	
	Subgroups	Yes			Yes	
Lawrence	All	Yes	Restructuring Year 2 - Subgroups		No	Restructuring Year 2 - Subgroups
	Subgroups	No			No	
Morse Pond	All	Yes	Improvement Year 2 - Subgroups		Yes	Restructuring Year 2 - Subgroups
	Subgroups	No			No	
East Falmouth	All	Yes	Improvement Year 2 - Subgroups		Yes	
	Subgroups	No			Yes	
Mullen- Hall	All	No	Improvement Year 2		No	
	Subgroups	No			No	
North Falmouth	All	Yes			Yes	
	Subgroups	Yes			Yes	
Teaticket	All	Yes			Yes	
	Subgroups	Yes			Yes	

DESE: 2010 NCLB Accountability

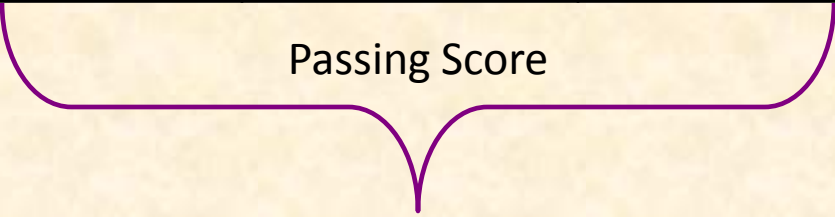
- 982 schools (57%) in improvement status in 2010
 - Up from 929 (53%) in 2009
- 123 districts (32%) in improvement status
 - Including 32 charters, 7 voc/techs, and 17 other single-school districts
 - Up from 106 in 2009 (including 29 charters, 8 voc/techs, and 17 other single-school districts)
- 62 schools recognized for exiting accountability status

Overview of District 2010 MCAS by Performance Level

All students including out-of-district

SUBJECT	ADV	PROFICIENT	NI	WARNING /FAILING	CPI
ELA	15%	57%	24%	4%	89.8
MATH	26%	37%	27%	10%	84.2
SCIENCE	21%	54%	21%	4%	91.1

Passing Score



How did our students do?

- The district's improved AYP status
- Falmouth High School continues to maintain a performance rating of "VERY HIGH" in both ELA and mathematics
- **In ELA:**
 - the % of all students passing ranged from 96% in Grade 3 to 98% in Grade 10
 - At every grade the majority of all students scored in the Advanced and Proficient performance levels on the English MCAS
 - In Grade 10, 86% scored in Proficient or above
 - There were no failures
 - Grade 6, an increase of 7% in Advanced or Proficient

How did our students do?

- **In Math:**
 - 97 % of all of FHS students passed the MCAS
 - 51 % of all students scored in the Advanced
 - 84 % at Proficient or above
 - In Grade 6, a decrease of 5% scoring in NI/Warning and in increase of 5% in Advanced
- **Science, Technology and Engineering:**
 - In grade 5, 93% of students passed the MCAS
 - In grade 8, 82% passed the STE MCAS
 - At Falmouth High School, 96% of students passed with a composite score of 91.1

District Results Spring 2010 ELA MCAS

Grade	% Students in Advanced or Proficient	% Students Passing	CPI Target 90.2
Grade 3	74	94	89.7
Grade 4	54	93	85.0
Grade 5	63	93	88.6
Grade 6	71	91	93.2
Grade 7	58	85	89.2
Grade 8	47	82	90.0
Grade 10	80	94	94.7

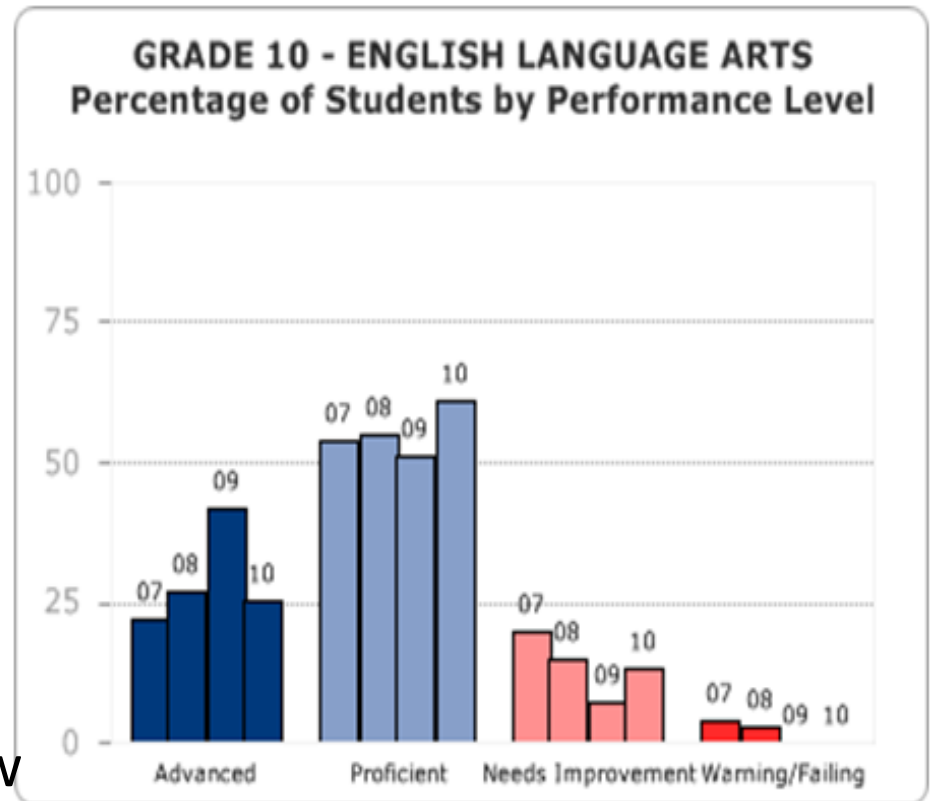
District Results Spring 2010 Math MCAS

Grade	% Students in Advanced or Proficient	% Students Passing	CPI Target 84.3
Grade 3	69	95	89.4
Grade 4	58	93	83.1
Grade 5	67	97	84.8
Grade 6	79	96	87.0
Grade 7	73	96	80.0
Grade 8	75	94	75.0
Grade 10	83	99	91.7

Spring 2010 MCAS FHS Grade 10 ELA

GRADE 10 - ENGLISH LANGUAGE ARTS PERFORMANCE LEVEL	2007	2008	2009	2010
ADVANCED	22	27	42	25
PROFICIENT	54	55	51	61
NEEDS IMPROVEMENT	20	15	7	13
FAILING	4	3	0	0

