
PUBLIC SCHOOLS OF BROOKLINE

PSB Data Report
Grade Level Outcomes by Race/Ethnicity
June 1, 2017



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Objectives

- Further explore and create a better understanding of the achievement and opportunity gaps in our district.
- Discuss priorities for addressing equity across the district.

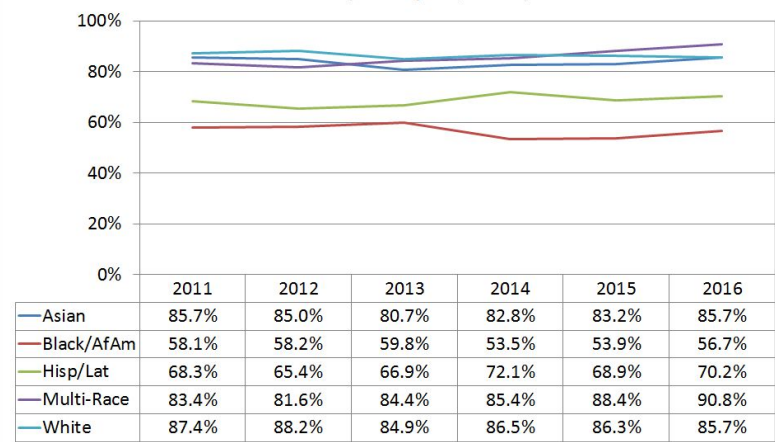
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2011-2016 District MCAS Results

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MCAS Review: 2011-2016 ELA

K-8 MCAS ELA Proficiency Rates by Race/Ethnicity 2011-2016

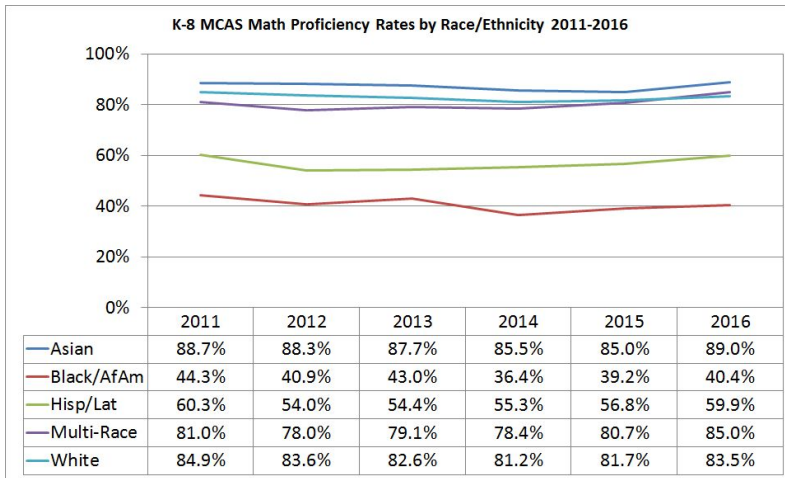


The 2011 ELA achievement gap between Black/African American and White students was 29 percentage points. In spring 2016, the achievement gap between these two groups remains at 29 percentage points.

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*Multi-Race = Non Hispanic/Latino

MCAS Review: 2011-2016 Math



The 2011 Math achievement gap between Black/African American and White students was 40 percentage points. In spring 2016, the achievement gap between these two groups increased to 43 percentage points.

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*Multi-Race = Non Hispanic/Latino

Overview

- District level data based on achievement and opportunity
- Aggregate level data reported for three grade spans:
 - Elementary: Grades 1-5
 - Middle: Rising 9th graders
 - High: Grades 9-12
- Each dataset broken down by:
 - All students
 - Race/Ethnicity

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PSB Enrollment (SY16-17)

