



MCAS Results Spring 2017

Franklin Public Schools
School Committee Presentation
November 28, 2017

Agenda



Brief History and Overview

Proficiency Ratings

MCAS 2.0 Results for Grades 3-5 with Analysis

MCAS 2.0 Results for Grades 6-8 with Analysis

MCAS Science Results for Grades 5 and 8

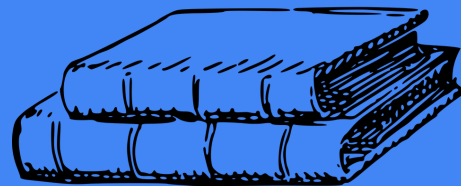
MCAS Results for Franklin High School

Comparison Data

Next Steps Including Connection to DIP and SIPs

Testing in 2018 and Beyond

Brief History and Overview



State testing in Massachusetts to comply with Federal mandates began almost 20 years ago

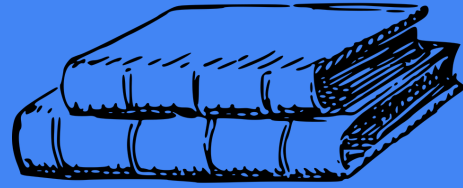
Grades 3-8

The legacy ELA and Math MCAS tests were paper based and were administered to all students for many years

This test was followed by several years of PARCC testing in Franklin as a replacement for the legacy MCAS in accordance with state opportunities to explore new tests

Massachusetts developed its own version of a next generation computer based test called MCAS 2.0

In Spring of 2017 students in Grades 3-8 took MCAS 2.0 in ELA and Math



Brief History and Overview

Spring 2016

Students in Grades 3-8 took PARCC tests

- All tests were computer based
- Students were tested in ELA and Math

Science tests were given in Grades 5 and 8

High School tests in ELA, Math and Science

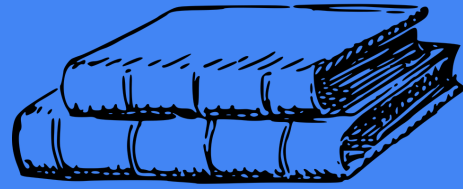
Spring 2017

Students in Grades 3-8 took MCAS 2.0 tests

- All tests were computer based
- Students were tested in ELA and Math

Science tests were given in Grades 5 and 8

High School tests in ELA, Math and Science



Brief History and Overview

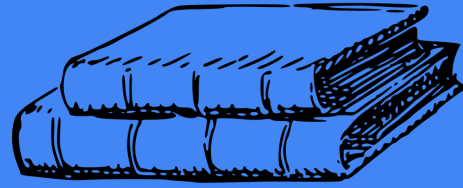
Grades 3-8

The elementary and middle schools were “held harmless” for state accountability purposes with the 2017 data

The legacy Science MCAS test has been continued thus far in grades 5 and 8

Comparisons between MCAS 2.0, Legacy MCAS, and PARCC are not advised

- The two tests are quite different in content, administration, and scoring
- The next generation testing has a focus on a student’s ability to think critically, apply knowledge, and make connections between reading and writing
- This is to be considered a baseline year for results in these tests and grades
- The student growth data and other comparisons will be more reliable in future years



Brief History and Overview

Franklin High School

The legacy MCAS testing for the high school has remained unchanged to date

- Students at FHS take the Biology MCAS test in Grade 9
- Students at FHS take the ELA and Math MCAS tests in Grade 10

Schools and districts have been assigned an accountability level (Levels 1-5) based on student achievement, growth, and goals that have been set by the state

- Accountability is calculated by adding: MCAS performance, MCAS growth, ACCESS scores for ELL students, dropout rates, re-engagement rates over a 4 year period of time as well as meeting targets set by the state

FHS is now a Level 2 school-down from Level 1 in the past as the “gap narrowing” goals set by the state were not met for the sub-group of High Needs students

Proficiency Ratings



Legacy

Advanced: Students at this level demonstrate a comprehensive and in-depth understanding of rigorous subject matter, and provide sophisticated solutions to complex problems.

