

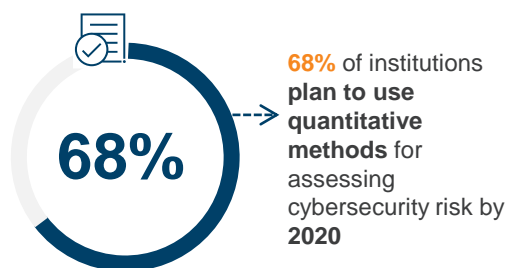
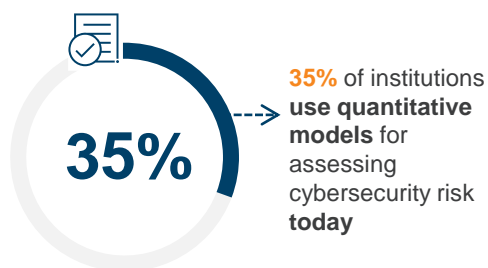
The Cybersecurity Imperative Protiviti Spotlight: Cyber Risk Quantification

The Cybersecurity Imperative, a thought leadership program conducted by ESI ThoughtLab in partnership with a group of prominent organizations, including Protiviti, dissects results from a rigorous mixed-methods research program, consisting of four elements:

1. A diagnostic survey of 1,300 firms across industries and regions.
2. In-depth interviews with 18 chief information security officers (CISOs) and cybersecurity experts.
3. Insights from an advisory board of executives representing a variety of perspectives.
4. Cost-benefit analysis and modeling to gauge the impact of information security practices on performance.

In this spotlight, we focus on key findings specific to **Cyber Risk Quantification**.

Across industries, companies are **increasing the use of quantitative risk assessment models**

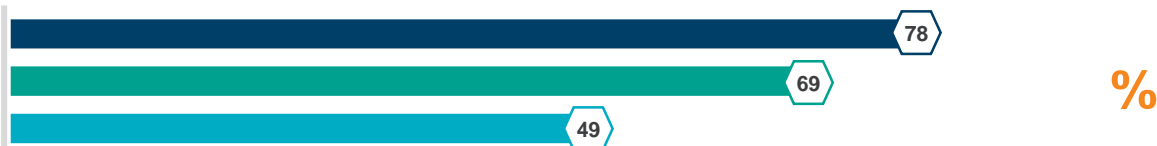


71% of institutions **using quantitative methods today** are planning to **increase use by 2020**

Companies using, or planning to use, quantitative risk assessment models are **ahead in digital transformation**

Companies now using or planning to use quantitative risk assessment models rate themselves as intermediate or above in:

Creating a management and employee culture of innovation across the enterprise



Developing new products, business models, and customer engagement methods to succeed in a digital marketplace

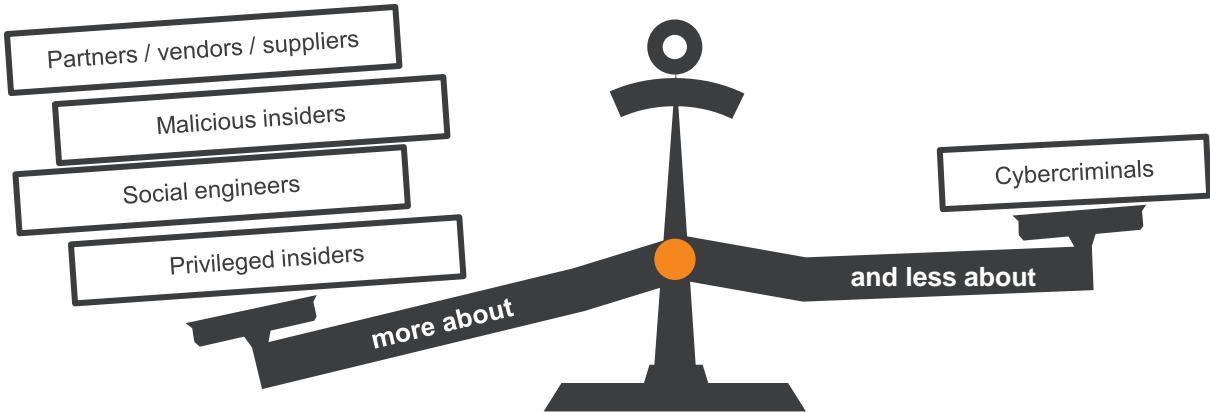


Using quantitative models today Plan to use quantitative models by 2020 No plans to use quantitative models

