

WITHIN OUR REACH

NEW YORK CITY



MIDDLE SCHOOL

EARTH SCIENCE



In **New York City**, White students are **2.3x** more likely to be enrolled in Earth Science in middle school than Black students and **3.4x** more likely to be enrolled than Latino students.

ALGEBRA I



In **New York City**, White students are **1.4x** more likely to be enrolled in Algebra I in middle school than Black students and **1.7x** more likely to be enrolled than Latino students.

HIGH SCHOOL

CALCULUS



In **New York City**, White students are **3.1x** more likely to be enrolled in Calculus than Black students or Latino students.

ANY OTHER AP/IB COURSE



In **New York City**, White students are **1.9x** more likely to be enrolled in any other AP/IB course than Black students and **1.8x** more likely to be enrolled than Latino students.

PHYSICS



In **New York City**, White students are **2.1x** more likely to be enrolled in Physics than Black students or Latino students.

MUSIC



In **New York City**, White students are **1.3x** more likely to be enrolled in music courses than Black students and **1.4x** more likely to be enrolled than Latino students.

COMPUTER SCIENCE



In **New York City**, White students are **2.7x** more likely to be enrolled in Computer Science than Black students and **3.3x** more likely to be enrolled than Latino students.

ADVANCED FOREIGN LANGUAGE COURSES

In **New York City**, White students are **2.0x** more likely to be enrolled in advanced foreign language courses than Black students and **1.2x** more likely to be enrolled than Latino students.

AP/IB MATH OR SCIENCE



In **New York City**, White students are **2.6x** more likely to be enrolled in an Advanced Placement (AP) or International Baccalaureate (IB) Math or Science course than Black students and **2.9x** more likely to be enrolled than Latino students.

