

Pages

Executive Overview

Date

Last 5 Years

9/25/2021 - 9/24/2026

Clear all slicers

Filters

Data Quality Grade

- Gold
- Silver
- Bronze

S&P 500 Sector

All

Country

All

Total Incidents
477

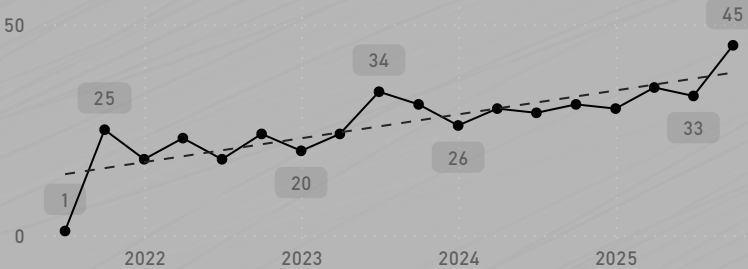
Total Financial Loss
\$31.96bn

Avg Cost per Incident
\$67.00M

Total Records Compromised
902.74M

Avg Downtime (Hours)
101.96

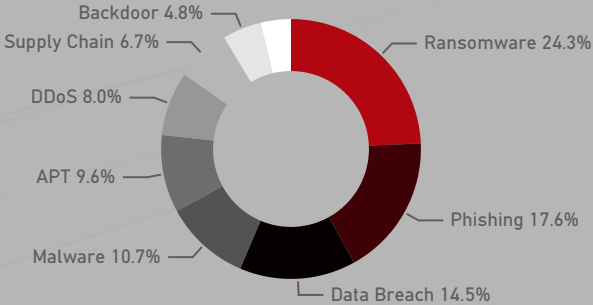
Incident Trend



Attack Vectors

Data Type

Systems Affected



KPI 1: Incidents

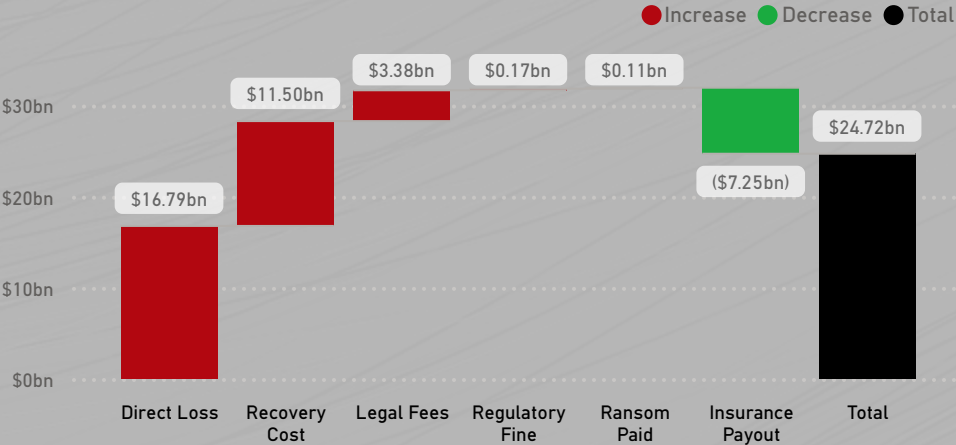
KPI 2: Financial Loss

KPI 3: Avg Cost per Incident

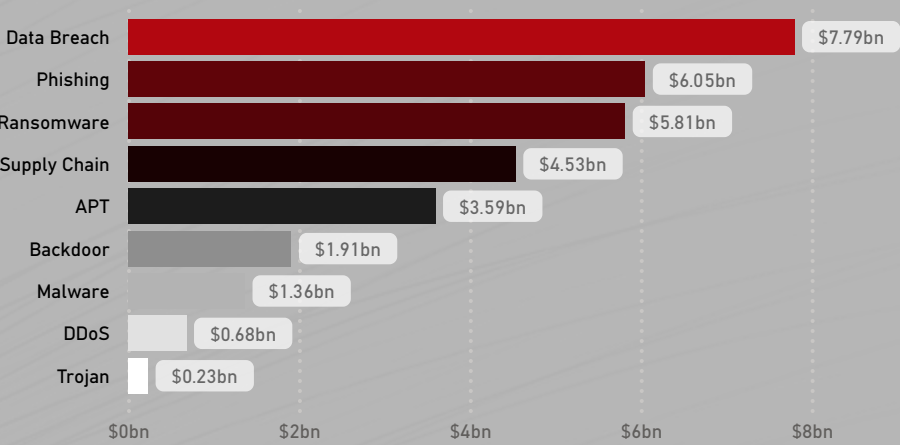
KPI 4: Records Compromised

KPI 5: Downtime

Financial Impact Drivers



Total Loss by Attack Vectors



Pages

Financials

Market Impact

Date

Last 2 Years

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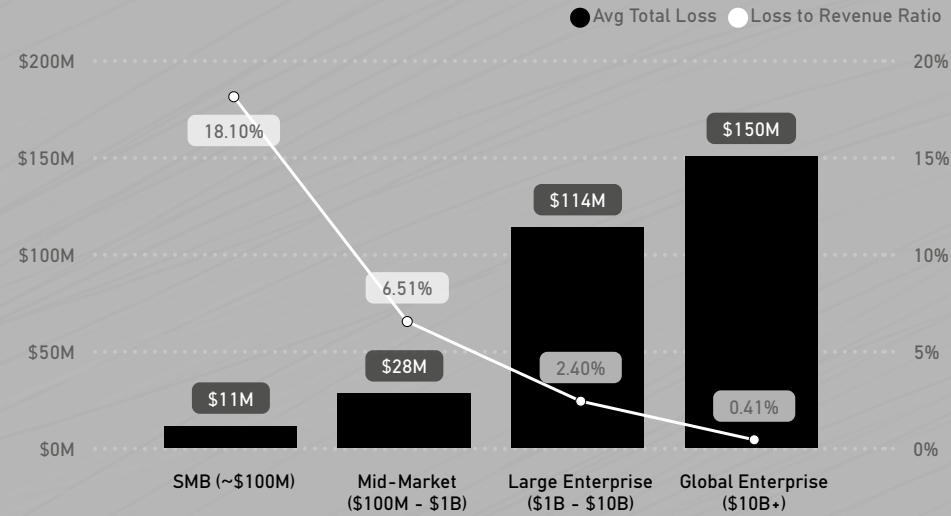
S&P 500 Sector

