

RSA®Conference2020

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HUMAN
ELEMENT

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The Life and Times of Cybersecurity Professionals 2020



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Top Cybersecurity Challenges



31%

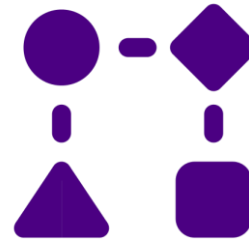
The cybersecurity staff is understaffed for the size of my organization



28%

Not enough training for non-technical employees

Up from 14% last year



28%

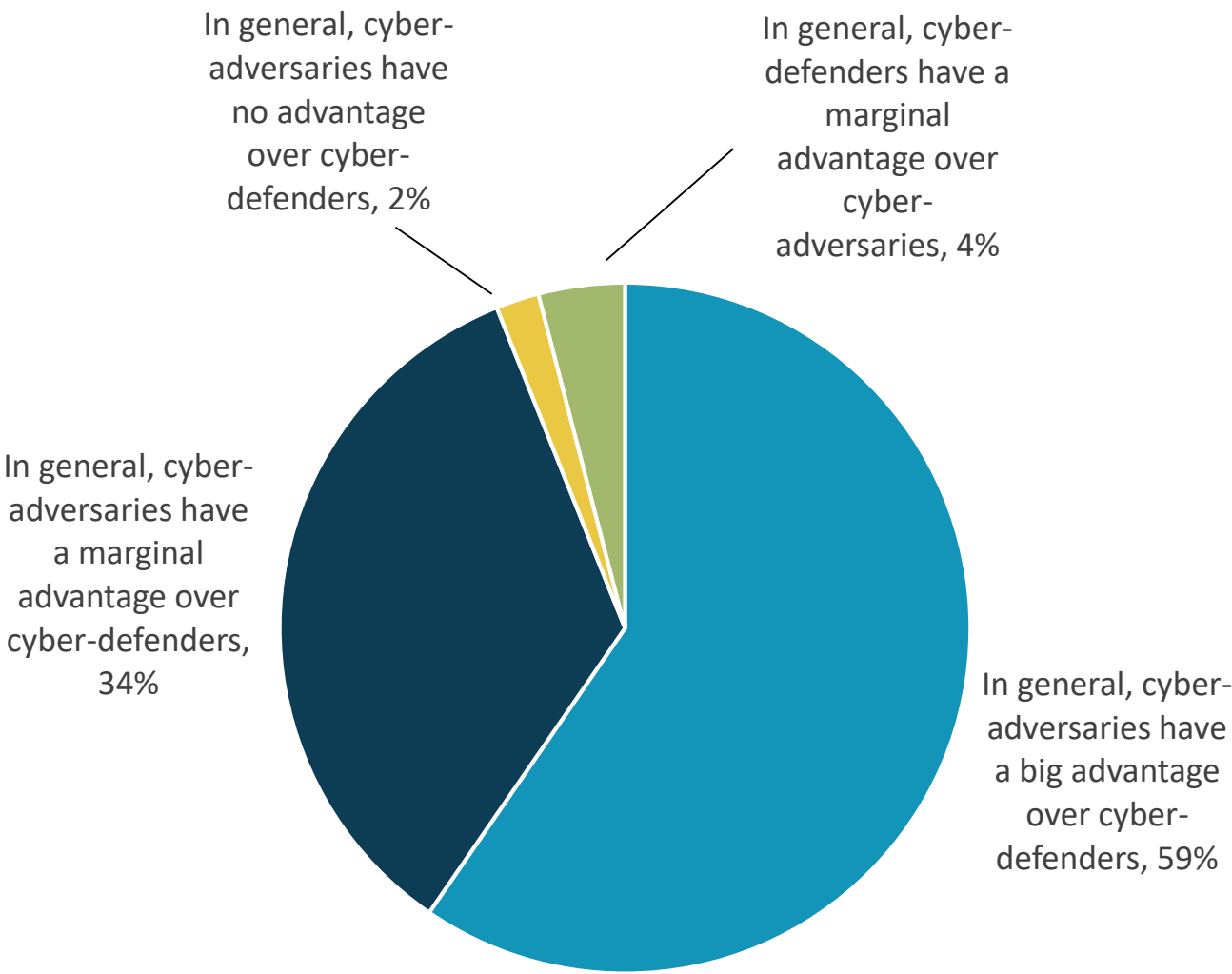
My organization depends upon too many manual and/or informal processes for cybersecurity