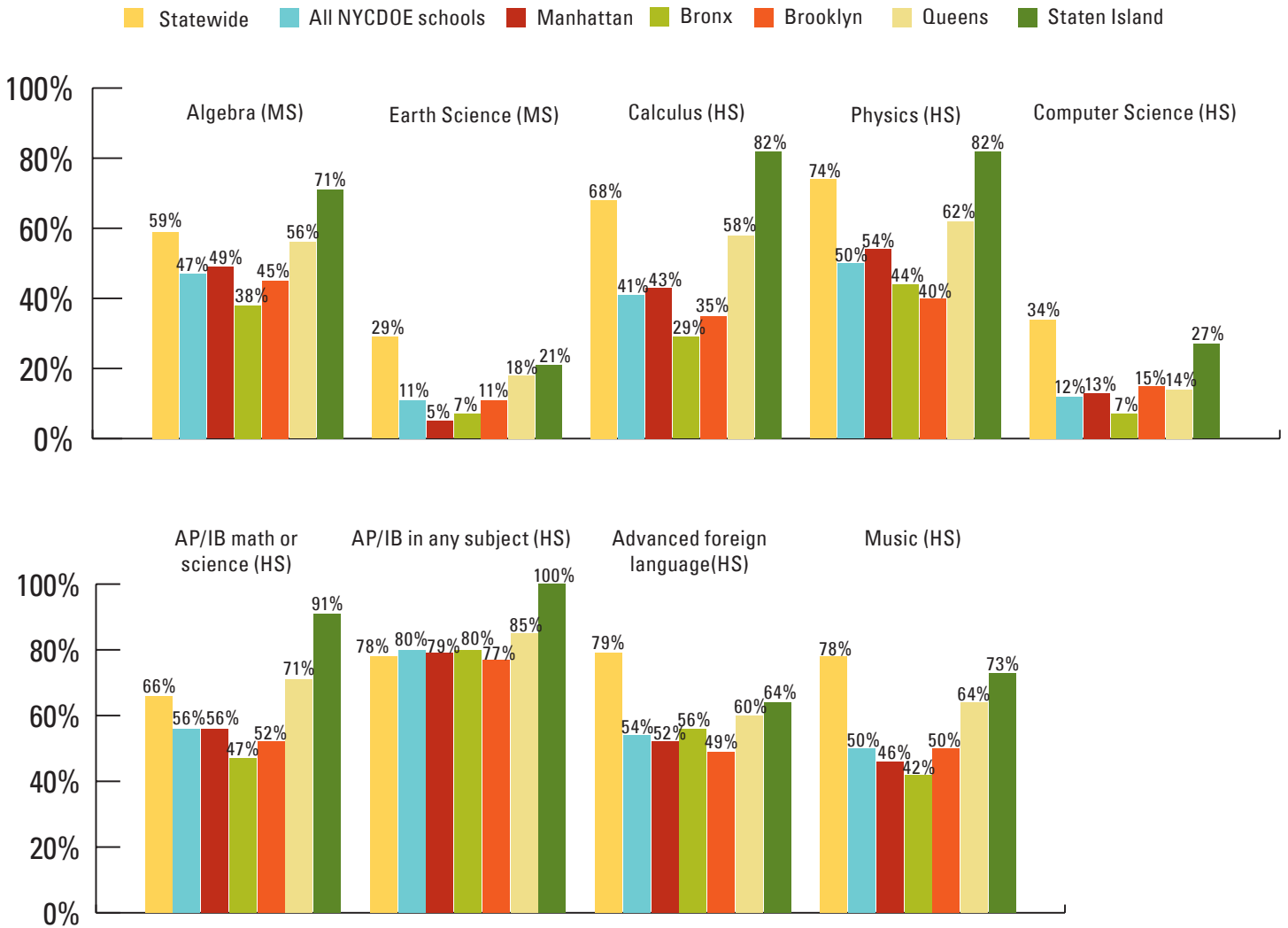


Based on 2016-17 unpublished NYSED course enrollment data. In middle school, the rates above are based on course enrollment per every 100 students in grades 7-8. For high school courses, the rates below are based on course enrollment per every 100 students in grades 9-12. Schools with a combination of grades 7-8 and grades 9-12 are included in the high school analysis only. This analysis includes district-run schools and does not include charter schools.

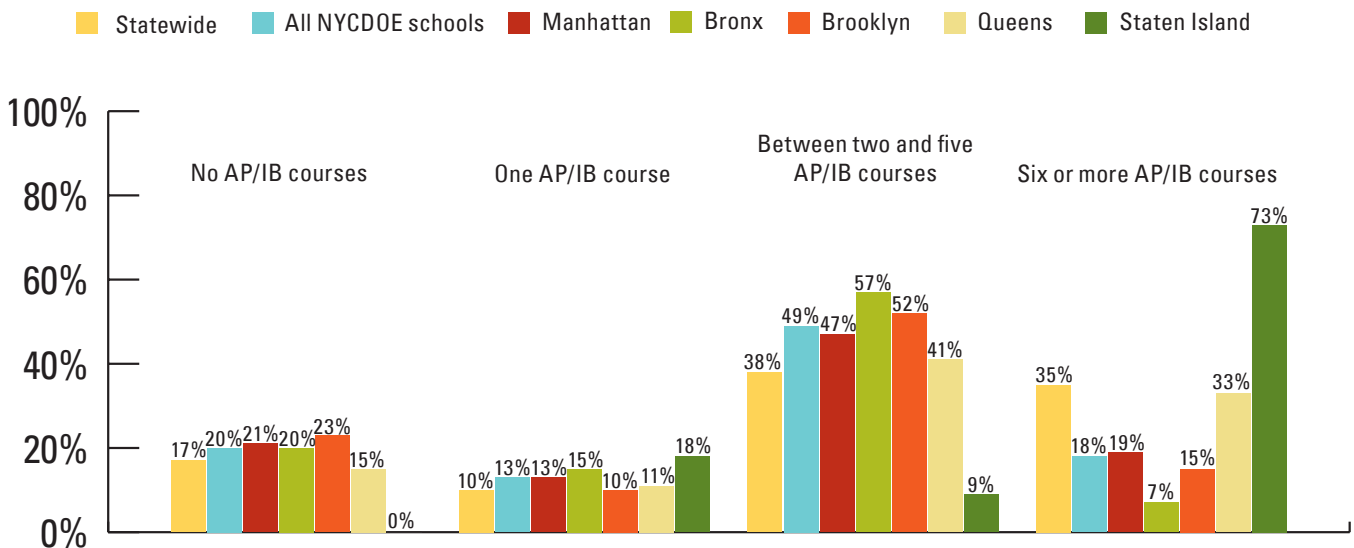
Middle School	NUMBER OF BLACK STUDENTS IN GRADES 7-8 ATTENDING A SCHOOL WITH NO...	SHARE OF BLACK STUDENTS IN GRADES 7-8 ATTENDING A SCHOOL WITH NO...	NUMBER OF LATINO STUDENTS IN GRADES 7-8 ATTENDING A SCHOOL WITH NO...	SHARE OF LATINO STUDENTS IN GRADES 7-8 ATTENDING A SCHOOL WITH NO...	NUMBER OF WHITE STUDENTS IN GRADES 7-8 ATTENDING A SCHOOL WITH NO...	SHARE OF WHITE STUDENTS IN GRADES 7-8 ATTENDING A SCHOOL WITH NO...
Algebra I –All NYCDOE schools	12,975	48%	22,035	46%	6,966	35%
Earth Science –All NYCDOE schools	23,608	88%	39,985	83%	14,529	73%

