

ISC2™

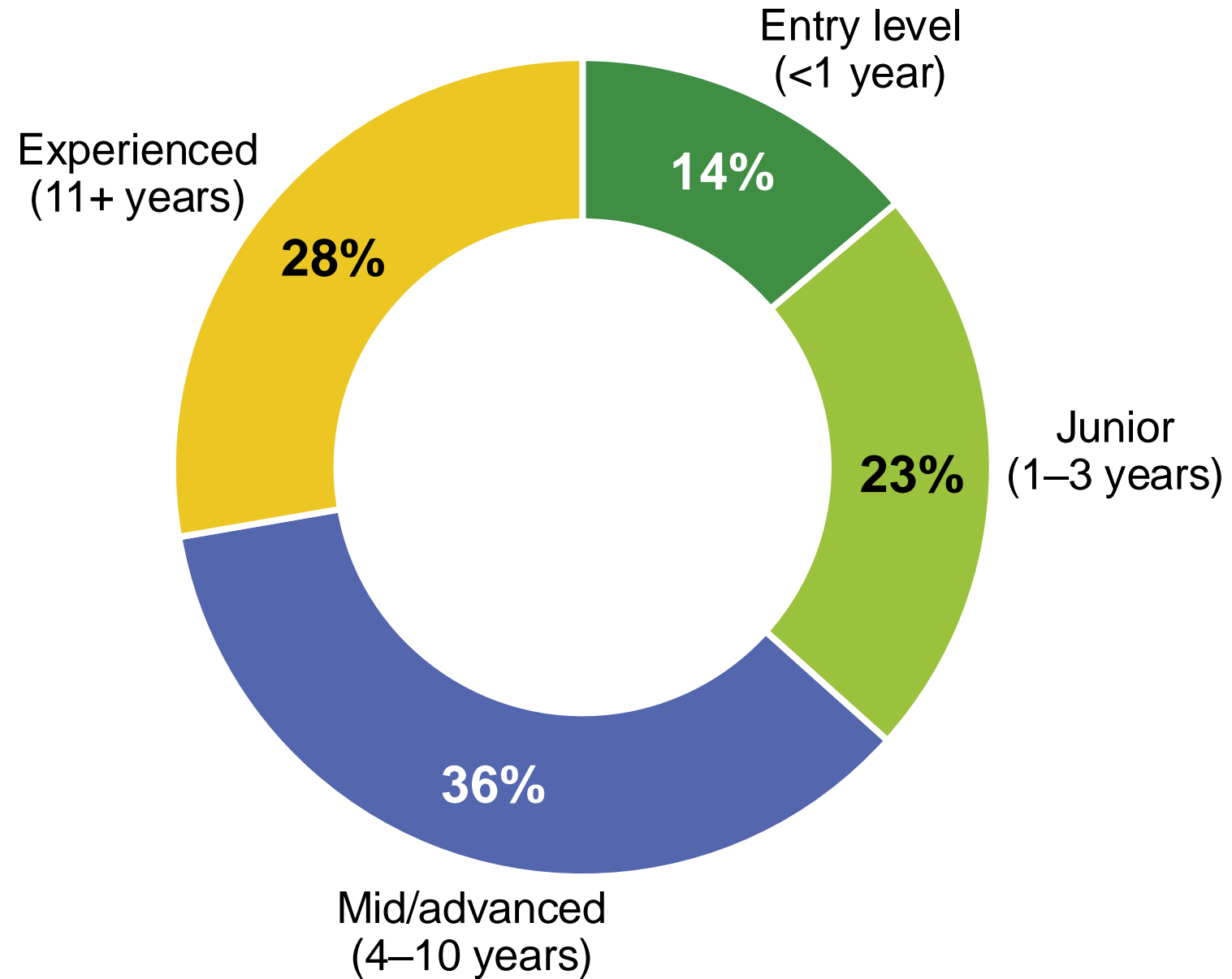
Your Future. Secured.

First Look at the 2024 Cybersecurity Workforce Survey

Focus on the E.U.

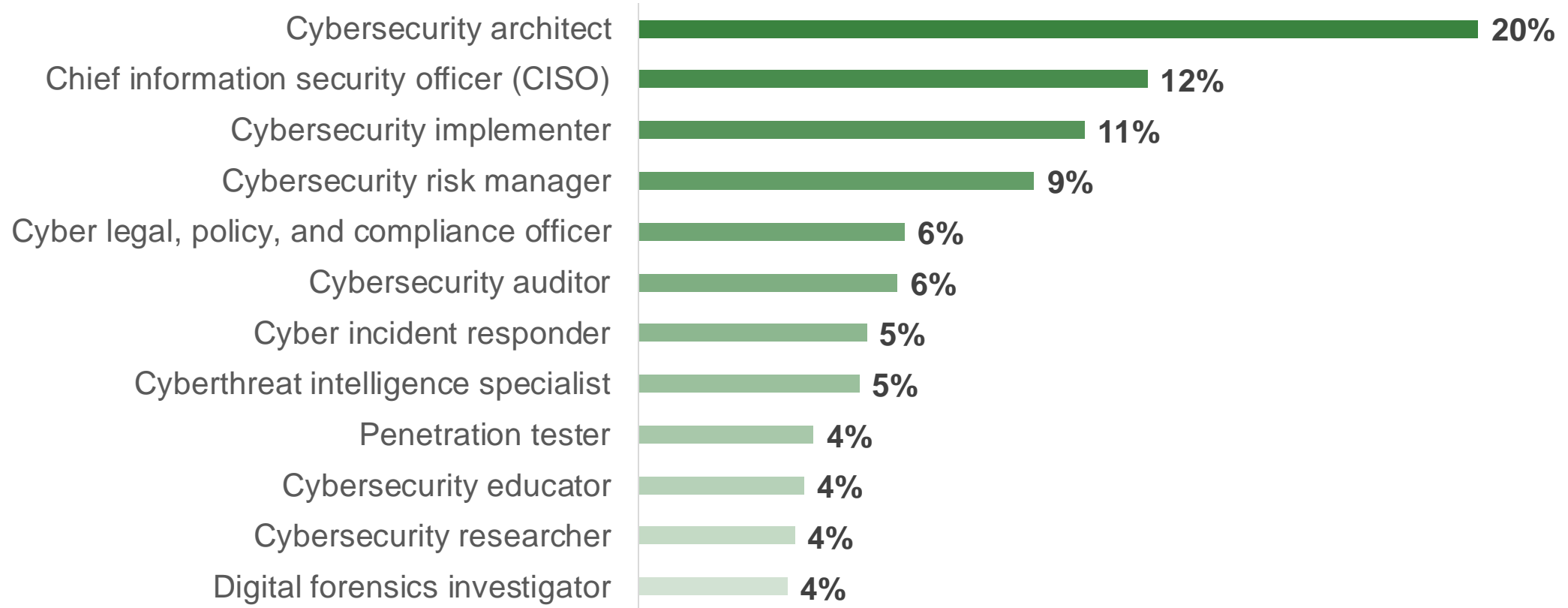


Average cybersecurity team composition in the E.U. by level/years of experience



Source: 2024 ISC2 Cybersecurity Workforce Study.

E.U. Respondents' Profile as per ECSF



Source: 2024 ISC2 Cybersecurity Workforce Study.