Proficient: Students at this level demonstrate a solid understanding of challenging subject matter and solve a wide variety of problems.

Needs Improvement: Students at this level demonstrate a partial understanding of subject matter and solve some simple problems.

Warning: Students at this level demonstrate a minimal understanding of subject matter and do not solve simple problems.

MCAS 2.0

Exceeding Expectations (EE): A student who performed at this level exceeded grade-level expectations by demonstrating mastery of the subject matter. (530-560)

Meeting Expectations (ME): A student who performed at this level met grade-level expectations and is academically on track to succeed in the current grade in this subject. (500-529)

Partially Meeting Expectations (PM): A student who performed at this level partially met grade-level expectations in this subject. The school, in consultation with the student's parent/guardian, should consider whether the student needs additional academic assistance to succeed in this subject. (470-499)

Not Meeting Expectations (NM): A student who performed at this level did not meet grade-level expectations in this subject. The school, in consultation with the student's parent/guardian, should determine the coordinated academic assistance and/or additional instruction the student needs to succeed in this subject. (440-469)



NEW

Results for Grades 3-5

Percentage of Students Meeting or Exceeding Expectations

	District M+	State M+	% Above State M+
Grade 3 ELA	63	47	16
Grade 3 Math	66	49	17
Grade 4 ELA	63	48	15
Grade 4 Math	61	49	12
Grade 5 ELA	66	49	17
Grade 5 Math	70	46	24

Scaled Scores Including High Needs Students

Elementary (State average set at 500)

Subject	Grade	District Average Scaled Score ALL	District Average Scaled Score High Needs
ELA	3	506.2	492.1
Math	3	506.9	493.1
ELA	4	507.7	491
Math	4	504	488.7
ELA	5	507.9	490.1
Math	5	510.3	494.4

Analysis



District:

- All tests were a minimum of 12% ahead of the state result for the M+ category
- All tests were above the state average scaled score of 500
- Have significant work to do with our High Needs population to show improvement on MCAS 2.0
 - Data analysis at the district and school levels will be done to identify students at risk and determine appropriate steps
- Results varied by school
 - Data analysis at the district and school levels will be done to identify the specific learning standards and items that were both successful and challenging for our students



NEW

Results for Grades 6-8

Percentage of Students Meeting or Exceeding Expectations

	District M+	State M+	% Above State M+
Grade 6 ELA	64	50	14
Grade 6 Math	67	49	18
Grade 7 ELA	62	50	12
Grade 7 Math	64	47	17
Grade 8 ELA	62	49	13
Grade 8 Math	53	48	5

Scaled Scores Including High Needs Students

Middle Schools (State average set at 500)

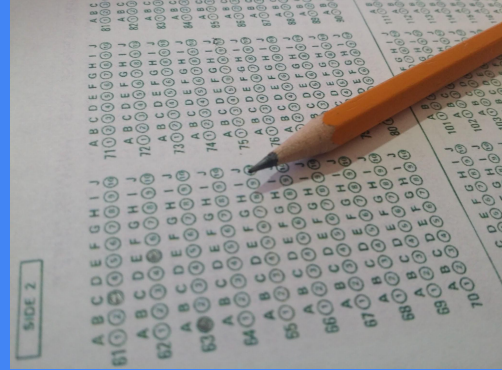
Subject	Grade	District Average Scaled Score ALL	District Average Scaled Score High Needs
ELA	6	506	487.6
Math	6	509.3	491.1
ELA	7	504.3	487
Math	7	506.8	489.4
ELA	8	504.9	489.4
Math	8	502.2	485.3

Analysis



- All tests were a minimum of 5% ahead of the state result for the M+ category
- All tests were above the state average scaled score of 500
- Have significant work to do with our High Needs population to show improvement on MCAS 2.0
 - Data analysis at the district and school levels will be done to identify students at risk and determine appropriate steps
- Results varied by school
 - Data analysis at the district and school levels will be done to identify the specific learning standards and items that were both successful and challenging for our students