	#
District Total	7,695
Grades 1-5	3,133
Grades 6-8	1,656
Brookline High	2,009

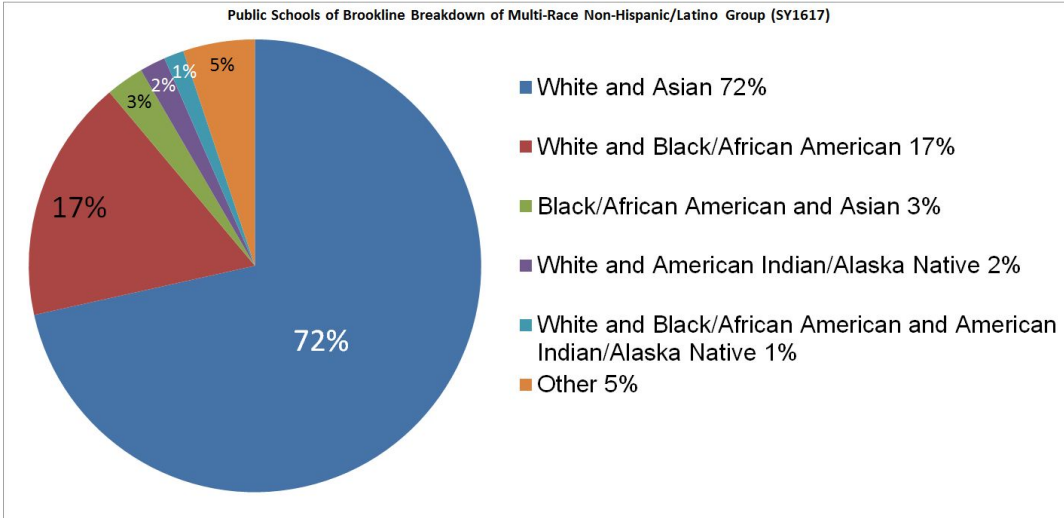
	#	%
Asian	1,485	19%
Black/African American	454	6%
Hispanic/Latino	785	10%
Multi-Race Non-Hispanic/Latino	700	9%
White	4,232	55%

Source: PSB October 1 SIMS submission to DESE

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Multi-Race Non-Hispanic/Latino Breakdown (SY16-17)

Public Schools of Brookline Breakdown of Multi-Race Non-Hispanic/Latino Group (SY1617)



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Data Notes

- When available, data is based on:
 - Most recent school year
 - State submissions
- Presentation is limited to one year of data
 - We have found similar trends across years
- N sizes for student groups have been removed when less than 10 students made up that subgroup.*

*Note: There was only 1 student across the district who identified as Hawaiian/Pacific Islander. This student was left out of the data presented for confidentiality purposes. ⁹

District Results - High School

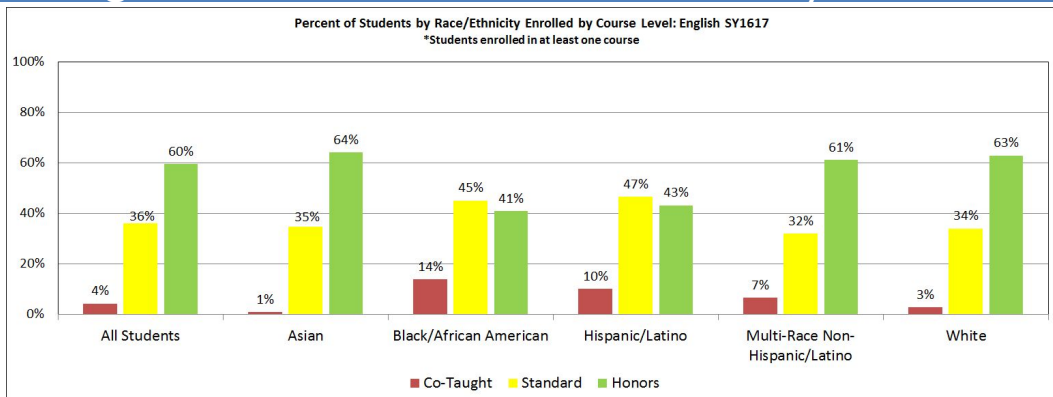
- Course Enrollment: Percent of students enrolled by course level and Race/Ethnicity for English and Math courses.
- Advanced Placement: Students enrolled in Advanced Placement Courses scoring 4 or higher on AP assessments by Race/Ethnicity.
- Behavior/Discipline: Suspension rates by Race/Ethnicity.

High School Course Enrollment (SY16-17)

- Data based on English and Math course enrollment for the current school year.
- Level of courses students can enroll in:
 - English: Honors, Standard, Co-Taught
 - Math: Advanced Placement, Advanced, Honors, Standard, Co-Taught
- Number of students is based on unique students. However, a student may show up in more than one course level:
 - For example: If a student is enrolled in two math courses (AP Calculus and Algebra 2 Honors) s/he is counted once in the AP level and once in the Honors level.

