



Female students' achievement in mathematics and science is on par with their male peers.¹

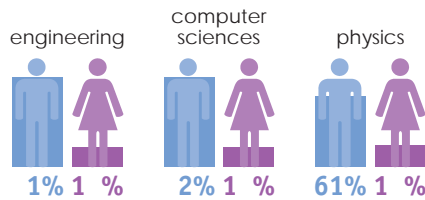


The rates of science and engineering (S&E) and gender disparities begin to emerge.

57% Women earn 57% of bachelor's degrees in all fields; **50%** 50% of bachelor's degrees in S&E.¹

Within S&E, men and women tend to study different fields.

Men earn a majority of bachelor's degrees awarded in:

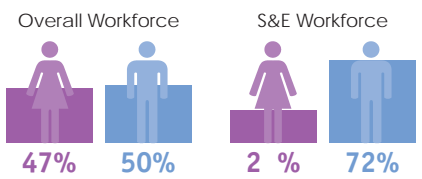


Women earn a majority of bachelor's degrees in psychology, biological sciences, and social sciences.¹

11% of early career doctorate holders with a science and engineering degree are either white or Asian.²

- **7%** are Black women
- **4%** are Latina
- **1%** are other women racially underrepresented in science and engineering

Women remain underrepresented in the science and engineering workforce, with the



Female scientists and engineers are concentrated in different occupations than men, with relatively high shares of women in the social sciences (60%) and life sciences (48%) and **1%** in physical sciences (1%).¹

Black women, Latinas, and other women racially underrepresented in STEM comprise fewer than 1 in 20 employed scientists and engineers.²

¹ Google for Education (2016). Diversity Gaps in Computer Science: Exploring the Underrepresentation of Girls, Blacks and Hispanics.

² Educational Research Center of America (2016). STEM Classroom to Career: Opportunities to Close the Gap.

³ National Science Board, 2018. *Science and Engineering Indicators 2018*. Arlington, VA: National Science Foundation (NSB-2018-1).

¹ National Science Board, 2018. *Science and Engineering Indicators 2018*. Arlington, VA: National Science Foundation (NSB-2018-1).

² National Science Foundation, National Center for Science and Engineering Statistics. (2017). Women, Minorities, and Persons with Disabilities in Science and Engineering: 2017. Special Report NSF 17-310. Arlington, VA.

¹ National Science Board, 2018. *Science and Engineering Indicators 2018*. Arlington, VA: National Science Foundation (NSB-2018-1).

² National Science Foundation, National Center for Science and Engineering Statistics. (2017). Women, Minorities, and Persons with Disabilities in Science and Engineering: 2017. Special Report NSF 17-310. Arlington, VA.

