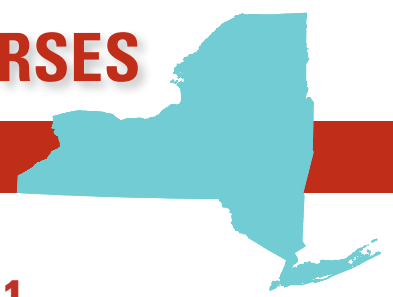


EQUITABLE ACCESS TO ADVANCED COURSES

STATEWIDE

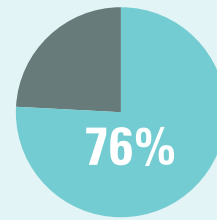


MIDDLE SCHOOL ADVANCED MATH: ALGEBRA 1

WHY IT MATTERS: Students who take Algebra 1 in middle school have more opportunities to excel in advanced math and science in high school.

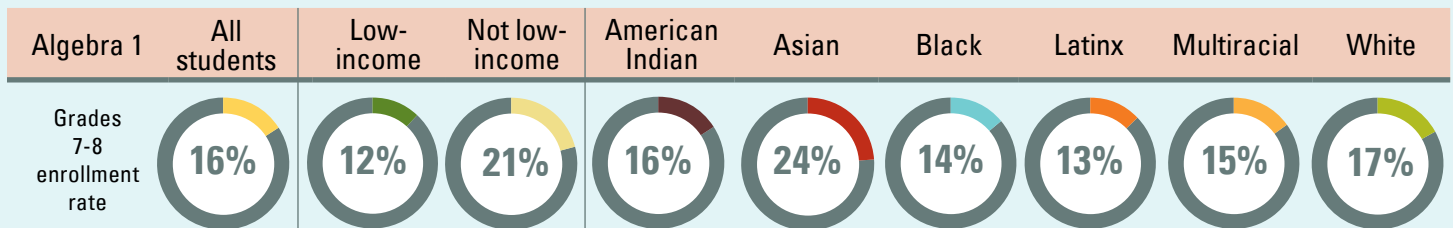
► How many middle schools offer Algebra 1?

More than 3 in 4 middle schools offer Algebra 1 statewide.



► Who gets to enroll in Algebra 1 in middle school?

New York State enrolls students who are not low-income at a rate 74% greater than their low-income peers. New York State enrolls White students at a rate 28% greater than their Latinx peers and 17% greater than their Black peers.



► What does fair representation in Algebra 1 look like?

52,000 additional students who are low-income and more than 38,000 additional Latinx and Black students should be enrolled in Algebra 1 to achieve representation at the same rate as students in schools with the highest participation

