

CYBERSECURITY

TALENT SHORTAGE

RISE IN CYBERCRIME



The cybersecurity job forecasts have been unable to keep pace with the dramatic rise in cybercrime, which is predicted to reach **\$6 trillion in 2021** and **\$10.5 trillion by 2025**¹.

SECURITY STARTS AT THE TOP

45% Does Not Employ

58% Should Employ

13% up by 2025

Nearly **half (45%)** of companies surveyed do not employ a chief information security officer (CISO). However, **58%** believe they should hire a CISO or CSO².

ZERO UNEMPLOYMENT RATE

459,767
UNFILLED JOBS

3,500,000
UNFILLED JOBS
BY 2025

Cybersecurity job postings in the US are up 74% over the past five years.³

The demand is expected to **grow by 53%** through 2018.

Over an eight-year period tracked by Cybersecurity Ventures, the number of unfilled cybersecurity jobs **grew by 350 percent**, from one million positions in 2013 to **3.5 million** in 2021.⁴



\$1.75 TRILLION IN CYBERSECURITY PRODUCTS

The imperative to protect increasingly digitized businesses, Internet of Things (IoT) devices, and consumers from cybercrime will propel global spending on cybersecurity products and services to **\$1.75 trillion** cumulatively for the five-year period from 2021 to 2025, according to Cybersecurity Ventures. The figures reflect, in part, the dramatic change that the COVID-19 pandemic has wrought.⁵

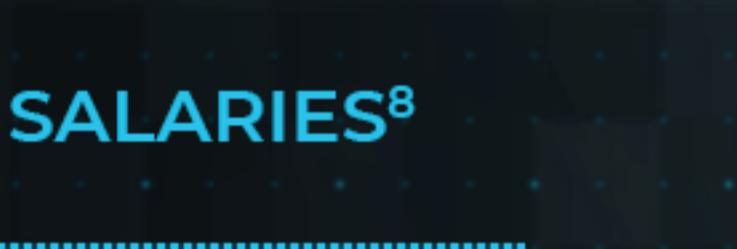
200 ZETTABYTES

OF DATA WILL NEED TO BE SECURED BY 2025

This includes data stored on private and public IT infrastructures, on utility infrastructures, on private and public cloud data centers, on personal computing devices — PCs, laptops, tablets, and smartphones — and on IoT (Internet-of-Things) devices.⁶

70 PERCENT

70% of cybersecurity professionals claim their organization is impacted by the cybersecurity skills shortage.⁷



TOP FIVE IT SECURITY SALARIES⁸

Chief Information Security Officer	\$171,022
Security director	\$147,000
Cybersecurity manager	\$132,453
IT security architect	\$127,000
Information security manager	\$118,819



25% OF WOMEN

Women represent **25 percent** of the global cybersecurity workforce in 2021, according to Cybersecurity Ventures, up from 20 percent in 2019, and around 10 percent in 2011.⁹

2021 3 25% Women

2019 2 20% Women

2011 1 10% Women

1. <https://cybersecurityventures.com/hackerpocalypse-cybercrime-report-2016>

2. <https://venturebeat.com/2021/11/19/report-only-half-of-companies-employ-a-ciso/>

3. <https://www.einpresswire.com/article/556075599/cybersecurity-jobs-report-3-5-million-openings-through-2025>

4. <https://cybersecurityventures.com/jobs/>

5. <https://cybersecurityventures.com/cybersecurity-spending-2021-2025/>

6. <https://cybersecurityventures.com/cybersecurity-almanac-2022/>

7. https://www.esg-global.com/esg-issa-research-report-2020?utm_campaign=ESG%20Research&utm_source=slider

8. <https://resources.infosecinstitute.com/topic/the-top-10-highest-paying-jobs-in-information-security-in-2021/>

9. <https://cybersecurityventures.com/jobs/>