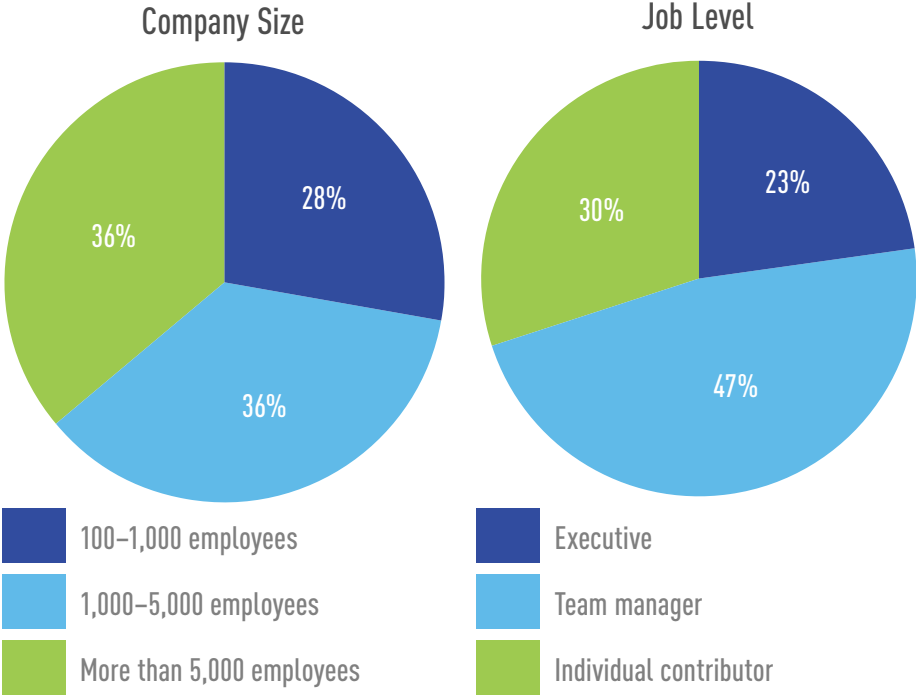


Cybersecurity Skills Gap Report 2020

February 2020

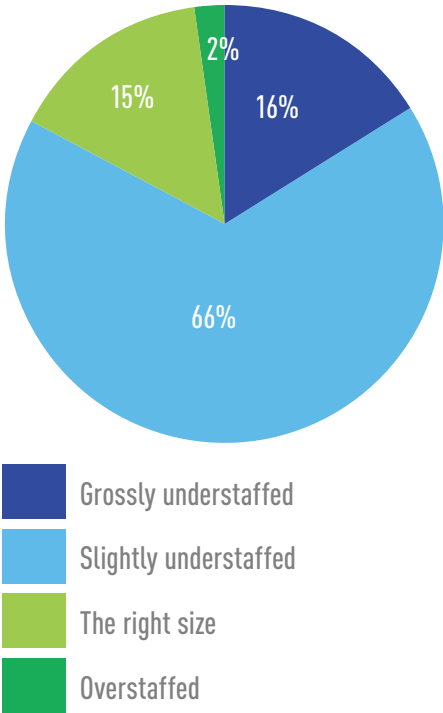
The skills gap remains one of the biggest challenges within the cybersecurity industry. To gain more perspective on what organizations are experiencing, Tripwire partnered with Dimensional Research to survey 342 security professionals on this issue. This study explores hiring trends, how security teams are changing, and how they plan to address the issue in the face of growing cyber threats.

