

By the Numbers

Women and Information Technology

57 Percent of professional occupations in the 2017 U.S. workforce held by women

26 Percent of professional computing occupations in the 2017 U.S. workforce held by women

17 Percent of Fortune 500 Chief Information Officer (CIO) positions held by women in 2017

3.5 million

Number of U.S. computing-related job openings expected by 2026

17 Percent of these jobs that could be filled by U.S. computing bachelor's degree recipients by 2026

56 Percent of Advanced Placement (AP) test-takers in 2017 who were female

47 Percent of AP Calculus test-takers in 2017 who were female

23 Percent of AP Computer Science test-takers in 2017 who were female

60 Percent of 2017 Intel Science and Engineering Fair (ISEF) finalists in Biology categories who were female

23 Percent of 2017 ISEF finalists in Mathematics who were female

31 Percent of 2017 ISEF finalists in Computing categories who were female

57 Percent of 2016 bachelor's degree recipients who were women

19 Percent of 2016 Computer and Information Sciences bachelor's degree recipients who were women

18 Percent of 2016 Computer Science bachelor's degree recipients at major research universities who were women

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

26 Percent of computing workforce who were women in 2017

3 Percent of computing workforce who were African-American women in 2017

5 Percent of computing workforce who were Asian women in 2017

1 Percent of computing workforce who were Hispanic women in 2017

Sources: Boardroom Insider, 2017 ("Chief Information Office: Fortune 500 Female CIOs in 2017"); College Board AP Program Summary Report, 2017 (Calculus AB & BC, Computer Science A); CRA Taulbee Survey 2016; Department of Labor Bureau of Labor Statistics, Employed and Experienced Unemployed Persons by Detailed Occupation, Sex, Race, and Hispanic or Latino Ethnicity 2017 (unpublished table from Current Population Survey 2017); Department of Labor Statistics, Employment Projections (Occupational Category: 15-1100) Includes new and replacement jobs and assumes current undergraduate degree (CIP 11) production levels persist; Department of Labor Bureau of Labor Statistics, Employed Persons by Detailed Occupation, Sex, Race, and Hispanic or Latino Ethnicity 2017; Higher Education Research Institute (HERI), "The American Freshman: National Norms 2016"; Intel ISEF finalist breakdown by gender, 2017 (unpublished); National Center for Education Statistics (NCES), 2017 (CIP 11).



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