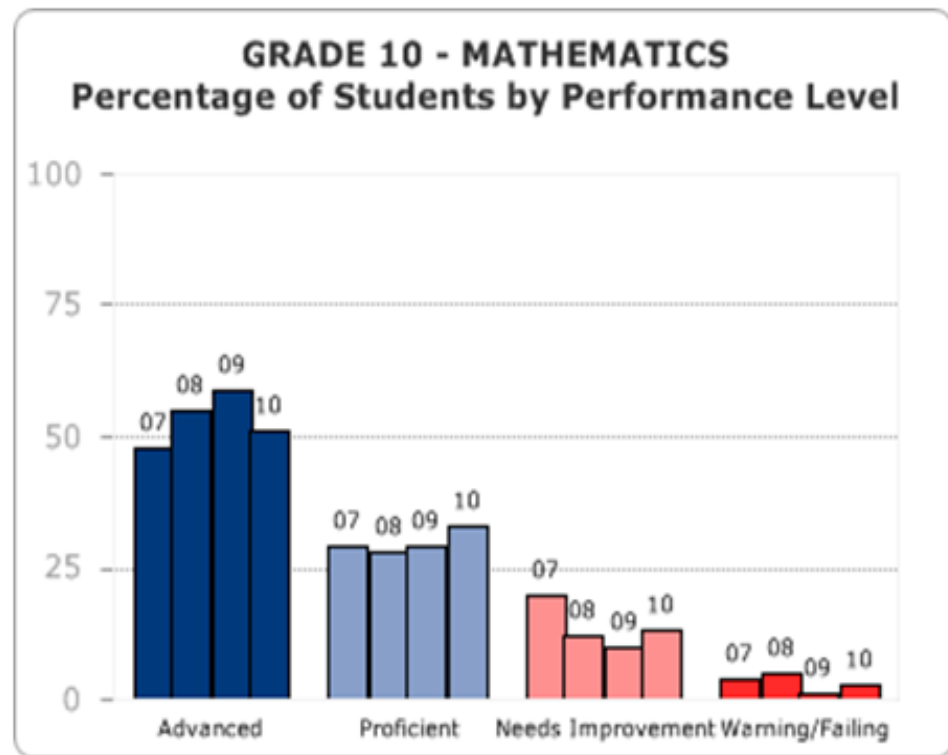
- 25% Advanced
- 86% Proficient or Above
- No Failures for 2nd year in a row



Aggregate data: All Students

Spring 2010 MCAS FHS Grade 10 Math

GRADE 10 - MATHEMATICS				
PERFORMANCE LEVEL	2007	2008	2009	2010
ADVANCED	48	55	59	51
PROFICIENT	29	28	29	33
NEEDS IMPROVEMENT	20	12	10	13
FAILING	4	5	1	3



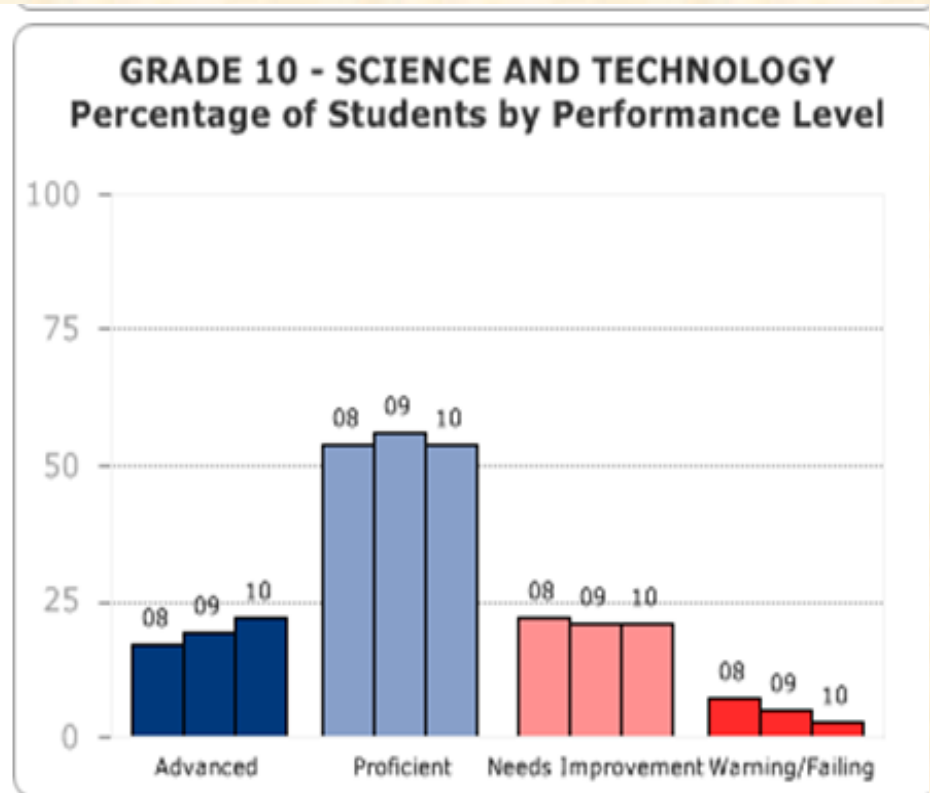
- 51% Advanced
- 84% Proficient or Above

Aggregate data: All Students

Spring 2010 MCAS FHS Biology

GRADE 10 - SCIENCE AND TECHNOLOGY			
PERFORMANCE LEVEL	2008	2009	2010
ADVANCED	17	19	22
PROFICIENT	54	56	54
NEEDS IMPROVEMENT	22	21	21
FAILING	7	5	3

- 22% Advanced
- 76% Proficient or Above
- Failures continue to decline

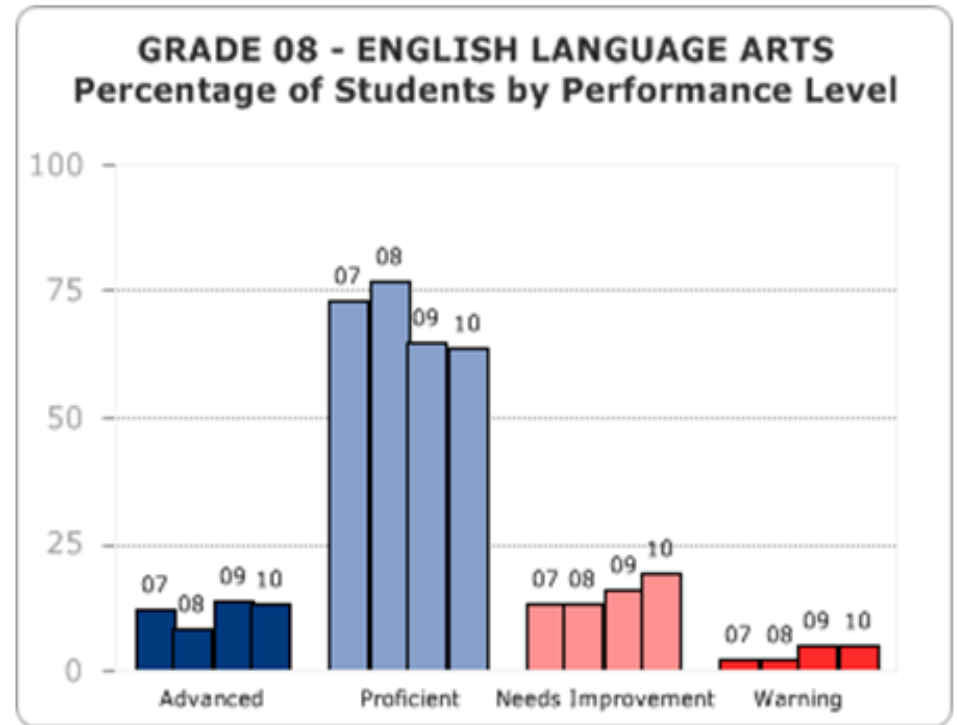


Aggregate data: All Students

Spring 2010 MCAS Lawrence Grade 8 ELA

GRADE 08 - ENGLISH LANGUAGE ARTS				
PERFORMANCE LEVEL	2007	2008	2009	2010
ADVANCED	12	8	14	13
PROFICIENT	73	77	65	64
NEEDS IMPROVEMENT	13	13	16	19
WARNING	2	2	5	5