Participant Demographics



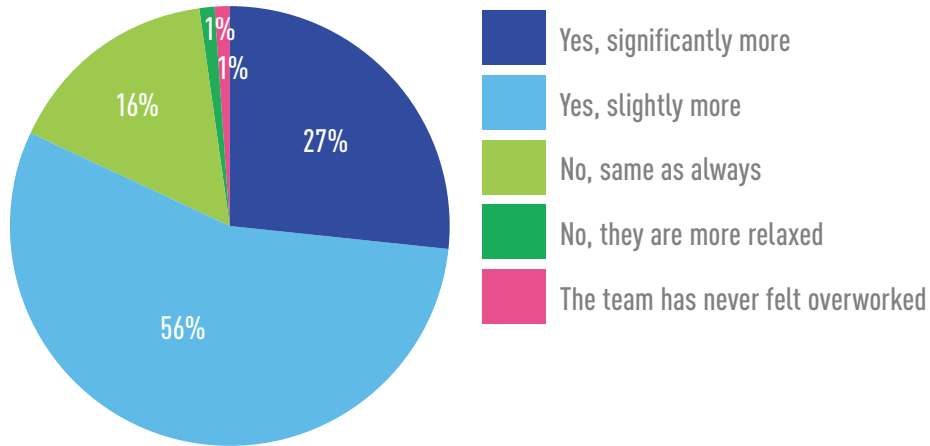
Security teams continue to be understaffed

How would you characterize the size of your current security team?



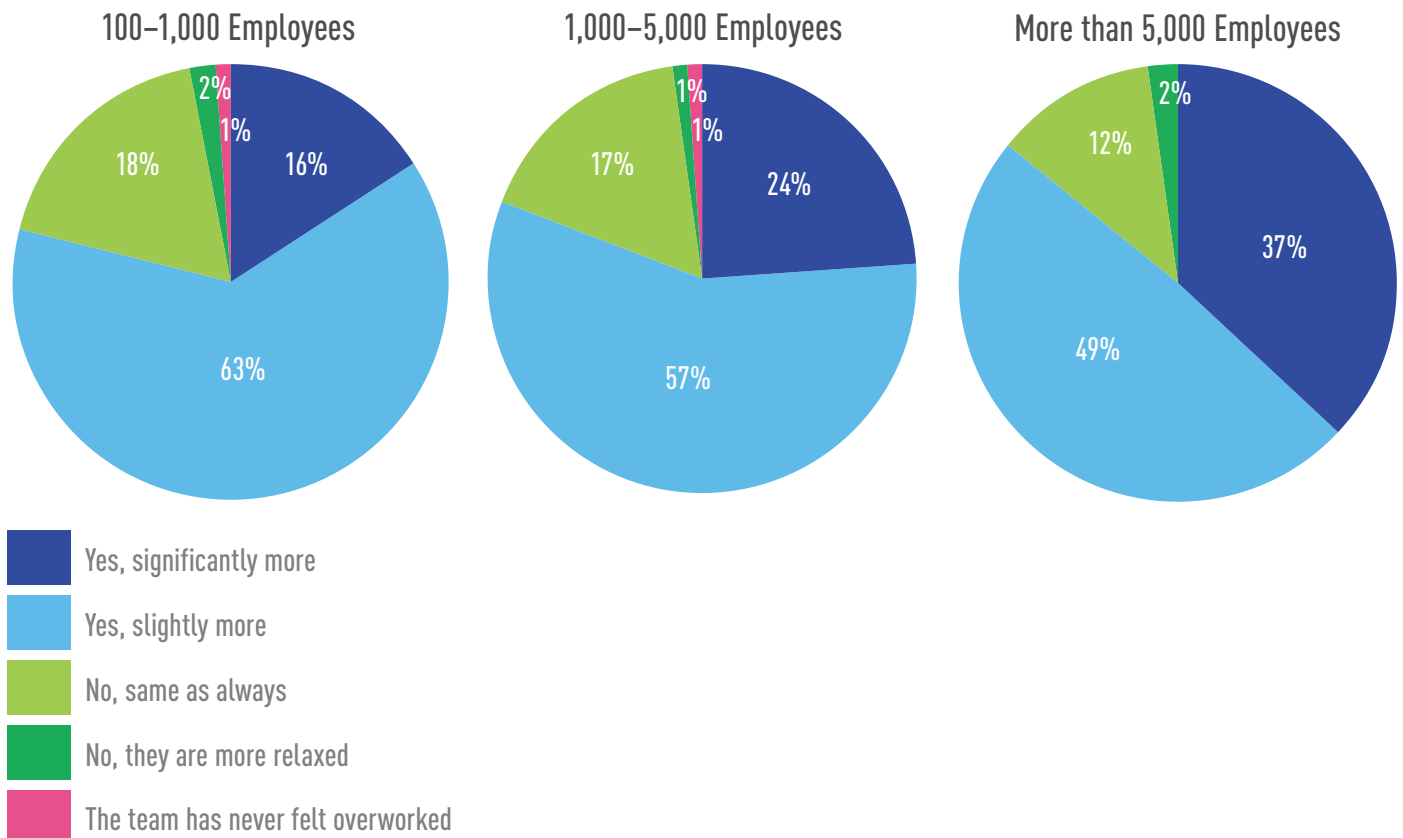
83% say their security teams are feeling more overworked

Does your security team feel more overworked going into 2020 compared to last year?