52,443

students who are low-income



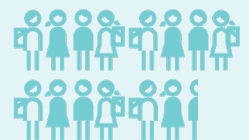
25,544

Latinx students



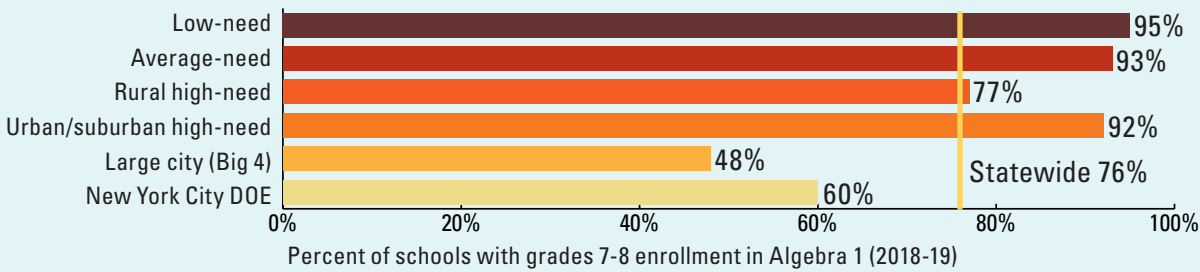
13,318

Black students



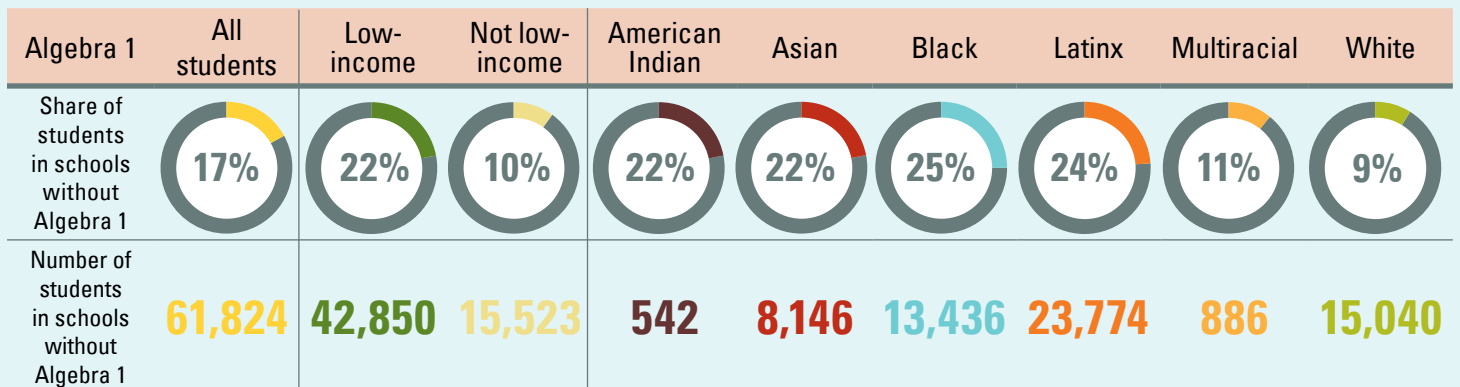
► Where is Algebra 1 offered?

High-need school districts are less likely to offer Algebra 1 than low- and average-need districts.



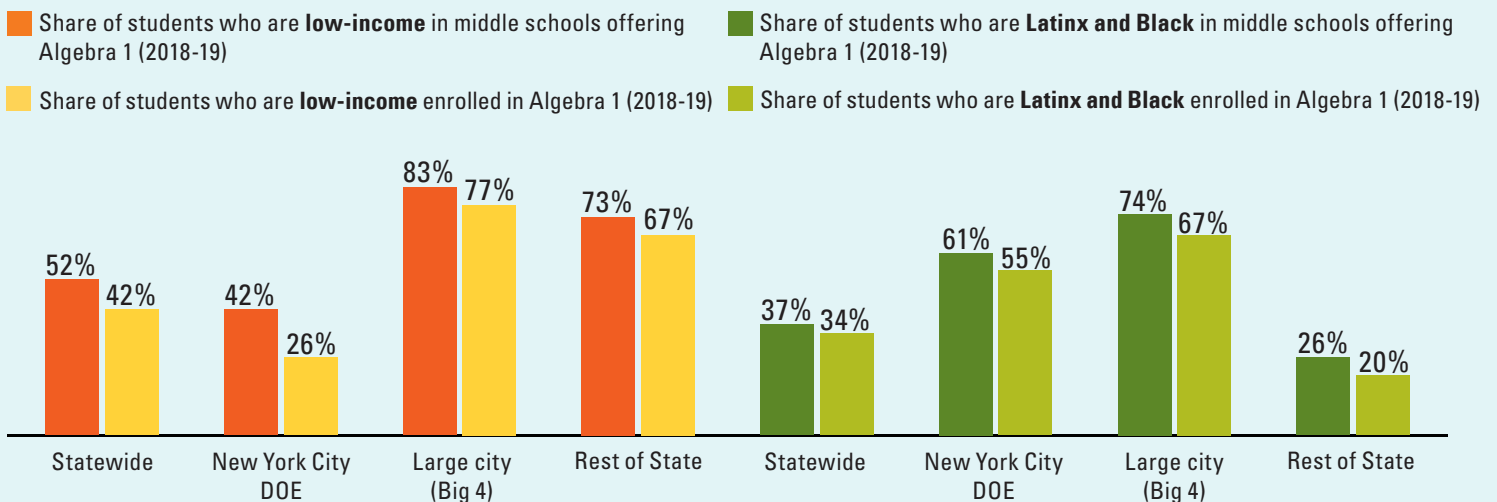
► Who attends middle schools where Algebra 1 is not offered?

1 in 4 Latinx and Black students and more than 1 in 5 students who are low-income attend middle schools that do not offer Algebra 1.



► Are students fairly represented when their middle schools offer Algebra 1?

Even in middle schools that offer Algebra 1, students who are low-income and Latinx and Black students are under-represented in course enrollment.



Analysis is based on 2018-19 data provided by the New York State Education Department and conducted by The Education Trust–New York. Analysis includes schools with enrollment in grades 7-8 of at least 25 students. Statewide and race/ethnicity findings are based on an analysis of 1,290 schools; economic status findings are based on an analysis of 1,212 schools due to data suppression. For additional information on data exclusions, please visit