

Summary of MCAS 2006 Implementation

- Grade level and subject(s) tested in 2006
 - Grade 3 Reading & Mathematics*
 - Grade 4 English Language Arts (ELA) & Mathematics
 - Grade 5 English Language Arts*, Mathematics*, & Science/Technology
 - Grade 6 English Language Arts (ELA)* & Mathematics
 - Grade 7 English Language Arts (ELA) & Mathematics*
 - Grade 8 English Language Arts (ELA)*, Mathematics & Science/Technology
 - Grade 10 English Language Arts (ELA), Mathematics & Biology*

* baseline – 1st year test implemented (**Proficiency Index not calculated for Grade 10 Biology**)

- Performance Rating
 - Generated for each subject at each grade level
 - Six possible ratings: Critically Low, Very Low, Low, Moderate, High, or Very High

Adequate Yearly Progress - According to federal law, a measure of the extent to which students in a school, taken as a whole and certain groups within the school, demonstrate proficiency in English language arts and mathematics. All schools are rated, and AYP determinations are made, based on an analysis of the performance and improvement schools and districts demonstrate toward achieving this goal. Detailed information on AYP determinations can be found on the MA Department of Education website at <http://www.doe.mass.edu/sda/ayp/cycleIV/>

Accountability Status Labels:

II-S Identified for Improvement - Subgroups only

II-A Identified for Improvement

CA-A Identified for Corrective Action

RST Identified for Restructuring

UR Status Under Review

2006 Annual Yearly Progress (AYP) Data

The Composite Proficiency Index (CPI) is a measure of the extent to which students are progressing toward proficiency (a CPI of 100) in English language arts (ELA) and mathematics. Composite Performance Indices are generated separately for English Language Arts and Mathematics and for all levels – state, district, school, and student subgroup.

(A) = All students – aggregate data

(S) = Special Education students

Yes* = Yes/Safe Harbor

Table 1 English Language Arts AYP for 2006

Student Group	2006				Cycle IV (2005 & 2006) Data					2006			AYP 2006
	Participation				Performance			Improvement		Attendance/CD			
	Enrolled	Assessed	%	Met Target	N	CPI	Met Target	CPI Change	Met Target	%	Change	Met Target	
Grades 3 – 5 (A)	1536	1534	100.0	Yes	2031	88.5	Yes	-2.6	No	96.8	-0.3	Yes	Yes
Grades 3 – 5 (S)	218	217	100.0	Yes	281	63.9	No	-10.0	No	96.2	-0.4	Yes	No
Grades 6 – 8 (A)	1451	1447	100.0	Yes	957	95.5	Yes	-0.8	No	96.6	0.0	Yes	Yes
Grades 6 – 8 (S)	235	234	100.0	Yes	142	80.5	Yes	-2.1	No	95.1	0.0	Yes	Yes
Grades 9 – 12 (A)	394	394	100.0	Yes	749	95.5	Yes	2.5	Yes	97.0	-	Yes	Yes
Grades 9 – 12 (S)	61	61	100.0	Yes	115	81.1	Yes	7.7	Yes	85.0	-	Yes	Yes

Table 2 Mathematics AYP for 2006

Student Group	2006				Cycle IV (2005 & 2006) Data					2006			AYP 2006
	Participation				Performance			Improvement		Attendance/CD			
	Enrolled	Assessed	%	Met Target	N	CPI	Met Target	CPI Change	Met Target	%	Change	Met Target	
Grades 3 – 5 (A)	1533	1532	100.0	Yes	1050	86.6	Yes	-0.6	No	96.8	-0.3	Yes	Yes
Grades 3 – 5 (S)	217	217	100.0	Yes	156	62.2	No	-2.5	No	96.2	-0.4	Yes	No
Grades 6 – 8 (A)	1456	1453	100.0	Yes	1853	83.1	Yes	3.0	Yes	96.6	0.0	Yes	Yes
Grades 6 – 5 (S)	236	235	100.0	Yes	305	54.1	No	4.6	Yes*	95.1	0.0	Yes	Yes
Grades 9 – 12 (A)	393	388	99.0	Yes	743	92.2	Yes	5.0	Yes	97.0	-	Yes	Yes
Grades 9 – 12 (S)	61	58	95.0	Yes	112	72.3	Yes	6.1	Yes	85.0	-	Yes	Yes

Proficiency Index and Performance Rating

The Proficiency Index measures how close a school or district is to meeting the NCLB expectations that all students will score in the proficient or advanced performance level by the year 2014. It is the best measure to use when comparing district or school progress over time. Table 3 shows the relationship between the Scaled Score, the Performance Level and the Proficiency Index. Each student is assigned the number of points associated with their Performance Level. A Proficiency Index is calculated for each subject area. Table 4 shows the relationship between the Proficiency Index and the Performance Rating.