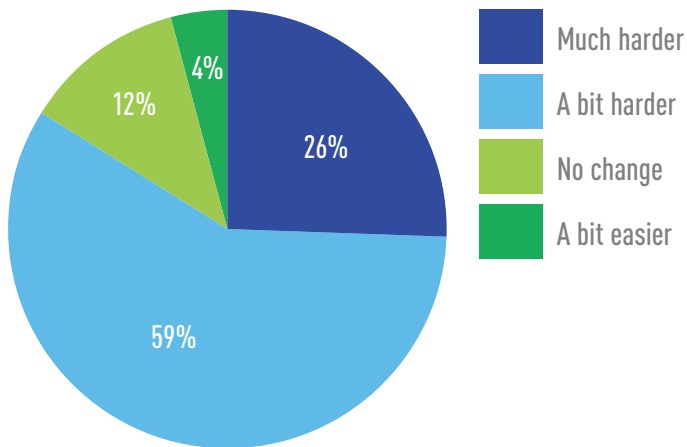
Larger organizations, which you might assume have more resources, are experiencing the skills gap issue even more acutely than smaller organizations

Does your security team feel more overworked going into 2020 compared to last year? (By company size)



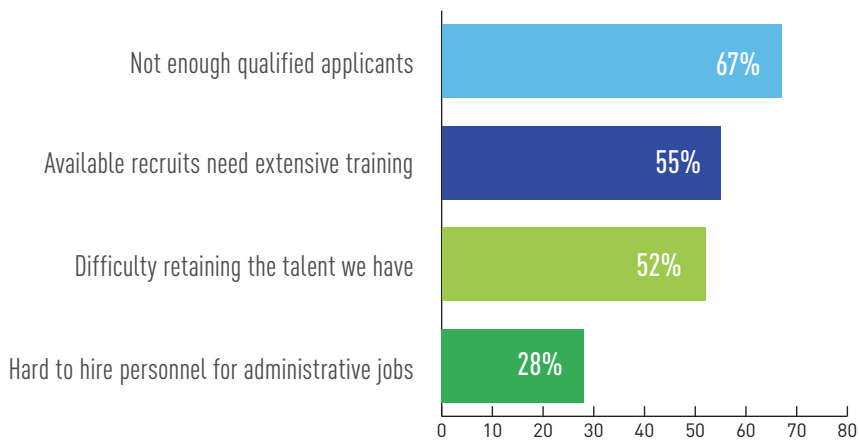
85% say it's harder to hire IT security staff now than a few years ago

In your experience, is it harder to hire IT security staff with needed skills and expertise now than it was a few years ago?



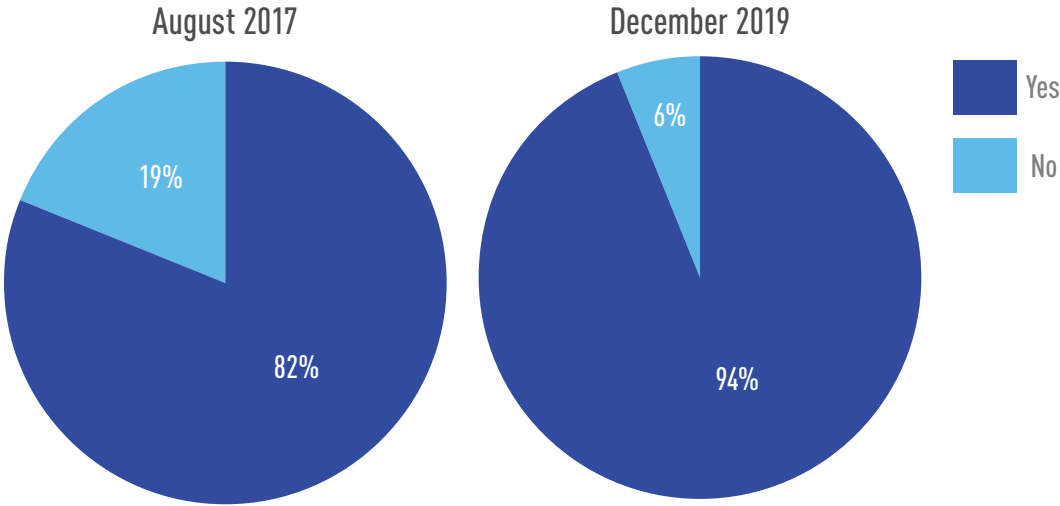
IT teams continue to report a wide range of problems in finding expertise

