



Data Compromise in a Pandemic World

CONTINUOUS RISKS DURING COVID-19

As organizations continue to shift their workforces to remote and hybrid work amidst the COVID-19 pandemic, data breaches also continue to rise in cost, with 2021 being coined as **the most active year for cyberattacks**.

Average Cost for a Data Breach



\$4.24 million

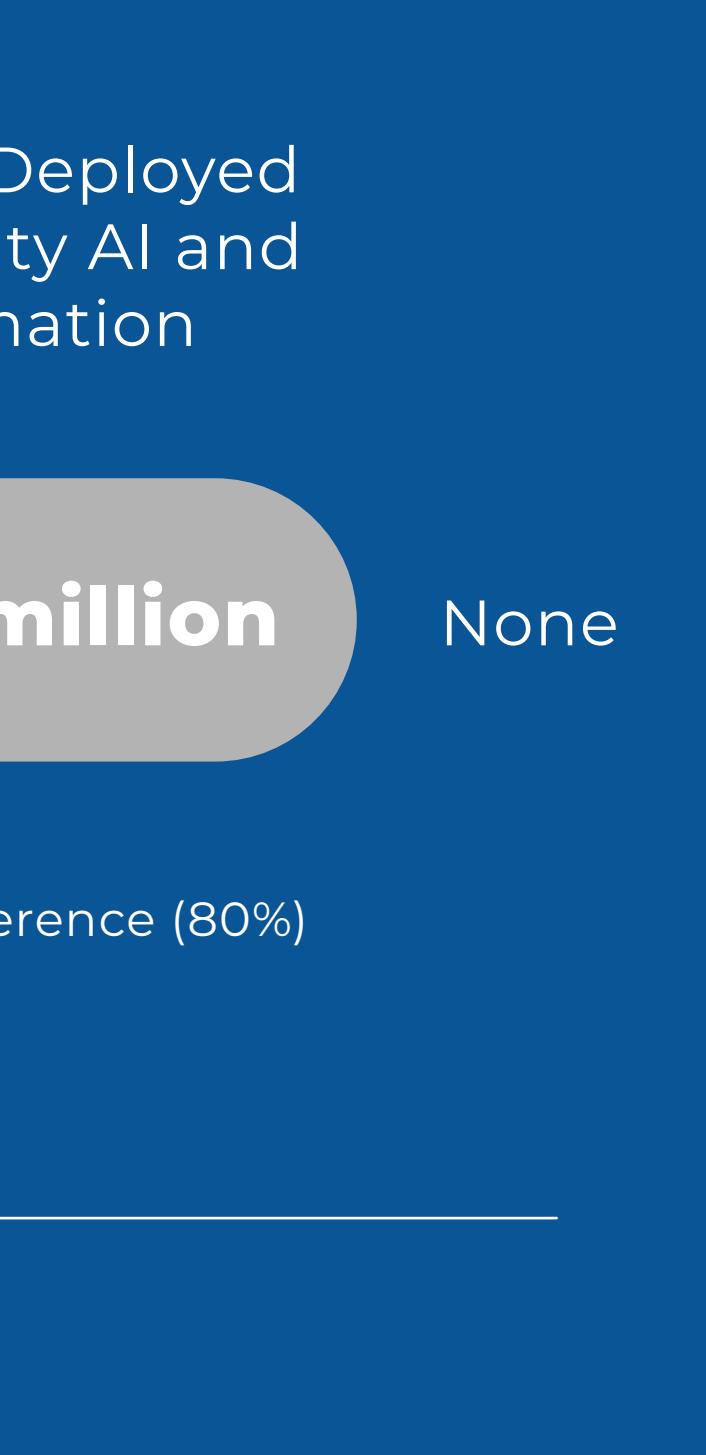
2021

\$3.86 million

2020

Cybercriminals orchestrated 1,789 large-scale data breaches in 2021. According to Ponemon Institute and IBM's *Cost of a Data Breach Report 2021*, the average cost for a data breach **increased from \$3.86 million (2020) to \$4.24 million**, the highest cost ever recorded in the 17-year history of the report.

10% increase in average total cost of a data breach.



Largest single-cost increase in the last seven years.



Organizations that lagged in areas such as security AI and automation, zero trust and cloud security had **higher costs**.

Breaches with Mature Zero Trust vs. No Zero Trust

\$3.28 million

Mature Zero Trust

\$5.04 million

No Zero Trust

\$1.76 million cost difference (2.3%)

\$2.9 million

Fully-Deployed Security AI and Automation

\$6.71 million

None

\$3.81 million cost difference (80%)

Breaches with Security AI and Automation vs. None

\$2.9 million

Fully-Deployed Security AI and Automation

\$6.71 million

None

\$3.81 million cost difference (80%)

Breaches with Hybrid Cloud Environments vs. Public Cloud

\$3.61 million

Hybrid Cloud

\$4.8 million

Public Cloud

\$1.19 million cost difference (28.3%)

Remote work and digital transformation

remote work

remote work</