

# 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AP Program Summary Report, 2014 (Calculus AB & BC, Computer Science A); Intel ISEF finalist breakdown by gender, 2014 (unpublished); National Center for Education Statistics (NCES), 2013 (CIP 11); 2012-2013 CRA Taulbee survey (Computer Science); The American Freshman: Forty Year Trends,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).

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