

By the Numbers

Women and
Information
Technology

58 Percent of professional occupations in the 2009 U.S. workforce held by women

25 Percent of professional computing occupations in the 2009 U.S. workforce held by women

11 Percent of corporate officer positions at Fortune 500 technology companies held by women

1.4 million

Computer specialist job openings expected in the U.S. by 2018

29 Percent of these jobs that could be filled by U.S. computing graduates by 2018

56 Percent of Advanced Placement (AP) test-takers in 2010 who were female

46 Percent of AP Calculus test-takers in 2010 who were female

19 Percent of AP Computer Science test-takers in 2010 who were female

56 Percent of 2010 Intel Science and Engineering Fair (ISEF) finalists in Biochemistry who were female

26 Percent of 2010 ISEF finalists in Mathematics who were female

17 Percent of 2010 ISEF finalists in Computer Science who were female

57 Percent of 2009 undergraduate degree recipients who were women

18 Percent of 2009 Computer and Information Sciences undergraduate degree recipients who were women

11 Percent of 2009 Computer Science undergraduate degree recipients at major research universities who were women

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

79 Percent decline in the number of first-year undergraduate women interested in majoring in Computer Science between 2000 and 2009

25 Percent of women in computing occupations in 2009

2 Percent of women in computing occupations in 2009 who were African-American

4 Percent of women in computing occupations in 2009 who were Asian

1 Percent of women in computing occupations in 2009 who were Hispanic

Sources: Department of Labor Bureau of Labor Statistics, 2009 (Occupational Category: 15–1000); 2008 Catalyst Census of Women Corporate Officers and Top Earners of the Fortune 500; Includes new and replacement jobs and assumes current undergraduate degree (CIP 11) production levels persist; College Board AP Program Summary Report, 2010 (Calculus AB & BC, Computer Science A); Intel ISEF finalist breakdown by gender, 2010 (unpublished); National Center of Educational Statistics (NCES), 2009 (CIP 11); 2008–2009 CRA Taulbee survey (Computer Science); The American Freshman: Forty Year Trends, 1966–2006, The American Freshman: National Norms Fall 2009, Higher Education Research Institute (HERI).

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