

Adapting to the AI Era!

How Organizations are Reshaping Cybersecurity Programs

We surveyed three hundred organizations in the US to get a pulse on how generative AI is impacting their cybersecurity programs. Their insights fall into three main areas:

1	2	3
They are using generative AI. They also have governance and updates to their cybersecurity programs in place.	They are still concerned about lack of transparency, data privacy, and overreliance on generative AI.	They are already preparing for additional emerging technologies.

The Impact of Generative AI on Cybersecurity Programs



Organization Revision of Cybersecurity Program to Include Risks Introduced by Generative AI

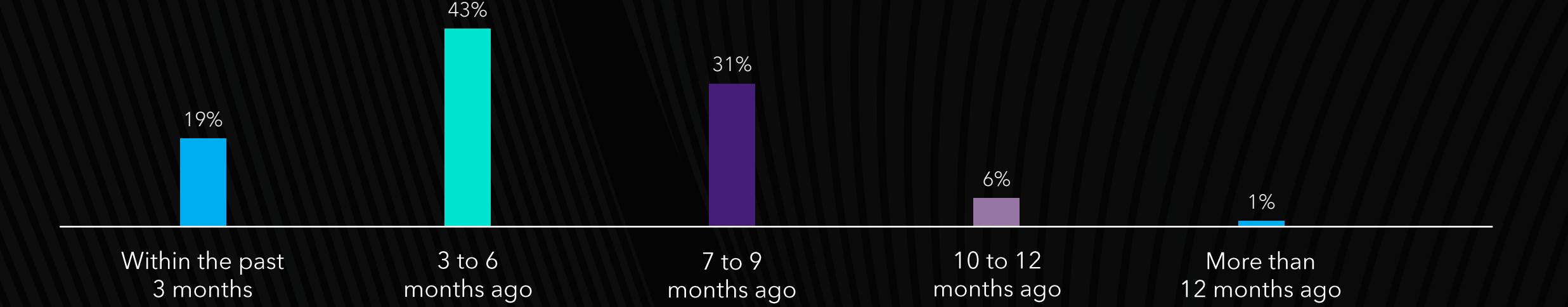
Q: Has your organization revised its cybersecurity program to include cyber risk considerations introduced by generative AI? (n=300)



Have not revised, but plan to in the near future Yes, have slightly revised Yes, have significantly revised

Turns out these updates to cybersecurity programs are hot off the press, with **99% of them** happening in the last 12 months.

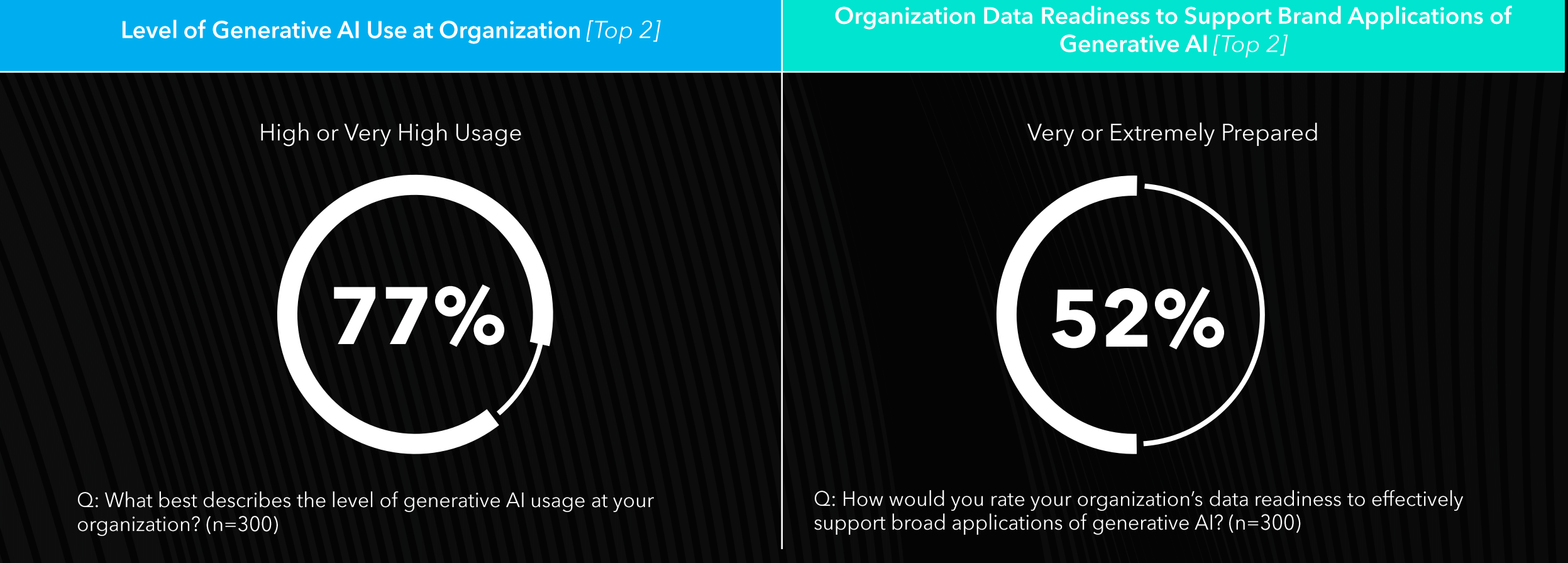
When Organizations Updated Their Cybersecurity Programs



Q: When did your organization update its cyber security program? (n=206) [Among those who have slightly or significantly revised]

Why is everyone in such a hurry to get their cybersecurity plans updated to account for generative AI? They’re already using it!

Interestingly, one of the insights organizations are gaining from that experience is that their data isn’t quite ready.