- 13 % Advanced
- 77 % Proficient or Above

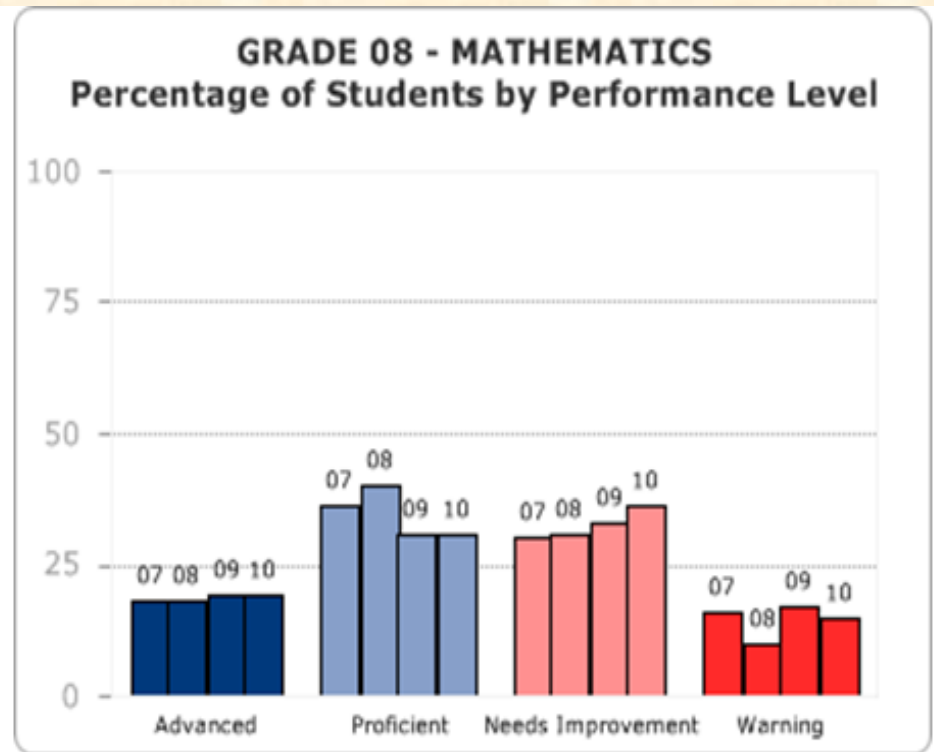


Aggregate data: All Students

Spring 2010 MCAS Lawrence Grade 8 Math

GRADE 08 - MATHEMATICS				
PERFORMANCE LEVEL	2007	2008	2009	2010
ADVANCED	18	18	19	19
PROFICIENT	36	40	31	31
NEEDS IMPROVEMENT	30	31	33	36
WARNING	16	10	17	15

- 19 % Advanced
- 50 % Proficient or Above

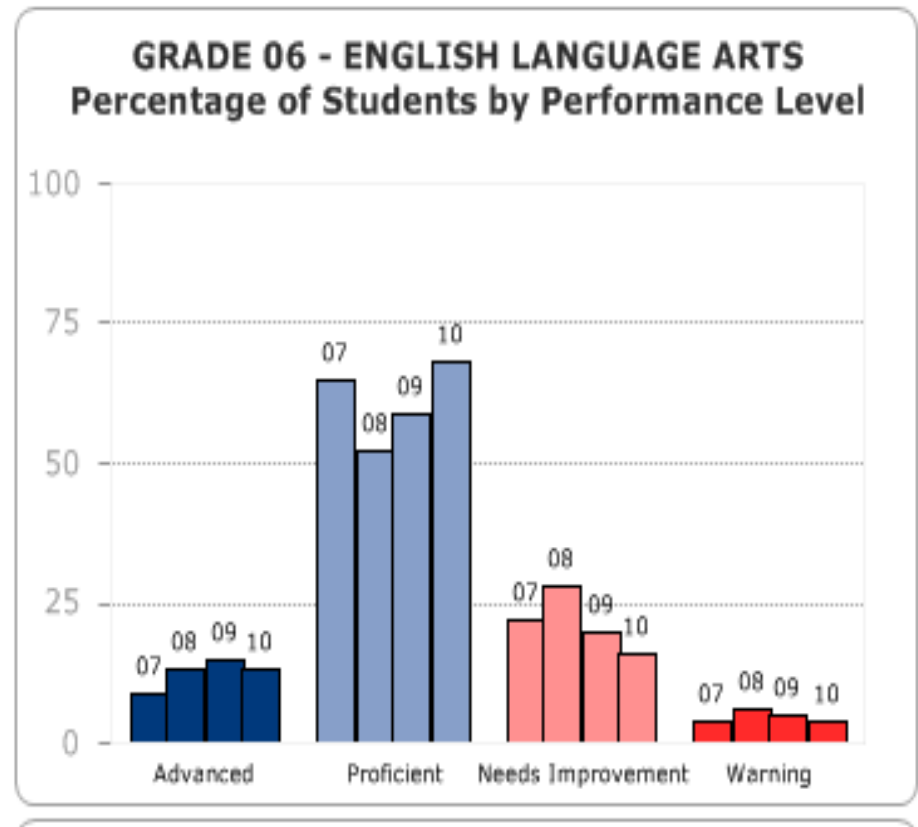


Aggregate data: All Students

Spring 2010 MCAS ELA Morse Pond Gr. 6

GRADE 06 - ENGLISH LANGUAGE ARTS				
PERFORMANCE LEVEL	2007	2008	2009	2010
ADVANCED	9	13	15	13
PROFICIENT	65	52	59	68
NEEDS IMPROVEMENT	22	28	20	16
WARNING	4	6	5	4

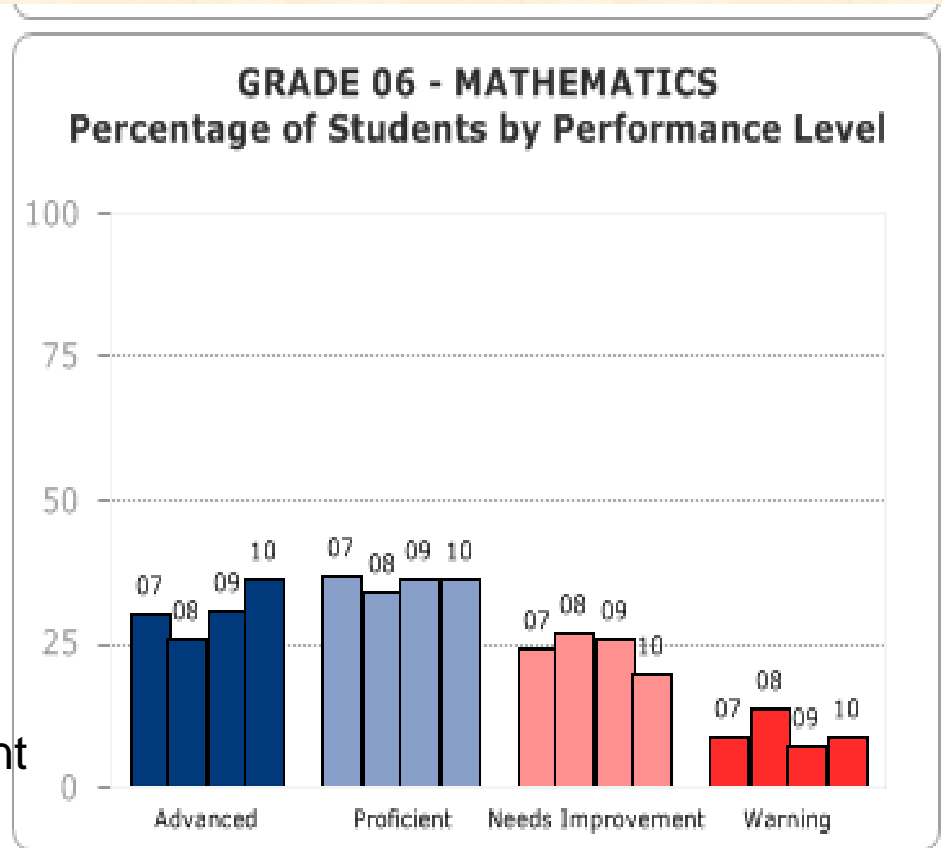
- 13 % Advanced
- 81 % Proficient or Advanced
- 9 % increase in Proficient
- 4 % decrease in Needs Improvement



