

Cyber Threats by the Numbers

WHAT ALL BOARDS MUST KNOW

Data is the lifeblood of businesses in the digital age. As a result, all parties — especially the board of directors — must play an active role in promoting and supporting effective cybersecurity.

Risky Business Is the New Normal

Global cybercrime now tops almost **\$600 billion**¹

TYPICAL BREACH COST
\$3.86 million²



85% of companies share access to data with business partners

28% but only 28% have security standards for sharing this data³

90% expect investments in cybersecurity to grow over the next three years⁴

¹ Center for Strategic and International Studies and McAfee, "The Economic Impact of Cybercrime—No Slowing Down," February 2018.
² Ponemon Institute, "2018 Cost of Data Breach Study," 2018.
³ ATT Business, "Cybersecurity for today's digital world."
⁴ Accenture, "Gaining ground on the cyber attacker," 2018.

Organizations Struggle to Manage Cyber Risk

\$89.1 BILLION Total spending on cybersecurity in 2017 — an 8% increase over the previous year⁵

57% of IT and security professionals said the time to resolve an incident has increased⁶

65% reported the severity of attacks has increased⁷

1/3 of organizations are not protected by their cybersecurity program⁸

⁵ Accenture, "Gaining ground on the cyber attacker," 2018.
⁶ Ponemon Institute, "The Third Annual Study on the Cyber Resilient Organization," March 2018.
⁷ Ponemon Institute, "The Third Annual Study on the Cyber Resilient Organization," March 2018.
⁸ Accenture, "Gaining ground on the cyber attacker," 2018.

Many Boards Are MIA

When establishing IT security priorities, **only 9% of organizations depend on the board of directors**⁹

IT AND SECURITY PROFESSIONALS cited the following governance challenges

73% insufficient personnel

56% insufficient budget¹⁰

EXECUTIVES

83% say advanced technologies are essential for securing the enterprise

But only **2 in 5** are investing in AI and automation¹¹

⁹ Ponemon Institute, "2017 State of Cybersecurity in Small and Medium-Sized Businesses."
¹⁰ Accenture, "Gaining ground on the cyber attacker," 2018.

A Better Way

85% of organizations plan to implement board and CEO involvement in cybersecurity within the next year¹²

¹² Ponemon Institute, "The Third Annual Study on the Cyber Resilient Organization," March 2018.

Is your board having strategic risk mitigation conversations? Start today and find out how Nasdaq Boardvantage® can help.

[CONTACT US](#)

[DOWNLOAD OUR EBOOK](#)

Best Practices in Cyber Risk Governance

Building a Foundation Based on People, Processes and Technology