

# By the Numbers

Women and  
Information  
Technology

**57** Percent of professional occupations in the 2017 U.S. workforce held by women

**26** Percent of professional computing occupations in the 2017 U.S. workforce held by women

**17** Percent of Fortune 500 Chief Information Officer (CIO) positions held by women in 2017

**3.5 million**

Number of U.S. computing-related job openings expected by 2026

**17** Percent of these jobs that could be filled by U.S. computing bachelor's degree recipients by 2026

**56** Percent of Advanced Placement (AP) test-takers in 2017 who were female

**47** Percent of AP Calculus test-takers in 2017 who were female

**23** Percent of AP Computer Science test-takers in 2017 who were female

**60** Percent of 2017 Intel Science and Engineering Fair (ISEF) finalists in Biology categories who were female

**23** Percent of 2017 ISEF finalists in Mathematics who were female

**31** Percent of 2017 ISEF finalists in Computing categories who were female

**57** Percent of 2016 bachelor's degree recipients who were women

**19** Percent of 2016 Computer and Information Sciences bachelor's degree recipients who were women

**18** Percent of 2016 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

**26** Percent of computing workforce who were women in 2017

**3** Percent of computing workforce who were African-American women in 2017

**5** Percent of computing workforce who were Asian women in 2017

**1** Percent of computing workforce who were Hispanic women in 2017

**Sources:** Boardroom Insider, 2017 ("Chief Information Office: Fortune 500 Female CIOs in 2017"); College Board AP Program Summary Report, 2017 (Calculus AB & BC, Computer Science A); CRA Taulbee Survey 2016; Department of Labor Bureau of Labor Statistics, Employed and Experienced Unemployed Persons by Detailed Occupation, Sex, Race, and Hispanic or Latino Ethnicity 2017 (unpublished table from Current Population Survey 2017); Department of Labor Statistics, Employment Projections (Occupational Category: 15-1100) Includes new and replacement jobs and assumes current undergraduate degree (CIP 11) production levels persist; Department of Labor Bureau of Labor Statistics, Employed Persons by Detailed Occupation, Sex, Race, and Hispanic or Latino Ethnicity 2017; Higher Education Research Institute (HERI), "The American Freshman: National Norms 2016"; Intel ISEF finalist breakdown by gender, 2017 (unpublished); National Center for Education Statistics (NCES), 2017 (CIP 11).

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