All

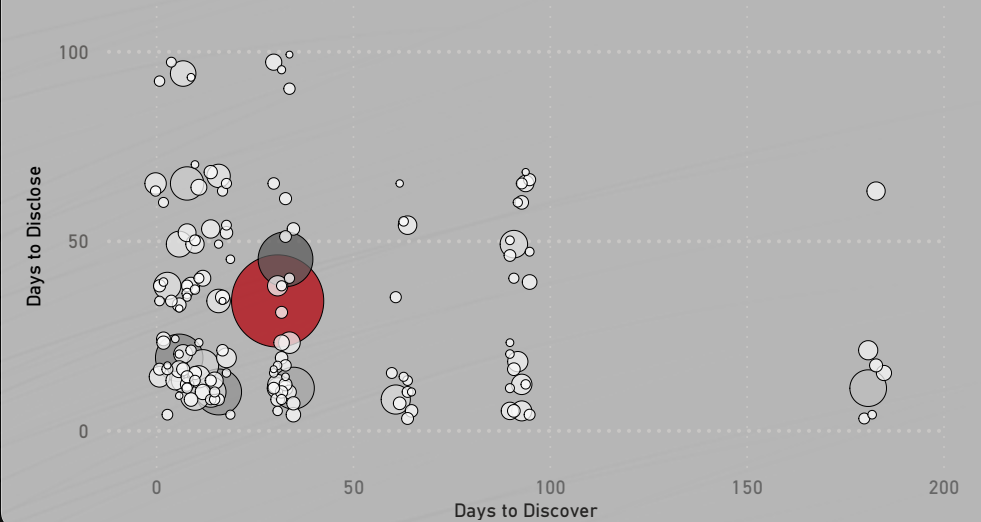
Country

All

Financial Vulnerability Index



Detection & Disclosure Effect on Total Loss



Direct Loss

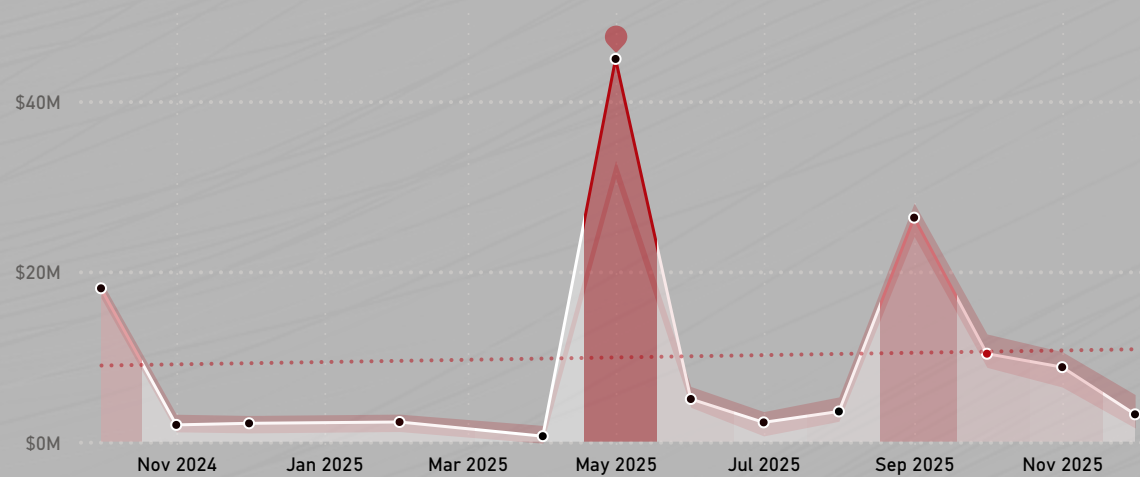
Recovery Cost

Regulatory Fine

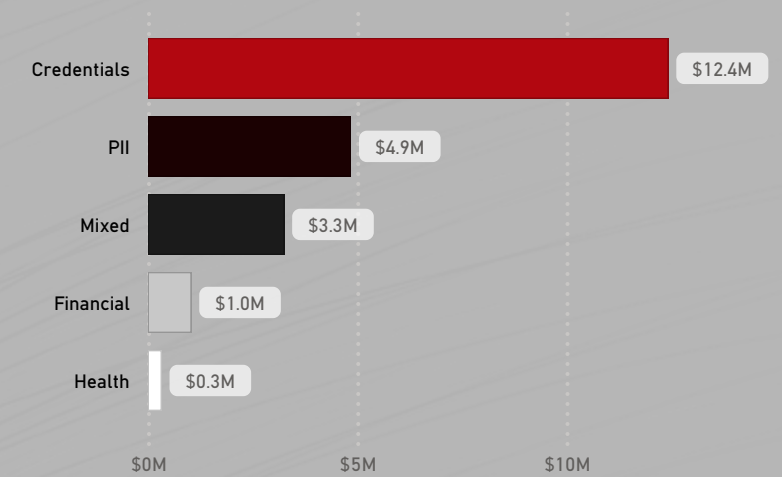
Legal Fees

Ransom Paid

Regulatory Fine Trend



Avg Fine by Data Type



Pages

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Avg 1D Market Drop
-3.48%

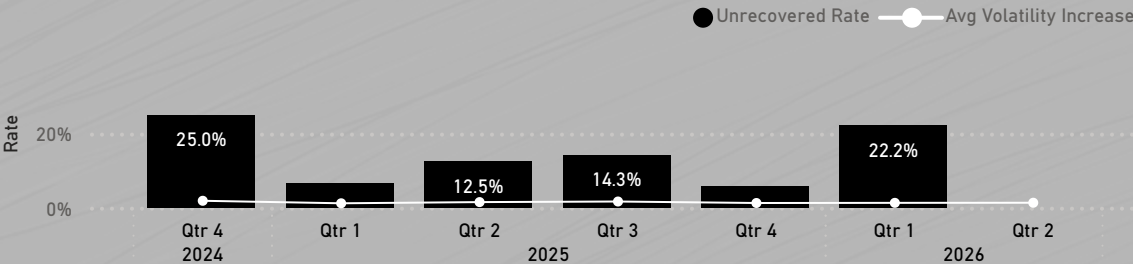
Avg 30D Market Drop
-1.46%

Median Days to Recovery
53

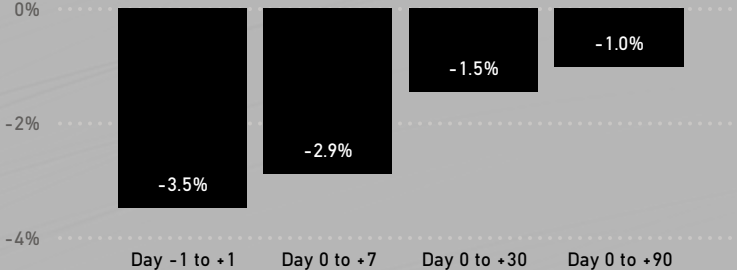
Market Shock

Price Recovery

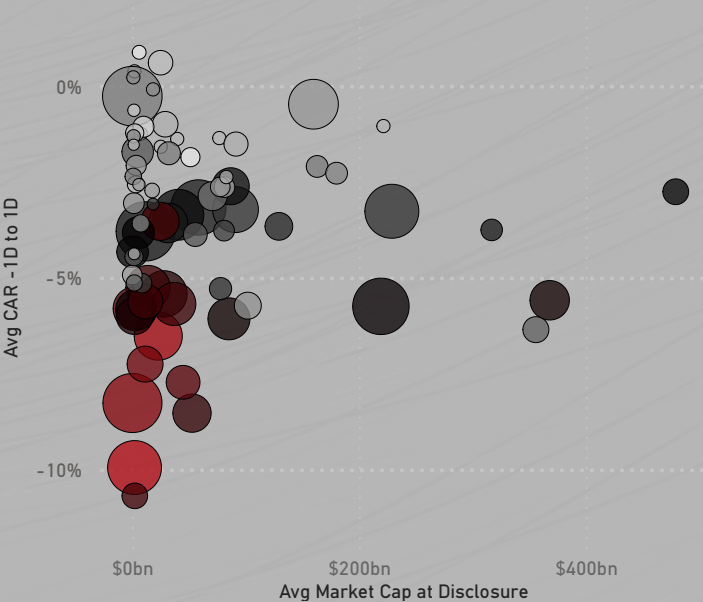
Market Impact Trends: Volatility & Unrecovery



Post-Breach CAR Trajectory



Market Cap vs. 1D Impact



Sector Risk Breakdown Matrix

Sector	Incidents	Avg 1D Drop	Avg Days to Price Recovery	Avg Volatility	Unrecovered Rate	Avg Volume Ratio
S&P 500 Health Care	18	-3.95%	99	3.88%		3.10x
S&P 500 Consumer Discretionary	14	-3.23%	71	3.31%	7.14%	2.68x
S&P 500 Industrials	11	-2.87%	133	4.15%	9.09%	3.08x
S&P 500	10	-2.15%	114	4.52%	30.00%	2.26x
S&P 500 Financials	10	-4.05%	129	3.36%	20.00%	2.64x
S&P 500 Information Technology	7	-3.89%	50	4.25%	14.29%	2.91x
S&P 500 Utilities	5	-4.76%	118	3.22%		2.63x
S&P 500 Energy	3	-3.63%	77	3.34%	33.33%	2.27x
Total	78	-3.48%	100	3.80%	11.54%	2.78x



Pages

Infrastructure Resilience

Threat Intelligence

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Last 2 Years (Cal...)