Threat Landscape





🇪🇺 In the European Union,

72%

of cybersecurity
professionals say
the threat landscape
is the worst they've
seen in 5 years

A close-up, low-angle shot of a person's face in profile, wearing glasses and looking intently at a computer screen. The screen displays green, blurred lines of code or data against a dark background, creating a bokeh effect. The person's hand is visible near the bottom of the frame, possibly typing on a keyboard.

 In the European Union,

42%

of E.U. cybersecurity professionals have been approached by a malicious actor wanting them to act as a malicious insider



 In the European Union,

53%

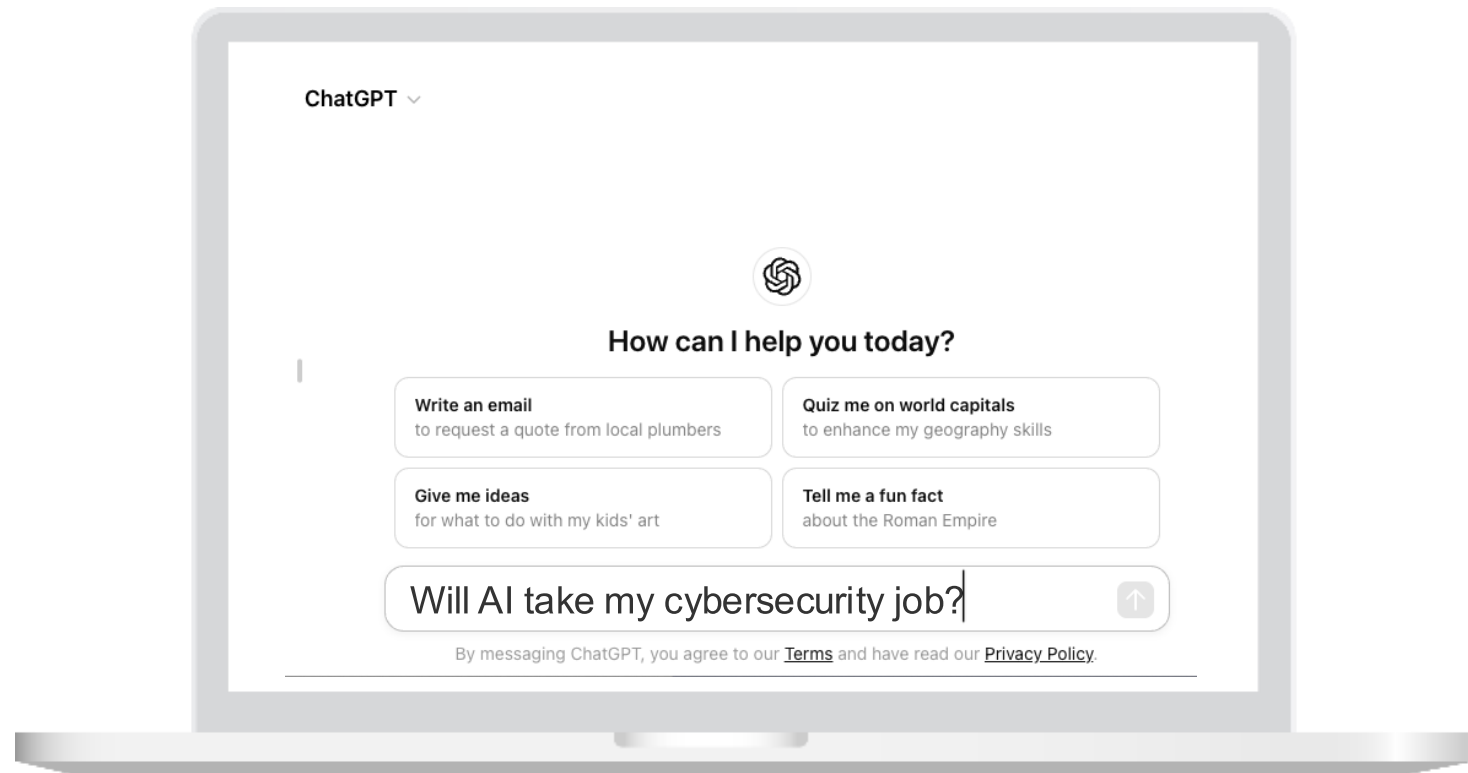
anticipate a rise
in malicious
actors contacting
cybersecurity
professionals
over the next year

Source: 2024 ISC2 Cybersecurity Workforce Study.

 In the European Union,

48%

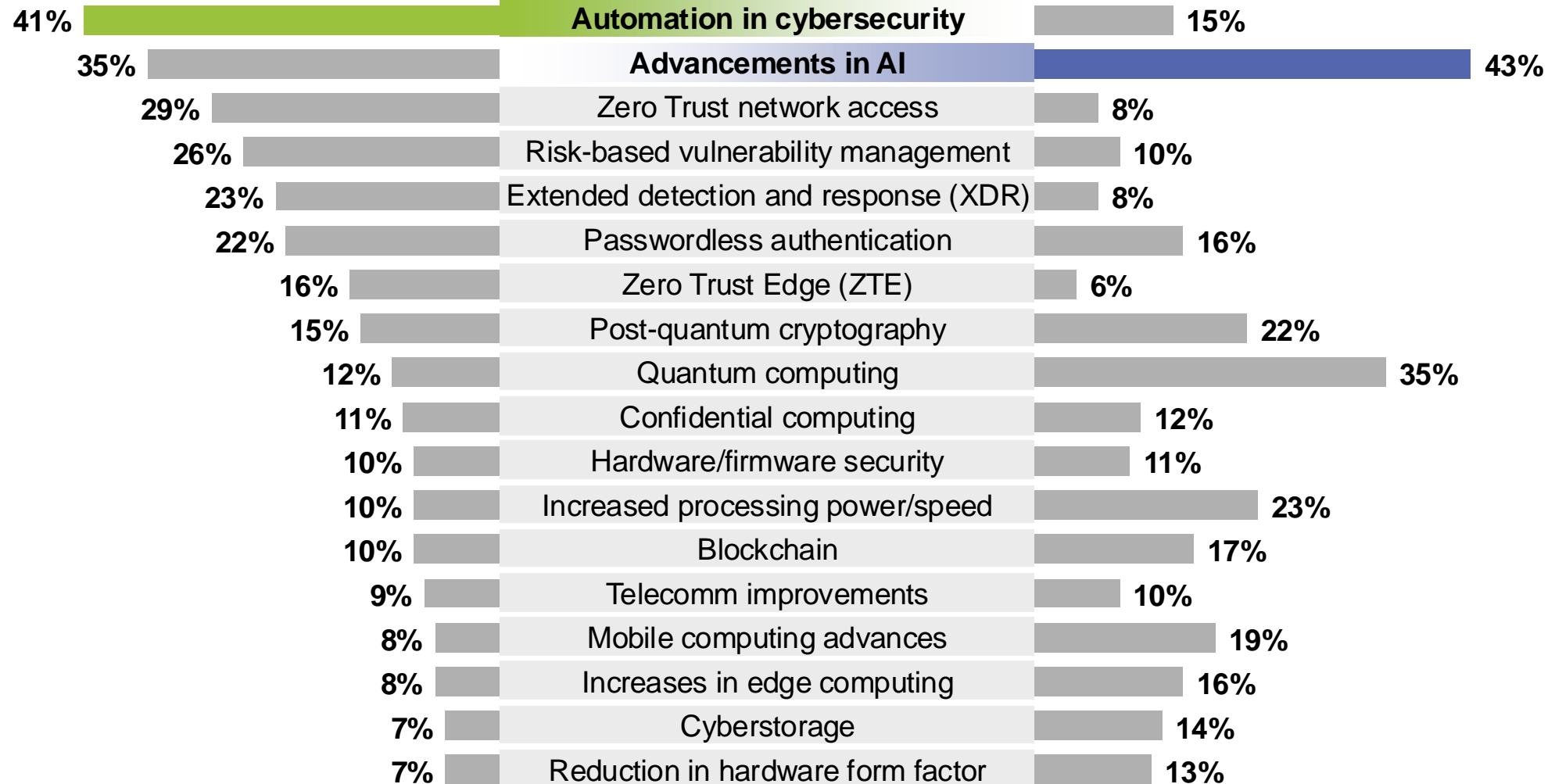
say the biggest
challenge the
industry faces will
be emerging
technologies



Source: 2024 ISC2 Cybersecurity Workforce Study.

