### Women and Information Technology

#### By the Numbers

- **4.7 million**: Number of U.S. computing-related job openings expected by 2030
- **57%**: Percent of 2020 bachelor's degree recipients who were women
- **22%**: Percent of 2020 Computer and Information Sciences bachelor's degree recipients who were women
- **21%**: Percent of 2020 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
- **56%**: Percent of Advanced Placement (AP) test-takers in 2021 who were girls
- **46%**: Percent of AP Calculus test-takers in 2021 who were girls
- **30%**: Percent of AP Computer Science test-takers in 2021 who were girls
- **5%**: Number of AP test-takers in 2021 who were girls
- **26%**: Percent of 2020 Computer and Information Sciences bachelor's degree recipients who were women
- **21%**: Percent of 2020 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 2021
- **3%**: Percent of computing workforce who were Black or African-American women in 2021
- **7%**: Percent of computing workforce who were Asian women in 2021
- **2%**: Percent of computing workforce who were Hispanic or Latina women in 2021
- **331%**: Percent increase in girls taking CS AP exams since 2016
- **46%**: Percent of states in 2021 requiring high schools teach CS
- **3%**: Number of states in 2021 requiring CS for high school graduation

#### Sources:

3. *CRA Taulbee Survey, 2020*
5. Department of Labor Statistics, Employment Projections 2020-2030 (Occupational Category: 15-1100) includes new and replacement jobs and assumes current undergraduate degree (CIP 11) production levels persist
8. 2021 State of Computer Science Education: Accelerating Action through Advocacy Illuminating Disparities
9. Integrated Postsecondary Education System (IPEDS) at National Center for Education Statistics (NCES), 2020 (CIP 11)

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