Attacks by Country

- Italy 2%
- ROW 14%
- Japan 2%
- France 2%
- India 2%
- Germany 4%
- UK 5%
- Canada 6%
- Australia 7%
- USA 57%

Attacks by Industry

- Government 34 ▲▲
- Manufacturing 33 ▲
- Education 29 ▲
- Healthcare 24 ▲
- Services 23 *
- Utilities 10
- Technology 10
- Logistics 9
- Agriculture 5
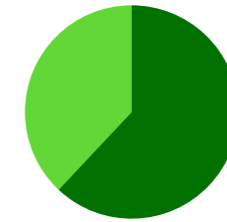- Other 18

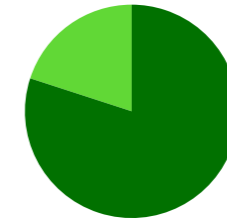* Services were split into technology & general services in October

Key Trends

Average ransomware payment

US$178,254 **+60%**

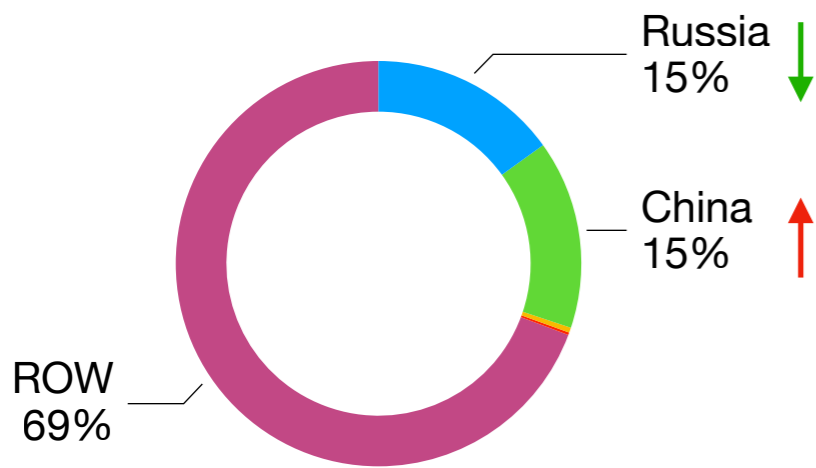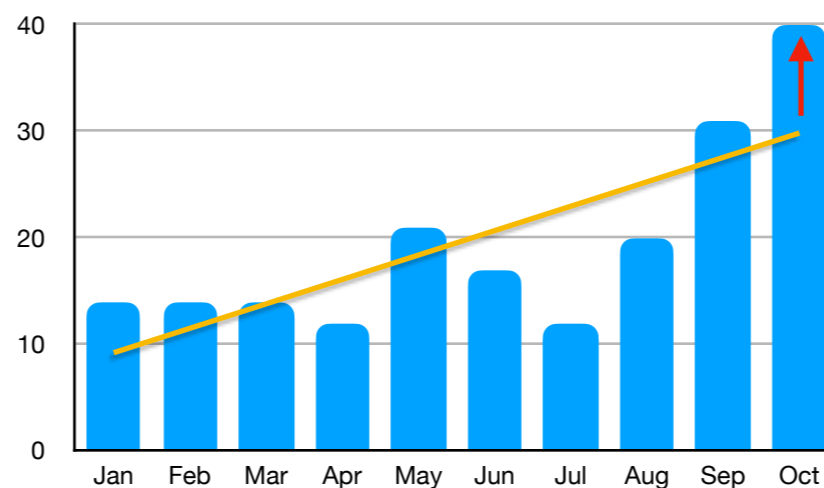62% of all attacks Ransomware