How is your organization experiencing or expecting to experience problems finding IT security staff with needed skills and expertise?



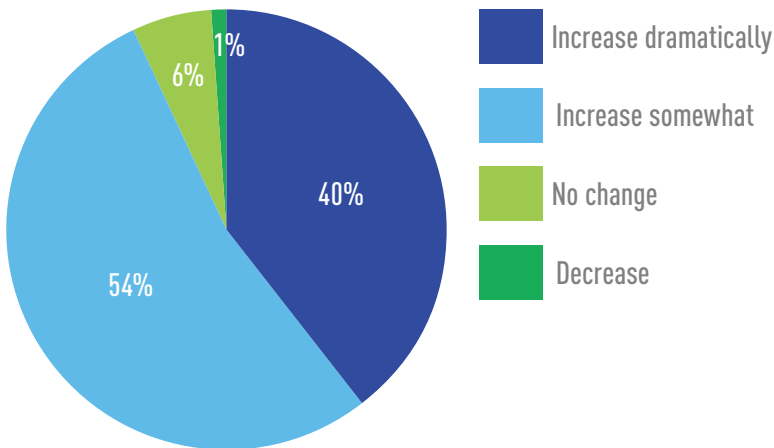
The skills required to be a great security professional are continuing to change

Have the skills required to be a great security professional changed in the past few years?



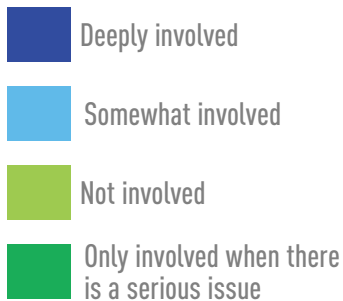
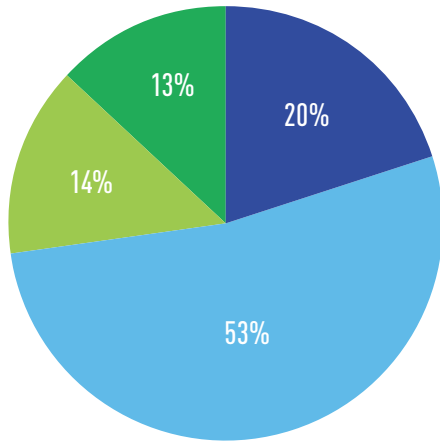
The importance of expertise with hybrid infrastructure continues to increase

How do you expect the importance of security expertise with hybrid (cloud/on-prem) infrastructure to change in the next two years?

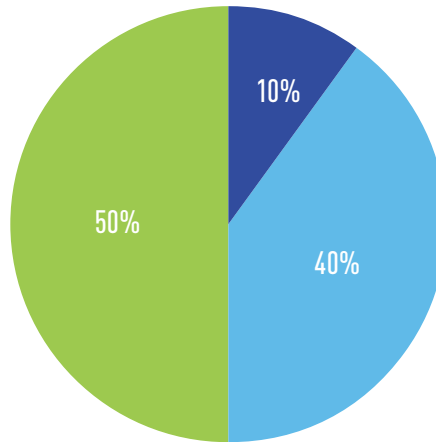


CISOs have widely differing levels of involvement in day-to-day operations

Of the 85% that have a CISO, how involved is yours in day-to-day technical security operations?

