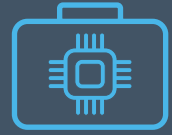# Women and Information Technology

By the Numbers

57 Percent of professional occupations in the 2019 U.S. workforce held by women[4]

26 Percent of professional computing occupations in the 2019 U.S. workforce held by women[4]

18 Percent of Chief Information Officer (CIO) positions in Top 1000 Companies held by women in 2019[1]

4 million Number of U.S. computing-related job openings expected by 2028[5]

18 Percent of these jobs that could be filled by U.S. computing bachelor's degree recipients by 2028[5]

56 Percent of Advanced Placement (AP) test-takers in 2019 who were girls[2]

47 Percent of AP Calculus test-takers in 2019 who were girls[2]

29 Percent of AP Computer Science test-takers in 2019 who were girls[2]

50 Percent of 2019 International Science and Engineering Fair (ISEF) finalists who were girls[6]

42 Percent of 2019 ISEF finalists in Engineering who were girls[6]

28 Percent of 2019 ISEF finalists in Computing categories who were girls[6]

57 Percent of 2019 bachelor's degree recipients who were women[7]

21 Percent of 2019 Computer and Information Sciences bachelor's degree recipients who were women[7]

21 Percent of 2019 Computer Science bachelor's degree recipients at PhD-granting universities who were women[3]

37 Percent of 1985 Computer Science bachelor's degree recipients who were women[7]

26 Percent of computing workforce who were women in 2019[4]

3 Percent of computing workforce who were African-American women in 2019[4]

7 Percent of computing workforce who were Asian women in 2019[4]

2 Percent of computing workforce who were Hispanic women in 2019[4]

SOURCES:

[1]Korn Ferry, 2019. "Analysis of Largest U.S. Companies Shows percentage of Women in C-Suite Roles Inches Up from Previous Year"

[2]College Board AP Program Summary Report, 2019 (Calculus AB & BC, Computer Science A, Computer Science Principles)

[3]CRA Taulbee Survey, 2019

[4]Department of Labor Bureau of Labor Statistics, Employed and Experienced Unemployed Persons by Detailed Occupation, Sex, Race, and Hispanic or Latino Ethnicity, 2019 (unpublished table from Current Population Survey 2019)

[5]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

[6]International Science and Engineering Fair (ISEF) finalist breakdown by gender, 2019 (unpublished)

[7]Integrated Postsecondary Education System (IPEDS) at National Center for Education Statistics (NCES), 2019 (CIP 11)

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