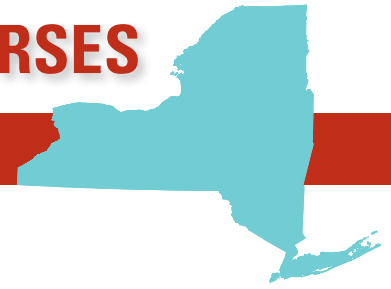


EQUITABLE ACCESS TO ADVANCED COURSES

STATEWIDE

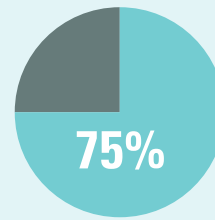


HIGH SCHOOL ADVANCED SCIENCE: PHYSICS

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

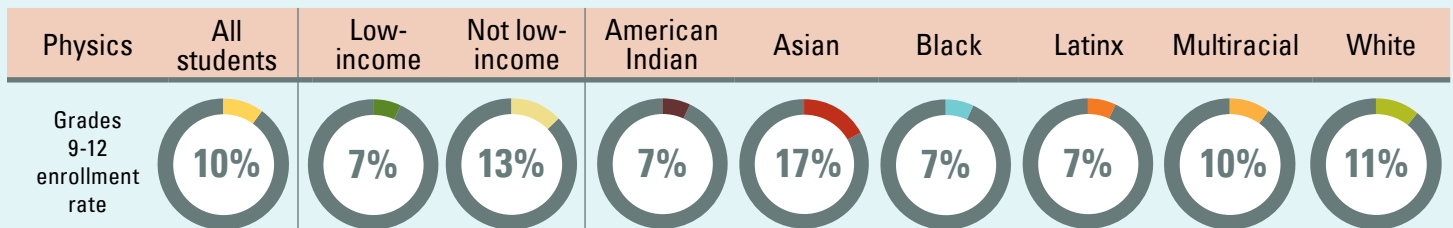
► How many high schools offer Physics?

Three-quarters of high schools offer Physics statewide.



► Who gets to enroll in Physics in high school?

New York State enrolls students who are not low-income at 1.8 times the rate of their low-income peers. New York State enrolls White students at 1.6 times the rate of their Black and Latinx peers.



► What does fair representation in Physics look like?

53,000 additional students who are low-income and nearly 47,000 additional Latinx and Black students should be enrolled in Physics to achieve representation at the same rate as students in schools with the highest participation rates.