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BHS English Course Enrollment - Race/Ethnicity (SY16-17)

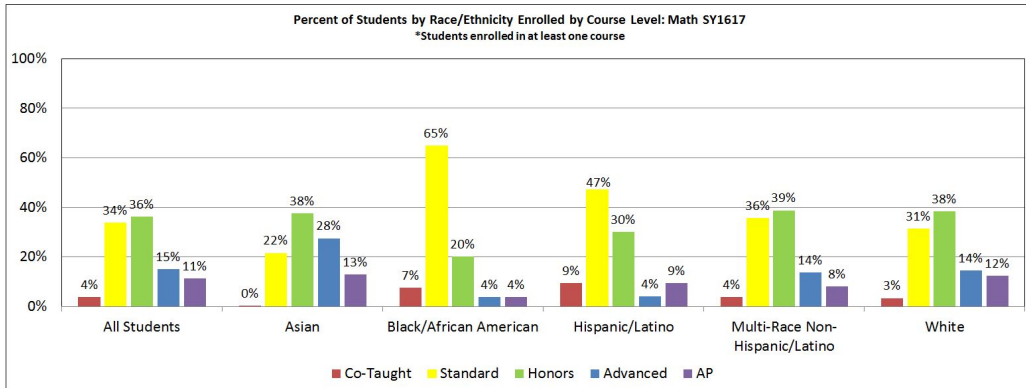


	All Students	Asian	Black/African American	Hispanic/Latino	Multi-Race Non-Hispanic/Latino	White
Co-Taught	77	*	17	18	*	30
Standard	637	107	55	83	43	349
Honors	1,051	197	50	77	82	645

*No Advanced or AP English classes at BHS

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BHS Math Course Enrollment - Race/Ethnicity (SY16-17)



	All Students	Asian	Black/African American	Hispanic/Latino	Multi-Race Non-Hispanic/Latino	White
Co-Taught	74	*	10	18	*	39
Standard	672	77	87	91	57	360
Honors	723	134	27	58	62	442
Advanced	299	98	*	*	22	166
AP	225	46	*	18	13	143

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Advanced Placement (SY15-16)

- Data based on students enrolled in an Advanced Placement Course by Race/Ethnicity.
- Analysis includes:
 - Students enrolled in at least one Advanced Placement Course
 - Students who scored a 4 or 5 on at least one Advanced Placement Test

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Advanced Placement - Race/Ethnicity (SY15-16)

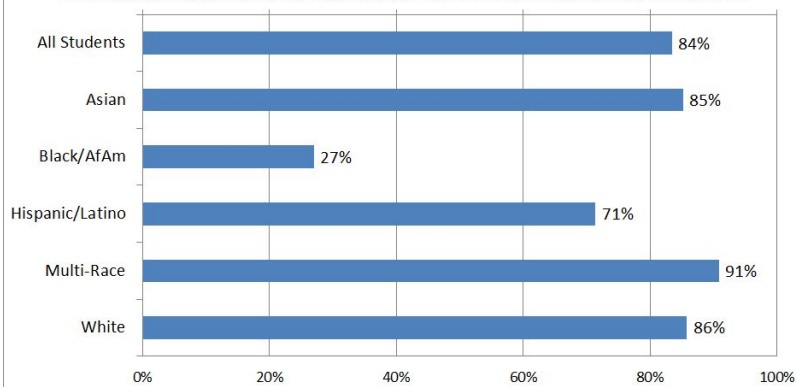
	All Students		Asian		Black/African American		Hispanic/Latino		Multi-Race Non-Hispanic/Latino		White	
	#	%	#	%	#	%	#	%	#	%	#	%
Enrolled in at least one AP Course*	427	45%	67	47%	11	13%	27	27%	27	42%	295	54%

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*Only includes students in 11th and 12th grade during SY15-16

Advanced Placement - Race/Ethnicity (SY15-16)

Percent of Students who took an AP Test & scored a 4 or 5 on at least one test by Race/Ethnicity SY1516



Of students who took an AP assessment, 27% of Black/African American students scored a 4 or 5 on at least one assessment compared to 86% of White and 85% of Asian students.