Tech with the greatest **positive** impact on organizational security in the E.U.

Tech with the greatest **negative** impact on organizational security in the E.U.

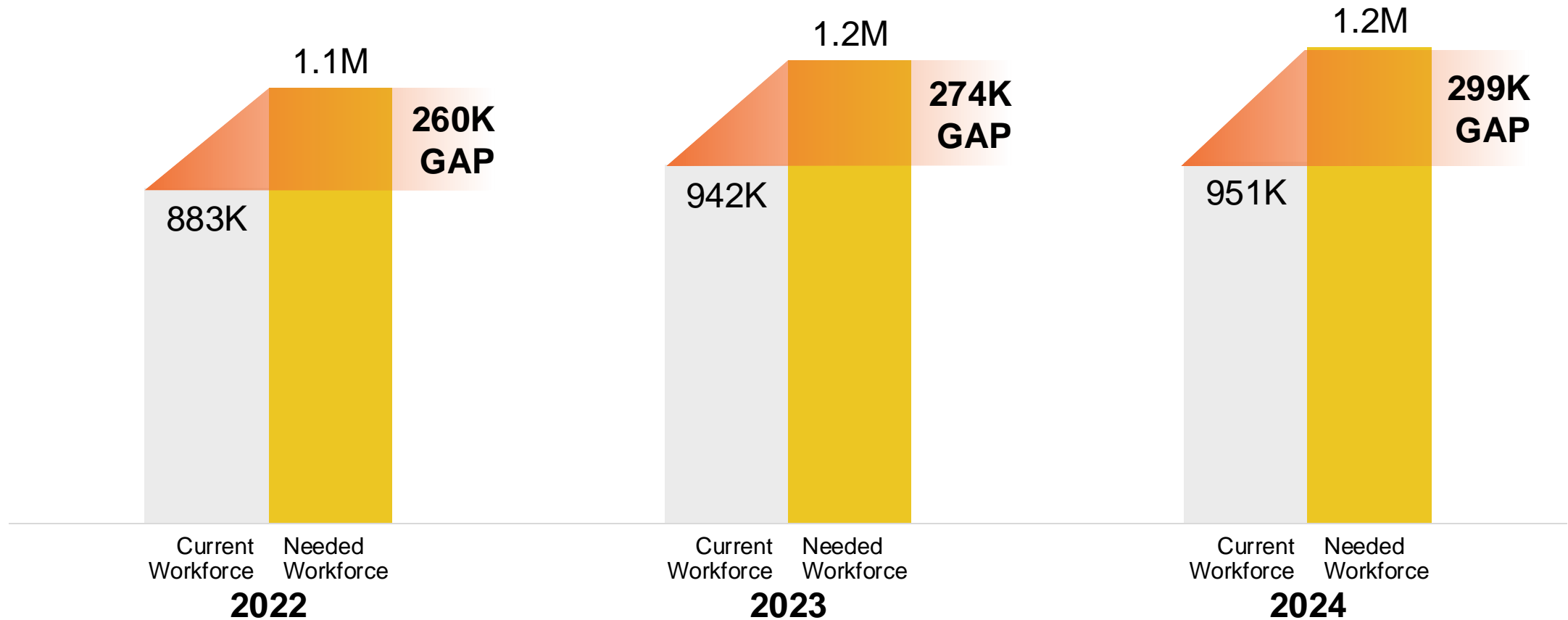


Source: 2024 ISC2 Cybersecurity Workforce Study.



Workforce and Skills Gaps

Cybersecurity workforce size in the E.U. slowed while gap continues to increase



Source: 2022–2024 ISC2 Cybersecurity Workforce Studies. The ISC2 Cybersecurity Workforce Gap is an estimate of the number of people needed globally to adequately secure organisations. The Workforce Gap is not an estimate of open positions or cybersecurity jobs available.

 In the European Union,

55%

say that staffing
shortages put their
organizations at
significant risk

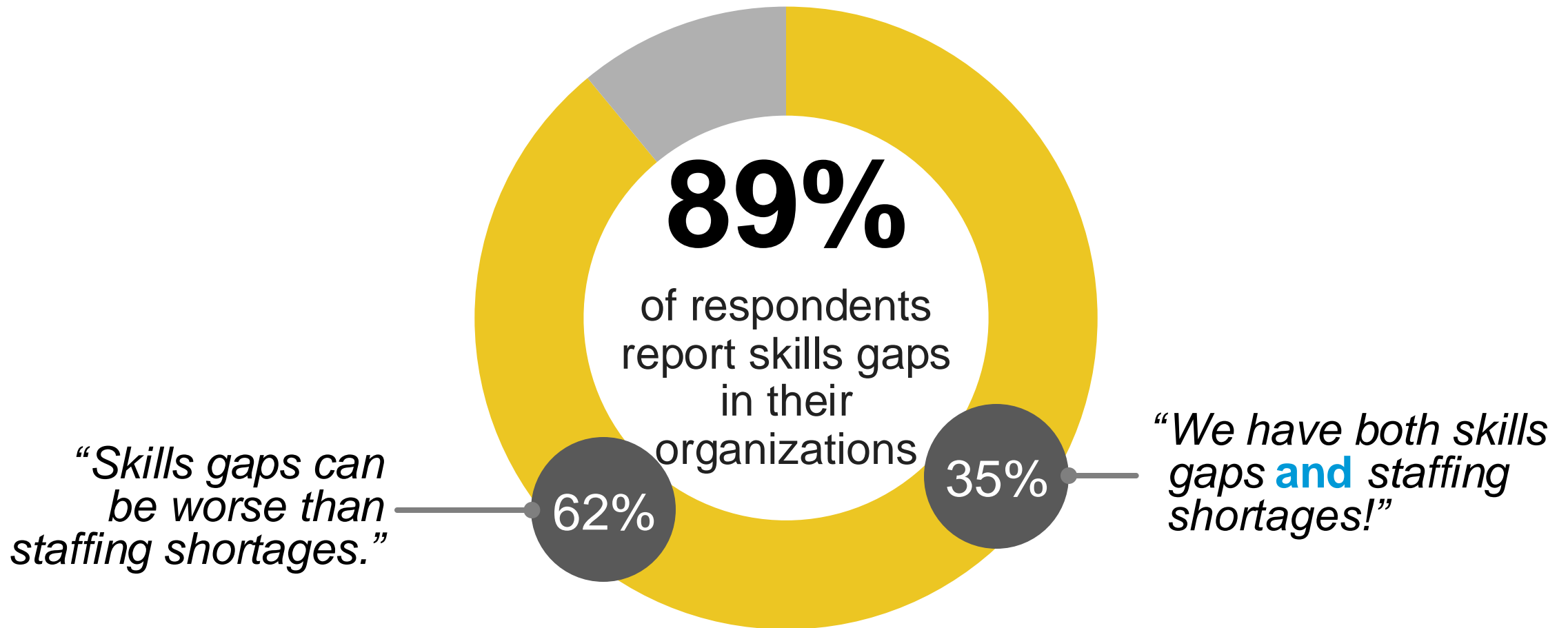


Reasons for cybersecurity staff shortages in the E.U.



