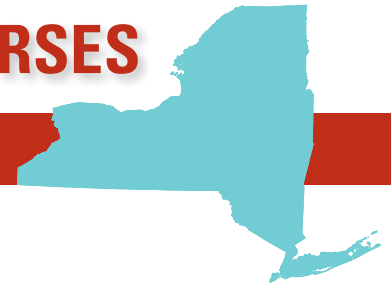


EQUITABLE ACCESS TO ADVANCED COURSES

STATEWIDE

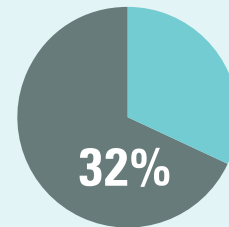


COMPUTER SCIENCE

WHY IT MATTERS: Computer Science courses inspire students, develop their math and science skills, and enable them to explore an exciting, high-demand field.

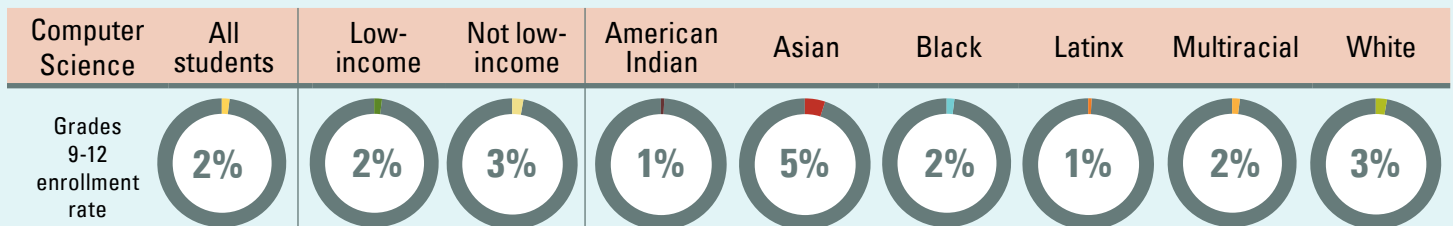
► How many high schools offer Computer Science?

Nearly one-third of high schools offer Computer Science courses statewide.



► Who gets to enroll in Computer Science in high school?

New York State enrolls students who are not low-income at 2.0 times the rate of their low-income peers. New York State enrolls White students at 1.9 times the rate of their Black and Latinx peers.



► What does fair representation in Computer Science look like?

35,000 additional students who are low-income and 31,000 additional Latinx and Black students should be enrolled in Computer Science to achieve representation at the same rate as students in schools with the highest participation rates.

