

Within Our Reach

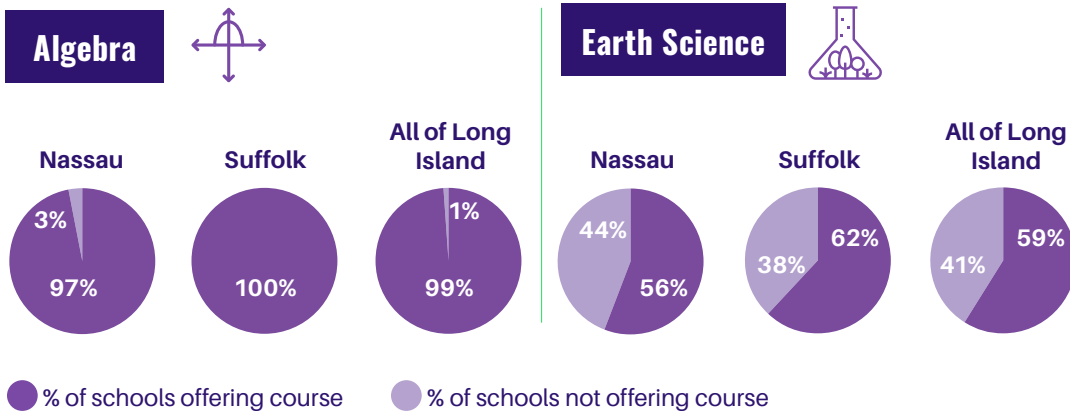
LONG ISLAND



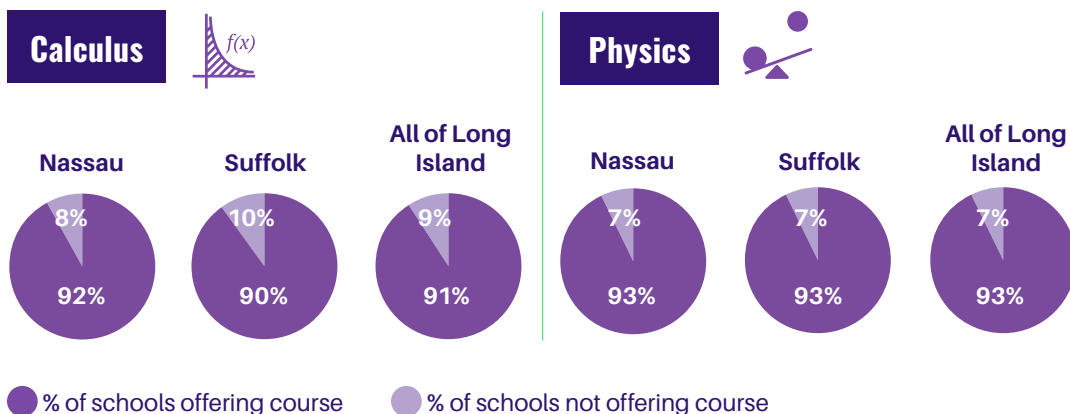
Across New York State, students of color and students from low-income backgrounds are disproportionately excluded from advanced and rigorous coursework. This persistent problem presents serious equity challenges since advanced courses provide students with an opportunity to develop the skills and knowledge necessary for success in college and their career.