High School	NUMBER OF BLACK STUDENTS IN GRADES 9-12 ATTENDING A SCHOOL WITH NO...	SHARE OF BLACK STUDENTS IN GRADES 9-12 ATTENDING A SCHOOL WITH NO...	NUMBER OF LATINO STUDENTS IN GRADES 9-12 ATTENDING A SCHOOL WITH NO...	SHARE OF LATINO STUDENTS IN GRADES 9-12 ATTENDING A SCHOOL WITH NO...	NUMBER OF WHITE STUDENTS IN GRADES 9-12 ATTENDING A SCHOOL WITH NO...	SHARE OF WHITE STUDENTS IN GRADES 9-12 ATTENDING A SCHOOL WITH NO...
Calculus – All NYCDOE schools	38,047	49%	46,740	41%	4,668	12%
Physics – All NYCDOE schools	31,621	41%	38,826	34%	3,327	8%
Computer Science – All NYCDOE schools	61,555	80%	88,994	79%	20,962	53%
AP/IB math or science – All NYCDOE schools	26,743	35%	33,898	30%	4,046	10%
AP/IB courses in any subject – All NYCDOE schools	10,521	14%	12,407	11%	2,090	5%
Advanced foreign language – All NYCDOE schools	29,269	38%	36,713	32%	8,976	23%
Music – All NYCDOE schools	30,851	40%	43,196	38%	6,764	17%

SHARE OF SCHOOLS OFFERING KEY COURSES...



SHARE OF SCHOOLS OFFERING AP/IB COURSES...





ALGEBRA I IN MIDDLE SCHOOL



In **Brooklyn**, White students are **2.3x** more likely to be enrolled in Algebra I than Latino students.



In **Staten Island**, White students are **2.1x** more likely to be enrolled in Algebra I than Black students and **2.0x** more likely to be enrolled than Latino students.



White students in **Queens** are **3.1x** more likely to be enrolled in Algebra I than Black students in **Staten Island** or Latino students in the **Bronx**.



White students in **Manhattan** are **2.5x** more likely to be enrolled in Algebra I than Latino students in the **Bronx**, **2.4x** more likely to be enrolled than Latino students in **Staten Island** and **2.3x** more likely to be enrolled than Latino students in **Brooklyn**.



HIGH SCHOOL CALCULUS



In **Manhattan**, White students are **4.0x** more likely to be enrolled in Calculus than Black students and **3.5x** more likely to be enrolled than Latino students.



White students in **Manhattan** are **12.8x** more likely to be enrolled in Calculus than Black students in **Staten Island**.



In the **Bronx**, White students are **5.1x** more likely to be enrolled in Calculus than Black students and **6.5x** more likely to be enrolled than Latino students.