	All Students	Asian	Black/African American	Hispanic/Latino	Multi-Race Non-Hispanic/Latino	White
Number of students who scored a 4 or 5 on at least one test	311	52	*	15	20	224

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*All student number does not include Black/African American students

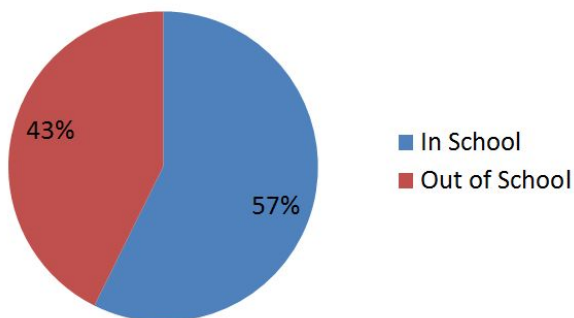
High School Suspension Rates (SY15-16)

- Number and percent of students reported as being suspended in the School Safety and Discipline Report (SSDR) given to the State Department of Education each year.
- Data outlines the in-school and out-of-school suspensions.
- Includes total (number of suspensions) and unique (number of individual students) suspensions.

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BHS Suspensions - All Students (SY15-16)

Percent of BHS Suspensions by Type: SY1516

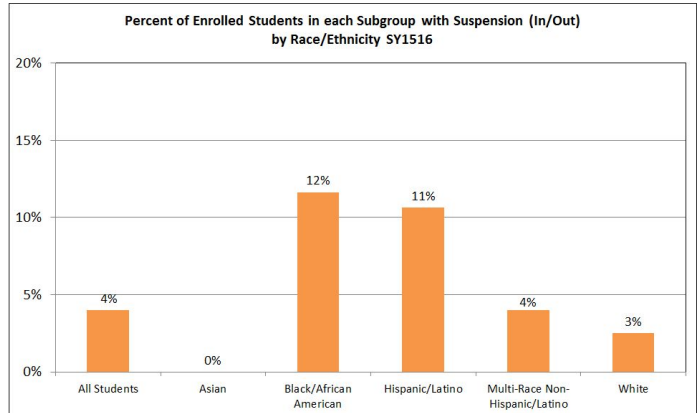


	#
In School	43
Out of School	32
Total	75
Unique Students	50

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BHS Suspensions - Race/Ethnicity (SY15-16)

	Unique Students (#)	Total Suspensions (#)
All Students	50	75
Asian	*	*
Black/African American	10	17
Hispanic/Latino	12	22
Multi-Race Non-Hispanic/Latino	*	*
White	24	29



- Table indicates the total and unique number of suspensions
- Graph indicates the percent of enrolled students in each subgroup who were suspended

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District Results - Middle School

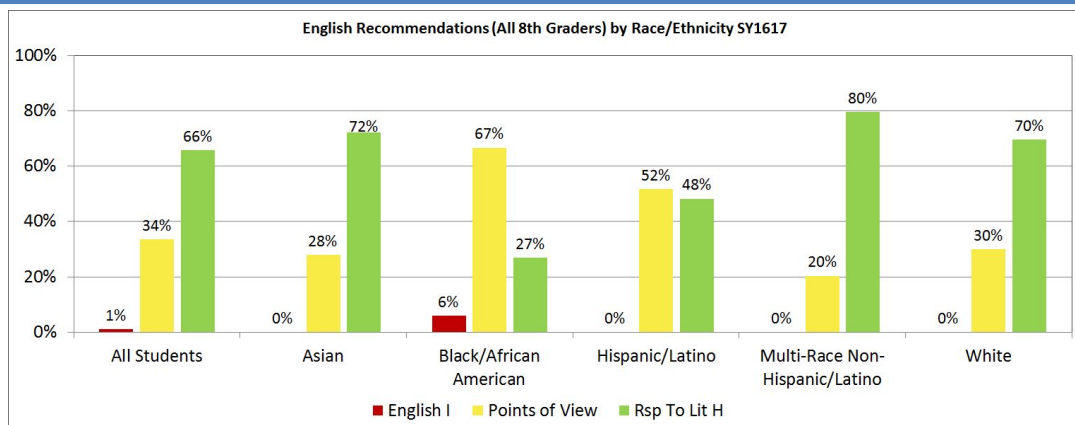
- Course Recommendations for rising 9th graders by Race/Ethnicity.

Rising 9th Grade Course Recommendations (SY16-17)

- K-8 schools make course recommendations for rising 9th graders.
- Data outlines the percent of students recommended for each course level for English and Math.
- Data does not include any course changes requested by parents or staff after initial recommendations were made.

