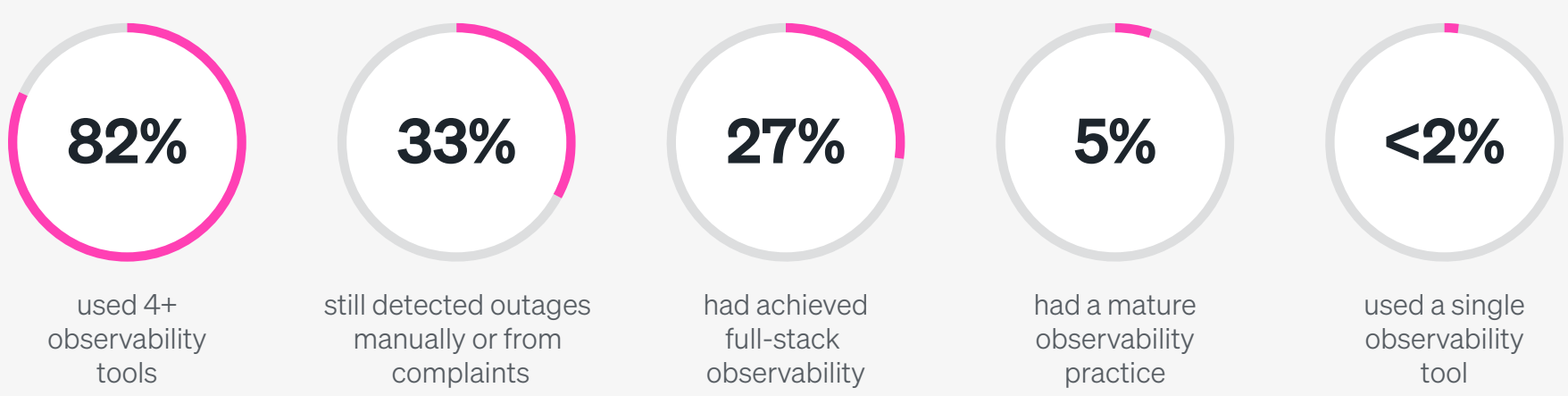# o11y

2022
[Info]

Alerting Groups

2022 Observability Forecast Spotlight

To capture new insights into observability (o11y), New Relic partnered with Enterprise Technology Research (ETR) for the second annual *Observability Forecast* report. This year, ETR polled 1,614 respondents in 14 countries across North America (31%), Europe (44%), and Asia Pacific (25%). The respondent mix was 65% practitioners and 35% IT decision-makers (ITDMs), including C-suite executives and non-executive managers. Here's a summary of key findings. View the full report and methodology.

Top 11 takeaways + insights

Challenges

Monitoring is fragmented. Most organizations do not currently monitor their full tech stacks.

82% used 4+ observability tools

33% still detected outages manually or from complaints

27% had achieved full-stack observability

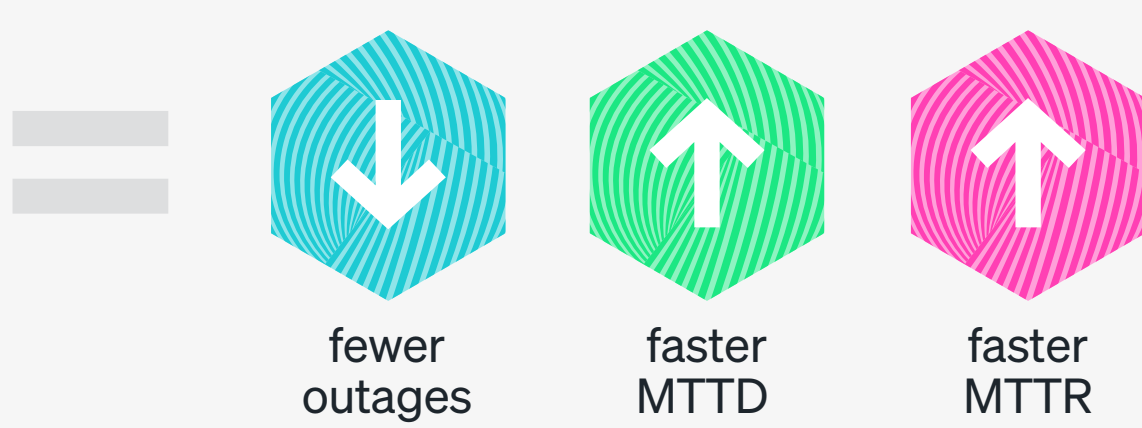**5%** had a mature observability practice