53,427

students who are low-income



28,744

Latinx students



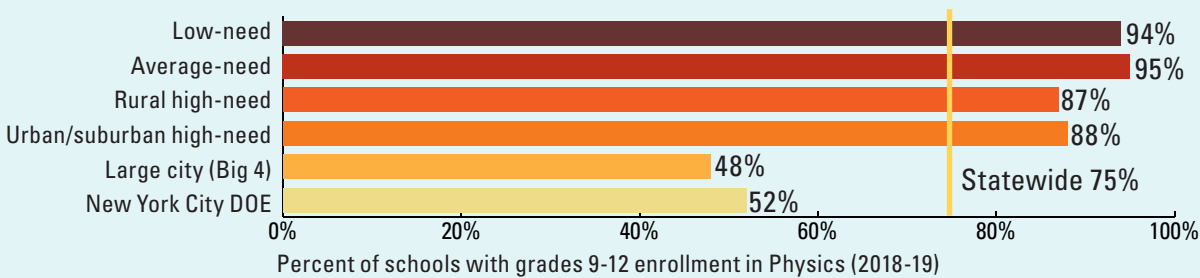
18,183

Black students



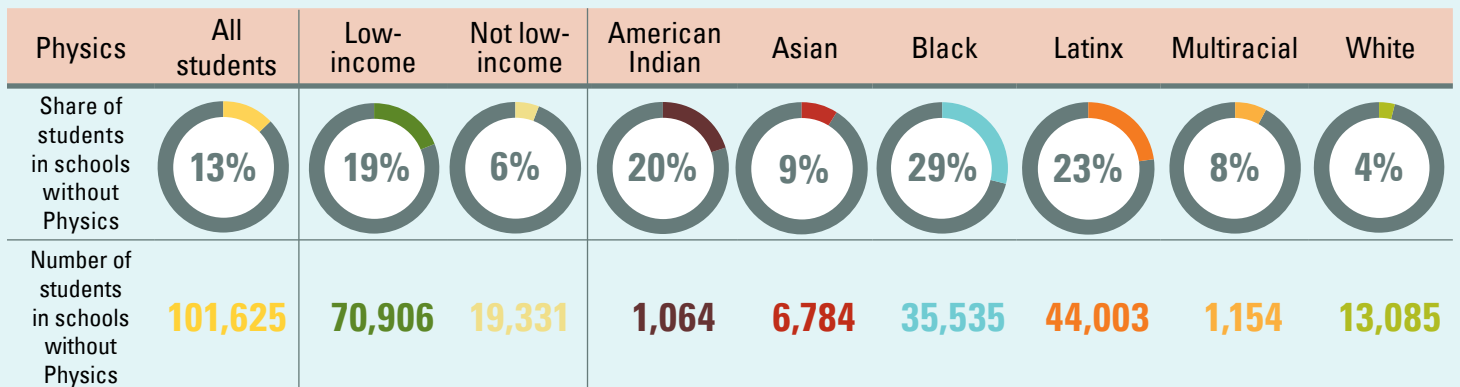
► Where is Physics offered?

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



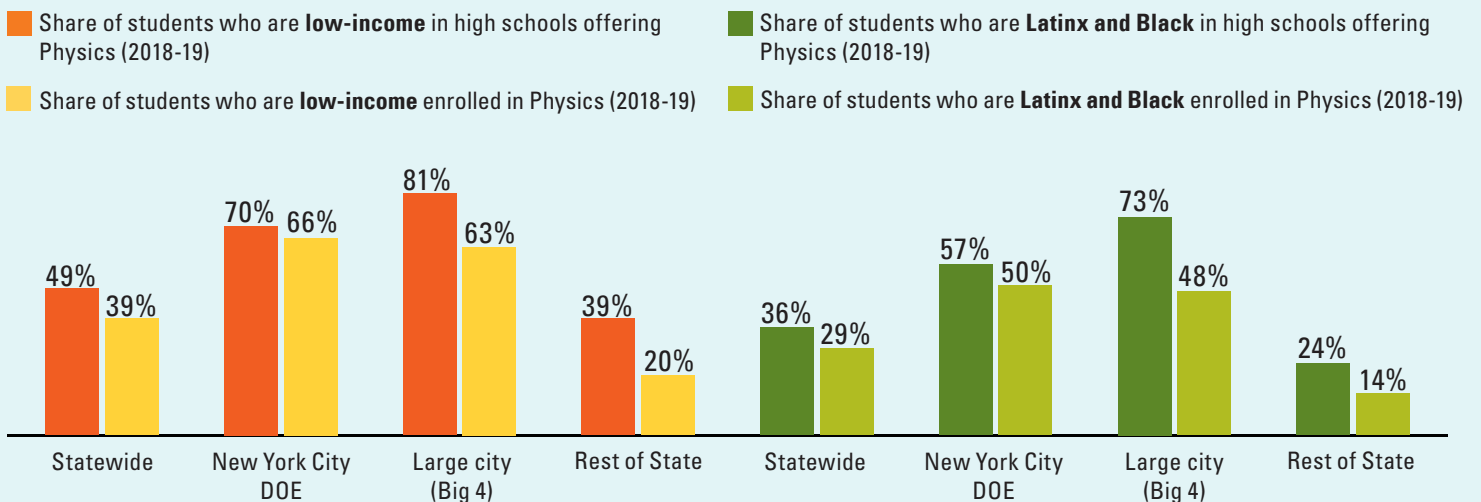
► Who attends high schools where Physics is not offered?

Black students are more than 7 times more likely and Latinx students are 6 times more likely than their White peers to attend high schools that do not offer Physics.



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

Even in high schools that offer Physics, 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