

By the Numbers

Women and
Information
Technology

57 Percent of professional occupations in the 2012 U.S. workforce held by women

26 Percent of professional computing occupations in the 2012 U.S. workforce held by women

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

1.4 million
Number of computing-related job openings expected in the U.S. by 2020

32 Percent of these jobs that could be filled by U.S. computing undergraduates by 2020

54 Percent of Advanced Placement (AP) test-takers in 2012 who were female

46 Percent of AP Calculus test-takers in 2012 who were female

19 Percent of AP Computer Science test-takers in 2012 who were female

63 Percent of 2012 Intel Science and Engineering Fair (ISEF) finalists in Biochemistry who were female

31 Percent of 2013 ISEF finalists in Mathematics who were female

13 Percent of 2013 ISEF finalists in Computer Science who were female

57 Percent of 2011 undergraduate degree recipients who were female

18 Percent of 2011 Computer and Information Sciences undergraduate degree recipients who were female

12 Percent of 2011 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 2011

26 Percent of computing workforce who were female in 2012

3 Percent of computing workforce who were African-American women in 2012

4 Percent of computing workforce who were Asian women in 2012

1 Percent of computing workforce who were Hispanic women in 2012

Sources: U.S. Department of Labor, Bureau of Labor Statistics, 2012 (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AP Program Summary Report, 2012 (Calculus AB & BC, Computer Science A); Intel ISEF finalist breakdown by gender, 2012 (unpublished); National Center for Education Statistics (NCES), 2011 (CIP 11); 2010-2011 CRA Taulbee survey (Computer Science); The American Freshman: Forty Year Trends,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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