23%

Lack of cybersecurity knowledge, oversight, and commitment by business management

Balance of Power



Cybersecurity Professionals Opinions



92% agree

Cybersecurity professionals must keep up with their skills or the organizations they work for are at a significant disadvantage against today's cyber-adversaries



77% agree

That they are happy with a cybersecurity career



64% agree

That they've worked at one or more organization that doesn't really understand cybersecurity or fund it appropriately

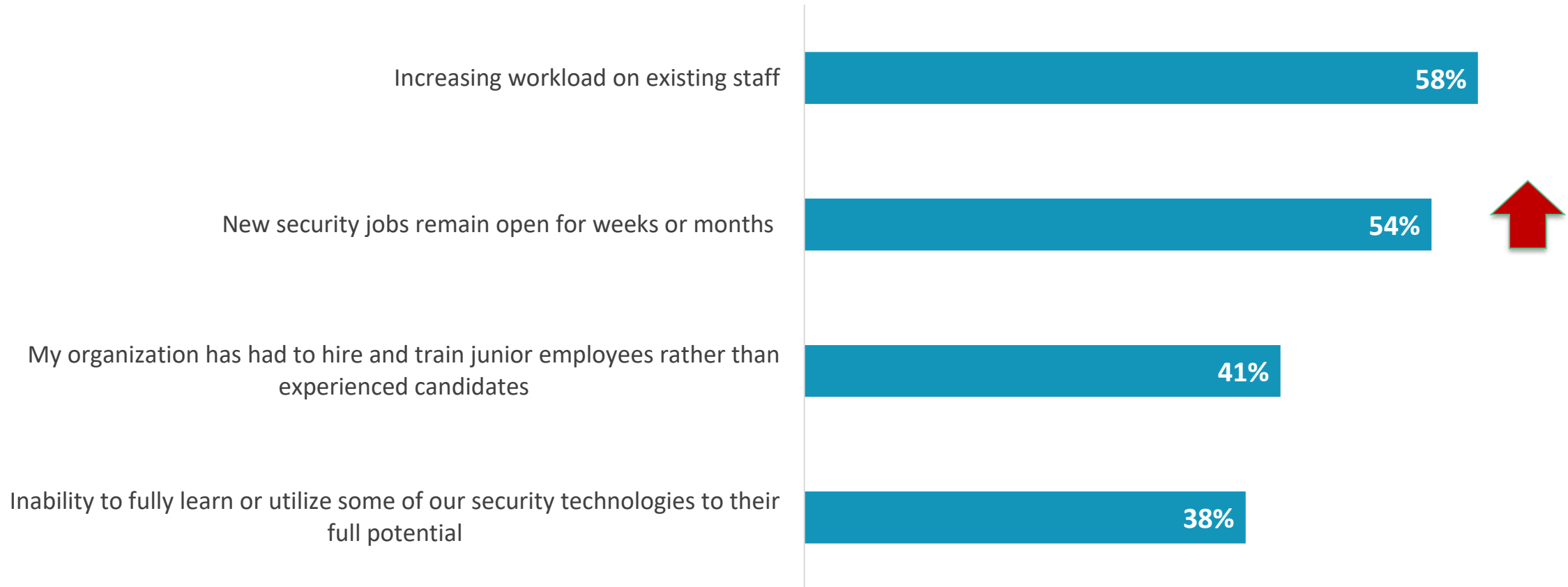


60% agree

That a cybersecurity career can be taxing on one's work/life balance

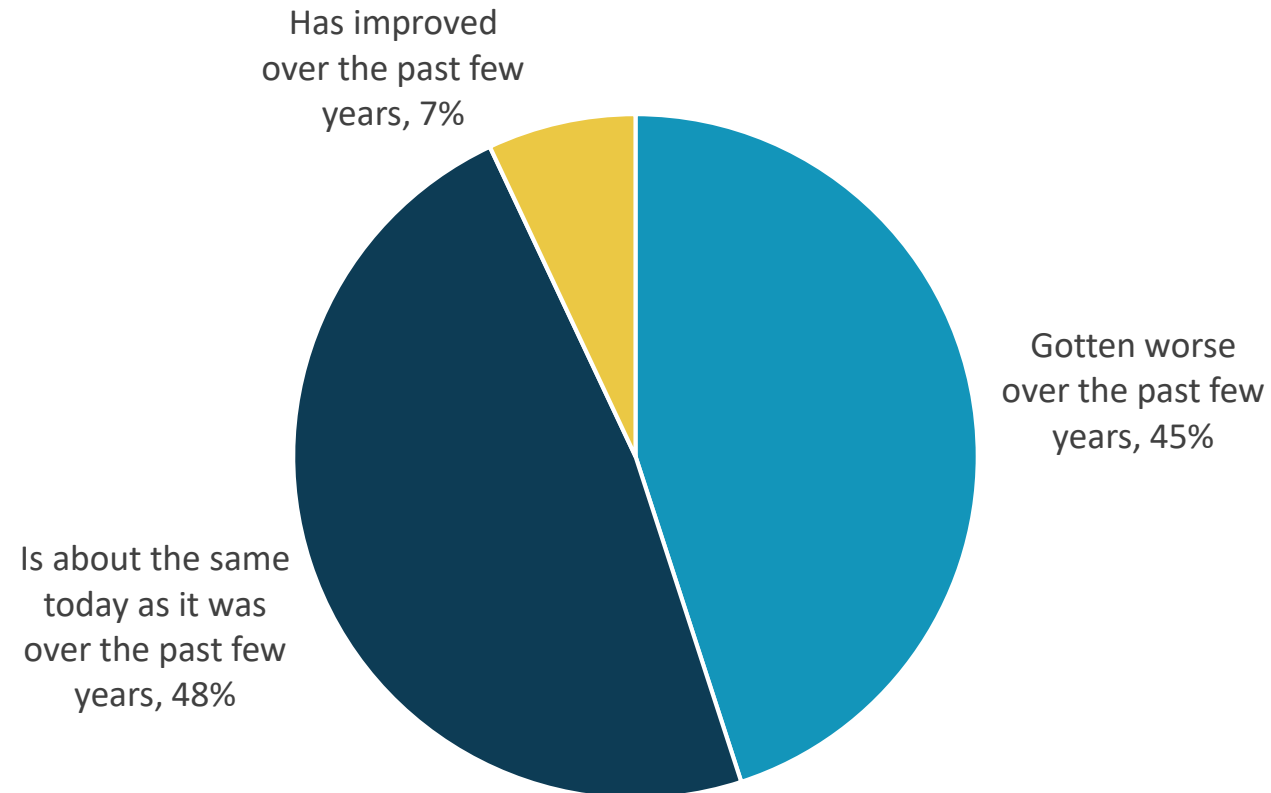
Cybersecurity Skills Shortage

70% of organizations have been impacted by the cybersecurity skills shortage



Cybersecurity Skills Shortage

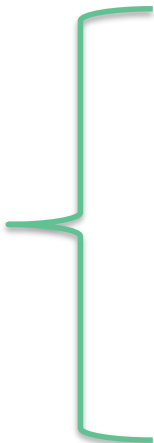
Do you believe the cybersecurity skills shortage and its impact on organizations like yours has: (Percent of respondents, N=228)



