

By the Numbers

Women and Information Technology

57 Percent of professional occupations in the 2014 U.S. workforce held by women

26 Percent of professional computing occupations in the 2014 U.S. workforce held by women

6 Percent of corporate Chief Information Officer (CIO) positions held by women in 2014

1.2 million
Number of U.S. computing-related job openings expected by 2022

39 Percent of these jobs that could be filled by U.S. computing bachelor's degree recipients by 2022

56 Percent of Advanced Placement (AP) test-takers in 2014 who were female

47 Percent of AP Calculus test-takers in 2014 who were female

20 Percent of AP Computer Science test-takers in 2014 who were female

49 Percent of 2014 Intel Science and Engineering Fair (ISEF) finalists in Biochemistry who were female

32 Percent of 2014 ISEF finalists in Mathematics who were female

24 Percent of 2014 ISEF finalists in Computer Science who were female

57 Percent of 2013 bachelor's degree recipients who were women

18 Percent of 2013 Computer and Information Sciences bachelor's degree recipients who were women

14 Percent of 2013 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

7 Percent decline in the number of first-year undergraduate women interested in majoring in Computer Science between 2000 and 2014

26 Percent of computing workforce who were women in 2014

3 Percent of computing workforce who were African-American women in 2014

5 Percent of computing workforce who were Asian women in 2014

1 Percent of computing workforce who were Hispanic women in 2014

Sources: U.S. Department of Labor, Bureau of Labor Statistics, 2014 (Occupational Category: 15-0000); Harvey Nash, 2014; Includes new and replacement jobs and assumes current undergraduate degree (CIP 11) production levels persist; College Board AP Program Summary Report, 2014 (Calculus AB & BC, Computer Science A); Intel ISEF finalist breakdown by gender, 2014 (unpublished); National Center for Education Statistics (NCES), 2013 (CIP 11); 2012-2013 CRA Taulbee survey (Computer Science); The American Freshman: Forty Year Trends, 1966-2006, The American Freshman: National Norms Fall 2014, Higher Education Research Institute (HERI).