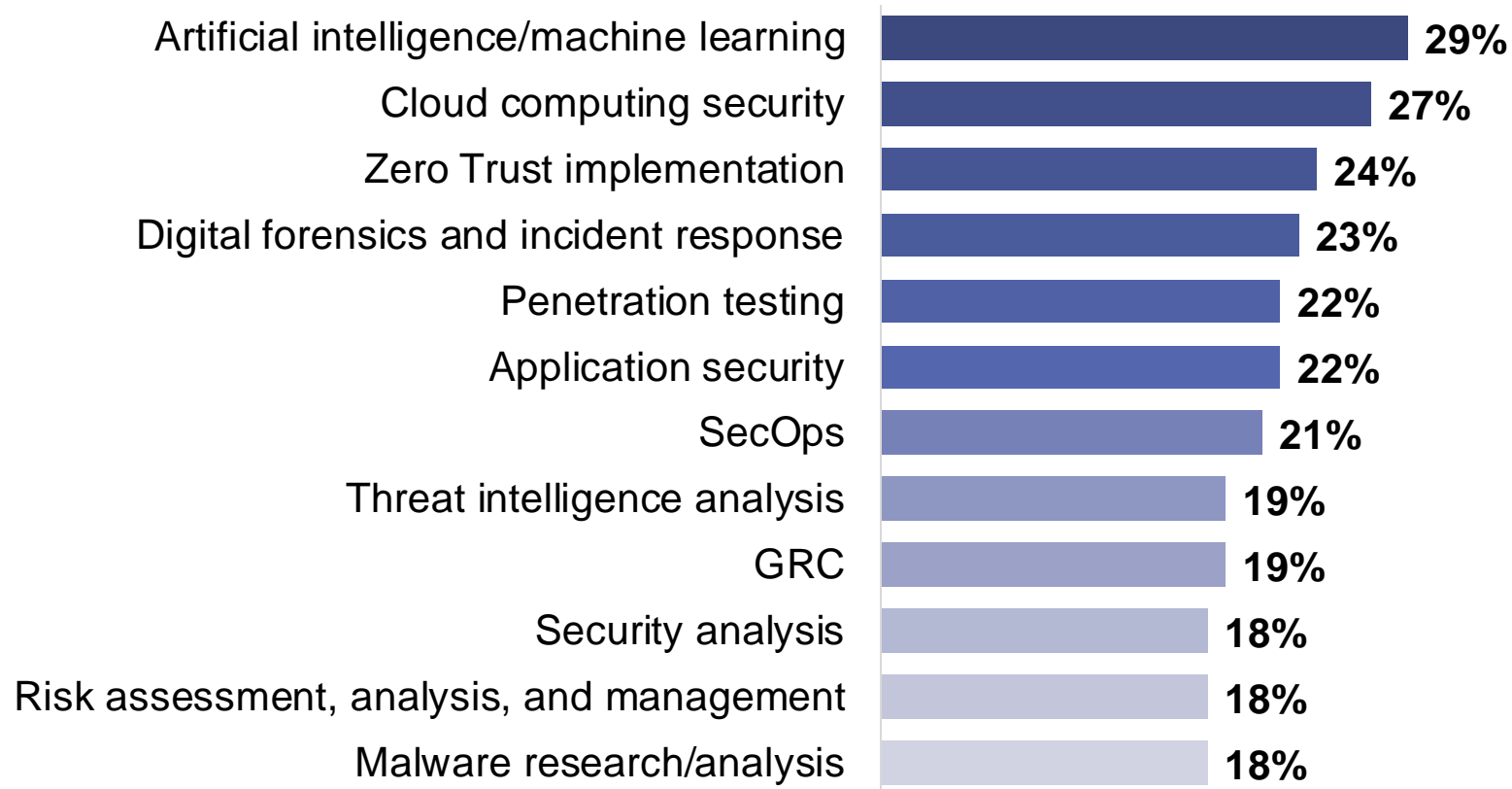
Source: 2024 ISC2 Cybersecurity Workforce Study.

It's not only about people; the skills problem in the E.U. is quickly outpacing shortage concerns



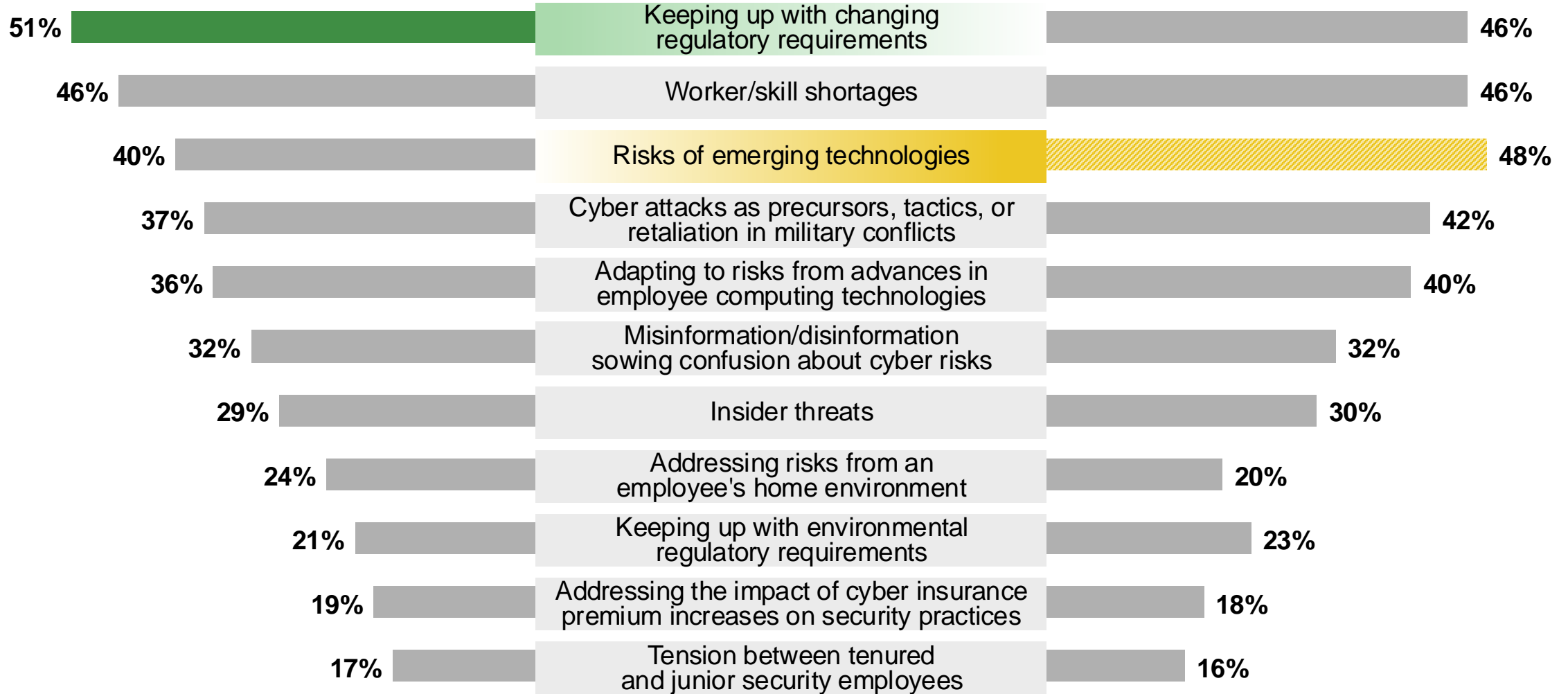
Source: 2024 ISC2 Cybersecurity Workforce Study.

