Women and Information Technology

By the Numbers

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

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

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

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

18 Percent of these jobs that could be filled by U.S. computing bachelor’s degree recipients by 2028

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

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

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

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

42 Percent of 2019 ISEF finalists in Engineering who were girls

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

57 Percent of 2019 bachelor’s degree recipients who were women

21 Percent of 2019 Computer and Information Sciences bachelor’s degree recipients who were women

21 Percent of 2019 Computer Science bachelor’s degree recipients at PhD-granting 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 2019

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

7 Percent of computing workforce who were Asian women in 2019

2 Percent of computing workforce who were Hispanic women in 2019

Sources:
3. CRA Taulbee 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
7. Integrated Postsecondary Education System (IPEDS) at National Center for Education Statistics (NCES), 2019 (CIP 11)