80% of attacks exfiltrate data

Ransomware Exfiltration
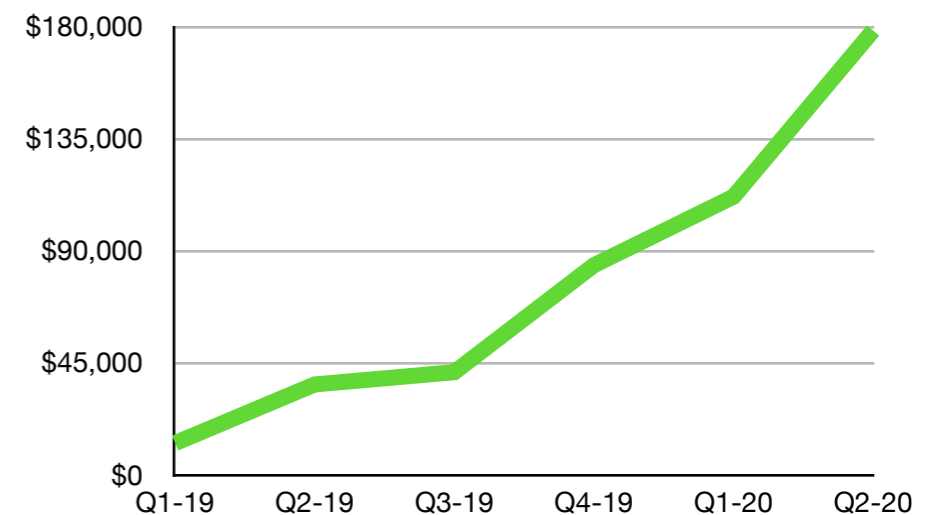

- Russia 15% ↓
- China 15% ↑
- ROW 69%

Attack Trend by Month

Jan Feb Mar Apr May Jun Jul Aug Sep Oct

Average Ransom Payout[1]

$180,000
$135,000
$90,000
$45,000
$0

Q1-19 Q2-19 Q3-19 Q4-19 Q1-20 Q2-20

[1]Courtesy Coveware

Threats by Variant

Maze 17% ↓
NetWalker 14% ↓
REvil/Sodinokibi 16% ↓
Ryuk 13% ↑
DoppelPaymer 8%
Netfilim 7%
Others 25%
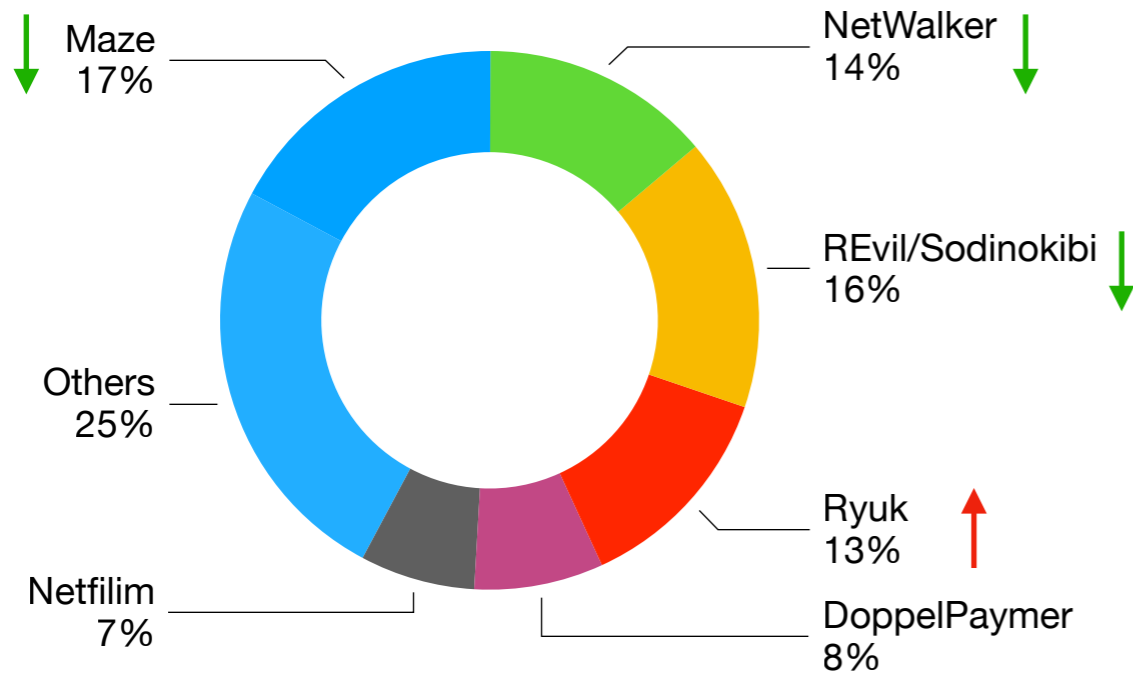
Average Size of Organization