1/1/2024 - 12/31/2025

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Avg Days to Discover

39.5

Avg Days to Disclose

29.86

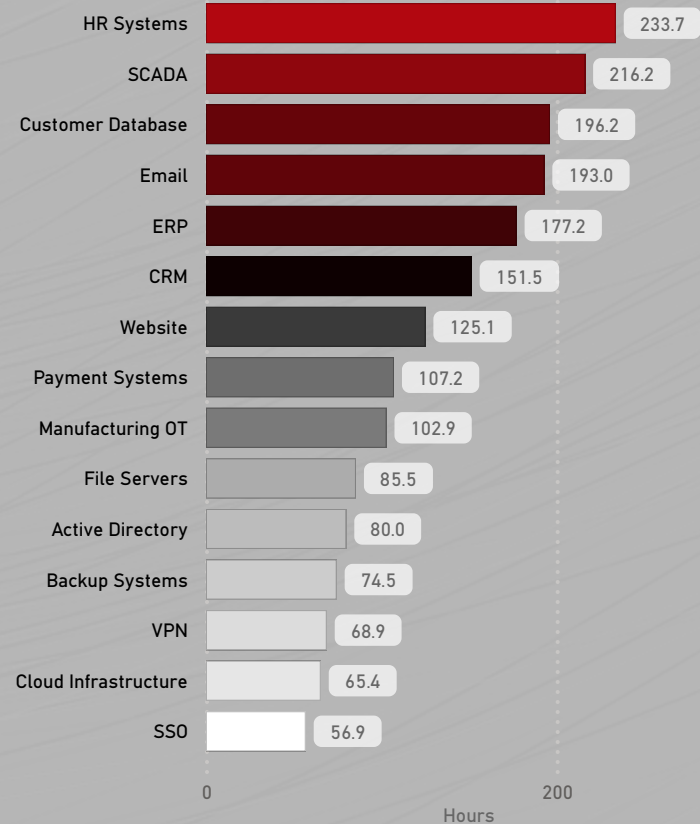
Avg Downtime (Hrs)