Spring 2010 MCAS Math Morse Pond Gr. 6

GRADE 06 - MATHEMATICS				
PERFORMANCE LEVEL	2007	2008	2009	2010
ADVANCED	30	26	31	36
PROFICIENT	37	34	36	36
NEEDS IMPROVEMENT	24	27	26	20
WARNING	9	14	7	9

- 36 % Advanced
- 72 % Proficient or Advanced
- 6 % decrease in Needs Improvement



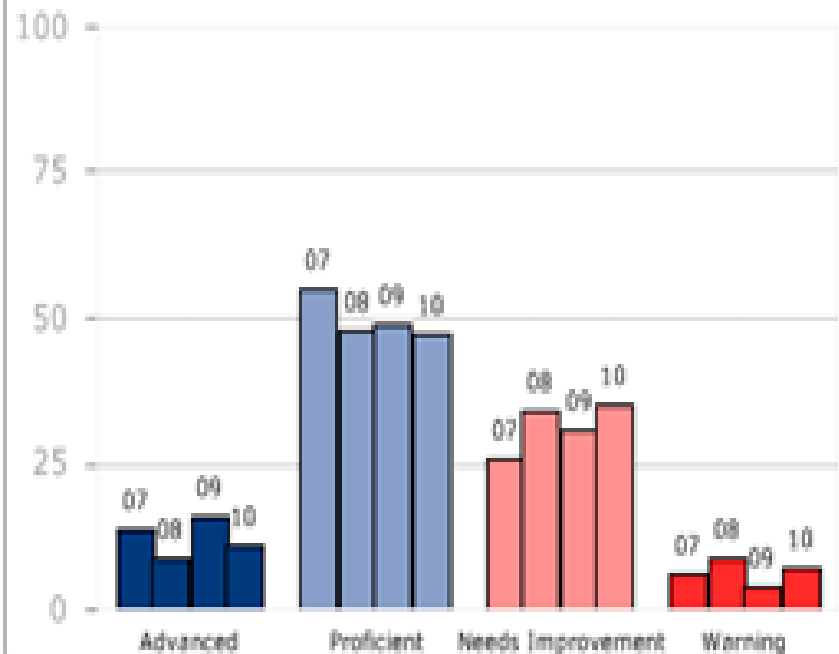
Spring 2010 MCAS

Gr. 4 ELA

GRADE 04 - ENGLISH LANGUAGE ARTS				
PERFORMANCE LEVEL	2007	2008	2009	2010
ADVANCED	14	9	16	11
PROFICIENT	55	48	49	47
NEEDS IMPROVEMENT	28	34	31	35
WARNING	6	9	4	7

- 11 % Advanced
- 58 % Proficient or Advanced

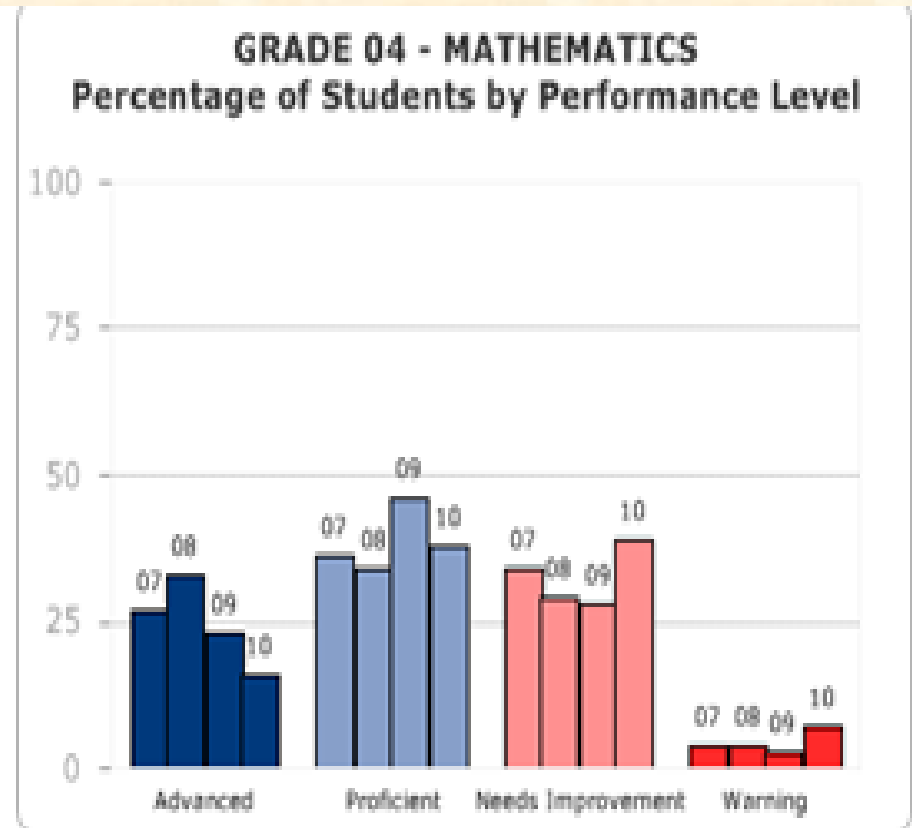
GRADE 04 - ENGLISH LANGUAGE ARTS
Percentage of Students by Performance Level



Spring 2010 MCAS Gr. 4 Math

GRADE 04 - MATHEMATICS				
PERFORMANCE LEVEL	2007	2008	2009	2010
ADVANCED	27	33	23	16
PROFICIENT	36	34	46	38
NEEDS IMPROVEMENT	34	29	28	39
WARNING	4	4	3	7

