

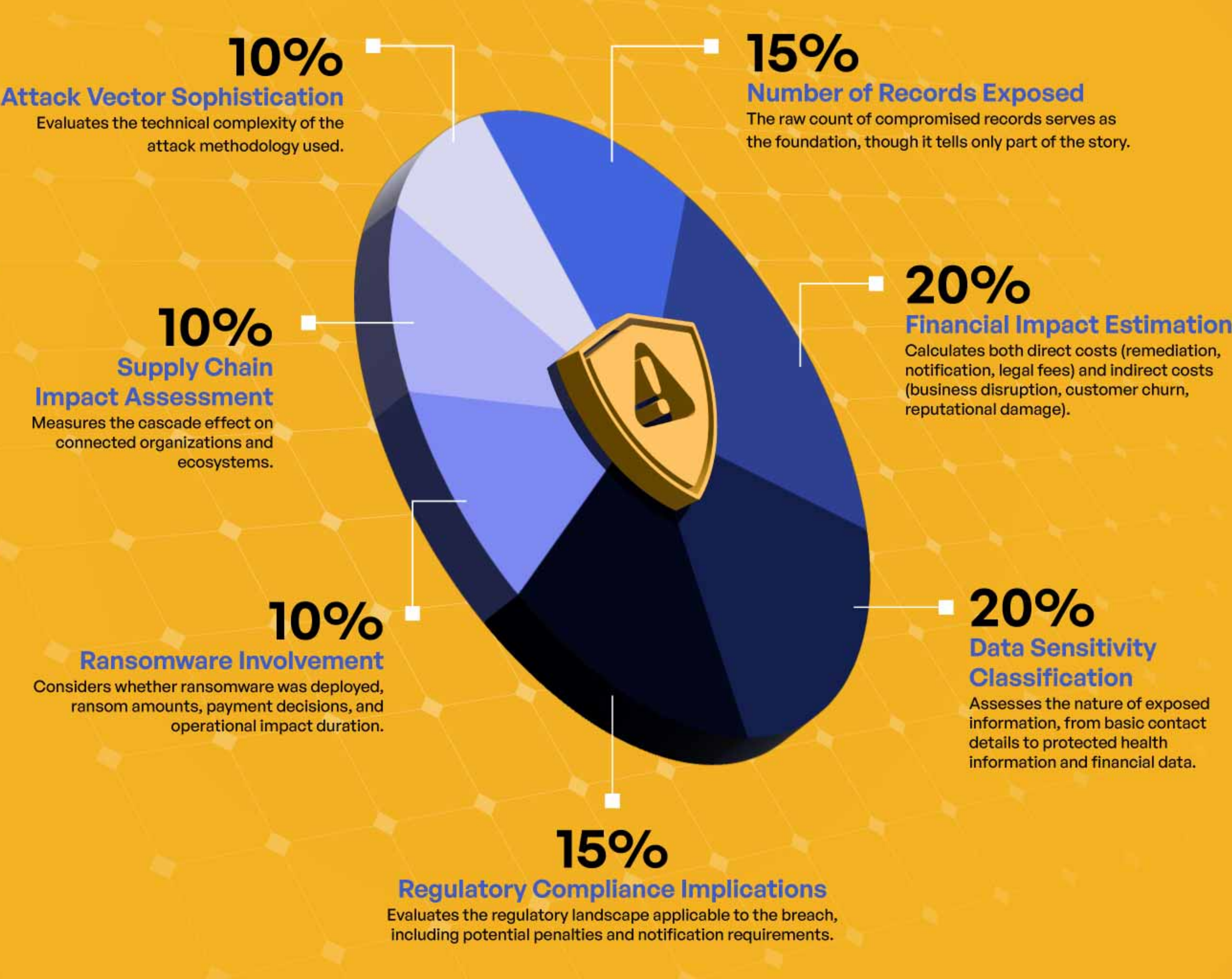
Top 11 Data Breaches in 2024 and Their Risk Exposure Scores



Kiteworks' Risk Exposure Index provides a comprehensive framework for understanding breach severity through multiple dimensions. With over **1.7 billion individuals** receiving breach notifications in 2024 alone, understanding these incidents through a multifaceted lens is critical for organizations seeking to protect their most valuable assets.

Risk Exposure Index Framework

Risk Exposure Index (REI) evaluates breaches on a scale of 1-10 by weighing seven key factors:



The resulting score provides a normalized measurement of breach severity:

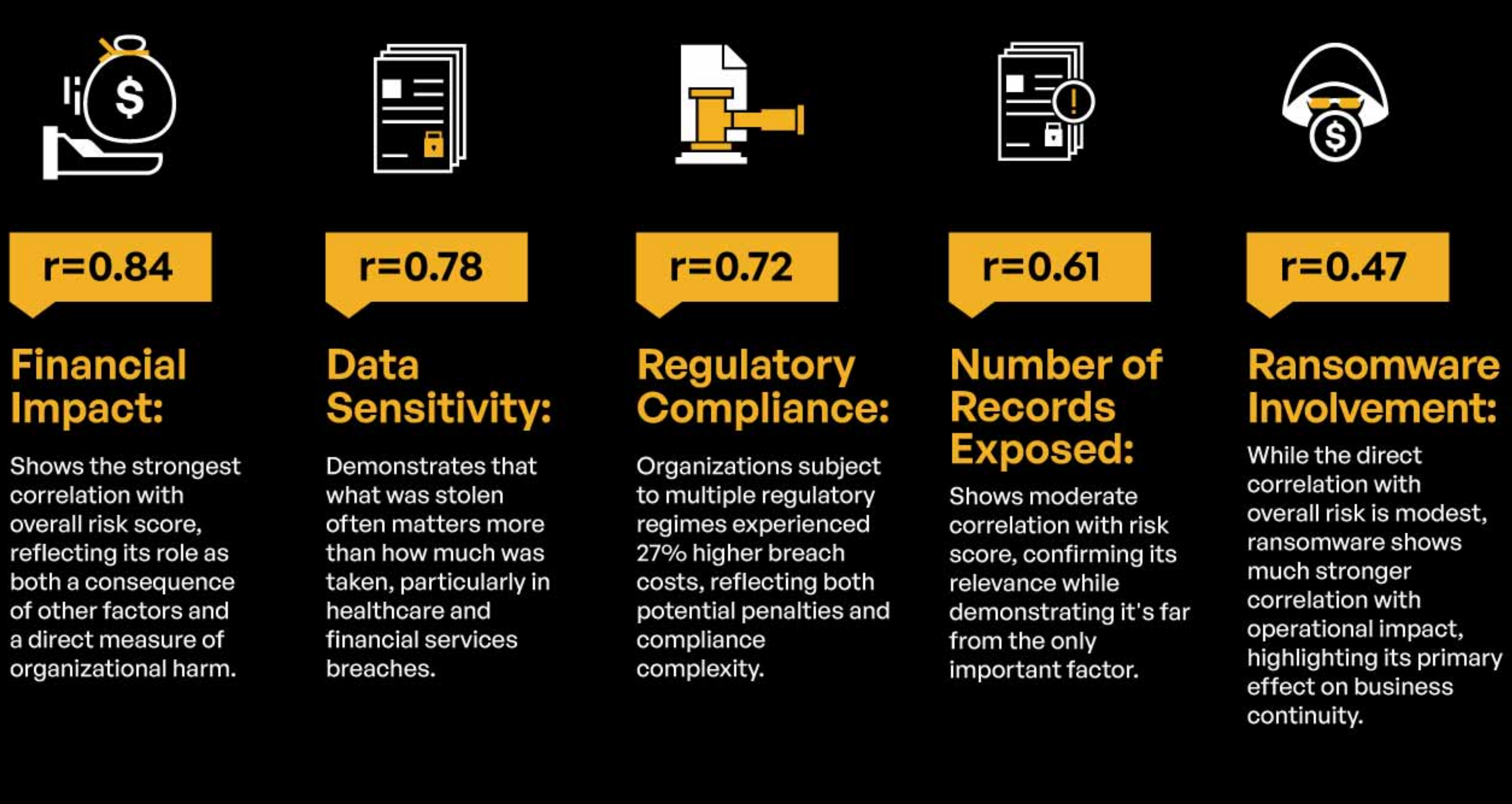
8.5-10	7.0-8.4	5.5-6.9	4.0-5.4	1.0-3.9
Catastrophic Impact	Severe Impact	Moderate to High Impact	Moderate Impact	Limited Impact

Top 11 Breaches Ranked by Risk Score

1	National Public Data Records exposed: 2.9 billion Industry: Data Aggregation Key factors: Unprecedented scale, extensive data sensitivity, sophisticated attack methodology	Risk Score 8.93
2	Change Healthcare Records exposed: 190 million Industry: Healthcare Key factors: Maximum supply chain impact (10.0), catastrophic healthcare ecosystem disruption	Risk Score 8.70
3	Ticketmaster Records exposed: 560 million Industry: Entertainment Key factors: Extensive financial impact (\$94.64 billion), highly sophisticated attack vector	Risk Score 8.70
4	AT&T Records exposed: 110 million Industry: Telecommunications Key factors: High data sensitivity, exposure of 86 million Social Security numbers	Risk Score 8.50
5	Hot Topic Records exposed: 56.9 million Industry: Retail Key factors: Complete payment card details exposed, significant supply chain impact	Risk Score 7.70
6	LoanDepot Records exposed: 16.9 million Industry: Financial Services Key factors: Highly sensitive financial documentation, ransomware involvement	Risk Score 7.60
7	Kaiser Foundation Health Plan Records exposed: 13.4 million Industry: Healthcare Key factors: Protected health information exposure, third-party supply chain vulnerability	Risk Score 7.60
8	Dell Technologies Records exposed: 49 million Industry: Technology Key factors: Corporate espionage indicators, sophisticated spear-phishing methodology	Risk Score 7.20
9	DemandScience Records exposed: 122.8 million Industry: Marketing/Data Key factors: Extensive record count, business impact from compromised primary assets	Risk Score 7.10
10	MC2 Data Records exposed: 100 million Industry: Data Analytics Key factors: Consumer behavior profiles, significant financial impact	Risk Score 6.90
11	U.S. Environmental Protection Agency Records exposed: 8.46 million Industry: Government Key factors: Critical infrastructure details, potential state-sponsored attack indicators	Risk Score 6.20

Key Risk Factor Correlations

Analysis reveals the relative importance of different factors in determining breach severity:



Most Influential Risk Factors

Multi-factor analysis across all breaches reveals the three most influential factors in determining breach severity:



Download the Full Report

To access the complete analysis of 2024's most significant data breaches, including detailed case studies, mitigation strategies, and industry-specific insights, download the full report at

<https://www.kiteworks.com/top-data-breaches-report/>