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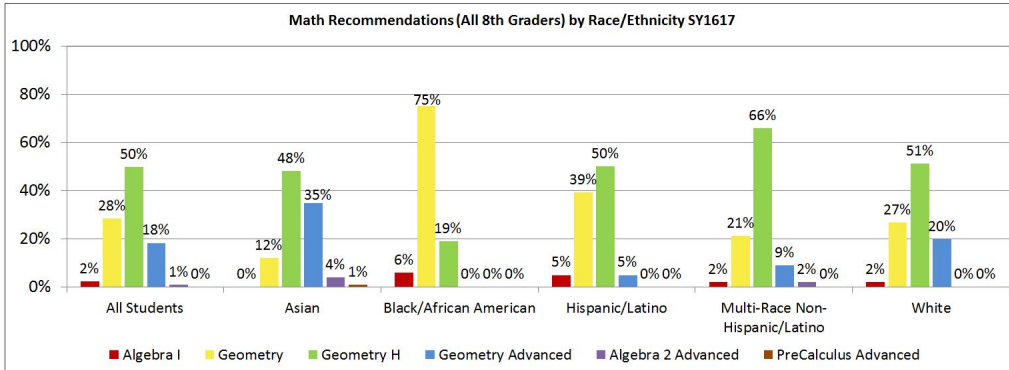
English Recommendations - Race/Ethnicity (SY16-17)



	All Students	Asian	Black/African American	Hispanic/Latino	Multi-Race Non-Hispanic/Latino	White
English I	*	*	*	*	*	*
Points of View	168	24	22	30	10	82
Rsp To Lit H	329	62	*	28	39	191

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Math Recommendations - Race/Ethnicity (SY16-17)



	All Students	Asian	Black/African American	Hispanic/Latino	Multi-Race Non-Hispanic/Latino	White
Algebra I	11	*	*	*	*	*
Geometry	135	10	24	22	10	69
Geometry H	237	40	*	28	31	132
Geometry Advanced	87	29	*	*	*	51
Algebra 2 Advanced	*	*	*	*	*	*
PreCalculus Advanced	*	*	*	*	*	*

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District Results - Elementary School

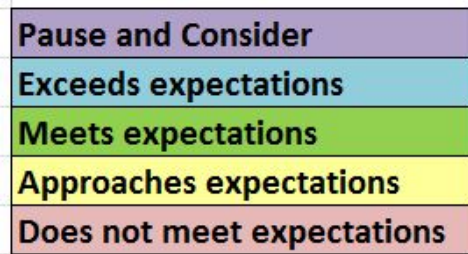
- Grade 1-5 Benchmark Assessment: Performance by Race/Ethnicity.

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Benchmark Assessment System (BAS) (SY16-17)

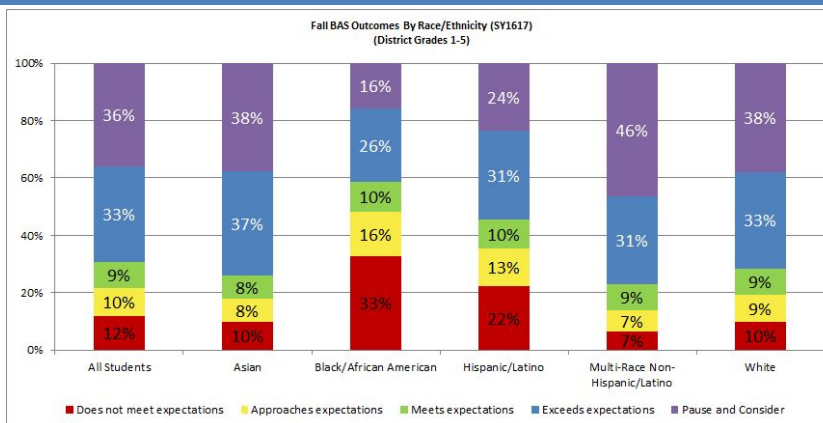
- Fountas & Pinnell Benchmark Assessment System
- Determines a student's independent and instructional reading level
- Student progress is documented through formative assessment in the fall and spring for grades 1-5

Benchmark Categories:



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Fall BAS Results Grades 1-5 - Race/Ethnicity (SY16-17)



	All Students	Asian	Black/African American	Hispanic/Latino	Multi-Race Non-Hispanic/Latino	White
Pause and Consider	1,047	179	23	74	128	642
Exceeds expectations	959	174	38	97	85	565
Meets expectations	266	38	15	31	25	157
Approaches expectations	282	38	23	41	20	160
Does not meet expectations	347	47	48	70	18	164
Total	2,901	476	147	313	276	1,688

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Questions?