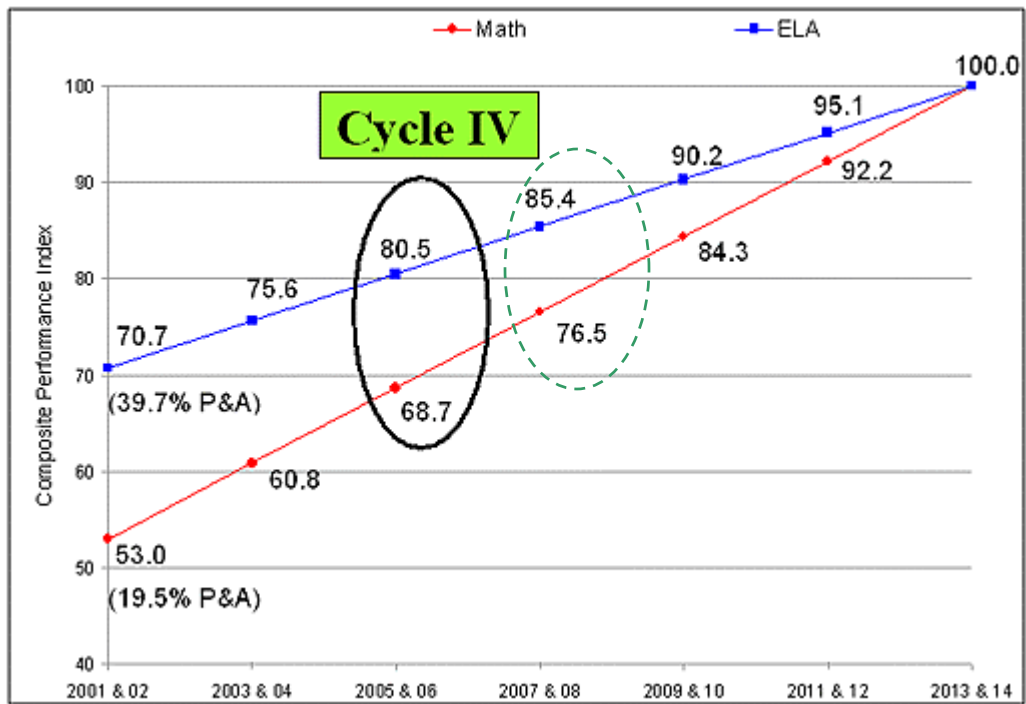
Table 3 Scaled Score, Performance Level and Proficiency Index

Scaled Score	Performance Level	Proficiency Index	
260	Advanced	Target for all Students 100 points	
240	Proficient		
220	Needs Improvement	Top half of performance level	75 points
		Bottom half of performance level	50 points
200	Failing/Warning	Top half of performance level	25 points
		Bottom half of performance level	0 points

Table 4 Proficiency Index and Performance Rating

Proficiency Index	Performance Rating
90 – 100	Very High
80 – 89.9	High
70 – 79.9	Moderate
60 – 69.9	Low
40 – 59.9	Very Low
0 – 39.9	Critically Low

