



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%)

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%)



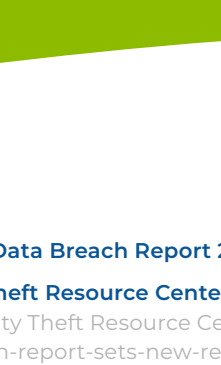
Remote work and digital transformation implemented due to the COVID-19 pandemic was a factor in causing a data breach.



Organizations that had more than 50% of their workforce working remotely took **58 days longer** to identify and contain breaches than those with less than 50% of their workforce working from home.



IT changes such as **cloud migration and remote work** increased costs.



However, organizations that did not implement digital transformation changes due to COVID-19 experienced \$750,000 higher in costs compared to the global average.

SOURCE

"Cost of a Data Breach Report 2021 | IBM." IBM - United States, IBM Corporation, 2022, <https://www.ibm.com/security/data-breach>.
"Identity Theft Resource Center's 2021 Annual Data Breach Report Sets New Record for Number of Compromises - ITRC" ITRC, Identity Theft Resource Center, 24 Jan. 2022, <https://www.idtheftcenter.org/post/identity-theft-resource-center-2021-annual-data-breach-report-sets-new-record-for-number-of-compromises/>.

American Technology Services
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(888) 876-0302
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