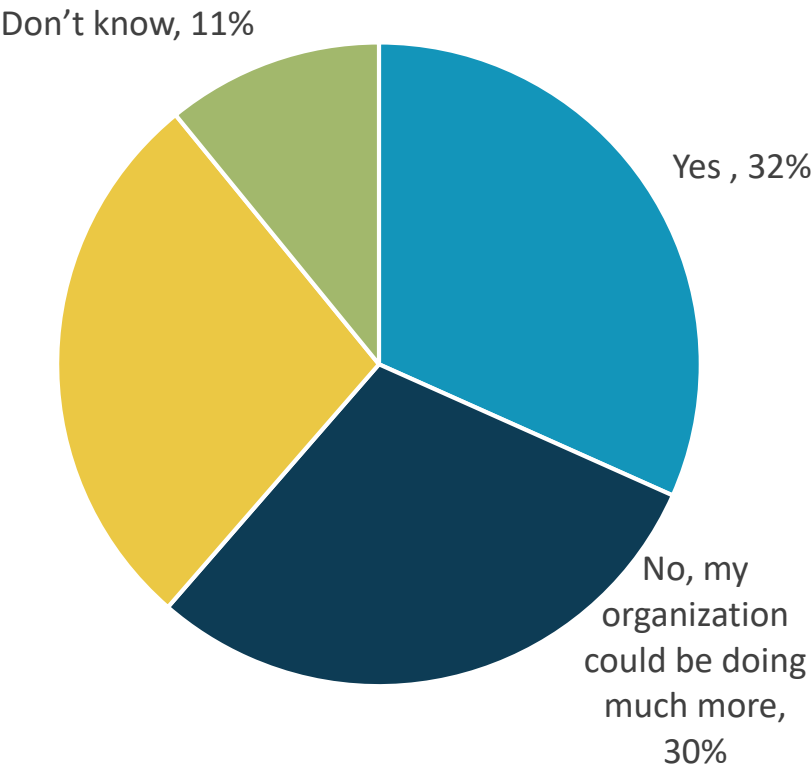
Is Your Organization Doing Enough?



58%



No, my organization could be doing somewhat more, 28%



Cybersecurity Training

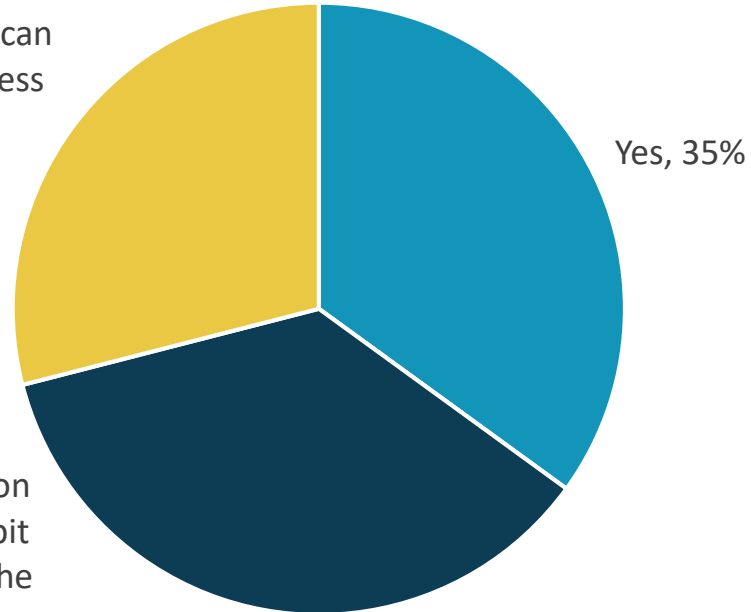
In your opinion, does your current employer provide the cybersecurity team with the right level of training in order for them to keep up with business and IT risk? (Percent of respondents, N=327)



65%

No, my organization should provide significantly more training so the cybersecurity team can keep up with business and IT risk, 29%

No, my organization should provide a bit more training so the cybersecurity team can keep up with business and IT risk, 36%



Stressful Aspects of a Cybersecurity Career



35%: Finding out about IT initiatives/projects that were started by other teams within my organization with no security oversight