Schools in the region that offer key courses

Middle School

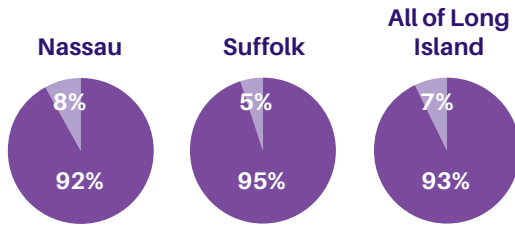


High School

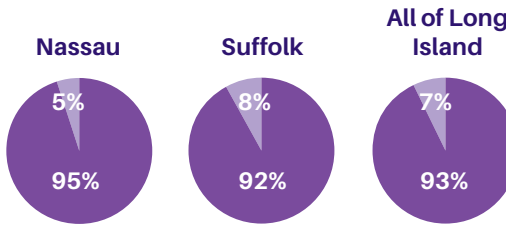


High School

Computer Science

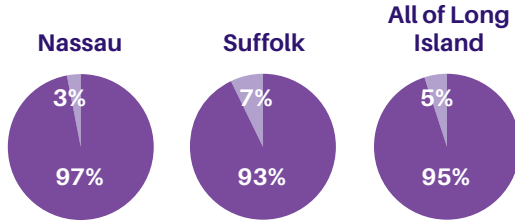


AP/IB Math or Science



● % of schools offering course ● % of schools not offering course

AP/IB Other



● % of schools offering course ● % of schools not offering course

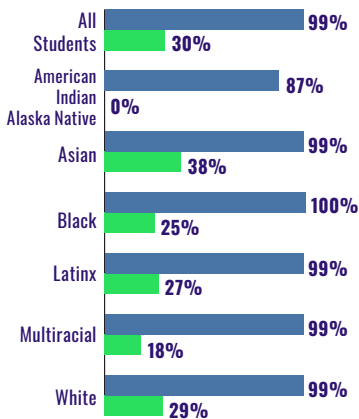
Student enrollment in key courses

Middle School

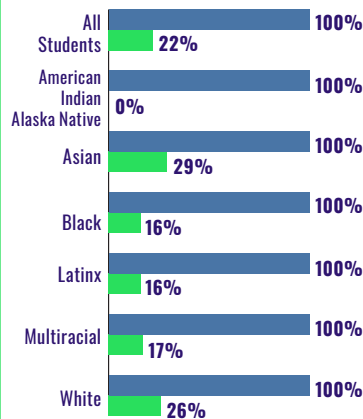
Algebra



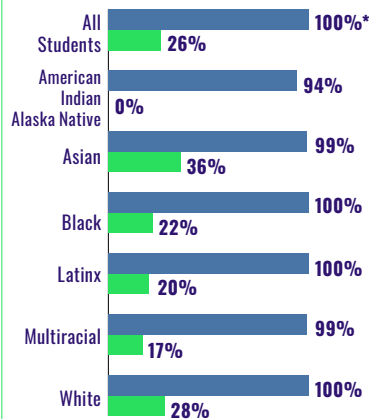
Nassau



Suffolk



All of Long Island



● Share of students who attend a school that offers Algebra
● Share of Students enrolled in Algebra

*All data is rounded to the nearest full percentage point. In this case, 99.6% of all middle schools in Long Island offer Algebra, so we have rounded it up to 100%.



ACCESS TO ADVANCED COURSEWORK IS ONE WAY TO ENSURE THAT STUDENTS ARRIVE AT THEIR POSTSECONDARY OPPORTUNITIES PREPARED FOR SUCCESS.

Use these charts to understand the two ways that course access impacts students: In Long Island, 100% of Black students are enrolled in schools that offer Algebra. Out of those students, only 22% are actually enrolled in Algebra.

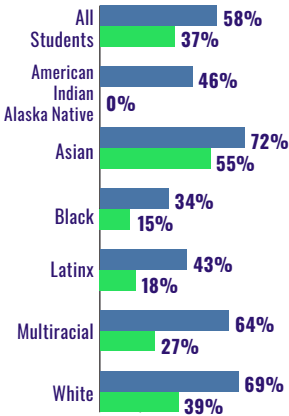
Student enrollment in key courses

Middle School

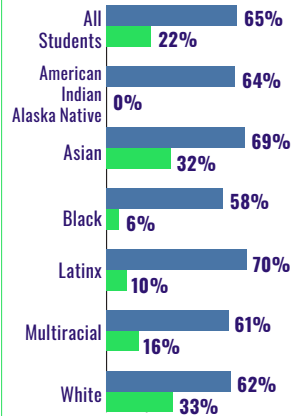
Earth Science



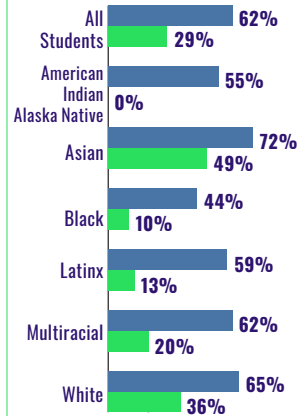
Nassau



Suffolk



All of Long Island



- Share of students who attend a school that offers Earth Science
- Share of Students enrolled in Earth Science