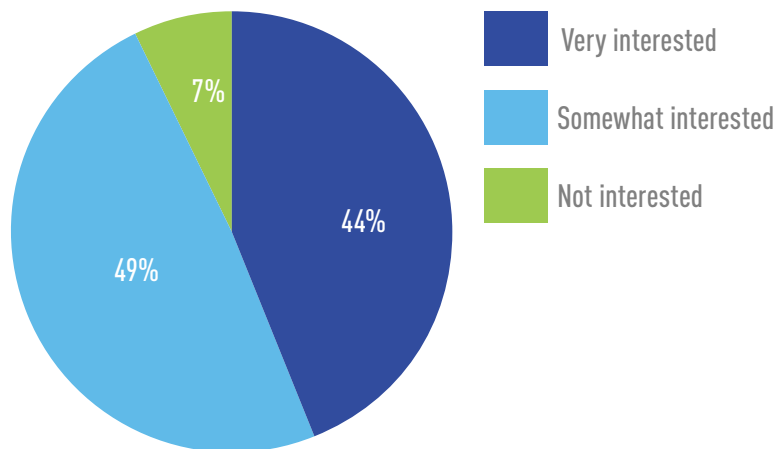


How would you rate your CISO's level of involvement in day-to-day security responsibilities?

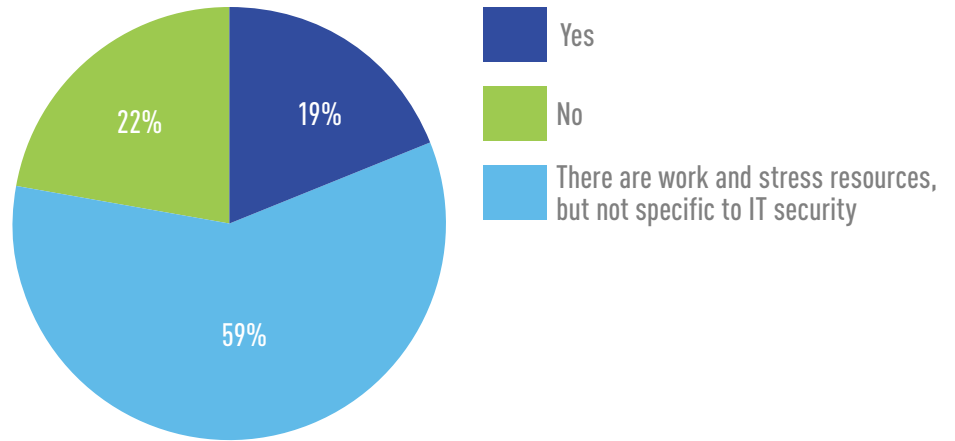


93% of IT security professionals are interested in understanding wellness issues

In recent years, there has been more of a focus at conferences and in online communities among security professionals on managing work stress and mental health. Is this a topic that is interesting to you?

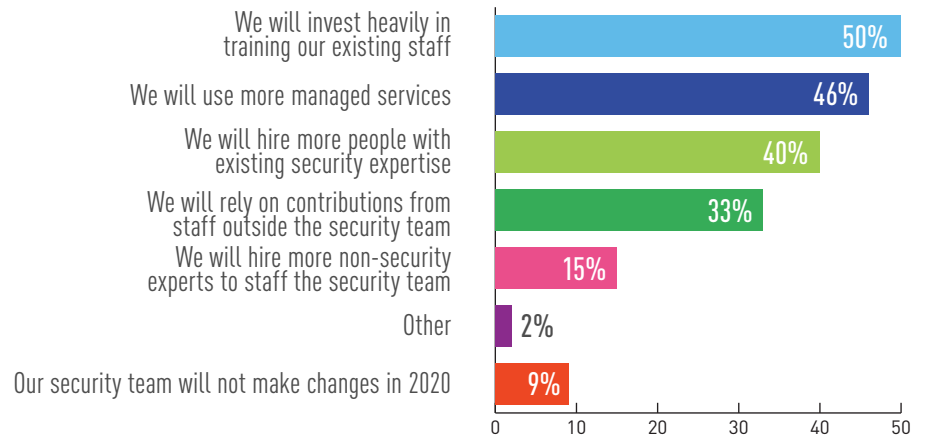


Does your company provide access to any resources for managing the stress associated with the specific issues of IT security (benefits, classes, coaches, etc.)?