100.58

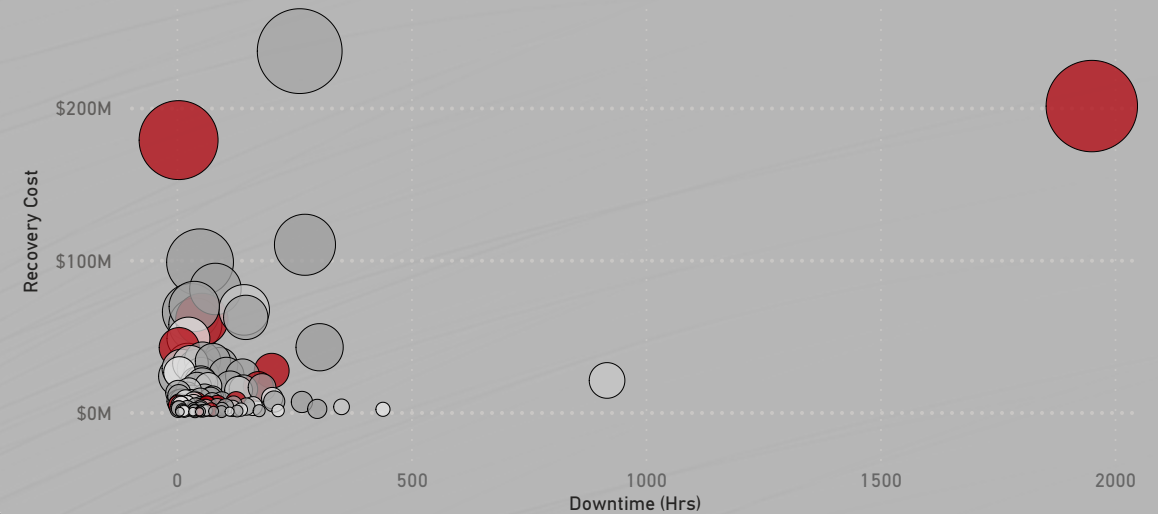
Avg Recovery Cost

\$28.59M

Avg Downtime (Hrs) by Systems Affected

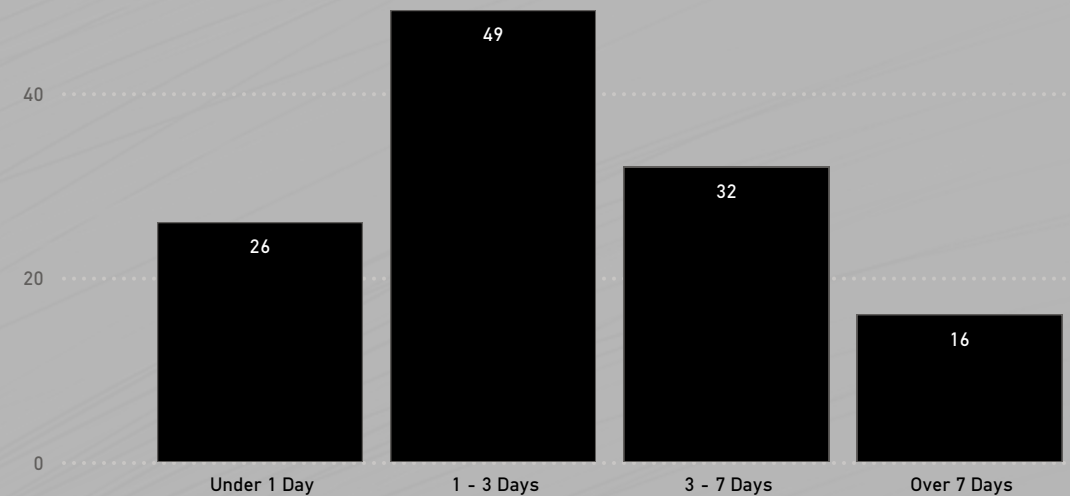


Incident Severity Matrix: Downtime vs. Financial Impact



Incident Count by Downtime Duration

**Disclaimer: Downtime data available for ~50% of confirmed incidents





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Tracked Actor Groups

31

Total Value Stolen

\$22.5bn

Top Threat Actor

Scattered Spider

Top Devastating Actor

BianLian

Top Attack Vector

Ransomware

Threat Actor Profiles

Threat Actor	Attack Vector	Incidents	Total Financial Loss
BianLian	APT	16	\$4,014,839,675.68
Sandworm	APT	13	\$2,857,767,602.07
Conti	APT	12	\$1,461,072,095.77
NoName057	APT	12	\$1,250,134,263.93
Play	APT	9	\$882,529,068.53
Volt Typhoon	Backdoor	7	\$868,938,047.36
Rhysida	Data Breach	10	\$853,225,450.15
APT41	Data Breach	12	\$723,376,222.14
Vice Society	APT	7	\$709,368,670.96
REvil	APT	14	\$706,142,047.48
Hunters International	DDoS	14	\$693,490,291.56
Cuba Ransomware	Backdoor	11	\$666,452,485.32
Lazarus Group	Backdoor	7	\$663,120,608.72
Royal	APT	13	\$634,824,084.83
APT29	Data Breach	9	\$569,190,978.48
Scattered Spider	APT	16	\$551,417,919.13
Hive	APT	10	\$525,067,961.13
DarkSide	Backdoor	14	\$409,186,930.2
BlackBasta	APT	6	\$407,218,660.6
BlackCat/ALPHV	APT	15	\$397,438,119.6
Medusa	APT	9	\$381,042,616.95