Employee Count — Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct
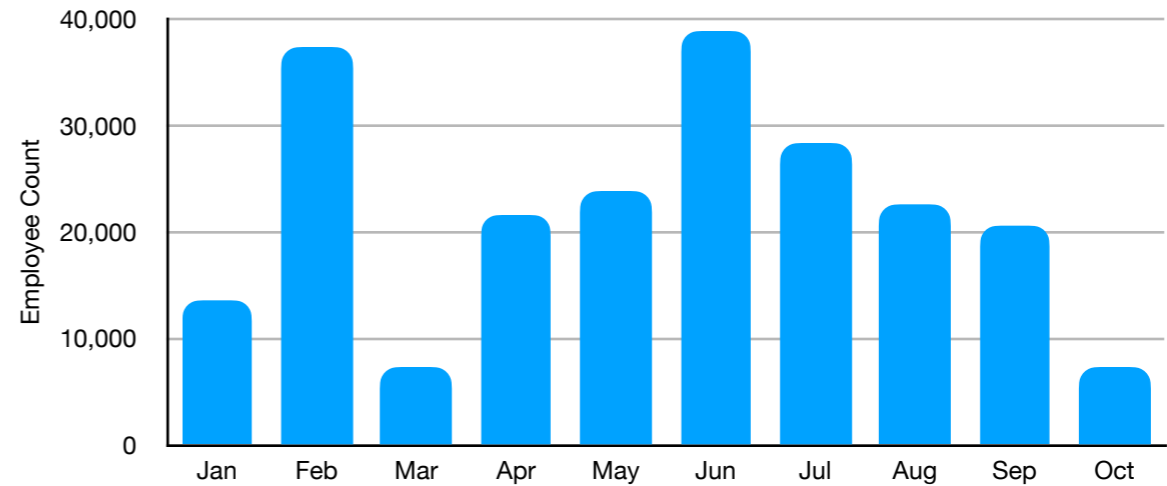
Ransomware Exfiltration Techniques

Illegal Network 67% ↓
Botnet 7% ↑
Dark Web 26% ↑↑
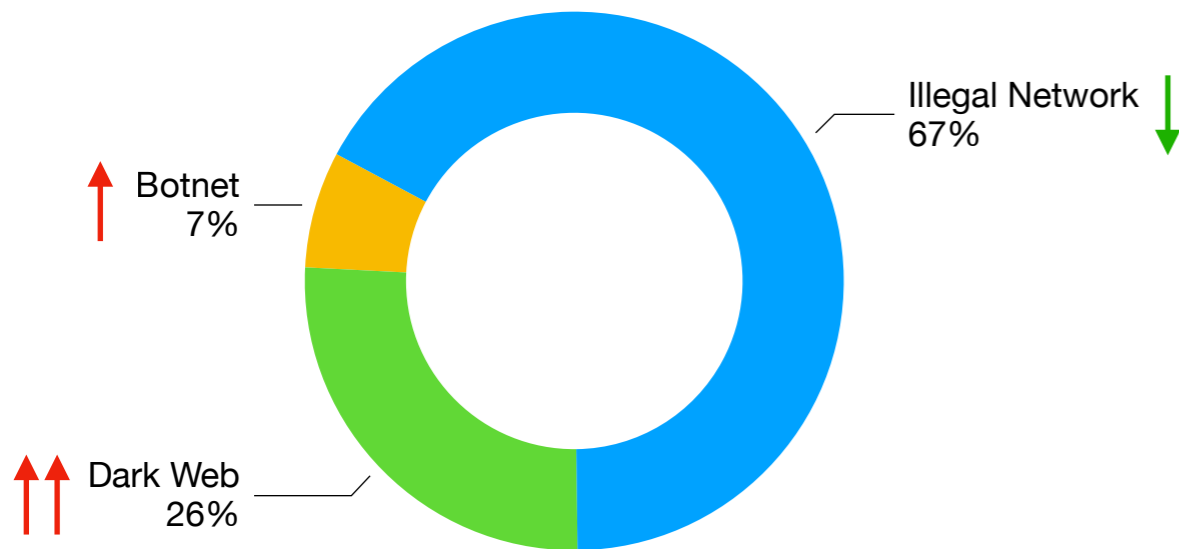
Average ransom demand by strain[2]