State NCLB Performance Targets for ELA & Mathematics, 2001 - 2014



Green oval represents target performance numbers for Cycle V 2007-2008

Franklin Public Schools MCAS 2006

Table 5 District and State: 2006 Proficiency Index and Performance Ratings

	FRANKLIN Proficiency Index	FRANKLIN Performance Rating	STATE Proficiency Index	STATE Performance Rating
Grade 3 Reading (A)	89.7	High	83.4	High
Grade 3 Reading (S)	68.4	Low	69.3	Low
Grade 3 Mathematics (A)	87.5	High	78.0	Moderate
Grade 3 Mathematics (S)	62.1	Low	61.5	Low
Grade 4 English Language Arts (A)	86.6	High	78.8	Moderate
Grade 4 English Language Arts (S)	58.0	Very Low	59.8	Very Low
Grade 4 Mathematics (A)	85.2	High	73.3	Moderate
Grade 4 Mathematics (S)	60.1	Low	57.1	Very Low
Grade 5 English Language Arts (A)	92.6	Very High	83.7	High
Grade 5 English Language Arts (S)	70.9	Moderate	65.6	Low
Grade 5 Mathematics (A)	85.7	High	70.2	Moderate
Grade 5 Mathematics (S)	62.7	Low	49.4	Very Low
Grade 5 Science & Technology (A)	88.7	High	78.0	Moderate
Grade 5 Science & Technology (S)	73.7	Moderate	63.6	Low
Grade 6 English Language Arts (A)	95.5	Very High	84.9	High
Grade 6 English Language Arts (S)	84.4	High	65.7	Low
Grade 6 Mathematics (A)	86.0	High	70.5	Moderate
Grade 6 Mathematics (S)	71.8	Moderate	47.0	Very Low
Grade 7 English Language Arts (A)	94.3	Very High	84.5	High
Grade 7 English Language Arts (S)	76.9	Moderate	63.6	Low
Grade 7 Mathematics (A)	84.7	High	66.6	Low
Grade 7 Mathematics (S)	54.1	Very Low	42.5	Very Low
Grade 8 English Language Arts (A)	97.6	Very High	88.3	High
Grade 8 English Language Arts (S)	85.9	High	69.1	Low
Grade 8 Mathematics (A)	82.1	High	66.3	Low
Grade 8 Mathematics (S)	48.7	Very Low	41.6	Very Low
Grade 8 Science & Technology (A)	83.8	High	65.6	Low
Grade 8 Science & Technology (S)	59.6	Very Low	45.4	Very Low
Grade 10 English Language Arts (A)	96.4	Very High	86.7	High
Grade 10 English Language Arts (S)	84.0	High	66.6	Low
Grade 10 Mathematics (A)	93.3	Very High	83.2	High
Grade 10 Mathematics (S)	77.6	Moderate	61.8	Low

(A) = All students – aggregate data
(S) = Special Education students

Longitudinal Data

Table 6 Grade 3 Reading

Year	Grade 3 Reading	
	Proficiency Index	Performance Rating
2001	90.1	Very High
2002	92.0	Very High
2003	88.6	High
2004	82.8	High
2005	90.4	Very High
2006	89.7	High

Table 7 Grade 3 Mathematics

Year	Grade 3 Mathematics	
	Proficiency Index	Performance Rating
2006	87.5	High

Table 8 Grade 4 English Language Arts

Year	Grade 4 English Language Arts	
	Proficiency Index	Performance Rating
2001	92.0	Very High
2002	92.3	Very High
2003	91.3	Very High
2004	91.9	Very High
2005	87.3	High
2006	86.6	High

Table 9 Grade 4 Mathematics

Year	Grade 4 Mathematics	
	Proficiency Index	Performance Rating
2001	85.6	High
2002	87.7	High
2003	87.0	High
2004	88.0	High
2005	87.8	High
2006	85.2	High

Table 10 Grade 5 English Language Arts

Year	Grade 5 English Language Arts	
	Proficiency Index	Performance Rating
2006	92.6	Very High

Table 11 Grade 5 Mathematics

Year	Grade 5 Mathematics	
	Proficiency Index	Performance Rating
2006	85.7	High

Table 12 Grade 5 Science & Technology

Year	Grade 5 Science & Technology	
	Proficiency Index	Performance Rating
2003	89.2	High
2004	89.0	High
2005	91.0	Very High
2006	88.7	High

Table 13 Grade 6 English Language Arts

Year	Grade 6 English Language Arts	
	Proficiency Index	Performance Rating
2006	95.5	Very High

Table 14 Grade 6 Mathematics

Year	Grade 6 Mathematics	
	Proficiency Index	Performance Rating
2002	80.9	High
2003	81.3	High
2004	86.3	High
2005	85.0	High
2006	80.9	High

