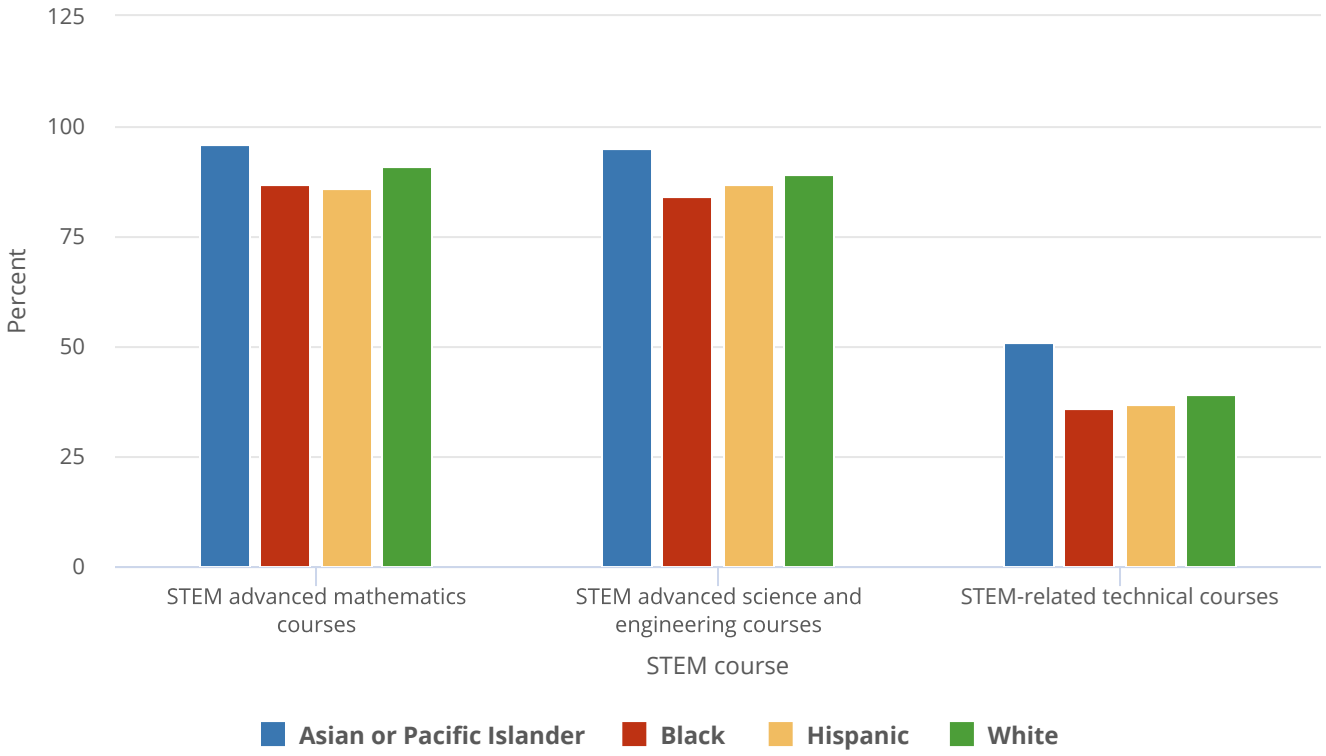
Figure K12-20

High school graduates who earned Carnegie credits in STEM advanced mathematics courses, STEM advanced science and engineering courses, and STEM-related technical courses, by student race or ethnicity: 2019



STEM = science, technology, engineering, and mathematics.

Note(s):
One Carnegie credit is defined as 120 hours of class instruction over the course of a secondary school year. Advanced mathematics covers courses in algebra II, trigonometry, precalculus and analysis, probability and statistics, and calculus. Advanced science and engineering covers courses in advanced environmental and earth science, advanced biology, chemistry, physics, and engineering. STEM-related technical covers courses in engineering and science technologies, health science and technology, and computer science. Black includes African American, Hispanic includes Latino, and Pacific Islander includes Native Hawaiian. Hispanic may be any race; race categories exclude Hispanic origin. High School Transcript Study (HSTS) racial or ethnic group trend reporting does not include American Indian or Alaska Native or Other categories.

Source(s):
Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress HSTS, 2019.

Science and Engineering Indicators