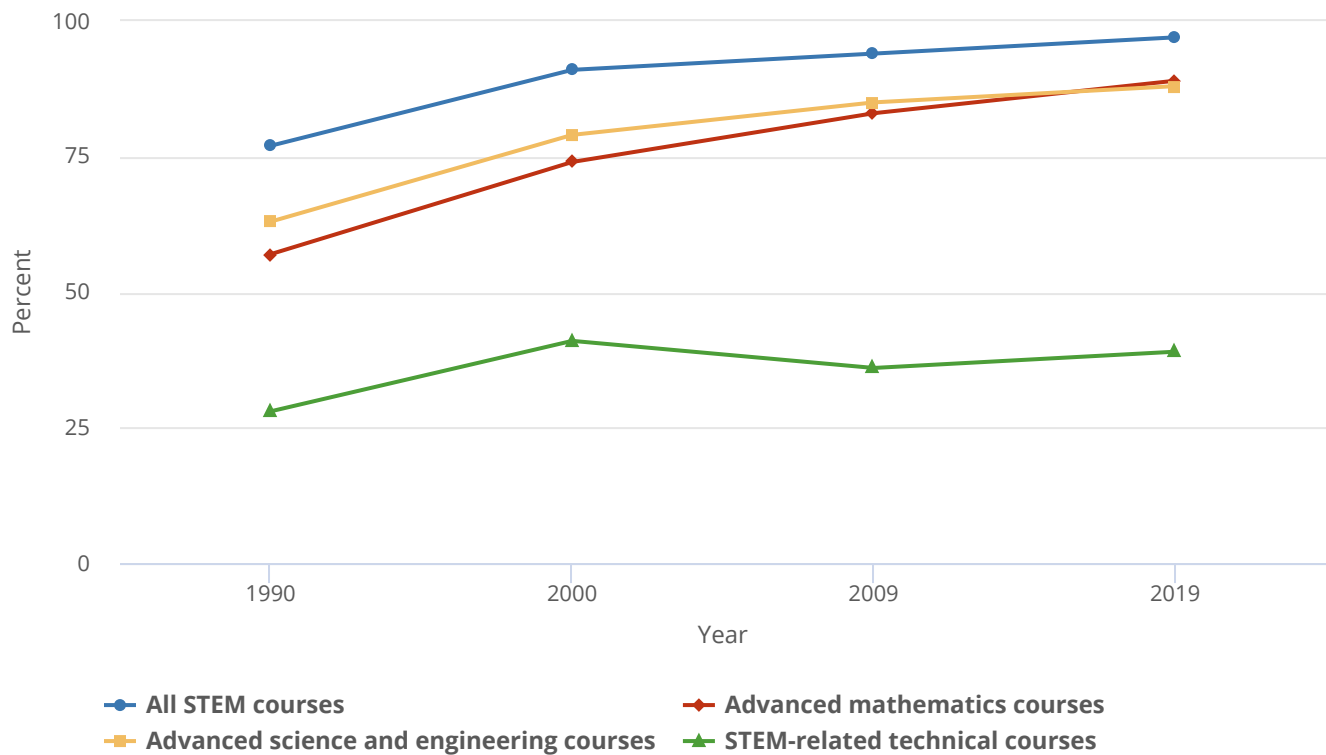


Figure K12-17

## High school graduates who earned Carnegie credits in STEM courses, total and by STEM course type: 1990–2019



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.

**Source(s):**

Department of Education, Institute of Education Sciences, National Center for Education Statistics, National Assessment of Educational Progress High School Transcript Study, 1990, 2000, 2009, and 2019.

*Science and Engineering Indicators*