

By the Numbers

Women and Information Technology

57 Percent of professional occupations in the 2018 U.S. workforce held by women⁴

26 Percent of professional computing occupations in the 2018 U.S. workforce held by women⁴

20 Percent of Fortune 500 Chief Information Officer (CIO) positions held by women in 2018¹

3.5 million

Number of U.S. computing-related job openings expected by 2026⁵

19 Percent of these jobs that could be filled by U.S. computing bachelor's degree recipients by 2026⁵

56 Percent of Advanced Placement (AP) test-takers in 2018 who were female²

47 Percent of AP Calculus test-takers in 2018 who were female²

28 Percent of AP Computer Science test-takers in 2018 who were female²

49 Percent of 2018 Intel Science and Engineering Fair (ISEF) finalists who were female⁶

46 Percent of 2018 ISEF finalists in Engineering who were female⁶

27 Percent of 2018 ISEF finalists in Computing categories who were female⁶

57 Percent of 2017 bachelor's degree recipients who were women⁷

19 Percent of 2017 Computer and Information Sciences bachelor's degree recipients who were women⁷

19 Percent of 2017 Computer Science bachelor's degree recipients at PhD-granting universities who were women³

37 Percent of 1985 Computer Science bachelor's degree recipients who were women⁷

26 Percent of computing workforce who were women in 2018⁴

3 Percent of computing workforce who were African-American women in 2018⁴

6 Percent of computing workforce who were Asian women in 2018⁴

2 Percent of computing workforce who were Hispanic women in 2018⁴

Sources:

¹Boardroom Insiders, 2018 ("2018's State of Women CIOs in the Fortune 500")

²College Board AP Program Summary Report, 2018 (Calculus AB & BC, Computer Science A, Computer Science Principles)

³CRA Taulbee Survey, 2017

⁴Department of Labor Bureau of Labor Statistics, Employed and Experienced Unemployed Persons by Detailed Occupation, Sex, Race, and Hispanic or Latino Ethnicity 2018 (unpublished table from Current Population Survey 2018)

⁵Department of Labor Statistics, Employment Projections (Occupational Category: 15-1100) Includes new and replacement jobs and assumes current undergraduate degree (CIP 11) production levels persist

⁶Intel ISEF finalist breakdown by gender, 2018 (unpublished)

⁷Integrated Postsecondary Education System (IPEDS) at National Center for Education Statistics (NCES), 2017 (CIP 11)