- 16 % Advanced
- 54 % Proficient or Advanced

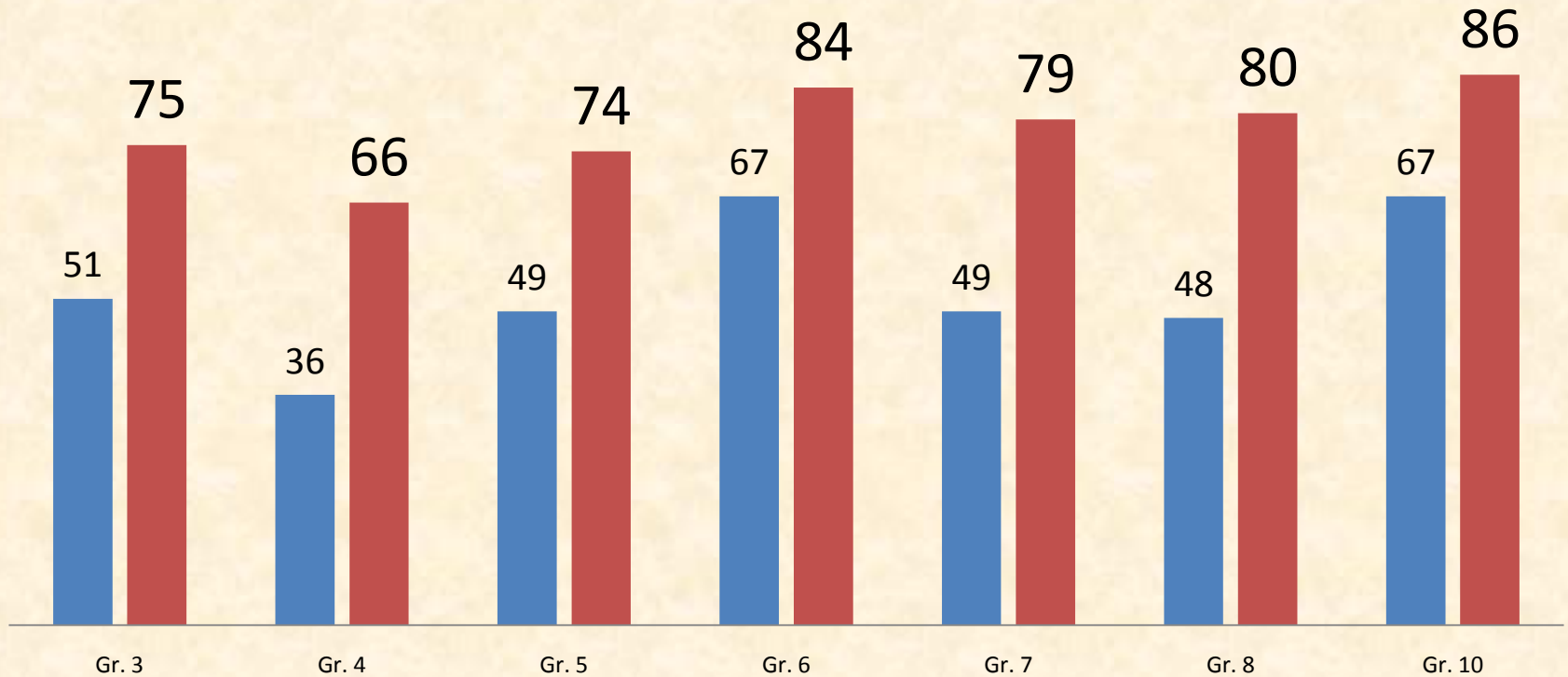


2010 Spring ELA MCAS

Low Income / Not Low Income

MCAS ELA % Students Scoring in Advanced or Proficient by Subgroup

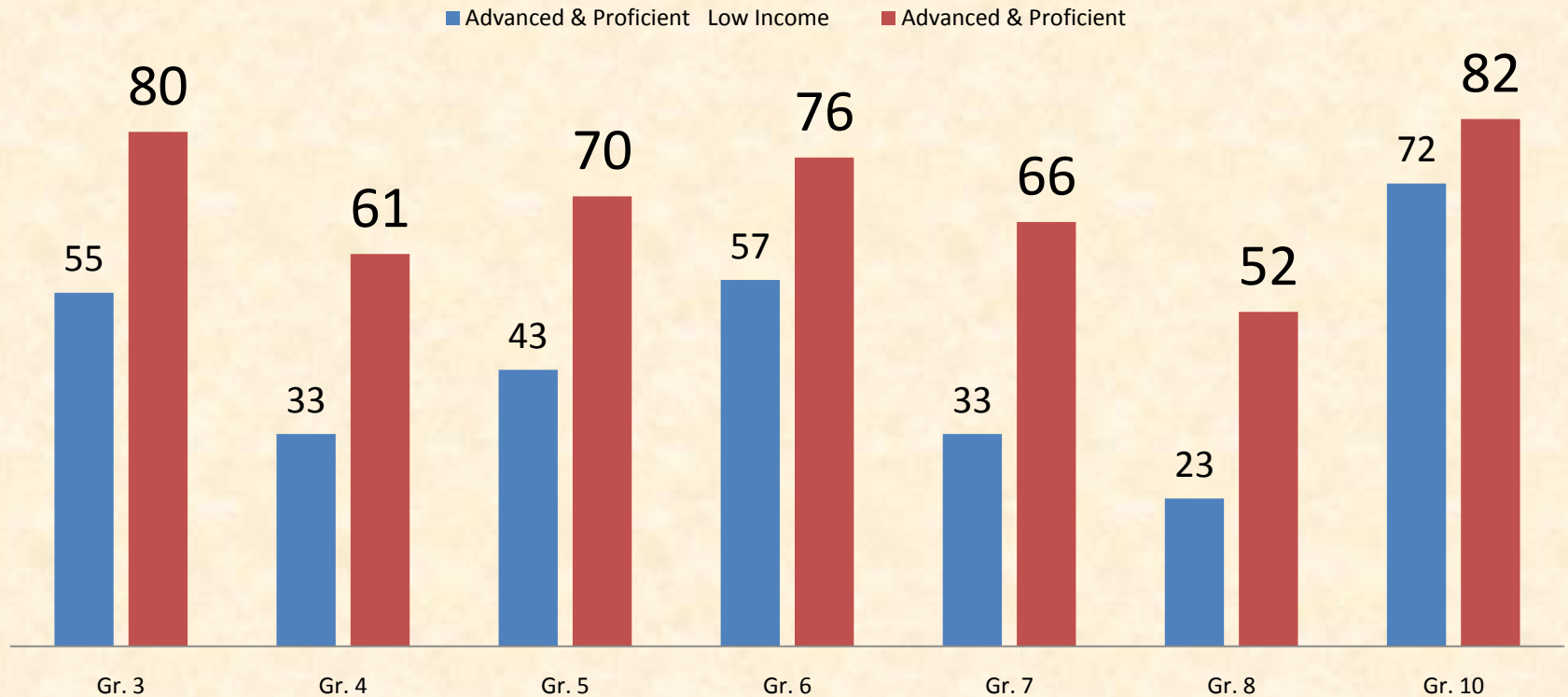
■ Advanced & Proficient Low Income Subgroup ■ Advanced & Proficient



