Brookline High School

MCAS Competency Determination Update

MCAS Scores 2014 - 2017

Whole School Scores				
(Percentages Represent Total Number of Proficient and Advanced Scores)				
	2014	**2015**	**2016**	**2017**
ELA	97%	97%	97%	99%
Math	94%	93%	93%	92%
Physics	88%	92%	88%	89%

Class of 2018- Appeals

No appeals were filed for the class of 2018. No 2018 student did not graduate because of the MCAS examinations

In 2017 there were two seniors had not passed all MCAS tests. One graduated in August 2017 (Sci MCAS), the other following the November retest (Math MCAS)

2017 MCAS Results

MCAS FAILURES ON FIRST TESTING			
ELA - 2014	ELA - 2015	ELA - 2016	ELA - 2017
1%	0%	1%	0.4% (n=2)
MATH - 2014	MATH - 2015	MATH - 2016	MATH - 2017
2%	3%	2%	2.1% (n=10)
Phys.- 2014	Phys- 2015	Phys- 2016	Phys- 2017
2%	2%	2%	2.6% (n=12)

ELA MCAS Scores 2014 - 2017

Whole School Scores and Scores Disaggregated by Sub-Groups				
(Percentages Represent Total Number of Proficient and Advanced Scores)				
	ELA 2014	**ELA 2015**	**ELA 2016**	**ELA 2017**
BHS	97%	97%	97%	99%
BHSWHITE	99%	100%	99%	100%
BHS HISPANIC	91%	95%	92%	97%
BHSASIAN	96%	98%	98%	100%
BHSAA	88%	93%	81%	94%
BHSMULTI RACE/ NON HISPANIC	96%	91%	98%	97%

ELA MCAS 2017

Brookline High - Grade 10 English Language Arts

	% Proficient or Higher	% Advanced	% Proficient	% Needs Improvement	% Warning/ Failing	CPI	N Included	Median SGP	N Included in SGP	Achievement Percentile
All Students										
All Students	99	78	21	1	0	99.2	473	66.0	422	
Economic Status										
Economically Disadvantaged	91	45	46	5	4	95.1	56	52.0	45	
Non-Economically Disadvantaged	100	82	17	0	0	99.8	417	68.0	377	
Disability Status										
Students w/ Disabilities	91	39	52	6	3	95.3	79	54.0	72	
Non-Disabled	100	86	14	0	0	100.0	394	70.0	350	
English Language Learner (ELL) Status										
ELL							9		3	
Non-ELL	98	79	19	1	0	99.2	464	66.0	419	
Race/Ethnicity										
African Amer./Black	93	37	57	3	3	95.8	30	52.5	28	
Asian	100	83	17	0	0	100.0	70	78.0	57	
Hispanic/Latino	96	60	29	4	0	90.7	56	69.5	52	
Multi-Race, Non-Hisp./Lat.	97	87	10	3	0	98.4	31	76.5	28	
Nat. Haw. or Pacif. Isl.							1		1	
White	99	82	18	0	0	99.6	285	62.5	256	
Gender										
Male	97	69	28	2	1	98.5	224	62.0	199	
Female	100	86	14	0	0	99.8	249	70.0	223	
Title 1 Status										
Non-Title 1	99	78	21	1	0	99.2	473	66.0	422	
High Needs Status										
High Needs	94	47	47	4	2	96.8	119	56.5	100	
Non-High Needs	100	88	12	0	0	100.0	354	71.0	322	
Former ELL Status										
Former ELL							5		4	
Non-Former ELL	99	78	21	1	0	99.2	468	66.0	418	
ELL and Former ELL Status										
ELL and Former ELL	100	43	57	0	0	100.0	14		7	
Ever ELL Status										
Ever ELL	98	68	30	2	0	99.1	57	75.0	45	

MATH MCAS Scores 2014 - 2017

Whole School Scores and Scores Disaggregated by Sub-Groups				
(Percentages Represent Total Number of Proficient and Advanced Scores)				
	Math 2014	**Math 2015**	**Math 2016**	**Math 2017**
BHS	94%	93%	93%	92%
BHSWHITE	98%	96%	91%	95%
BHS HISPANIC	84%	78%	82%	82%
BHSASIAN	98%	100%	100%	100%
BHSAA	79%	78%	72%	66%
BHSMULTIRACE/ NON HISPANIC	93%	90%	94%	97%

