Cybersecurity Workforce Demand

457,398 cybersecurity job openings

1,251,007 employed in the cybersecurity workforce

Source: CyberSeek June 2025

4.7 million global shortage of cybersecurity professionals.

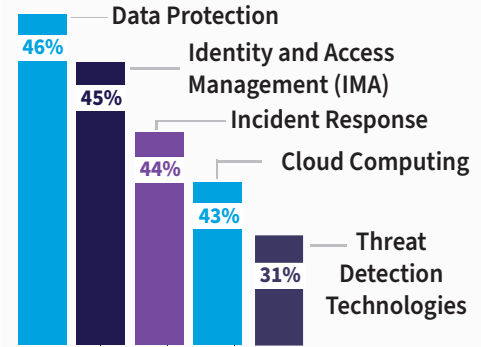*Source: (ISC)2 2024 Cybersecurity Workforce Study*

97% of corporate boards see cybersecurity as a business priority

Source: Fortinet 2024 Cybersecurity Skills Gap

The top five most important security skills needed in organizations today

- Data Protection — **46%**
- Identity and Access Management (IMA) — **45%**
- Incident Response — **44%**
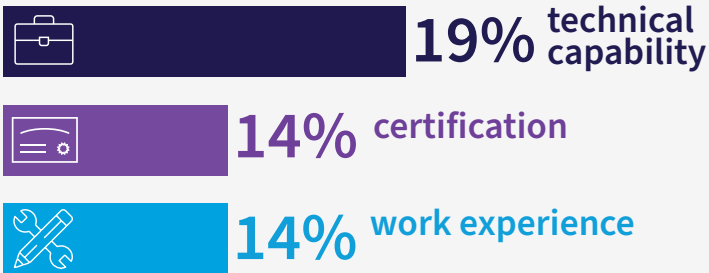- Cloud Computing — **43%**
- Threat Detection Technologies — **31%**

Source: ISACA State of Cybersecurity 2024

90% of cybersecurity professionals have one or more skills gaps on their cybersecurity teams.

Source: (ISC)2 2024 Cybersecurity Workforce Study
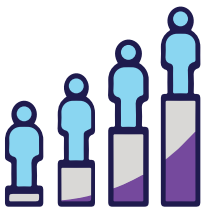
The top 3 ranking hiring qualifications: all regions

- **19%** technical capability
- **14%** certification
- **14%** work experience

Source: 2025 Cybersecurity Workforce Research Report by SANS

Top Cybersecurity Job Titles

Network Engineer
Systems Administrator
Cybersecurity Engineer
Cybersecurity Analyst
Security Engineer
Systems Engineer
Information Systems Security Officer
Network Administrator
Information Security Analyst
Software Engineer

Source: CyberSeek June 2024

33% Growth Employment of information security analysts is projected to grow 33 percent from 2023 to 2033, much faster than the average for all occupations.

Source: Bureau of Labor Statistics

59% of hiring managers don't know enough about Gen AI to know which skills professionals will need to succeed in an AI-driven world. Hiring managers seem to favor nontechnical skills that will be transferable no matter what the future looks like.

Source: (ISC)2 2024 Cybersecurity Workforce Study