2010 Spring MATH MCAS

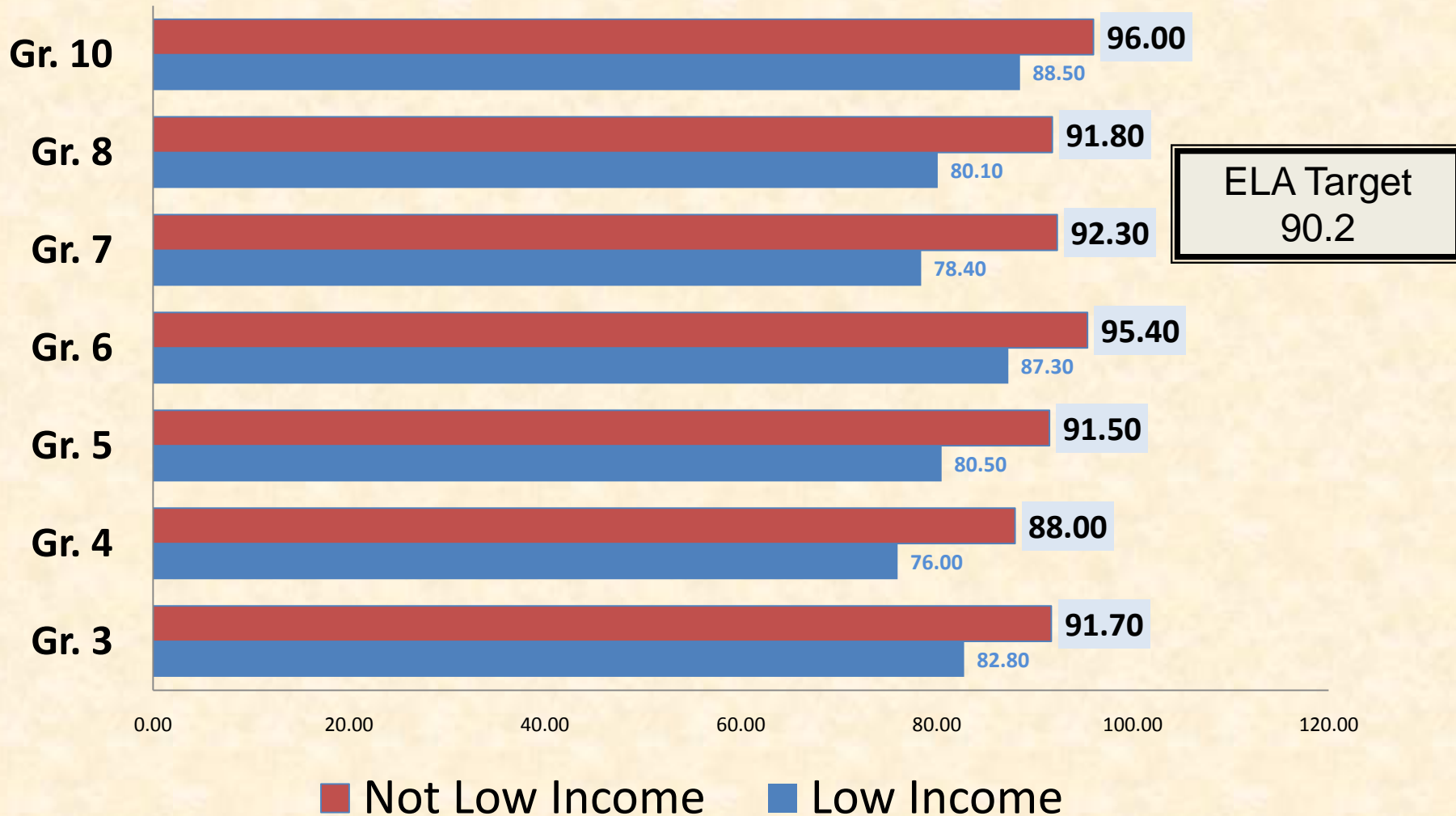
Low Income/Not Low Income

2010 MCAS MATH % Students Scoring Advanced or Proficient by Subgroup



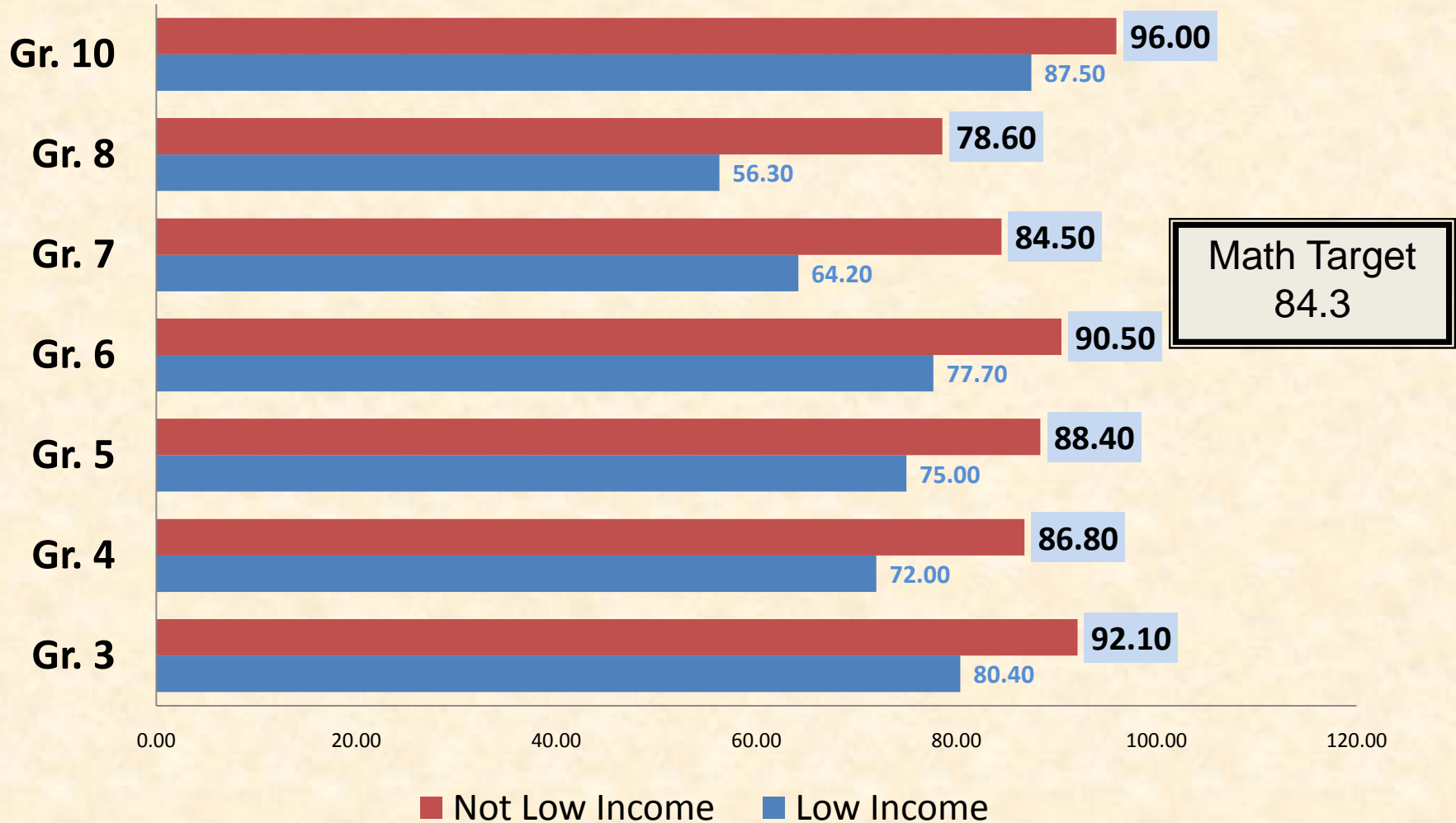
Spring 2010 ELA MCAS

District Subgroup CPI: **Low Inc./Not Low Income**

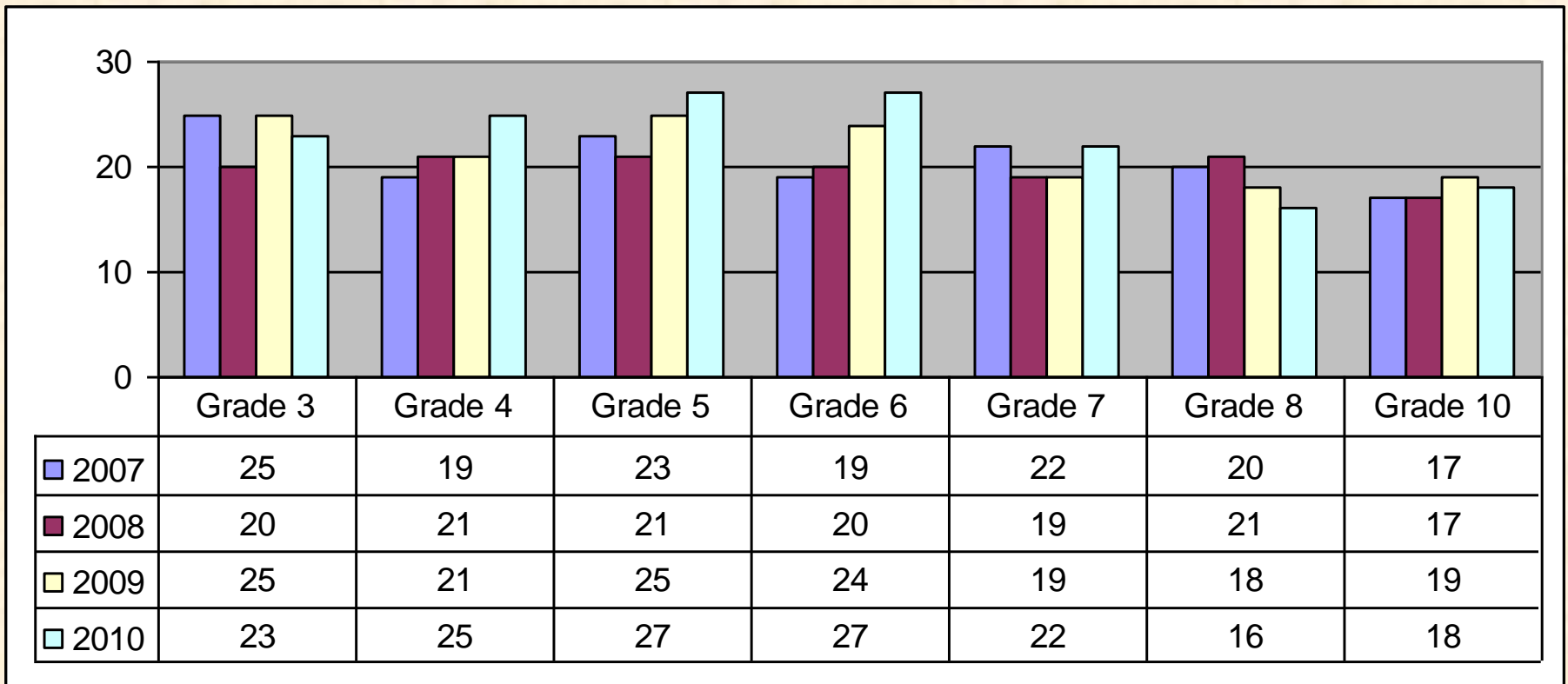


