By the Numbers

3.6 million
Number of U.S. computing-related job openings expected by 2029

Percent of Advanced Placement (AP) test-takers in 2020 who were girls

Percent of AP Calculus test-takers in 2020 who were girls

Percent of AP Computer Science test-takers in 2020 who were girls

Percent of AP schools offering AP CS Principles in 2020

Percent of states requiring high schools teach CS

Number of states requiring CS for high school graduation

Percent of 2019 bachelor’s degree recipients who were women

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

Percent of 2019 Computer Science bachelor’s degree recipients at PhD-granting universities who were women

Percent of 1985 Computer Science bachelor’s degree recipients who were women

Percent of computing workforce who were women in 2020

Percent of computing workforce who were African-American women in 2020

Percent of computing workforce who were Asian women in 2020

Percent of computing workforce who were Hispanic women in 2020

SOURCES:
3. CRA Taulbee Survey, 2019
5. Department of Labor Statistics, Employment Projections 2019-2029 (Occupational Category: 15-1100) Includes new and replacement jobs and assumes current undergraduate degree (CIP 11) production levels persist
6. College Board AP Course Ledger, 2019-2020
7. Code.org, 2020, State Tracking 9 Policies
8. 2020 State of Computer Science Education Illuminating Disparities
9. Integrated Postsecondary Education System (IPEDS) at National Center for Education Statistics (NCES), 2019 (CIP 11)