<2% used a single observability tool

Opportunities

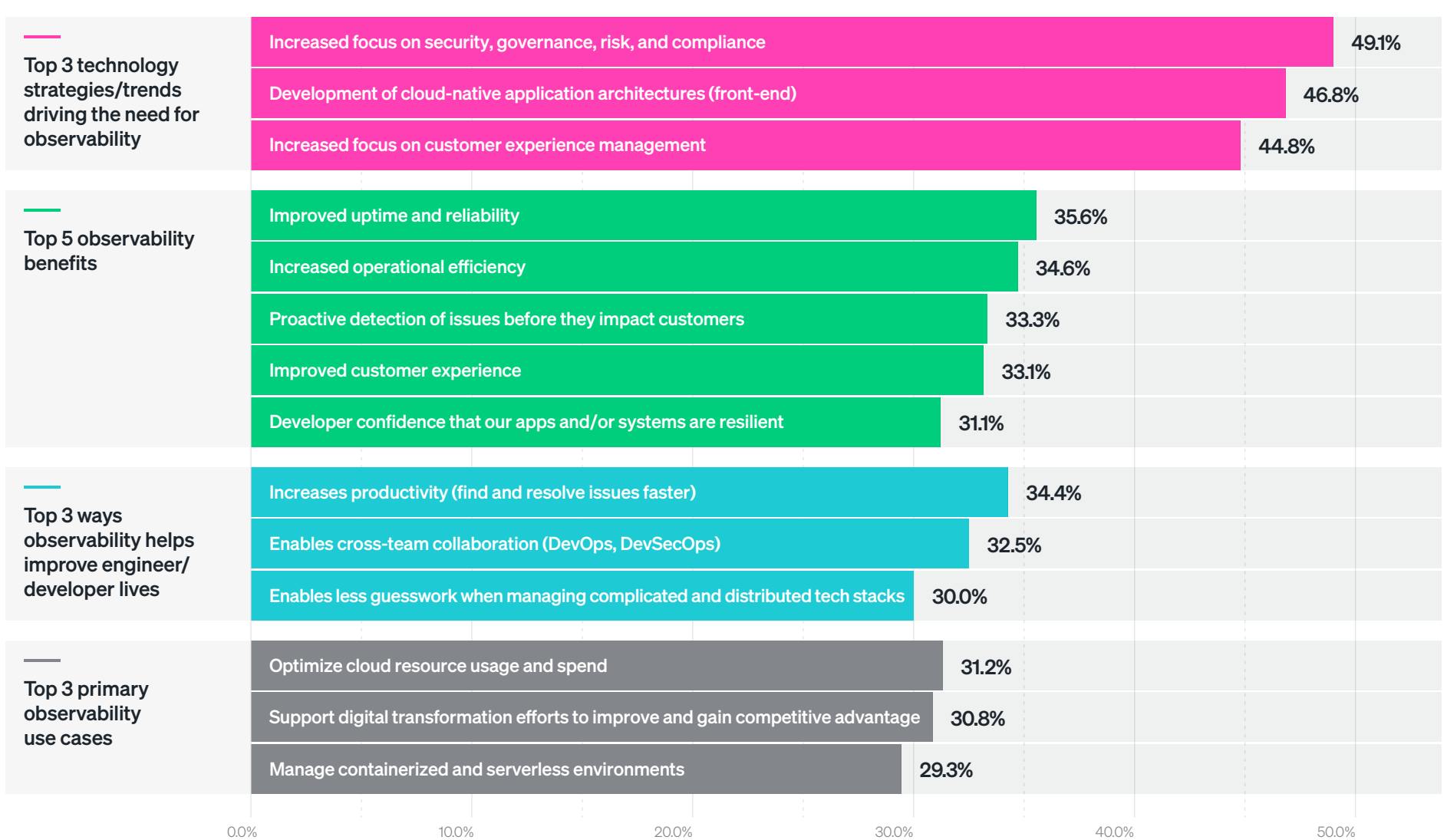Observability improves service-level metrics. Organizations see its value—and expect to invest more in it.

88–97% of 17 different observability capabilities should be deployed by 2025

73% said C-suite execs are advocates of observability

72% expected to increase or maintain observability budgets next year

50+% said observability enables core business goals

47% preferred a single, consolidated observability platform

Prioritizing/ achieving full-stack observability

fewer outages

faster MTTD

faster MTTR

"Observability and monitoring and information security can draw closer together and leverage common platforms—there's a lot of overlap. To the extent that you can use one tool to provide everything, that's going to become more important."

—SVP and CTO for a large retail enterprise

Top Insights

Top 3 technology strategies/trends driving the need for observability	Increased focus on security, governance, risk, and compliance		49.1%
	Development of cloud-native application architectures (front-end)		46.8%
	Increased focus on customer experience management		44.8%
Top 5 observability benefits	Improved uptime and reliability	35.6%	
	Increased operational efficiency	34.6%	
	Proactive detection of issues before they impact customers	33.3%	
	Improved customer experience	33.1%	
	Developer confidence that our apps and/or systems are resilient	31.1%	
Top 3 ways observability helps improve engineer/ developer lives	Increases productivity (find and resolve issues faster)	34.4%	
	Enables cross-team collaboration (DevOps, DevSecOps)	32.5%	
	Enables less guesswork when managing complicated and distributed tech stacks	30.0%	
Top 3 primary observability use cases	Optimize cloud resource usage and spend	31.2%	
	Support digital transformation efforts to improve and gain competitive advantage	30.8%	
	Manage containerized and serverless environments	29.3%	

0.0% 10.0% 20.0% 30.0% 40.0% 50.0%

View the Full Report