35,473

students who are low-income



19,111

Latinx students



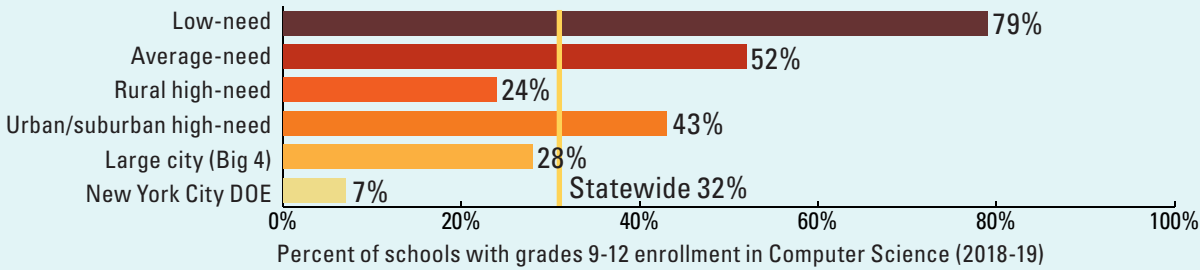
12,109

Black students



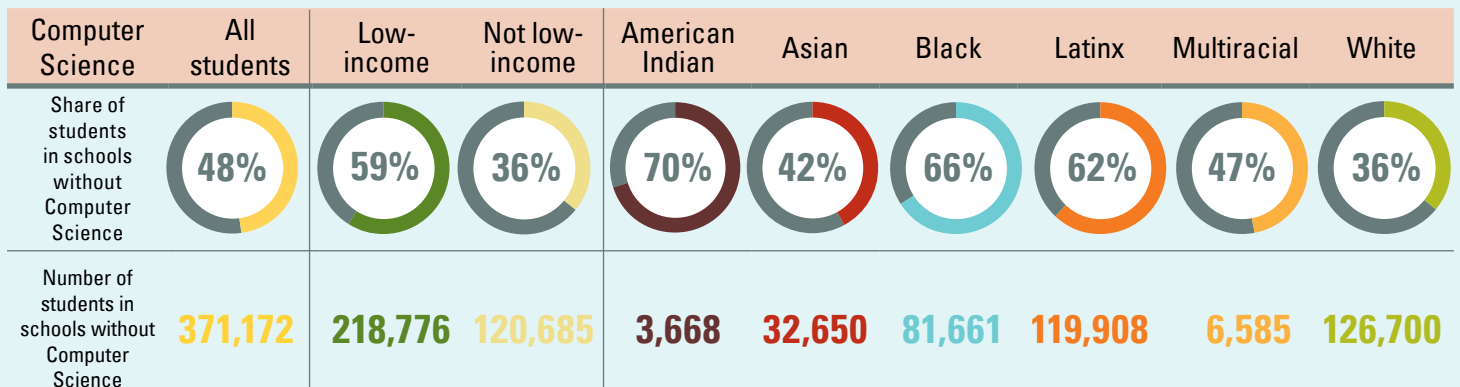
► Where is Computer Science offered?

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



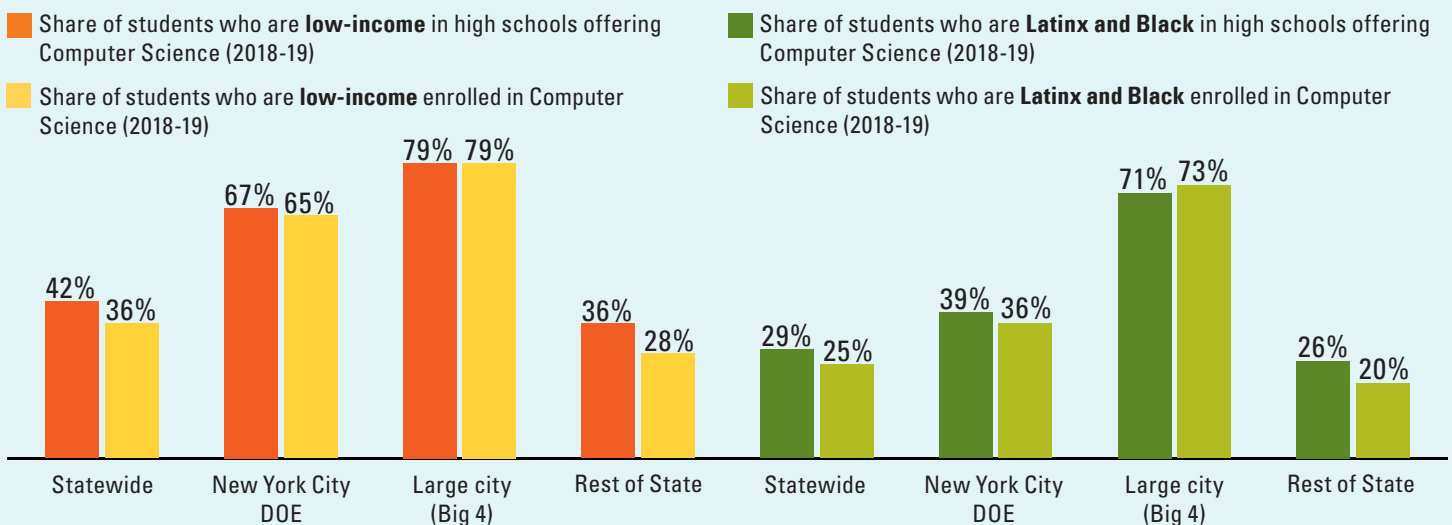
► Who attends high schools where Computer Science is not offered?

Two-thirds of Black students and more than 60% of Latinx students attend high schools that do not offer Computer Science courses.



► Are students fairly represented when their high schools offer Computer Science?

Even in high schools that offer Computer Science, students who are low-income and Latinx and Black students are under-represented in course enrollment, primarily in school districts outside New York City and the Big 4.



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.