MATH MCAS 2017

Brookline High - Grade 10 Mathematics

	% Proficient or Higher	% Advanced	% Proficient	% Needs Improvement	% Warning/ Failing	CPI	N Included	Median SGP	N Included in SGP	Achievement Percentile
All Students										
All Students	92	79	13	6	2	96.3	471	63.0	421	
Economic Status										
Economically Disadvantaged	68	39	29	20	12	82.6	56	46.0	45	
Non-Economically Disadvantaged	96	85	11	4	1	98.2	415	64.5	376	
Disability Status										
Students w/ Disabilities	70	34	35	19	11	83.9	79	52.0	71	
Non-Disabled	97	88	9	3	0	98.9	392	65.0	350	
English Language Learner (ELL) Status										
ELL							9		3	
Non-ELL	93	80	13	5	2	96.7	462	63.0	418	
Race/Ethnicity										
African Amer./Black	66	38	28	24	10	83.6	29	47.0	27	
Asian	100	90	10	0	0	100.0	70	69.0	57	
Hispanic/Latino	82	59	23	14	4	92.4	56	68.0	52	
Multi-Race, Non-Hisp./Lat.	97	94	3	0	3	97.6	31	69.5	28	
Nat. Haw. or Pacif. Isl.							1		1	
White	95	83	12	4	1	97.4	284	61.0	256	
Gender										
Male	90	78	12	6	4	94.6	226	68.5	202	
Female	94	80	14	5	0	98.0	245	58.0	219	
Title 1 Status										
Non-Title 1	92	79	13	6	2	96.3	471	63.0	421	
High Needs Status										
High Needs	74	44	30	18	8	86.8	119	56.0	99	
Non-High Needs	99	91	7	1	0	99.6	352	65.0	322	
Former ELL Status										
Former ELL							5		4	
Non-Former ELL	92	79	13	6	2	96.3	466	63.0	417	
ELL and Former ELL Status										
ELL and Former ELL	71	64	7	21	7	85.7	14		7	
Ever ELL Status										
Ever ELL	89	77	12	5	5	93.9	57	64.0	45	

SCIENCE MCAS Scores 2014 - 2017

Whole School Scores and Scores Disaggregated by Sub-Groups				
(Percentages Represent Total Number of Proficient and Advanced Scores)				
	Physics 2014	**Physics 2015**	**Physics 2016**	**Physics 2017**
BHS	88%	92%	88%	88%
BHS WHITE	94%	95%	92%	92%
BHS HISPANIC	76%	89%	81%	81%
BHS ASIAN	89%	98%	91%	91%
BHS AA	68%	58%	53%	53%
BHS MULTIRACE/ NON HISPANIC	75%	89%	100%	100%

November 2017 Retest

Students to take Nov. MCAS Retest   **27**
    Newly enrolled students   8
    Previously tested BHS students   12
    ELL Students   3
    Absent 2017   4

Students to take Nov. ELA & Math Retest   **11**
    Newly enrolled students   8
    Previously tested BHS students   2
    Absent for both 2017   1

Students to take only Nov. ELA Retest   **4**
    Absent for 2017   1
    ELL Students   3

Students to take only Nov. Math Retest   **12**
    Newly enrolled students   1
    Absent 2017   1
    Previously tested   10

Results:

1 student failed ELA

6 students failed Math

March 2018 Retest

Students to take March retest: 7

    Newly Enrolled students: 3

    Previously tested BHS students: 3

    Previously Absent Student   1

Students taking ELA and Math Retest: 4

    Newly Enrolled Students: 3

    Previously Absent Students: 1

Students to take only Math March Retest: 3

    Previously Tested BHS Students: 3

    Previously Absent Student: 0

Results: The one student who had previously been absent for both ELA and Math failed both exams.

    All other students passed either ELA, Math or both.

February 2018 Biology Test

- Number of Students to take Biology: 17
- Number of New Students: 14*
- Number of Previously Tested BHS Students: 3
- Result: All students passed.

*Students designated as new include 11th grade students who did not participate in the retests as they will participate in the grade 10 exams.