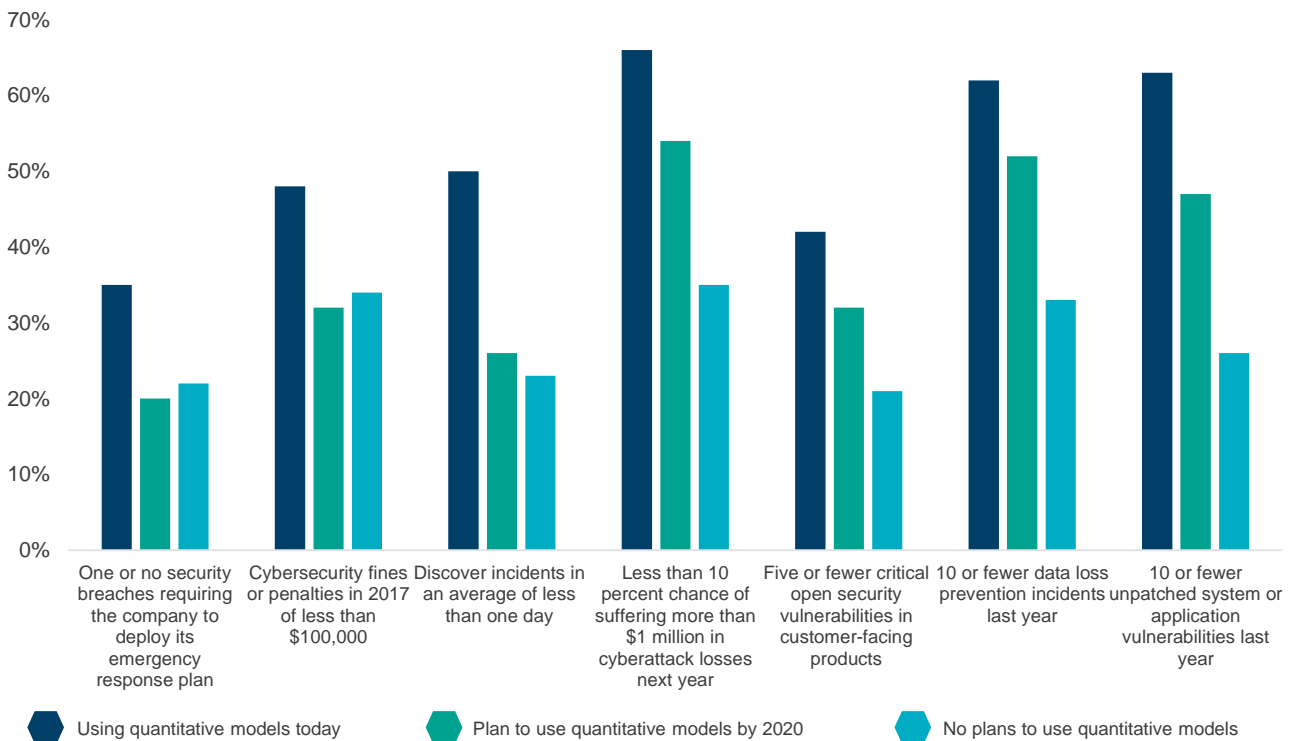
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Companies that are engaged with quantitative risk assessment models are **more likely** to have a **holistic view of cybersecurity and its threats and attack vectors**

Companies using quantitative risk assessment methods care...



Companies using, or planning to use, quantitative risk assessment models have **overall higher cybersecurity performance**



For more information, visit protiviti.com/FAIR