

Cybersecurity Workforce Demand



1.8 Million
MORE cybersecurity professionals will be needed to accommodate the predicted global shortfall by 2022

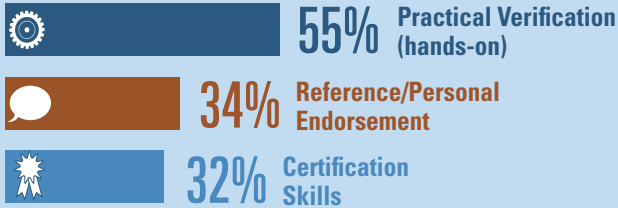
Source: (ISC)² 2017 Global Information Security Workforce Study



On average, **37%** of IT professionals surveyed stated fewer than **25%** of all applicants were qualified

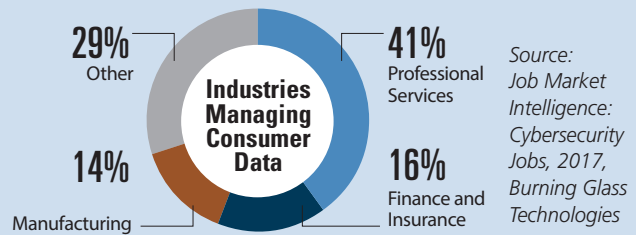
Source: ISACA State of Cybersecurity 2017: Current Trends in Workforce Development

The most important attributes of a qualified applicant



Source: ISACA State of Cybersecurity 2017: Current Trends in Workforce Development

Top industries for cybersecurity job openings



Source: Job Market Intelligence: Cybersecurity Jobs, 2017, Burning Glass Technologies

299,335 total cybersecurity job openings

746,858 total employed cybersecurity workforce

Source: CyberSeek, August 2017

Education and Experience Requirements in cybersecurity job openings

- Sub-Bachelor's - **15%**
- Bachelor's - **64%**
- Graduate - **21%**



Source: Job Market Intelligence: Cybersecurity Jobs, 2017

Approximately **11%**

of the current cybersecurity workforce are comprised of women



Source: (ISC)² 2017 Global Information Security Workforce Study: Women in Cybersecurity

13.5%
Growth



Computer and mathematical occupations will grow much faster than the average job during 2016–2026

Source: Bureau of Labor Statistics, U.S. Department of Labor

Top Cybersecurity Job Titles

- Cybersecurity Engineer
- Cybersecurity Analyst
- Network Engineer/Architect
- Cybersecurity Manager
- Software Developer/Engineer
- Systems Engineer

Source: CyberSeek, August 2017

Hardest to fill skills in cybersecurity job postings

Source: Job Market Intelligence: Cybersecurity Jobs, 2017, Burning Glass Technologies



- Software Engineering
- Disaster Recovery Planning
- Network Engineering
- Software Development
- Network Administration
- Python
- Information Assurance
- Risk Management Framework
- Cryptography
- Network Security