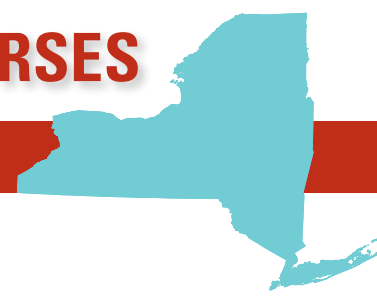


EQUITABLE ACCESS TO ADVANCED COURSES

STATEWIDE

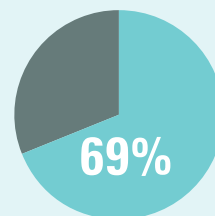


HIGH SCHOOL ADVANCED MATH: CALCULUS

WHY IT MATTERS: Advanced math courses prepare students for high-demand careers and can help them get into selective colleges.

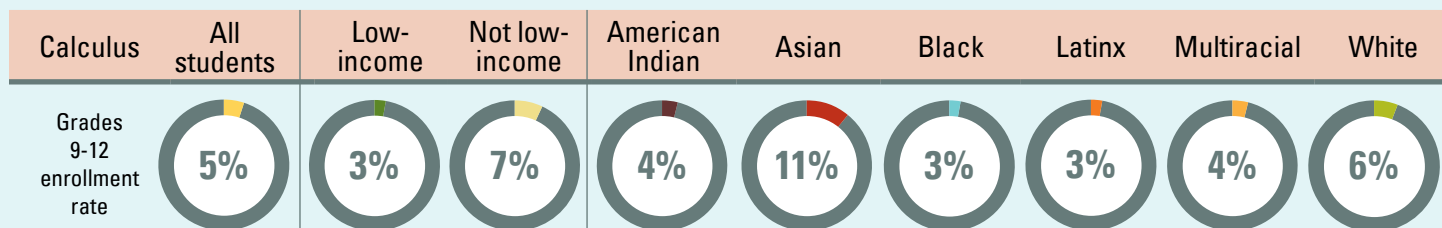
► How many high schools offer Calculus?

More than two-thirds of high schools offer Calculus statewide.



► Who gets to enroll in Calculus in high school?

New York State enrolls students who are not low-income at 2.2 times the rate of their low-income peers. New York State enrolls White students at 2.2 times the rate of their Black peers and 2.1 times the rate of their Latinx peers.



► What does fair representation in Calculus look like?

34,000 additional students who are low-income and 31,000 additional Latinx and Black students should be enrolled in Calculus to achieve representation at the same rate as students in schools with the highest participation rates.