32%: Keeping up with the security needs of new IT initiatives



31%: The overwhelming workload

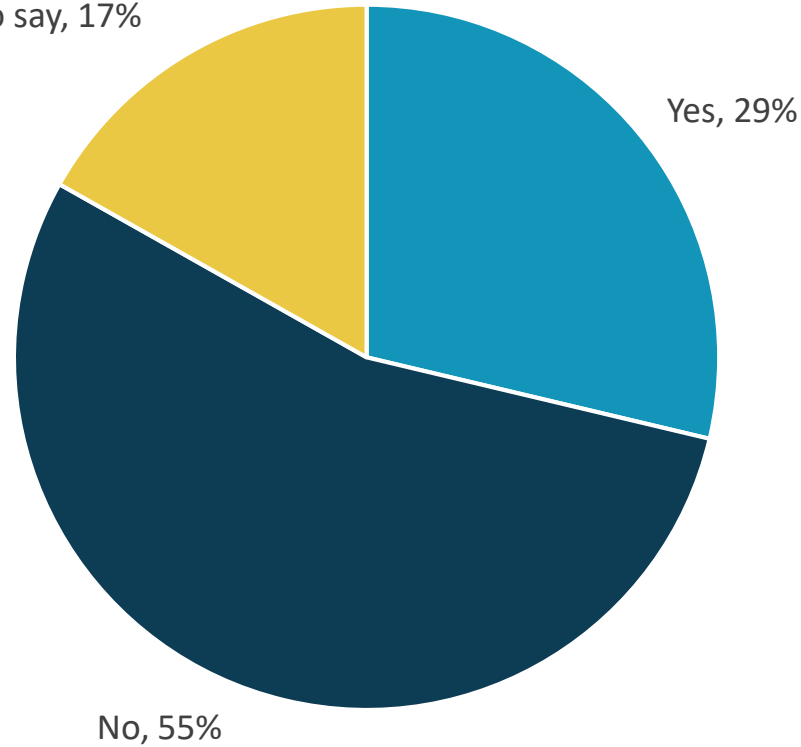


27%: Working with disinterested business people

Cybersecurity Job Stress Can Lead to Personal Problems

Have you or any other cybersecurity professionals you've worked with experienced any significant personal issues as a result of stress associated with the cybersecurity profession? (Percent of respondents, N=327)