Table 15 Grade 7 English Language Arts

Year	Grade 7 English Language Arts	
	Proficiency Index	Performance Rating
2002	96.6	Very High
2003	96.5	Very High
2004	95.9	Very High
2005	96.8	Very High
2006	94.3	Very High

Table 16 Grade 7 Mathematics

Year	Grade 7 Mathematics	
	Proficiency Index	Performance Rating
2006	84.7	High

Table 17 Grade 8 English Language Arts

Year	Grade 8 English Language Arts	
	Proficiency Index	Performance Rating
2006	97.6	Very High

Table 18 Grade 8 Mathematics

Year	Grade 8 Mathematics	
	Proficiency Index	Performance Rating
2001	74.2	Moderate
2002	73.5	Moderate
2003	76.3	Moderate
2004	77.1	Moderate
2005	80.3	High
2006	82.1	High

Table 19 Grade 8 Science & Technology

Year	Grade 8 Science & Technology	
	Proficiency Index	Performance Rating
2003	87.3	High
2004	82.1	High
2005	84.9	High
2006	83.8	High

Table 20 Grade 10 English Language Arts

Year	Grade 10 English Language Arts	
	Proficiency Index	Performance Rating
2001	87.6	High
2002	91.0	Very High
2003	91.7	Very High
2004	93.6	Very High
2005	94.7	Very High
2006	96.4	Very High

Table 21 Grade 10 Mathematics

Year	Grade 10 Mathematics	
	Proficiency Index	Performance Rating
2001	83.8	High
2002	82.3	High
2003	83.3	High
2004	89.9	High
2005	91.4	Very High
2006	93.3	Very High

MCAS Cohort Studies

Table 22 Cohort 2008

	Proficiency Index	Performance Rating
Grade 7 ELA 2003	96.5	Very High
Grade 10 ELA 2006	96.4	Very High
Grade 6 Mathematics 2002	80.9	High
Grade 8 Mathematics 2004	77.1	Moderate
Grade 10 Mathematics 2006	93.3	Very High

Table 23 Cohort 2009

	Proficiency Index	Performance Rating
Grade 4 ELA 2001	92.0	Very High
Grade 7 ELA 2004	95.9	Very High
Grade 4 Mathematics 2001	85.6	High
Grade 6 Mathematics 2003	81.3	High
Grade 8 Mathematics 2005	80.3	High

Table 24 Cohort 2010

	Proficiency Index	Performance Rating
Grade 3 Reading 2001	90.1	Very High
Grade 4 ELA 2002	92.3	Very High
Grade 7 ELA 2005	96.8	Very High
Grade 8 ELA 2006	97.6	Very High
Grade 4 Mathematics 2002	87.7	High
Grade 6 Mathematics 2004	86.3	High
Grade 8 Mathematics 2006	82.1	High

Table 25 Cohort 2011

	Proficiency Index	Performance Rating
Grade 3 Reading 2002	92.0	Very High
Grade 4 ELA 2003	91.3	Very High
Grade 7 ELA 2006	94.3	Very High
Grade 4 Mathematics 2003	87.0	High
Grade 6 Mathematics 2005	85.0	High
Grade 7 Mathematics 2006	84.7	High

Table 26 Cohort 2012

	Proficiency Index	Performance Rating
Grade 3 Reading 2003	88.6	High
Grade 4 ELA 2004	91.9	Very High
Grade 6 ELA 2006	95.5	Very High
Grade 4 Mathematics 2004	88.0	High
Grade 6 Mathematics 2006	86.0	High

Table 27 Cohort 2013

	Proficiency Index	Performance Rating
Grade 3 Reading 2004	82.8	High
Grade 4 ELA 2005	87.3	High
Grade 5 ELA 2006	92.6	Very High
Grade 4 Mathematics 2005	87.8	High
Grade 5 Mathematics 2006	85.7	High

Table 28 Cohort 2014

	Proficiency Index	Performance Rating
Grade 3 Reading 2005	90.4	Very High
Grade 4 ELA 2006	86.6	High
Grade 4 Mathematics 2006	85.2	High

Table 29 Cohort 2015

	Proficiency Index	Performance Rating
Grade 3 Reading 2006	89.7	High
Grade 3 Mathematics 2006	87.5	High