Where are the technical skills gaps on E.U. security teams?



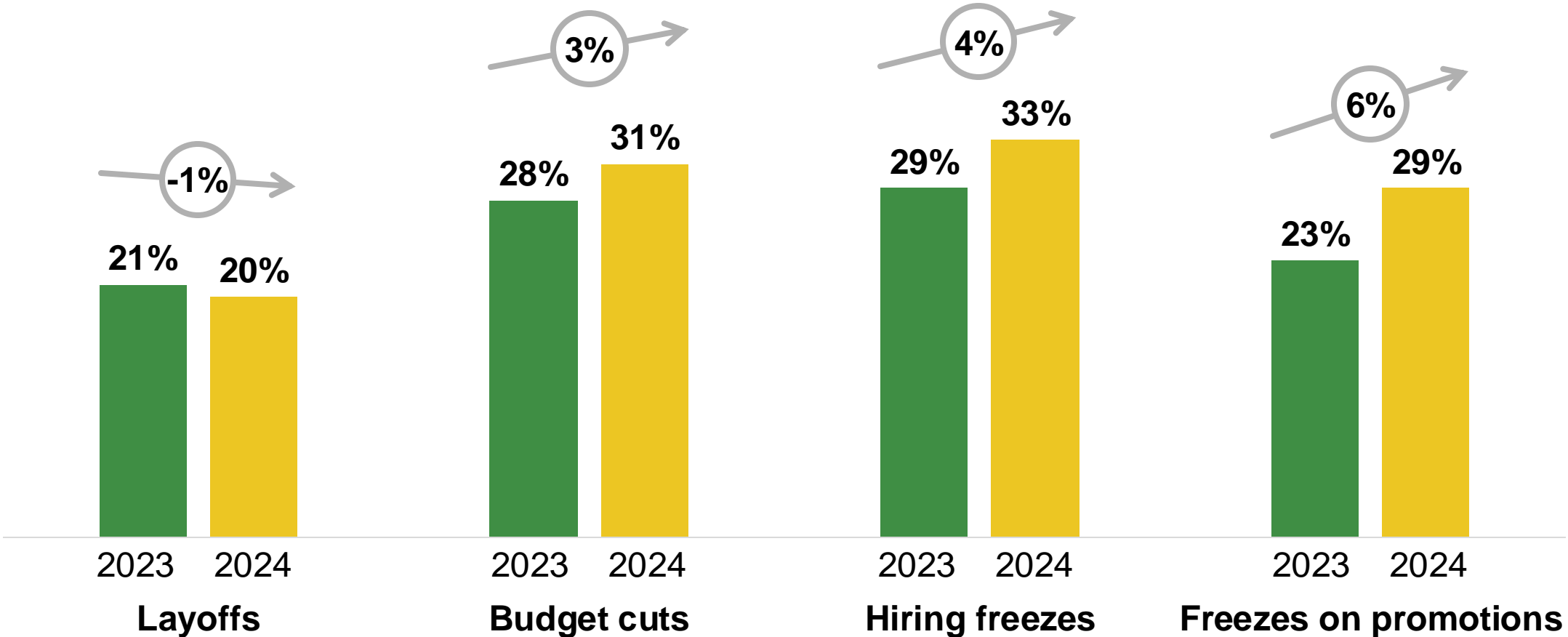
Source: 2024 ISC2 Cybersecurity Workforce Study.

Biggest challenges faced in the E.U. over the *past 12 months*



Source: 2024 ISC2 Cybersecurity Workforce Study.

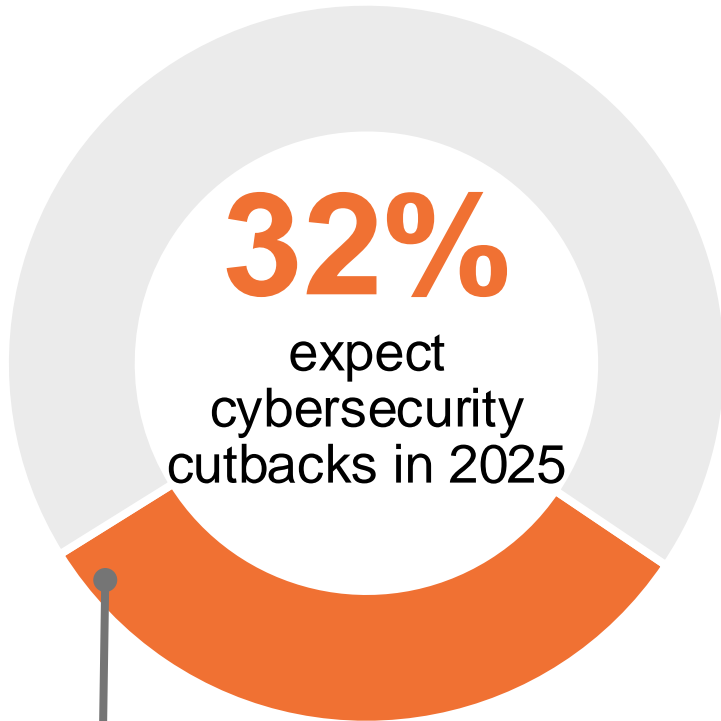
Organizations in the E.U. have experienced cybersecurity cutbacks in the past 12 months



Source: 2024 ISC2 Cybersecurity Workforce Study.



