

# By the Numbers

Women and  
Information  
Technology

**57** Percent of professional occupations in the 2013 U.S. workforce held by women

**26** Percent of professional computing occupations in the 2013 U.S. workforce held by women

**24** Percent of Chief Information Officer (CIO) positions at Fortune 100 companies held by women in 2012

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

**39** Percent of these jobs that could be filled by U.S. computing undergraduates by 2022

**56** Percent of Advanced Placement (AP) test-takers in 2013 who were female

**46** Percent of AP Calculus test-takers in 2013 who were female

**19** Percent of AP Computer Science test-takers in 2013 who were female

**63** Percent of 2013 Intel Science and Engineering Fair (ISEF) finalists in Biochemistry who were female

**25** Percent of 2013 ISEF finalists in Mathematics who were female

**14** Percent of 2013 ISEF finalists in Computer Science who were female

**57** Percent of 2012 undergraduate degree recipients who were women

**18** Percent of 2012 Computer and Information Sciences undergraduate degree recipients who were women

**12** Percent of 2012 Computer Science undergraduate degree recipients at major research universities who were women

**37** Percent of 1985 Computer Science undergraduate degree recipients who were women

**64** Percent decline in the number of first-year undergraduate women interested in majoring in Computer Science between 2000 and 2012

**26** Percent of computing workforce who were women in 2013

**3** Percent of computing workforce who were African-American women in 2013

**5** Percent of computing workforce who were Asian women in 2013

**2** Percent of computing workforce who were Hispanic women in 2013

Sources: U.S. Department of Labor, Bureau of Labor Statistics, 2013 (Occupational Category: 15-0000); Boardroom Insiders, 2012; Includes new and replacement jobs and assumes current undergraduate degree (CIP 11) production levels persist; College Board AP Program Summary Report, 2013 (Calculus AB & BC, Computer Science A); Intel ISEF finalist breakdown by gender, 2013 (unpublished); National Center for Education Statistics (NCES), 2012 (CIP 11); 2011-2012 CRA Taulbee survey (Computer Science); The American Freshman: Forty Year Trends, 1966-2006, The American Freshman: National Norms Fall 2012, Higher Education Research Institute (HERI).

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