

By the Numbers

Women and Information Technology

57 Percent of professional occupations in the 2015 U.S. workforce held by women

25 Percent of professional computing occupations in the 2015 U.S. workforce held by women

17 Percent of Fortune 500 Chief Information Officer (CIO) positions held by women in 2015

1.1 million
Number of U.S. computing-related job openings expected by 2024

41 Percent of these jobs that could be filled by U.S. computing bachelor's degree recipients by 2024

56 Percent of Advanced Placement (AP) test-takers in 2015 who were female

47 Percent of AP Calculus test-takers in 2015 who were female

22 Percent of AP Computer Science test-takers in 2015 who were female

59 Percent of 2015 Intel Science and Engineering Fair (ISEF) finalists in Biology categories who were female

25 Percent of 2015 ISEF finalists in Mathematics who were female

23 Percent of 2015 ISEF finalists in Computing categories who were female

57 Percent of 2014 bachelor's degree recipients who were women

17 Percent of 2014 Computer and Information Sciences bachelor's degree recipients who were women

15 Percent of 2014 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

21 Percent increase in the number of first-year undergraduate women interested in majoring in Computer Science between 2000 and 2015

25 Percent of computing workforce who were women in 2015

3 Percent of computing workforce who were African-American women in 2015

5 Percent of computing workforce who were Asian women in 2015

1 Percent of computing workforce who were Hispanic women in 2015

Sources: Boardroom Insiders, 2015 ("Five Facts About Fortune 500 Female CIOs"); College Board AP Program Summary Report, 2015 (Calculus AB & BC, Computer Science A); CRA Taulbee Survey 2014; Department of Labor Bureau of Labor Statistics, Labor Force Characteristics by Race and Ethnicity 2015; Department of Labor Bureau of Labor, Employment by Detailed Occupation 2014 (Occupational Category: 15-1100), Projection 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 2015; Higher Education Research Institute (HERI), "The American Freshman: National Norms 2015"; Intel ISEF finalist breakdown by gender, 2015 (unpublished); National Center for Education Statistics (NCES), 2014 (CIP 11).