Don't know/prefer
not to say, 17%



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Cybersecurity Career

Cybersecurity Career Opportunities



33%: Application security



31%: Cloud security








29%: Security analysis and investigations

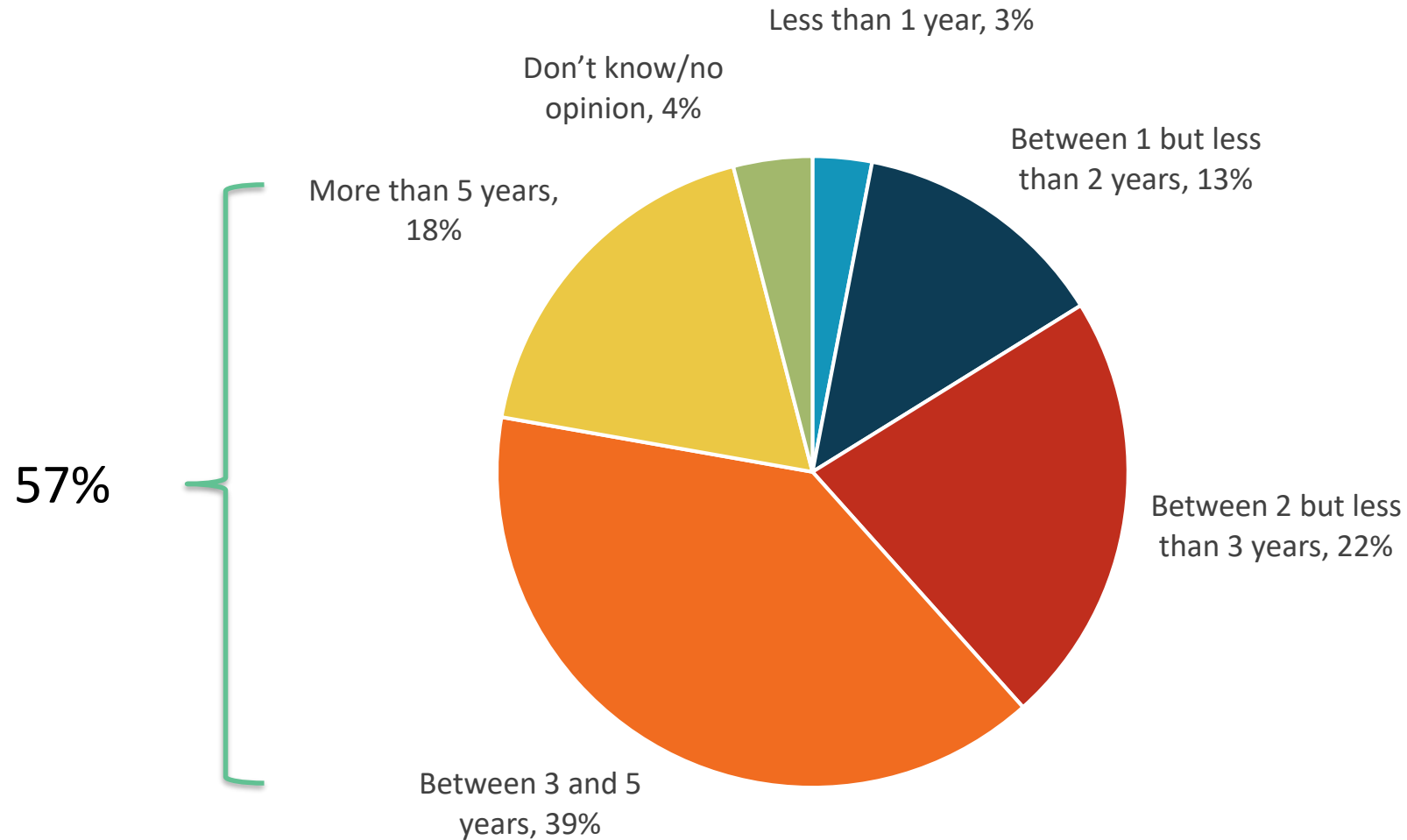


26%: Security engineering

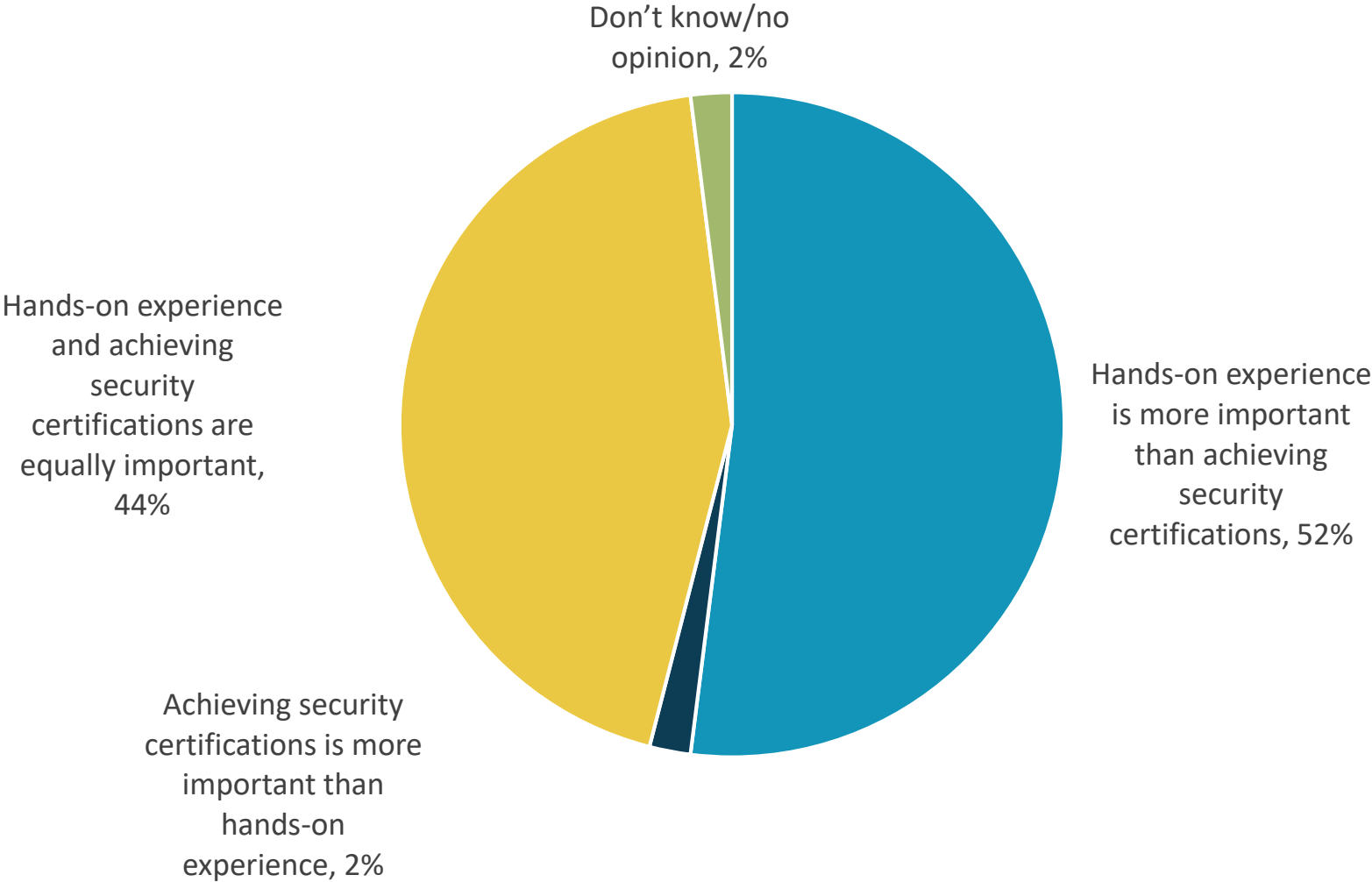
Job Satisfaction

-  **46%:** Organization provides support and financial incentives enabling cybersecurity staff to advance their careers
-  **43%:** Competitive or industry-leading financial compensation
-  **42%:** Business management's commitment to strong cybersecurity
-  **31%:** The ability to work with a highly-skilled and talented cybersecurity staff
-  **24%:** Organization provides opportunities for career advancements and promotions

