

Women & Information Technology By the Numbers

57 Percent of professional occupations in the 2008 U.S. workforce held by women

24 Percent of professional IT-related occupations in the 2008 U.S. workforce held by women

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

1,524,000

Total available computer specialist jobs expected in U.S. workforce by 2016

Percent of these jobs for which U.S. universities may graduate candidates with computer science bachelor's degrees in 2016

53

56 Percent of Advanced Placement (AP) test-takers in 2008 who were female

51 Percent of AP Calculus test-takers in 2008 who were female

17 Percent of AP Computer Science test-takers in 2008 who were female

65 Percent of 2008 Intel Science and Engineering Fair (ISEF) finalists in Biochemistry who were female

35 Percent of 2008 ISEF finalists in Mathematics who were female

19 Percent of 2008 ISEF finalists in Computer Science who were female

57 Percent of 2008 undergraduate degree recipients who were female

18 Percent of 2008 Computer and Information Sciences undergraduate degree recipients who were female

12 Percent of 2008 Computer Science undergraduate degree recipients at major research universities who were female

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

79 Percent decline in the number of incoming undergraduate women interested in majoring in Computer Science between 2000 and 2008

27 Percent of Computer Scientists in 2008 who were female

3 Percent of Computer Scientists in 2008 who were female and African-American

3 Percent of Computer Scientists in 2008 who were female and Asian

1 Percent of Computer Scientists in 2008 who were female and Hispanic

Department of Labor Bureau of Labor Statistics, 2008 (unpublished); 2008 Catalyst Census of Women Corporate Officers and Top Earners of the Fortune 500; Department of Labor Monthly Labor Review, 2008 (Occupational Category: 15-1000); 2016 job fulfillment assumes current degree production levels (CIP11) persist and job growth is equivalent year to year; College Board AP Program Summary Report, 2008 (Calculus AB, Computer Science A & AB); Intel ISEF finalist breakdown by gender, 2008 (unpublished); National Center of Educational Statistics (NCES), 2008 (CIP 11); 2007-2008 CRA Taulbee survey (Computer Science); The American Freshman: Forty Year Trends, 1966-2006, Higher Education Research Institute (HERI).

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