Spring 2010 Math MCAS

District Subgroup CPI: **Low Inc./Not Low Income**

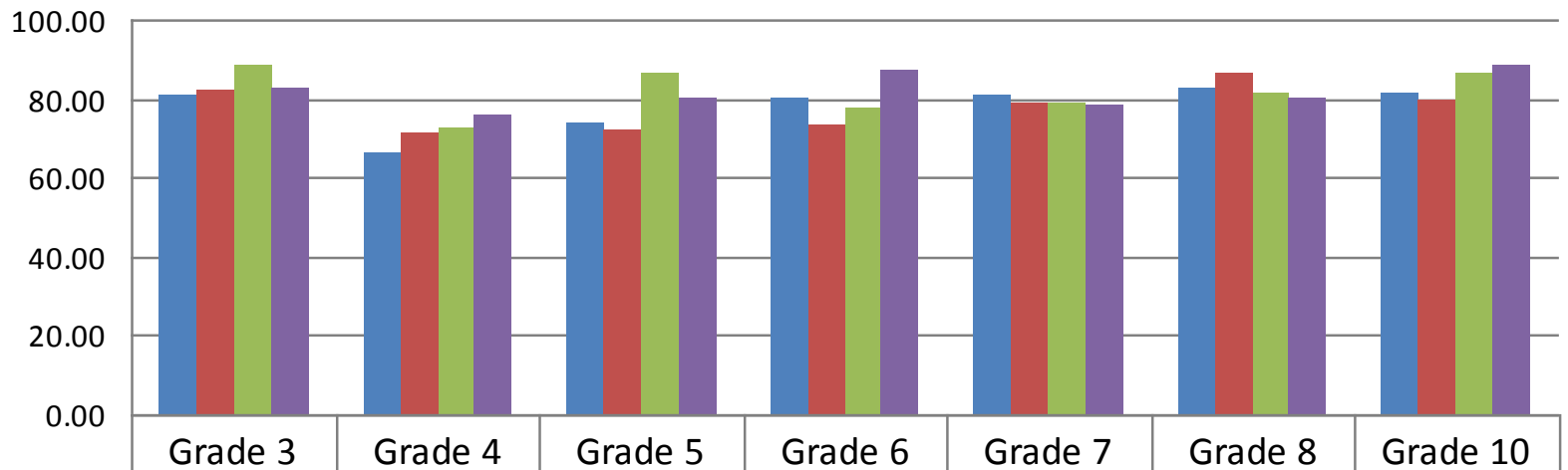


District % of Students in the Subgroup Low Inc. by Grade 2007-2010



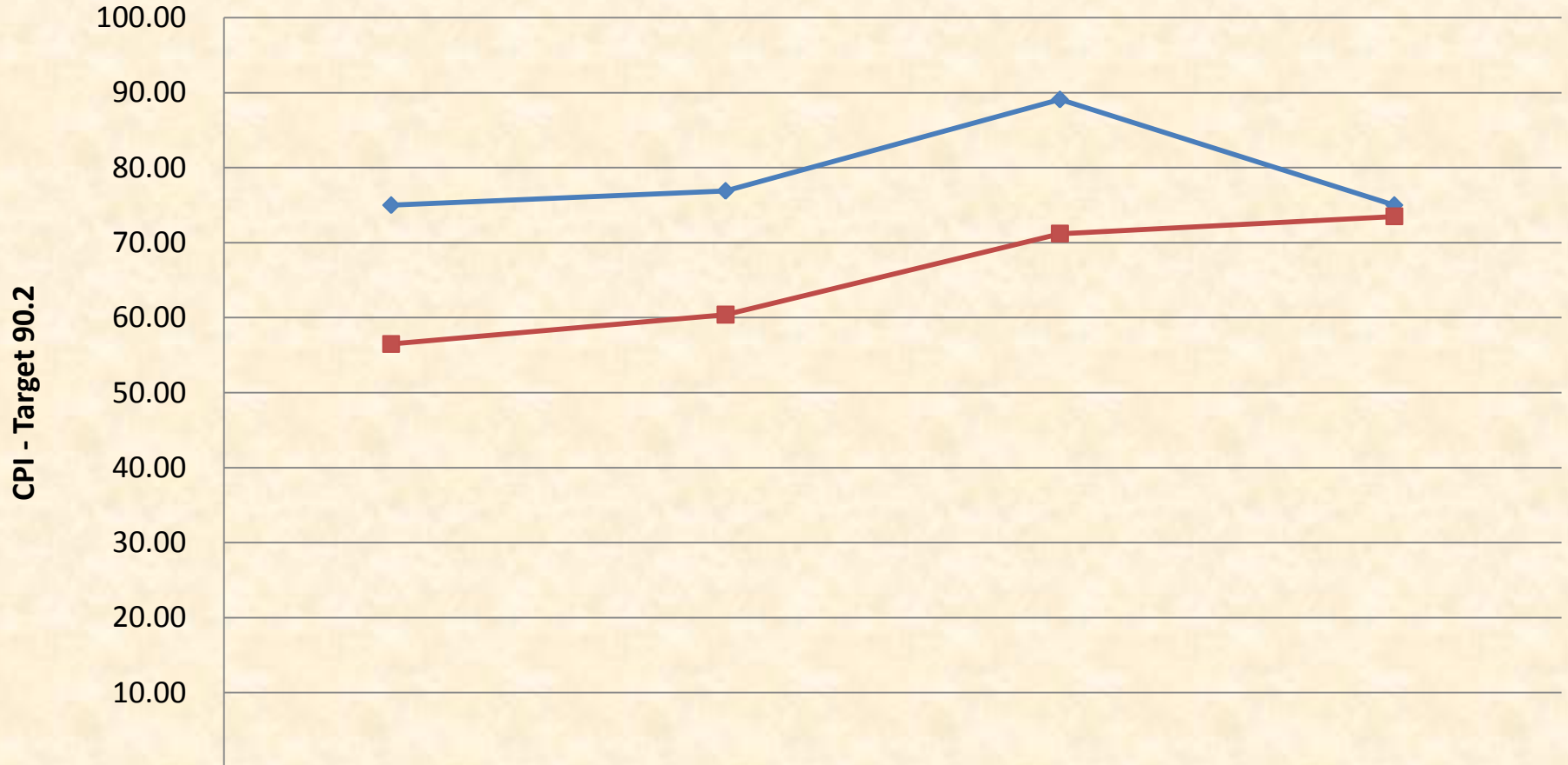
District ELA MCAS ELA by CPI for Low Inc. Subgroup 2007-2010