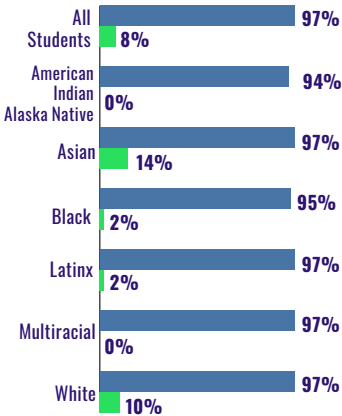
Student enrollment in key courses

High School

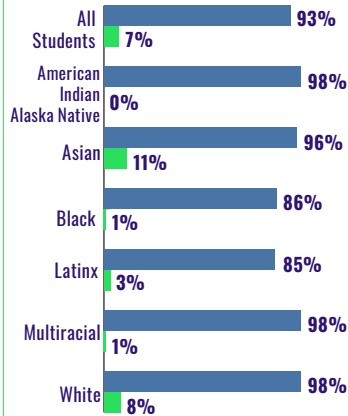
Calculus



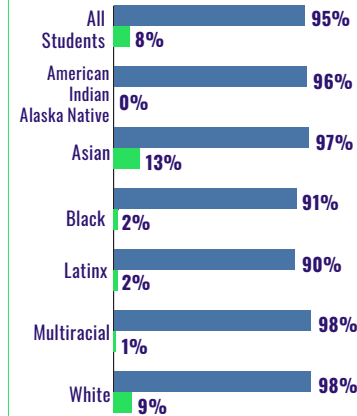
Nassau



Suffolk



All of Long Island



- Share of students who attend a school that offers Calculus
- Share of Students enrolled in Calculus

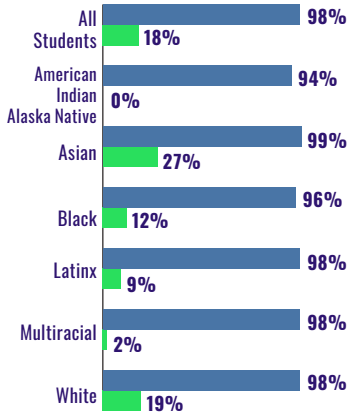
Student enrollment in key courses

High School

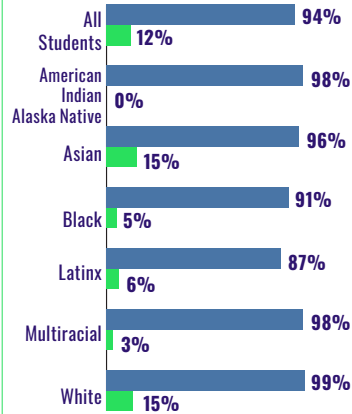
Physics



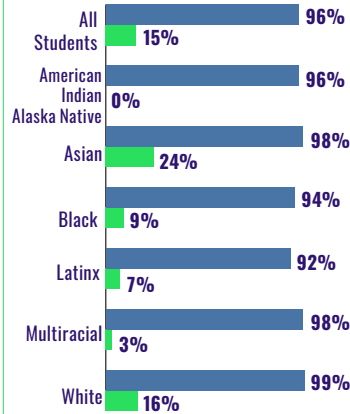
Nassau



Suffolk



All of Long Island

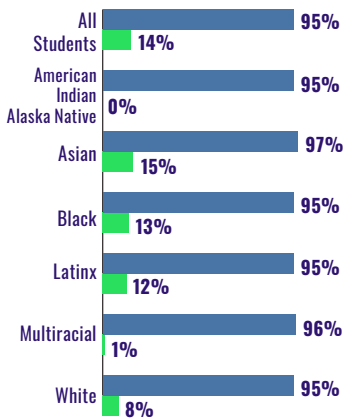


- Share of students who attend a school that offers Physics
- Share of Students enrolled in Physics

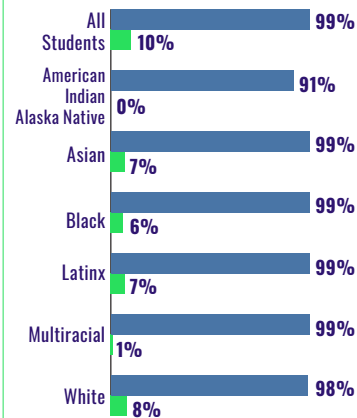
Computer Science



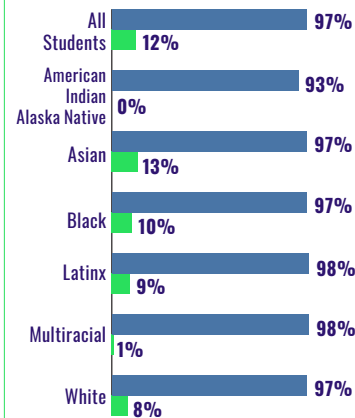
Nassau



Suffolk



All of Long Island



- Share of Students enrolled in Schools that offer Computer Science
- Share of Students enrolled in Computer Science