34,359

students who are low-income



19,016

Latinx students



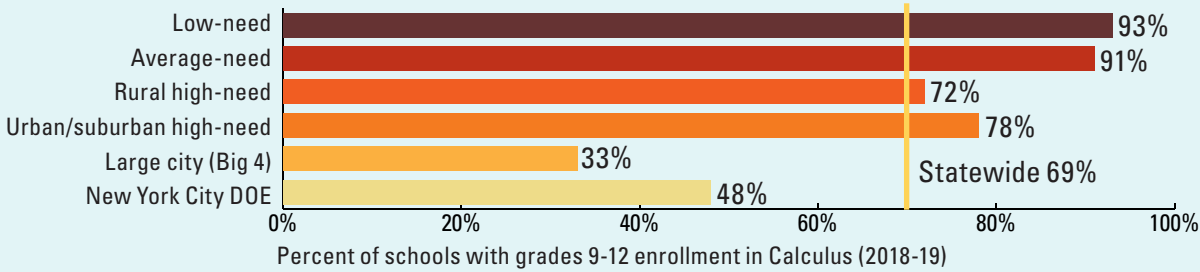
12,269

Black students



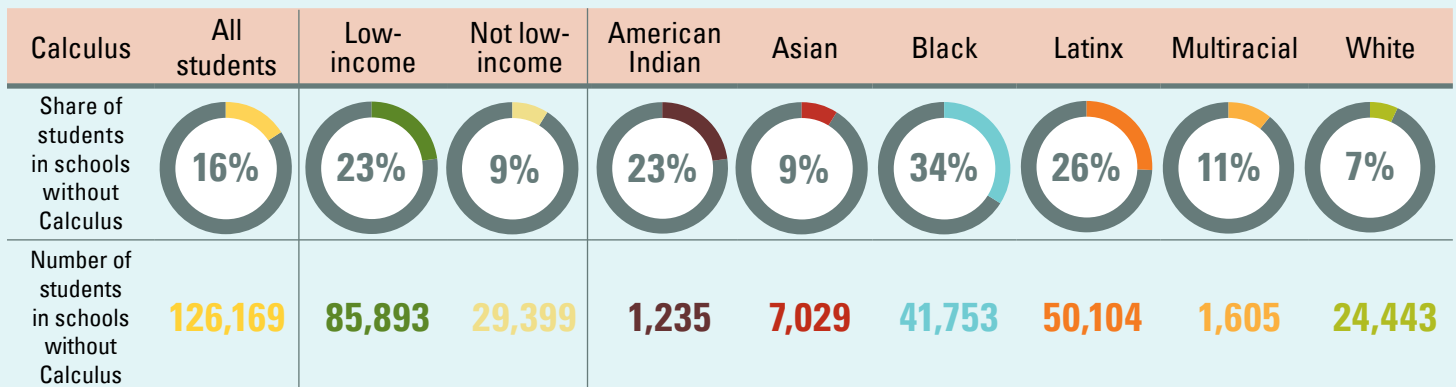
► Where is Calculus offered?

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



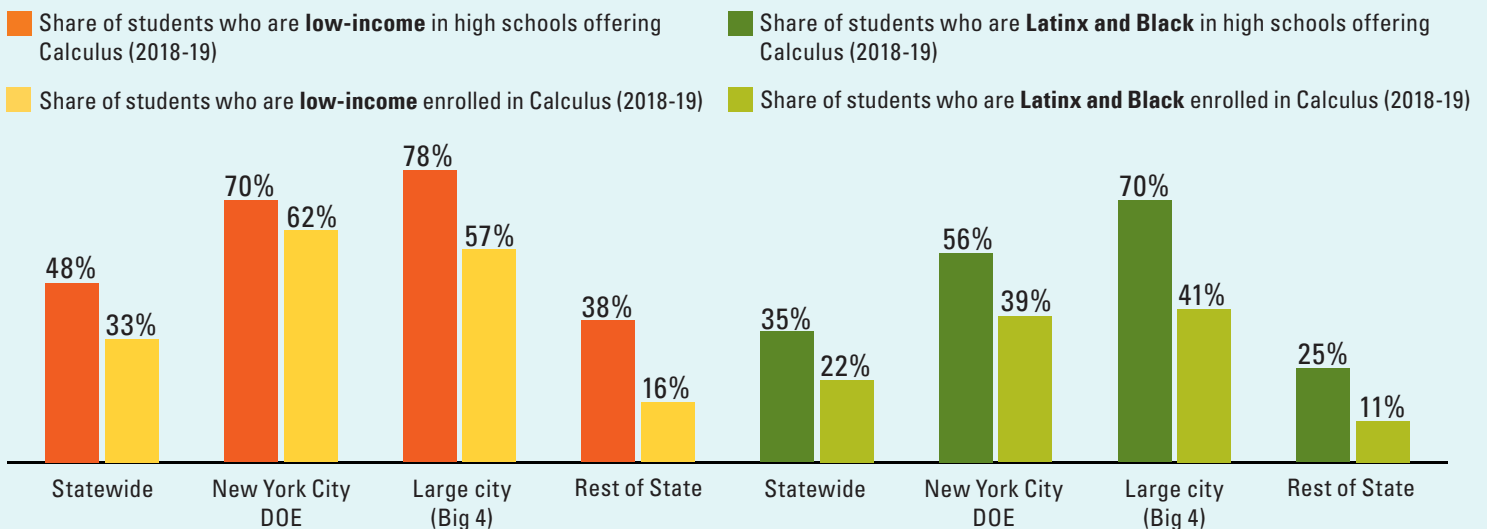
► Who attends high schools where Calculus is not offered?

Nearly 1 in 4 students who are low-income, 1 in 3 Black students, and 1 in 4 Latinx students attend high schools that do not offer Calculus.



► Are students fairly represented when their high schools offer Calculus?

Even in high schools that offer Calculus, 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 9-12 of at least 50 students. Statewide and race/ethnicity findings are based on an analysis of 1,188 schools; economic status findings are based on an analysis of 1,077 schools due to data suppression. For additional information on data exclusions, please visit

www.EquityInEdNY.org