CPI - Target 90.2



	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8	Grade 10
Y2007	80.90	66.30	74.20	80.60	80.80	82.80	81.90
Y2008	82.20	71.80	72.10	73.30	79.00	86.70	80.00
Y2009	88.50	72.70	86.70	77.70	79.00	81.50	87.00
Y2010	82.80	76.00	80.50	87.30	78.40	80.10	88.50

Mullen-Hall ELA MCAS by CPI for the Low Income Subgroup 2007-2010



	Y2007	Y2008	Y2009	Y2010
Grade 3	75.00	76.90	89.10	75.00
Grade 4	56.50	60.40	71.20	73.50

What we know...

- Literacy skills are a **primary predictor of employability** and are strongly related to income (Murnane & Levy, 2004)
- The existence of **rich literacy opportunities** outside of the school day exists for some children.
- For other children **school is the only place** that they engage in reading, writing and exposure to literature.
- We have not yet been able to close the **“achievement gap”** ---ELL, mobility, family income, health, background knowledge, effective instruction...

Our work continues...

- School-wide Reading Assessment Teams K-8
- Year 2 of Reading Street Adoption, K-6
- NEASC
- NAEYC
- Data Teams in every building
- 738 Literacy Grant (Year 2) Training
- RISE Assessment grades 5-8
- Grades 7-12 Department Heads (ELA, Math, Social Studies)
- Piloting Math screening tools
- Reviewing survey results: EveryDay Math and Reading Street
- Title I – district-wide collaboration
- TEAM ELA and Math launch Grades 3-4

What is the Growth Model?

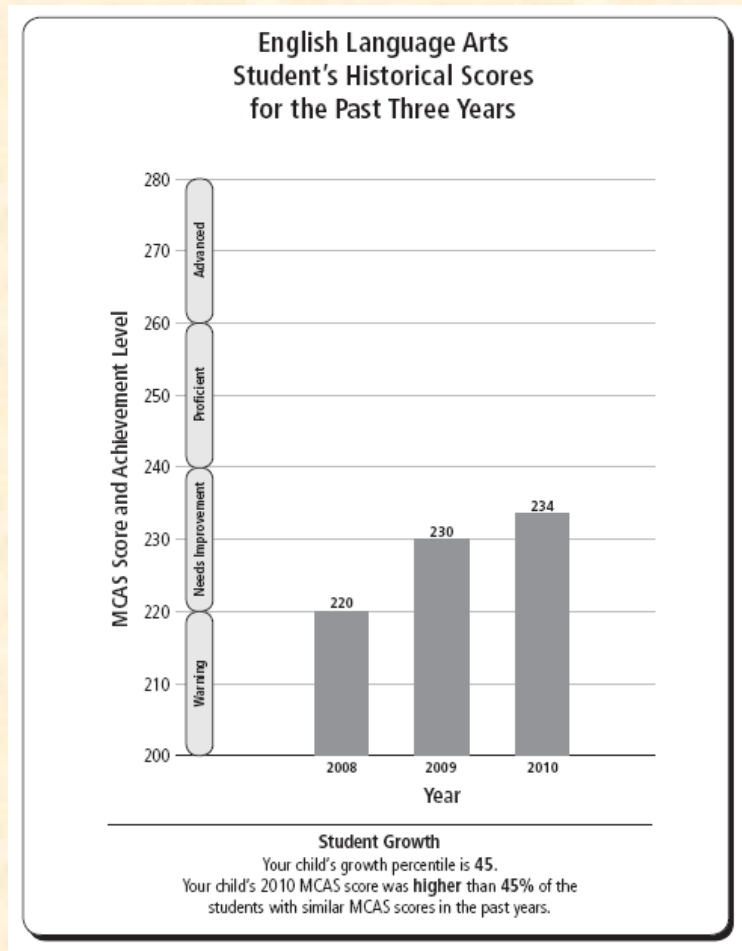
- MCAS Parent Reports will include detailed Growth Model Data in ELA and Math
- Visit www.falmouth.k12.ma.us

or

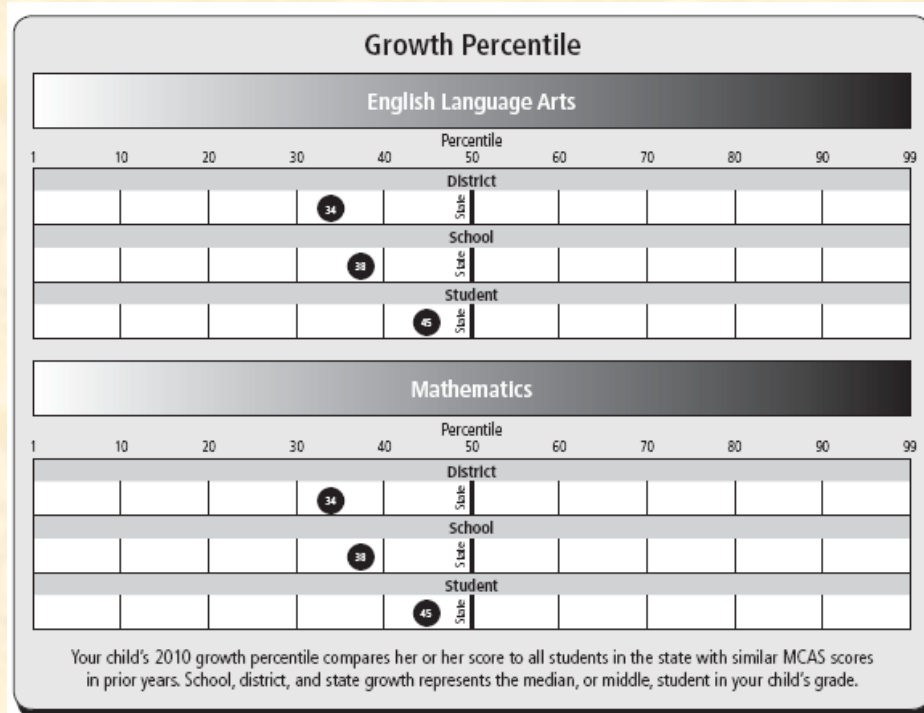
- <http://www.doe.mass.edu/mcas/parents/>
- <http://www.doe.mass.edu/mcas/growth/>

- Tutorial 2 - Understanding Growth on the MCAS Parent Report

Longitudinal and Growth Data on Parent Reports



Student, School & District Growth on Parent Reports



This section shows your child's growth percentile along with the grade 4 median, or middle, growth percentile at the school, district, and state levels.

	Your Child's Percentile	School Median	District Median	State Median
Student Growth Percentile	45	38	34	50