In the European Union,



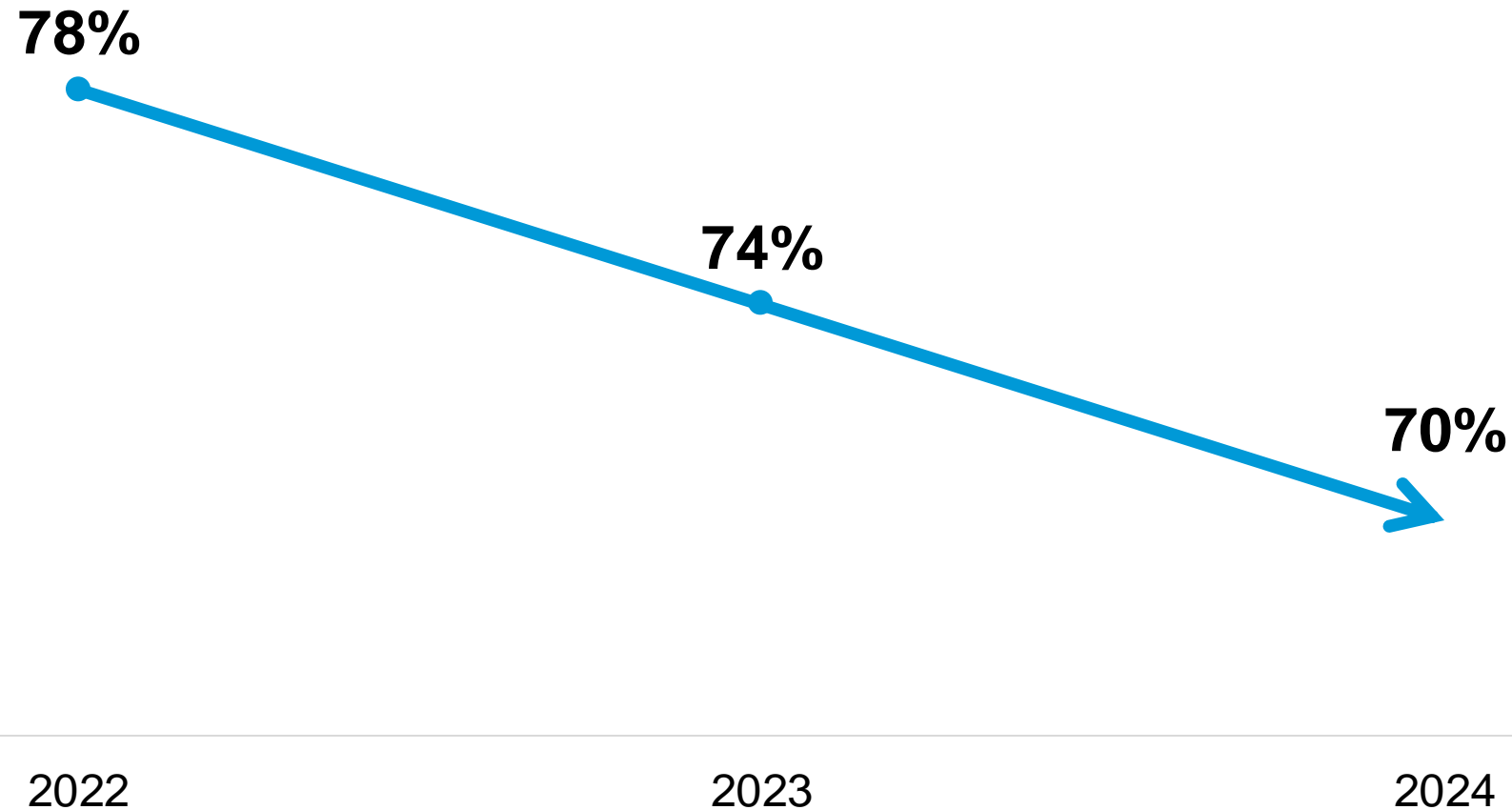
18% expect layoffs in 2025

25% predicted layoffs in 2024,
lower than what they
reported (20%)

Source: 2024 ISC2 Cybersecurity Workforce Study.



Cybersecurity job satisfaction is declining in the E.U.



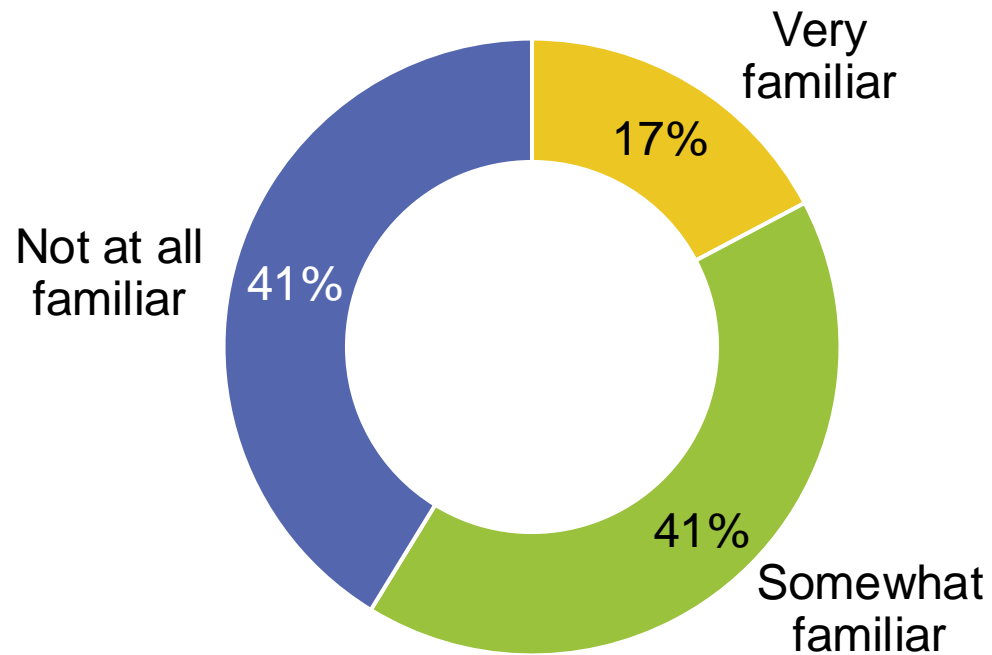
Source: 2024 ISC2 Cybersecurity Workforce Study.



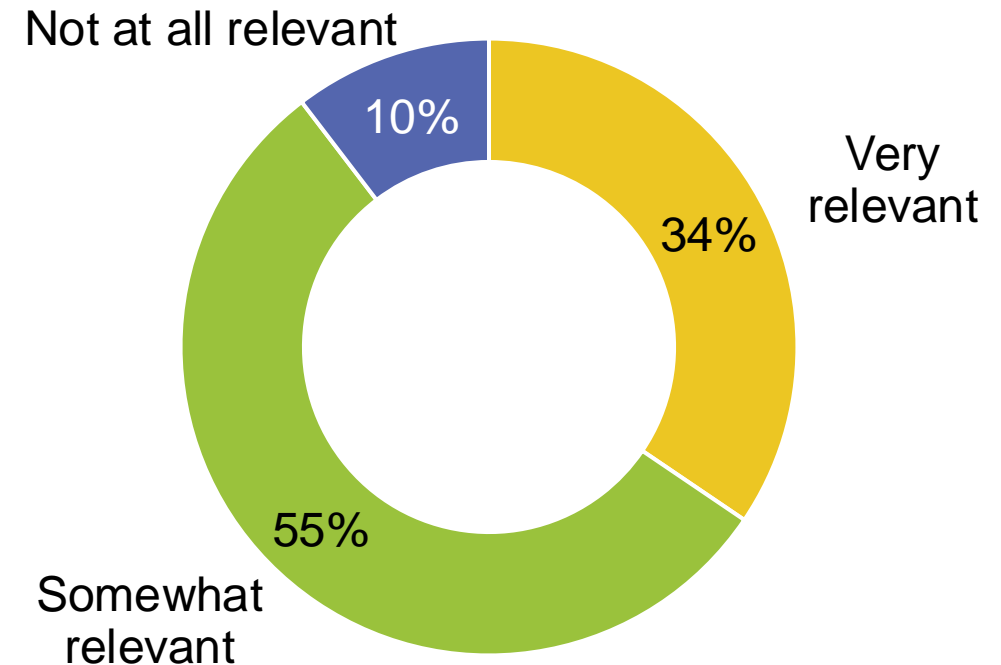
The Regulatory Landscape

Familiarity with ECSF developed by ENISA not universal (59%), yet 90% think it is relevant