$420,000 — Maze
$282,590 — Ryuk
$176,190 — Netwalker
$132,573 — Zepplin
$130,694 — DoppelPaymer
$81,825 — Dharma
$73,920 — Sodinokibi
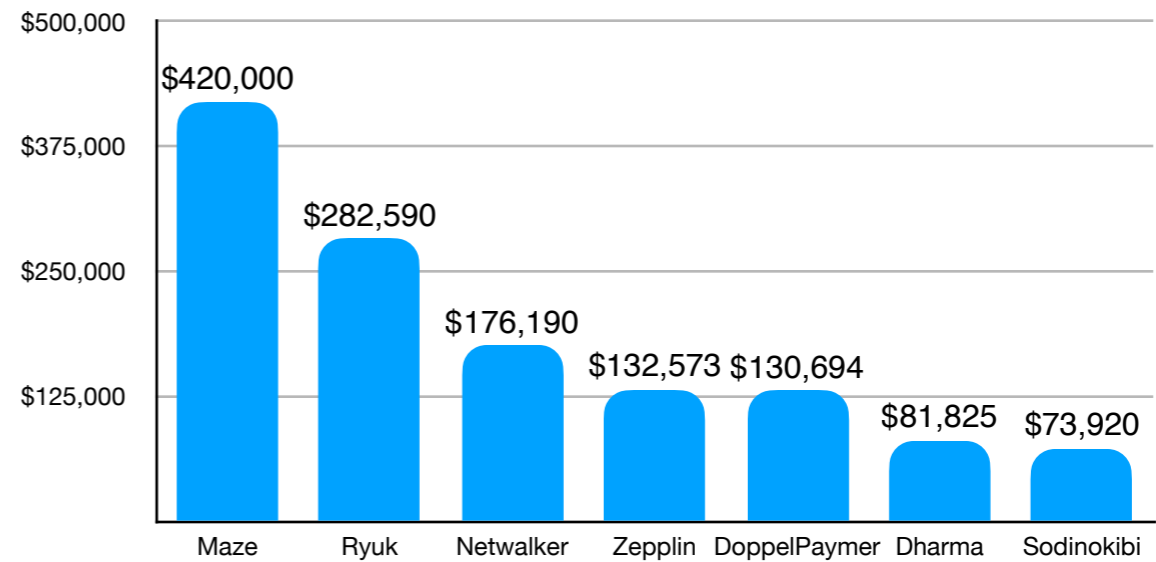
[2]Courtesy Coalition

This report was generated in part from data collected by BlackFog Enterprise over the specified report period. It highlights significant events that prevented or reduced the risk of ransomware or a data breach and provides insights into global trends for benchmarking purposes. This report contains anonymized information about data movement across hundreds of organizations and should be used to assess risk associated with cyber crime.