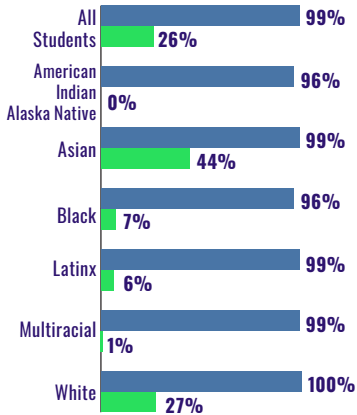
Student enrollment in key courses

High School

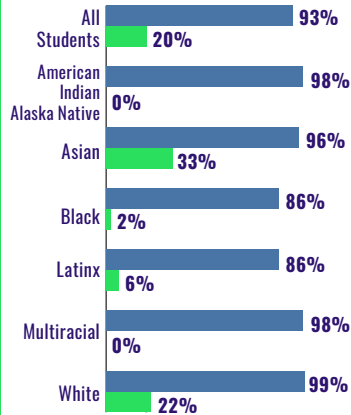
AP/IB Math or Science



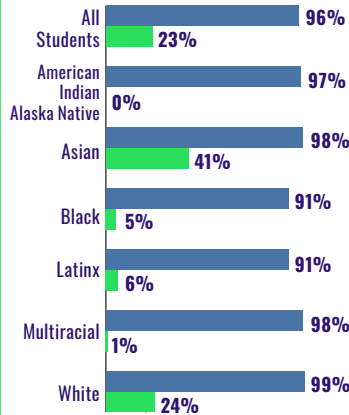
Nassau



Suffolk



All of Long Island

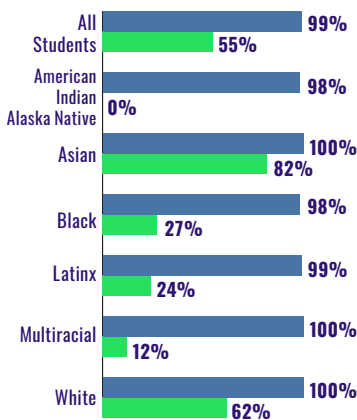


- Share of Students enrolled in Schools that offer AP/IB or Science
- Share of Students enrolled in AP/IB or Science

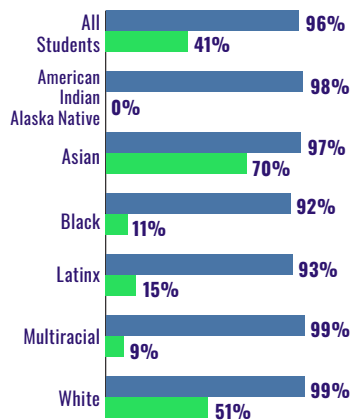
AP/IB Other



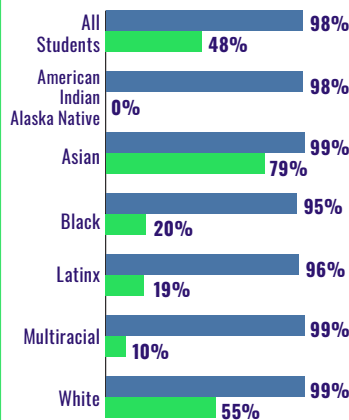
Nassau



Suffolk



All of Long Island



- Share of Students enrolled in Schools that offer AP/IB Other
- Share of Students enrolled in AP/IB Other

Middle School

	Share of American Indian/Alaska Native students in grades 7-8 attending a school with no...	Share of Asian/Pacific Islander students in grades 7-8 attending a school with no...	Share of Black students in grades 7-8 attending a school with no...	Share of Latino students in grades 7-8 attending a school with no...	Share of Multiracial 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 - Nassau City School District	13%	1%	0%	1%	1%	1%
Algebra I - Suffolk City School District	0%	0%	0%	0%	0%	0%
Algebra I - All of Long Island	6%	1%	0%	0%	1%	0%
Earth Science - Nassau City School District	54%	28%	66%	57%	36%	31%
Earth Science - Suffolk City School District	36%	31%	42%	30%	39%	38%
Earth Science - All of Long Island	45%	28%	56%	41%	38%	35%

High School

	Share of American Indian/Alaska Native students in grades 9-12 attending a school with no...	Share of Asian/Pacific Islander students in grades 9-12 attending a school with no...	Share of Black students in grades 9-12 attending a school with no...	Share of Latino students in grades 9-12 attending a school with no...	Share of Multiracial students in grades 9-12 attending a school with no...	Share of White students in grades 9-12 attending a school with no...
Calculus - Nassau City School District	6%	3%	5%	3%	3%	3%
Calculus - Suffolk City School District	2%	4%	14%	15%	2%	2%
Calculus - All of Long Island	4%	3%	9%	10%	2%	2%
Physics - Nassau City School District	6%	1%	4%	2%	2%	2%
Physics - Suffolk City School District	2%	4%	9%	13%	2%	1%
Physics - All of Long Island	4%	2%	6%	8%	2%	1%
Computer Science - Nassau City School District	5%	3%	5%	5%	4%	5%
Computer Science - Suffolk City School District	9%	1%	1%	1%	1%	2%