Time Needed for Cybersecurity Proficiency



Hands-on Experience Trumps Certifications



Certification Value



CISSP

CISM

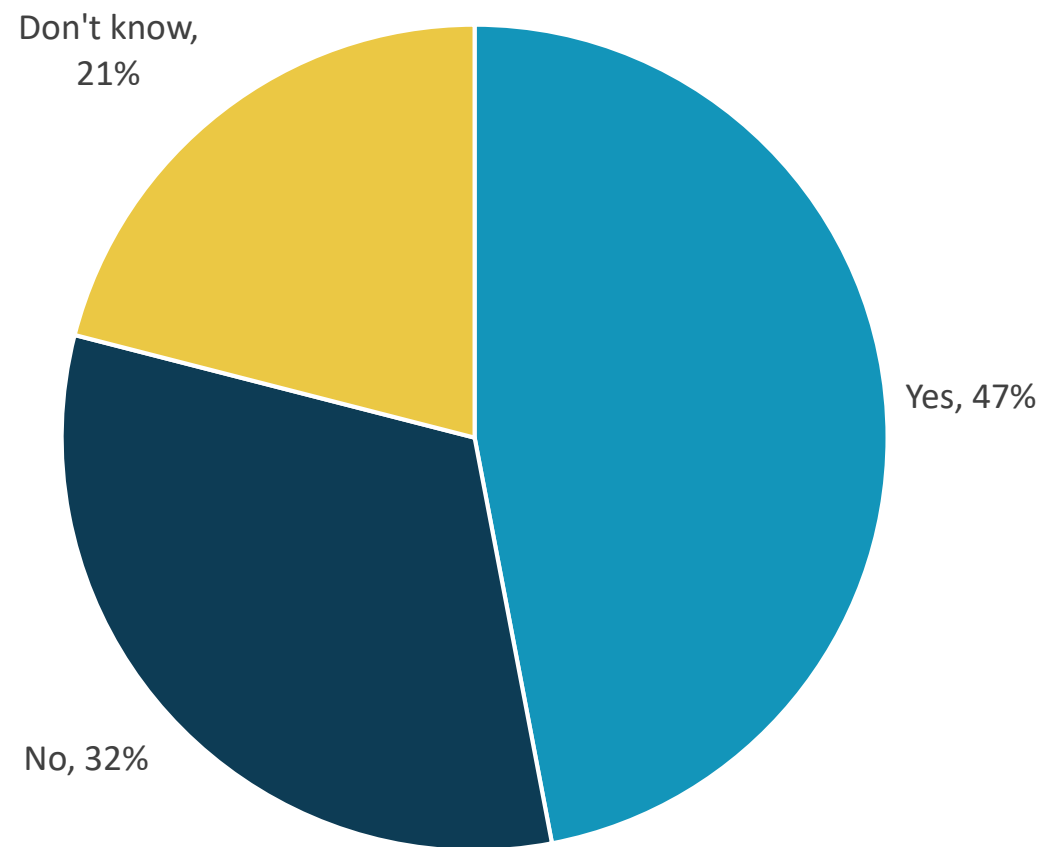
CompTIA Security+

CISA

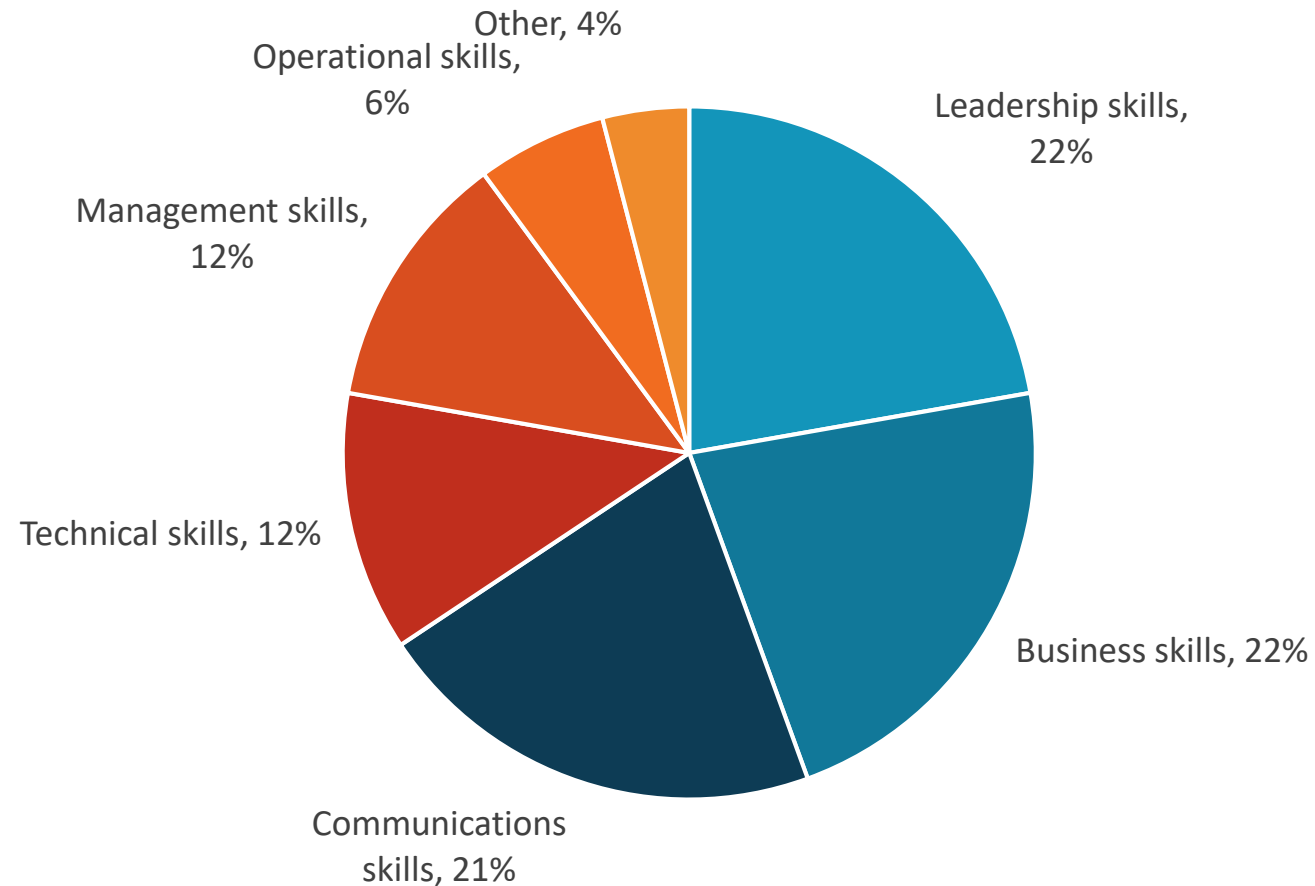
CEH

Other

Do You Want to be a CISO?



Skills Development to Become a CISO



Future Actions



42%: Add cybersecurity goals as metrics to IT and business managers



42%: Provide more cybersecurity training to the cybersecurity team



41%: Increase cybersecurity budgets



40%: Provide more cybersecurity training to non-technical employees



39%: Hire more cybersecurity professionals

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Thank You!

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