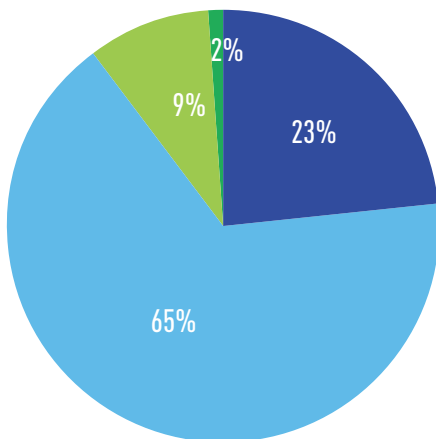
9 out of 10 security teams (91%) expect to invest in IT security expertise in 2020

What changes is your company planning to make to improve the skills and expertise of your IT security team in 2020?

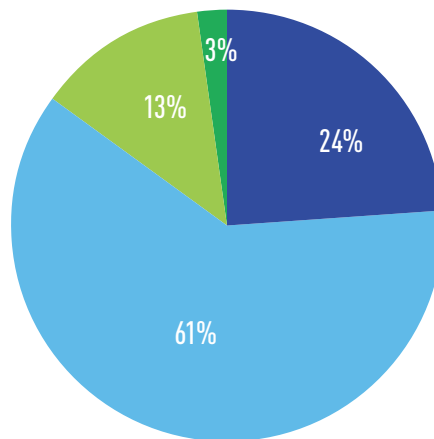


Most security professionals are in agreement that they need to do better

Because of a shortage of skills, security teams are hiring more people without existing security expertise

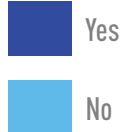
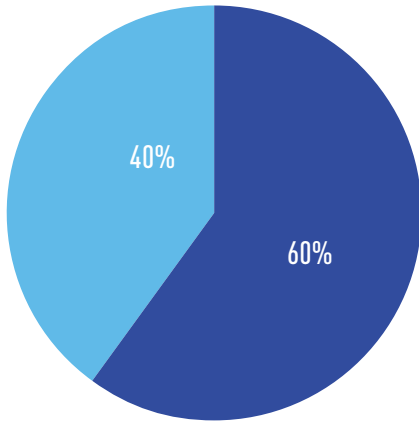


Managed services are a good option for addressing the security skills gap

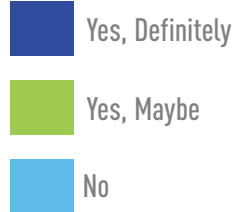
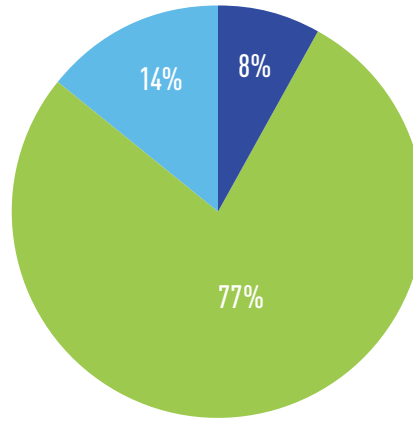


Strong interest in managed services for security continues

Has your company invested in managed services for security?



(if no) Is your company likely to invest in managed services for security in the future?



94% would benefit from outside help

Would your company benefit from outside help (consulting, managed services, outsourcing, etc.) in any of the following areas of security?





Tripwire is the trusted leader for establishing a strong cybersecurity foundation. We protect the world's leading organizations against the most damaging cyberattacks, keeping pace with rapidly changing tech complexities to defend against ever-evolving threats for more than 20 years. On-site and in the cloud, our diverse portfolio of solutions find, monitor and mitigate risks to organizations' digital infrastructure—all without disrupting day-to-day operations or productivity. Think of us as the invisible line that keeps systems safe. **Learn more at tripwire.com**

The State of Security: News, trends and insights at tripwire.com/blog
Connect with us on [LinkedIn](#), [Twitter](#) and [Facebook](#)