Please rate your level of familiarity with the ECSF



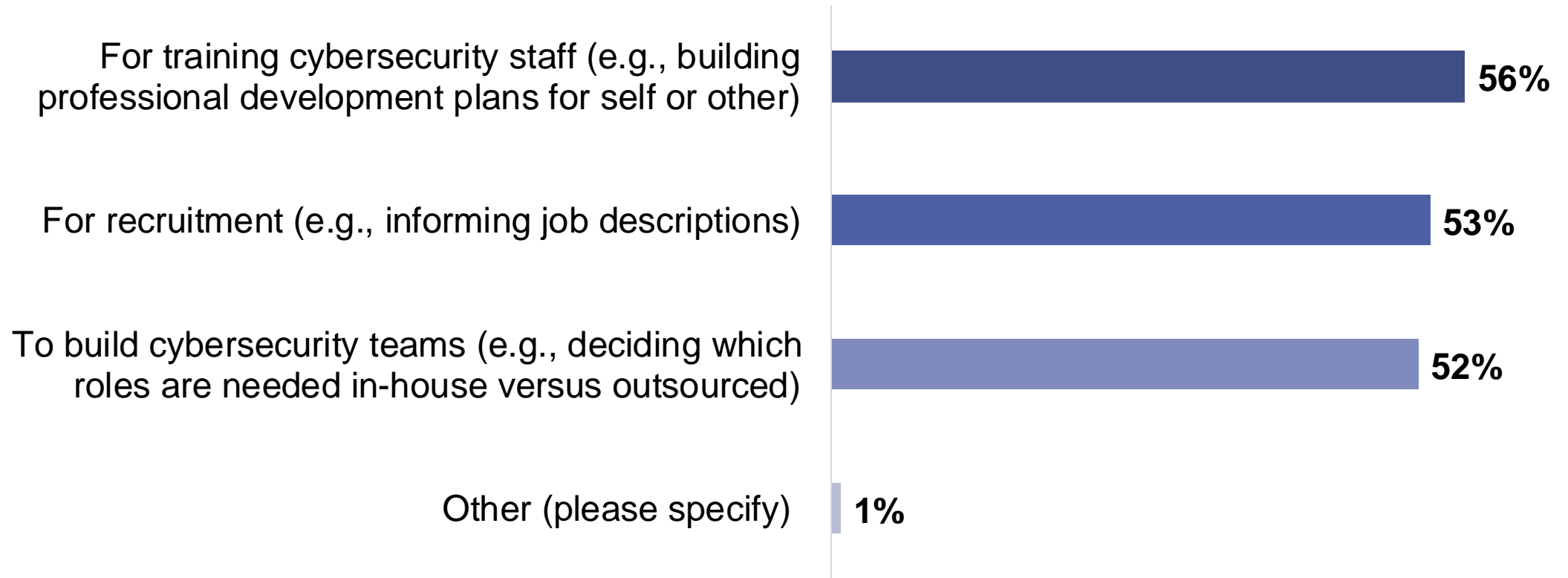
How relevant is the ECSF to the cybersecurity profession?



Source: 2024 ISC2 Cybersecurity Workforce Study.

ECSF useful for training, recruitment, and staffing

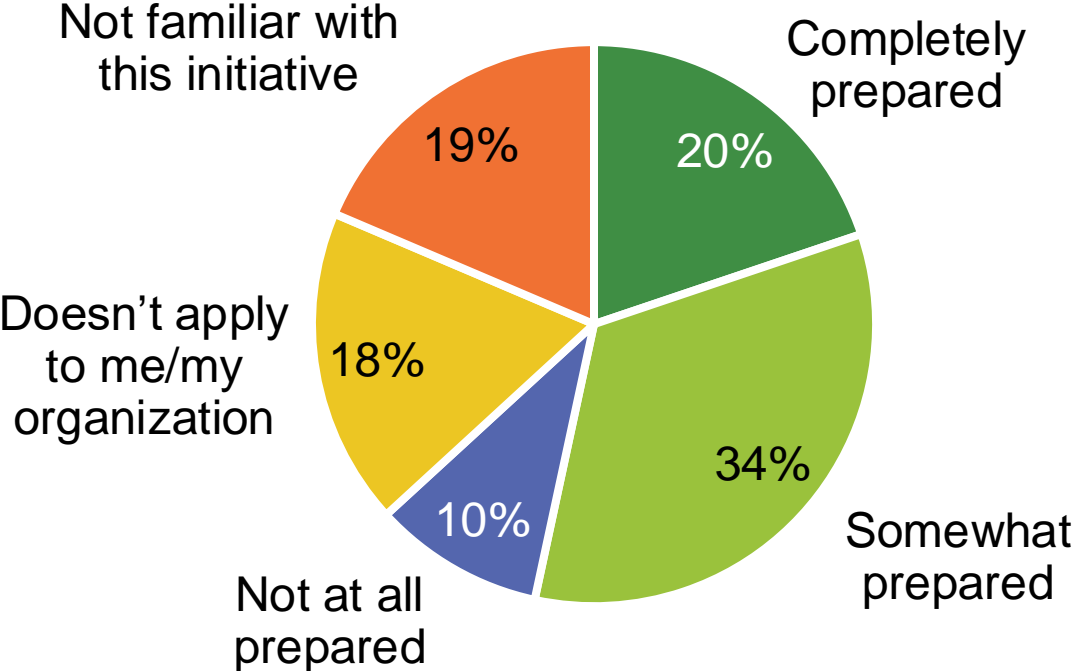
How do you or your organization plan to use the ECSF?



Source: 2024 ISC2 Cybersecurity Workforce Study.

54% are prepared to implement EU CRA; CISO, compliance, and architects needed

Level of preparedness to implement requirements of EU CRA



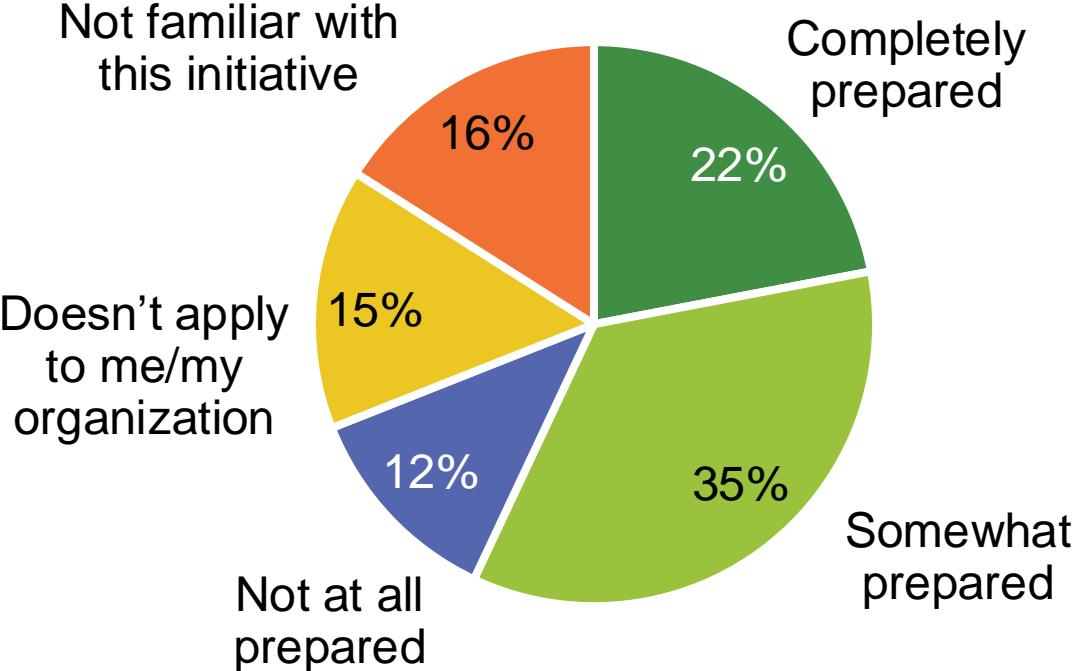
Roles needed to implement CRA



Source: 2024 ISC2 Cybersecurity Workforce Study.