Legacy MCAS Results



Legacy MCAS Science for Grades 5 and 8

Grade	District ALL P+	State ALL P+	Above State % All P+	District High Needs P+	State High Needs P+	Above State % High Needs P+
5	61	46	15	33	27	6
8	48	40	8	23	18	5

Analysis



- All tests were ahead of the state result for the P+ category
- Have work to do with our High Needs population to show improvement
- Results varied by school
 - Data analysis at the district and school levels will be done to identify the specific learning standards and items that were both successful and challenging for our students
- The Science MCAS will transition to MCAS 2.0 and be electronically administered beginning in 2018
- The MA Science and Technology Standards of 2016 are being phased in over a 3-4 year period in Franklin at the same time that the state transitions to Science testing that reflects the new standards

MCAS Results for Franklin High School

Percentage of Students Proficient and Advanced-Historical Comparison

	2017 District P+	2017 State P+	2017 % Above State P+	2016 District P+	2016 State P+	2016 % Above State P+	2015 District P+	2015 State P+	2015 % Above State P+
Grade 10 ELA	96	91	5	99	92	7	98	91	7
Grade 10 Math	89	79	10	92	78	14	90	75	15
Science	93	74	19	93	75	18	92	73	19

Analysis



FHS

Franklin High School dropped from a Level 1 to a Level 2 school with the 2017 data

- Continued data analysis will be conducted to determine how to impact this result going forward including the analysis of dropout data and target goals set by the state
- Continued data analysis will be conducted with regard to our High Needs population to continue to identify students at risk and determine appropriate next steps
- Continued item and strand data analysis will be conducted to determine possible adjustments in curriculum, instruction, or materials to drive improvement

Grades 3-8 Comparison Data for ELA M+

District	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8
Franklin	63	63	66	64	62	61
Medway	63	74	69	74	58	63
Ashland	52	55	50	63	66	69
Holliston	64	65	61	75	79	69
Hopkinton	85	78	75	72	81	87
Medfield	66	75	72	74	70	69
Natick	59	68	55	63	65	65

Grades 3-8 Comparison Data for Math M+

District	Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8
Franklin	66	61	70	67	64	53
Medway	67	67	60	71	65	73
Ashland	46	56	55	66	71	70
Holliston	56	56	62	76	73	59
Hopkinton	87	76	71	70	83	87
Medfield	57	72	75	74	77	60
Natick	62	62	65	61	61	67

Grades 5 and 8 Comparison Data for Science P+

District	Grade 5	Grade 8
Franklin	61	49
Medway	53	48
Ashland	51	54
Holliston	60	59
Hopkinton	70	74
Medfield	66	56
Natick	69	59

Grades 9 and 10 Comparison Data P+

District	ELA	Math	Science	Level
Franklin	97	90	94	2
Medway	99	93	85	2
Ashland	98	95	93	1
Holliston	99	98	95	2
Hopkinton	98	96	97	1
Medfield	98	95	94	2
Natick	96	91	92	1



Next Steps Including Connections to DIP

DIP Strategic Objective:

- *To ensure that all students are supported and challenged to reach their full potential, the Franklin Public Schools will align curriculum, best instructional practices, and varied assessment opportunities to personalize learning and meet individual needs.*

MCAS is one measure of student achievement among others such as local assessments and other standardized tests

- We engage in extensive data analysis to get the most information from MCAS so that we can work with students and staff
- The analysis is done by test, by grade, by school, and by department
- Changes to curriculum, instruction, and/or assessment result from this in-depth analysis

Testing in 2018 and Beyond



Students in Grades 3-8 will continue to take the computer based MCAS 2.0 in ELA and Math

Starting in the Spring of 2018, Science in Grades 5 and 8 will also become computer based tests

The current Grade 8 class is expected to be the first Grade 10 class to take the next generation of tests (MCAS 2.0) at the high school level

- The state is still determining the impact on the high school competency requirement as a result of this change to MCAS 2.0
- Subject to vote by the Board of Elementary and Secondary Education during the winter of 2018

Questions?