White students in the **Bronx** are **10.1x** more likely to be enrolled in Calculus than Black students in **Staten Island**.



In **Brooklyn**, White students are **2.1x** more likely to be enrolled in Calculus than Black students and **2.6x** more likely to be enrolled than Latino students.



White students in **Manhattan** are **8.2x** more likely to be enrolled in Calculus than Latino students in the **Bronx**.



In **Queens**, White students are **2.7x** more likely to be enrolled in Calculus than Black students and **2.4x** more likely to be enrolled than Latino students.



In **Staten Island**, White students are **6.1x** more likely to be enrolled in Calculus than Black students and **3.4x** more likely to be enrolled than Latino students.



HIGH SCHOOL PHYSICS



Across all boroughs, White students are **2.0 to 2.9x** more likely to be enrolled in Physics than Black students in the same borough.



Across all boroughs, White students are **2.1 to 2.5x** more likely to be enrolled in Physics than Latino students in the same borough.



White students in **Manhattan** are **3.2x** more likely to be enrolled in Physics than Black students in **Queens** or Latino students in **Staten Island**.



HIGH SCHOOL COMPUTER SCIENCE



In **Manhattan**, White students are **2.3x** more likely to be enrolled in Computer Science than Black students and **2.9x** more likely to be enrolled than Latino students.



White students in **Brooklyn** are **10.7x** more likely to be enrolled in Computer Science than Black students in **Queens**.



In the **Bronx**, White students are **2.1x** more likely to be enrolled in Computer Science than Black students and **4.3x** more likely to be enrolled than Latino students.



White students in **Brooklyn** are **10.6x** more likely to be enrolled in Computer Science than Black students in **Staten Island**.



In **Brooklyn**, White students are **3.4x** more likely to be enrolled in Computer Science than Black students and **3.0x** more likely to be enrolled than Latino students.



White students in **Brooklyn** are **14.5x** more likely to be enrolled in Computer Science than Latino students in the **Bronx**.



In **Staten Island**, White students are **4.3x** more likely to be enrolled in Computer Science than Black students and **3.7x** more likely to be enrolled than Latino students.



White students in **Brooklyn** are **9.1x** more likely to be enrolled in Computer Science than Latino students in **Staten Island**.



HIGH SCHOOL AP/IB MATH OR SCIENCE



In **Manhattan**, White students are **2.7x** more likely to be enrolled in an AP/IB Math or Science course than Black or Latino students.



White students in the **Bronx** are **5.1x** more likely to be enrolled in an AP/IB Math or Science course than Black students in **Queens**.



In the **Bronx**, White students are **5.8x** more likely to be enrolled in an AP/IB Math or Science course than Black students and **6.8x** more likely to be enrolled than Latino students.



White students in **Manhattan** are **5.1x** more likely to be enrolled in an AP/IB Math or Science course than Latino students in the **Bronx**.



In **Brooklyn**, White students are **2.3x** more likely to be enrolled in an AP/IB Math or Science course than Black students and **2.6x** more likely to be enrolled than Latino students.



White students in **Brooklyn** are **4.5x** more likely to be enrolled in an AP/IB Math or Science course than Latino students in the **Bronx**.



In **Queens**, White students are **2.0x** more likely to be enrolled in an AP/IB Math or Science course than Black or Latino students.



White students in **Staten Island** are **4.1x** more likely to be enrolled in an AP/IB Math or Science course than Latino students in the **Bronx**.



In **Staten Island**, White students are **3.0x** more likely to be enrolled in an AP/IB Math or Science course than Black students and **3.2x** more likely to be enrolled than Latino students.



ALL OTHER AP/IB COURSES



In **Manhattan**, White students are **2.5x** more likely to be enrolled in any other AP/IB course than Black students and **1.9x** more likely to be enrolled than Latino students.



In the **Bronx**, White students are **3.4x** more likely to be enrolled in any other AP/IB course than Black students and **3.0x** more likely to be enrolled than Latino students.