

# WITHIN OUR REACH

## ALBANY COUNTY



### MIDDLE SCHOOL

#### EARTH SCIENCE



Within **Albany County**, White students are **19.2x** more likely to be enrolled in Earth Science than Black students and **3.4x** more likely to be enrolled than Latino students.

#### ALGEBRA I



Within **Albany County**, White students are **2.6x** more likely to be enrolled in Algebra I than Black students and **2.2x** more likely to be enrolled than Latino students.

### HIGH SCHOOL

#### CALCULUS



Within **Albany County**, White students are **3.4x** more likely to be enrolled in Calculus than Black students and **2.6x** more likely to be enrolled than Latino students.

#### PHYSICS



Within **Albany County**, White students are **3.6x** more likely to be enrolled in Physics than Black students and **2.5x** more likely to be enrolled than Latino students.

#### AP/IB MATH OR SCIENCE



Within **Albany County**, 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 **1.9x** more likely to be enrolled than Latino students.

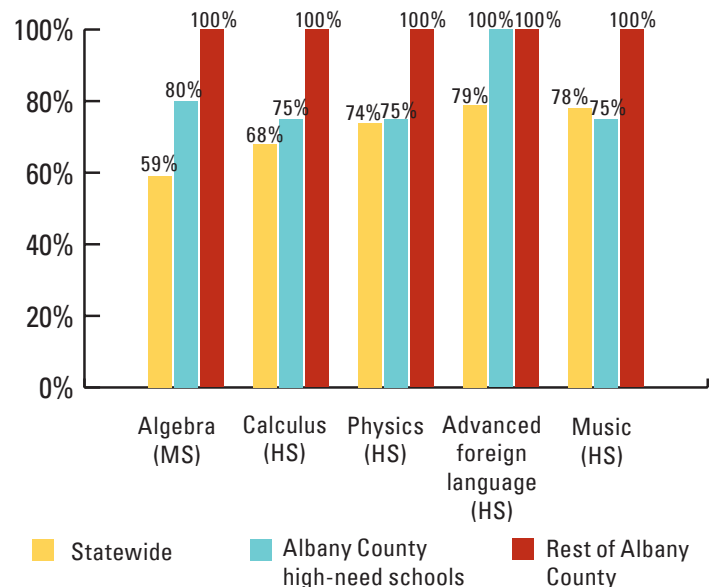
#### COMPUTER SCIENCE



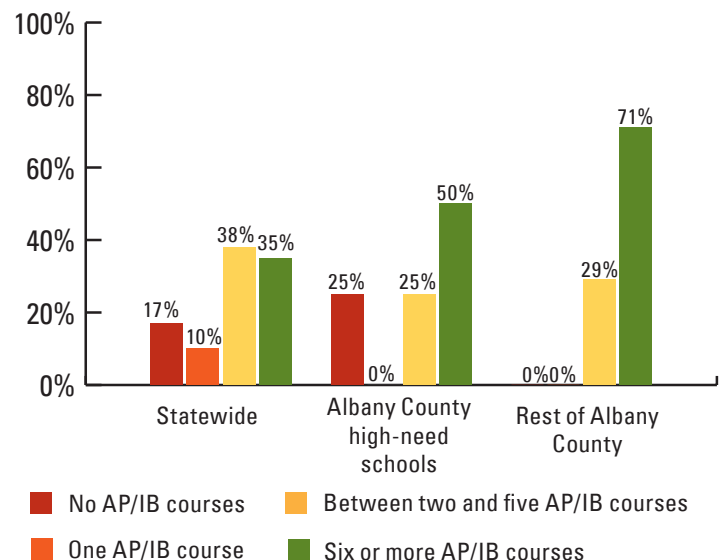
Within **Albany County**, White students are **2.5x** more likely to be enrolled in Computer Science than Black students and **3.5x** more likely to be enrolled than Latino students.

Based on 2016-17 unpublished NYSED course enrollment data. In middle school, the rates below 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.

### SHARE OF SCHOOLS OFFERING KEY COURSES...



### SHARE OF SCHOOLS OFFERING AP/IB COURSES...



<b>Middle School</b>	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...
<b>Algebra I</b> –Albany County high-need schools	131	18%	28	12%	10	2%
<b>Algebra I</b> – Rest of Albany County	0	0%	0	0%	0	0%
<b>Earth Science</b> –Albany County high-need schools	735	100%	239	100%	453	100%
<b>Earth Science</b> – Rest of Albany County	41	25%	55	34%	1,233	44%

<b>High School</b>	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...
<b>AP/IB math or science</b> – Albany County high-need schools	77	5%	37	9%	284	24%
<b>AP/IB math or science</b> – Rest of Albany County	0	0%	0	0%	0	0%

# THE 5 x 25

## COMMITMENT TO NEW YORK

WE CALL ON STATE LEADERS TO FULFILL THESE 5 COMMITMENTS TO THE CLASS OF 2025 — THE STUDENTS ENTERING SIXTH GRADE IN FALL 2018

### COMMITMENT 1

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All students, families, and educators will have accurate and timely information, support, and help to access a rich and robust course experience in their school

All students and families will have the information and support to pursue rigorous college- and career-prep pathways

### COMMITMENT 3

Every student will receive rich and rigorous instruction that prepares them for success after high school graduation

### COMMITMENT 4

Every student will be able to earn college credit and/or participate in work-based learning opportunities before they graduate from high school

### COMMITMENT 5

High school graduation requirements will match modern-day expectations for college, career, and civic readiness