APT28	Backdoor	10	\$316,980,699.39
Total	APT	323	\$22,522,104,093.79

Threat Tactics & Execution Matrix

Attack Chain	Incidents	Total Financial Loss
Step 1	217	\$17,354,744,506.41
Misconfigured cloud storage bucket discovered by automated scanner	29	\$5,207,130,860.55
Compromised third-party software update	15	\$3,437,669,243.4
Spear-phishing campaign targeting finance team	45	\$2,721,263,775.58
Phishing email with weaponized attachment	51	\$2,476,180,104.86
Zero-day exploit in edge device	21	\$1,949,010,891.15
Trojanized installer via SEO-poisoned download	25	\$850,519,107.97
Exploitation of unpatched VPN appliance	9	\$328,560,090.8
Multi-vector botnet activation	14	\$251,876,012.53
Drive-by download from compromised ad network	8	\$132,534,419.57
Step 2	217	\$17,354,744,506.41
bulk data download over 72 hours	29	\$5,207,130,860.55
trojanized DLL sideloaded	15	\$3,437,669,243.4
credential harvesting through cloned SSO portal	45	\$2,721,263,775.58
credential theft via Mimikatz	51	\$2,476,180,104.86
fileless implant in memory	21	\$1,949,010,891.15
fileless PowerShell execution	25	\$850,519,107.97
web shell implant	9	\$328,560,090.8
volumetric UDP reflection (900 Gbps peak)	14	\$251,876,012.53
remote access trojan deployment	8	\$132,534,419.57
Step 3	217	\$17,354,744,506.41
data posted to dark web marketplace	29	\$5,207,130,860.55
Total	323	\$22,522,104,093.79