How is everyone using generative AI? Essentially, they’re becoming more efficient. Is your organization using generative AI in these areas?

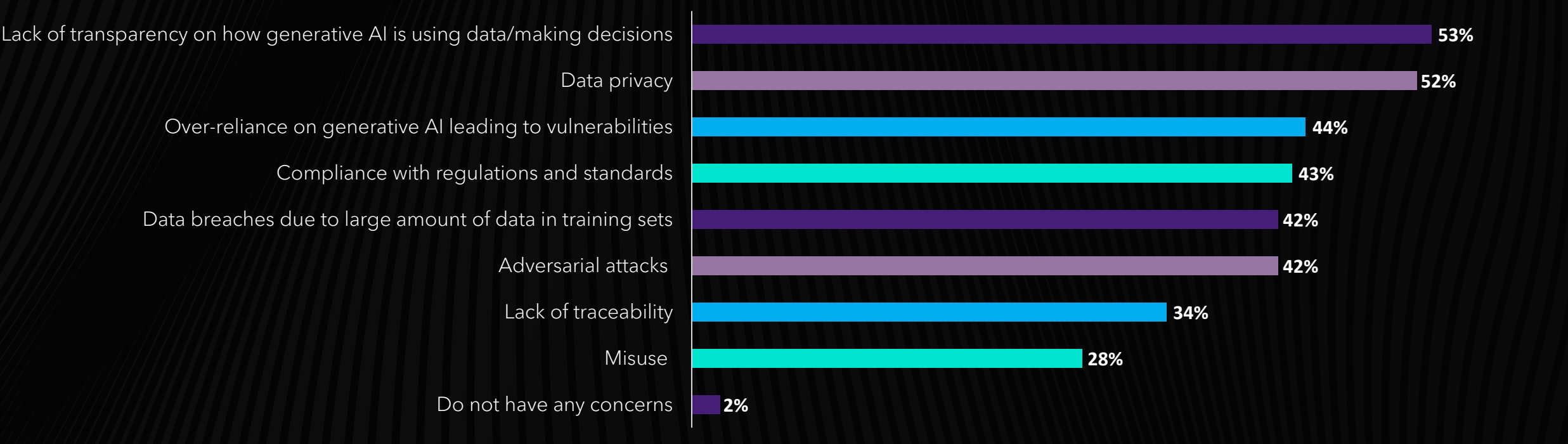
	Do not plan to use	Do not currently use, but plan to use	Experimenting with use	Currently use
Improving/enhancing automation of operational processes	<1%	12%	34%	54%
Supporting code generation/enhancement	2%	16%	34%	48%
Co-developing products or services	1%	14%	38%	48%
Internal knowledge base for functional areas such as HR	1%	18%	35%	46%
Content creation for external use	1%	18%	41%	40%

Q: What is your organization's experience with using generative AI for the following tasks? (n=300)

With **80%+ using/about to deploy generative AI** in some way, they are still concerned about the lack of transparency, data privacy, and overreliance on generative AI.

Cybersecurity Risk Concerns with the Implementation of Generative AI

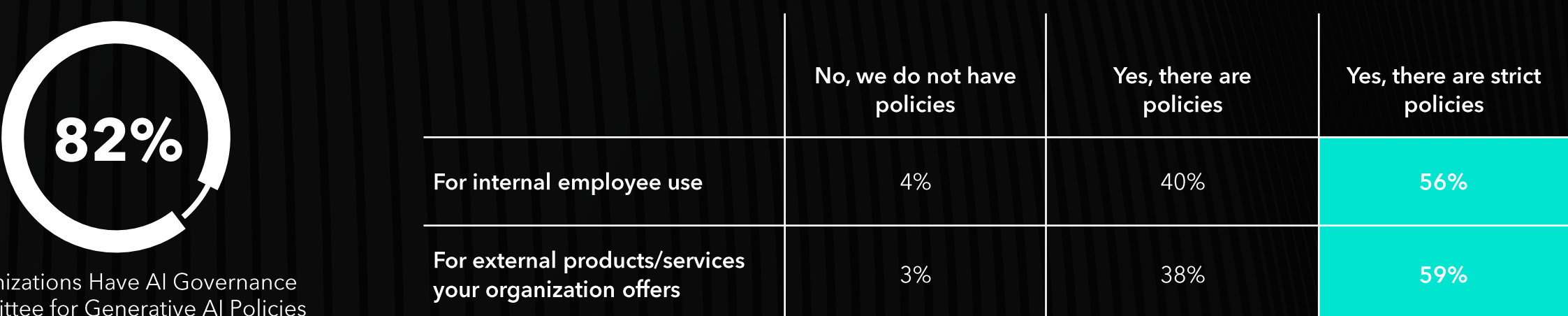
Q: Do you have any cyber security risk concerns with the implementation of generative AI in your organization? Select all that apply. (n=300)



Another benefit of their experience is learning how to create models that work best for their industry and business – they mostly buy them now with **80% buying or buying and building** them.

Governance

AI governance is not being left out, with 96% of organizations having it in place for employee use and **97% having it in place for how it’s used in the products and services** they offer:



These policies are being governed by governance committees, with 82% having an AI governance committee for generative AI policies already up and running.

Emerging Technologies on IT Leaders’ Radar

The speed at which organizations have adapted their cybersecurity programs to account for generative AI is impressive. Yet, they haven’t stopped there. IT leaders are aware of the number of emerging technologies on the horizon and their potential impact on their cybersecurity programs.



And they’re not standing idly by with **63% already revising**, at least somewhat, their cybersecurity programs to include potential risks introduced by emerging technologies.

Please check out the additional C1 Edge insights at onec1.com/c1-edge.