57% are prepared to implement EU NIS2; CISO, compliance, and risk managers needed

Level of preparedness to
implement requirements of EU
NIS2 directive



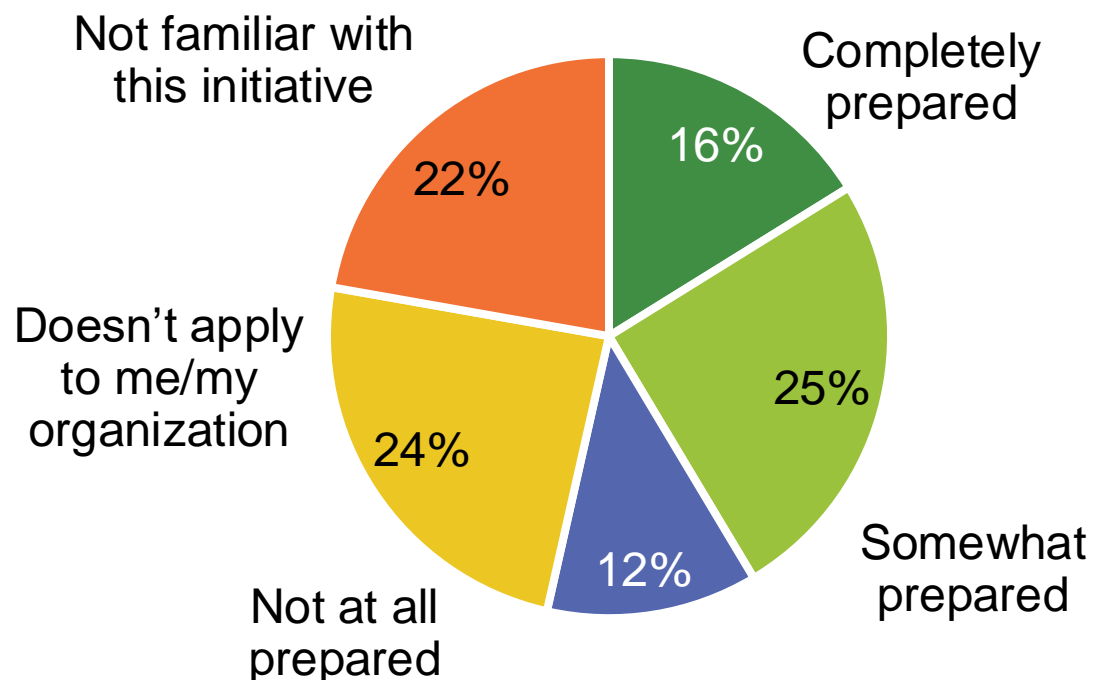
Roles needed to implement NIS2



Source: 2024 ISC2 Cybersecurity Workforce Study.

41% are prepared to implement DORA; CISOs, compliance, and risk managers needed

**Level of preparedness to
implement requirements of
DORA**



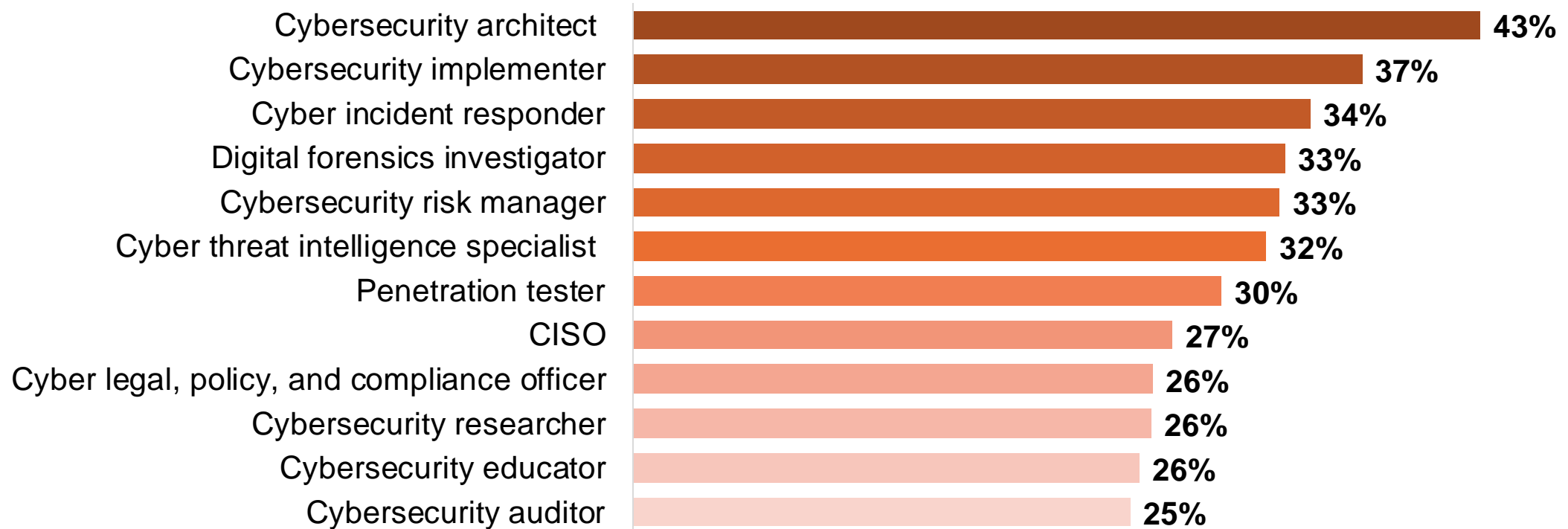
Roles needed to implement DORA



Source: 2024 ISC2 Cybersecurity Workforce Study.

E.U. organizations are most lacking architects (needed to implement CRA, NIS2, and DORA)

In which of the following areas/roles is your organization lacking cybersecurity talent?



Source: 2024 ISC2 Cybersecurity Workforce Study.

Key takeaways

- The past year has been challenging for cybersecurity professionals.
- The threat landscape is the worst in five years.
- For the first time, growth in cyber workforce has slowed down with teams experiencing cutbacks.
- Regulatory and legislative requirements continue to place pressure on cybersecurity teams and impacting skills deficits.
- In this context, it remains vital for the new EU mandate to continue to prioritize investment in cybersecurity workforce and skills development.

The background of the slide is a solid green color. It is decorated with a complex, abstract pattern of light green geometric shapes. This pattern includes a grid of small squares in the upper left, a series of small circles in the upper right, and a vertical column of small squares on the right side. There are also various other geometric elements like lines and dots scattered throughout the background.

Thank You!

ISC2TM

© ISC2. All rights reserved. This presentation's images are subject to copyright protection and used under license from third parties. Do not use images from this presentation in other presentations or documents without first consulting with the creative team. The use of copyrighted images outside the licensed scope constitutes copyright infringement and subjects the user to monetary damages and other penalties.