

K-12 Education

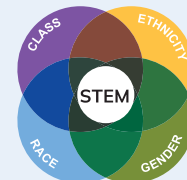
Girls/young women and boys/young men do not significantly differ in their abilities in mathematics and science, but do differ in their interest, confidence, and sense of belonging in science, technology, engineering, and mathematics (STEM).

Girls' and young women's achievement in mathematics and science is **on par with that of boys and young men.**



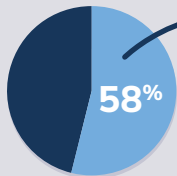
An **OVERWHELMING MAJORITY** of **YOUNG WOMEN** earn credits in **ADVANCED SCIENCE** and **MATHEMATICS COURSES** but **participate less** in **advanced physics** and **computer science courses.**

For girls/young women of color and girls/young women from lower socioeconomic status, **the impacts of the intersectional inequalities of gender, race, ethnicity, and class** can hinder identification with and long-term participation in STEM.

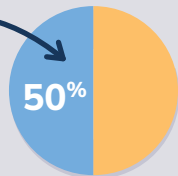


Higher Education

The rates of science and engineering coursetaking for women shift at the undergraduate level and gender disparities begin to emerge.



Women earn 58% of bachelor's degrees in all fields

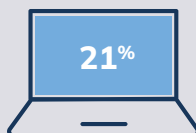


Women earn 50% of bachelor's degrees in S&E

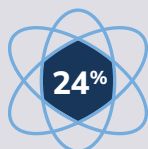
Women earn a majority of bachelor's degrees in psychology, biological sciences, and social sciences, but they earn only



in Engineering

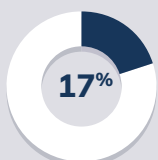


in Computer Science

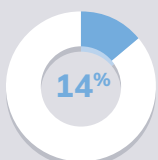


in Physics

Latina, Black, and Indigenous women continue to be underrepresented in STEM, but are gradually increasing their share of STEM degrees.



17%



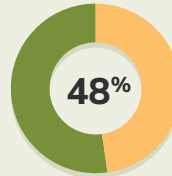
14%

Latina, Black, and Indigenous women:

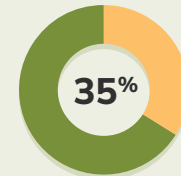
- make up 17% of the total U.S. population
- earn 14% of bachelor's degrees in STEM fields

STEM Workforce

Women remain underrepresented in the science and engineering workforce, with the greatest disparities occurring in engineering and computer sciences.



Women constitute 48% of the total workforce.



Women constitute 35% of the STEM workforce.

Women STEM professionals are concentrated in different fields that men, with relatively high shares of women in

SOCIAL SCIENCES

65%

LIFE SCIENCES

48%

and relatively low shares of women in

COMPUTER AND MATHEMATICAL SCIENCES

26%

ENGINEERING

16%

Latina, Black, and Indigenous women represent less than 10% of the STEM workforce.



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