

The State of Endpoint Security Today

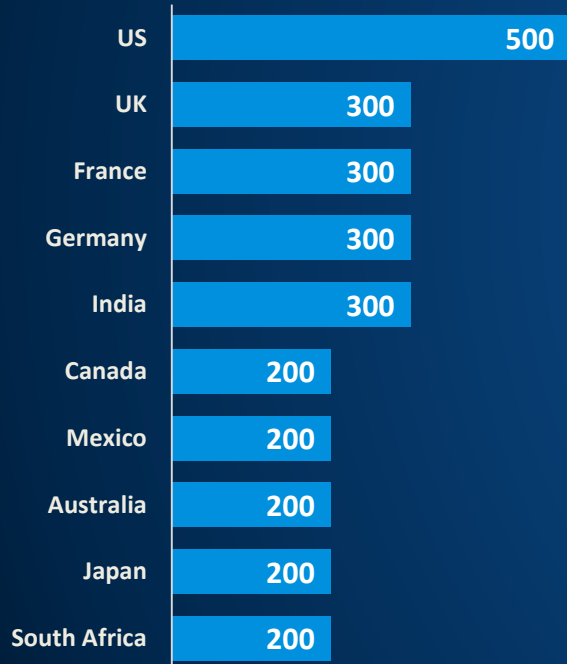
January 2018

SOPHOS

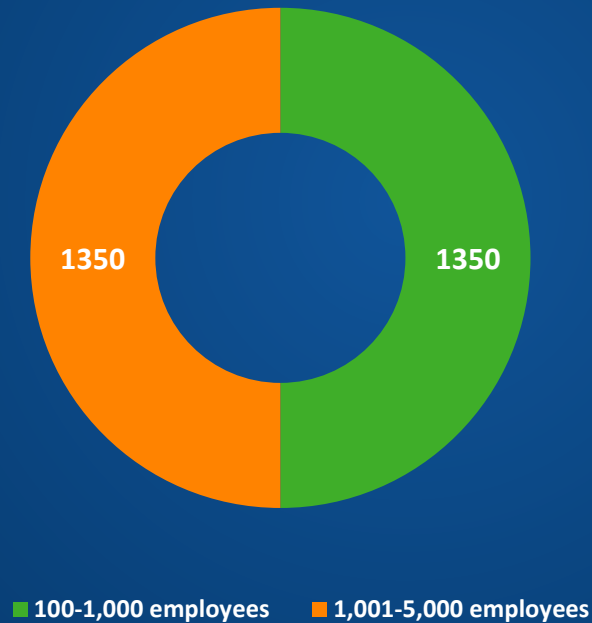
Demographics

2,700 IT decision makers split in the following ways...

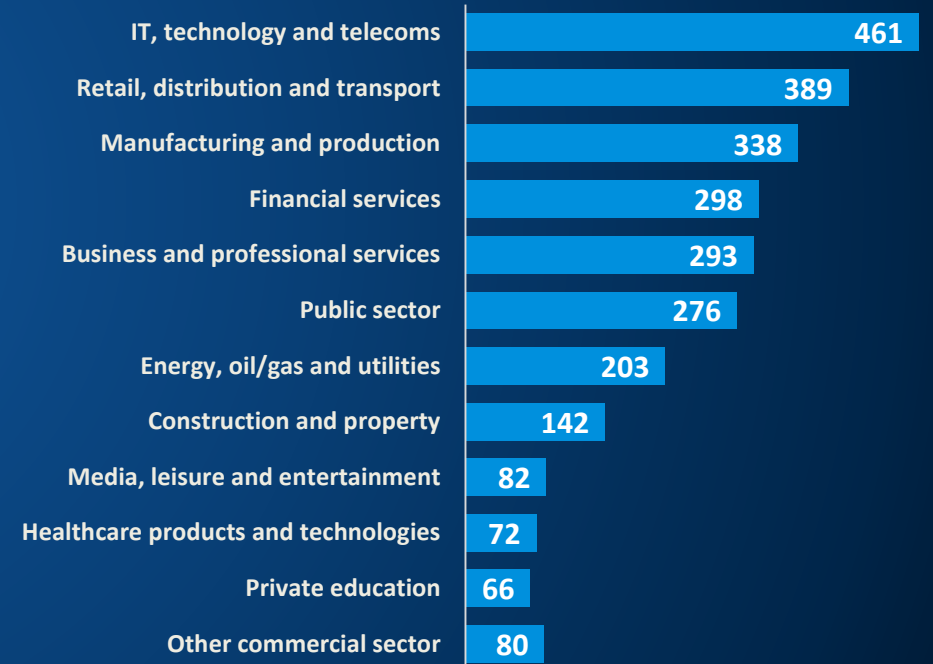
Respondent country



Organization size



Organization sector



Ransomware

Exploits

Executive Summary



Attacks

54% of organizations were hit. Average two hits per organization



Cost

Median impact per organization ≈ US\$133K (£100K)



Target

Healthcare was the top target followed by Energy, Professional Services, Retail



Protections

77% running up-to-date antivirus when hit.
54% do not have anti-ransomware tech



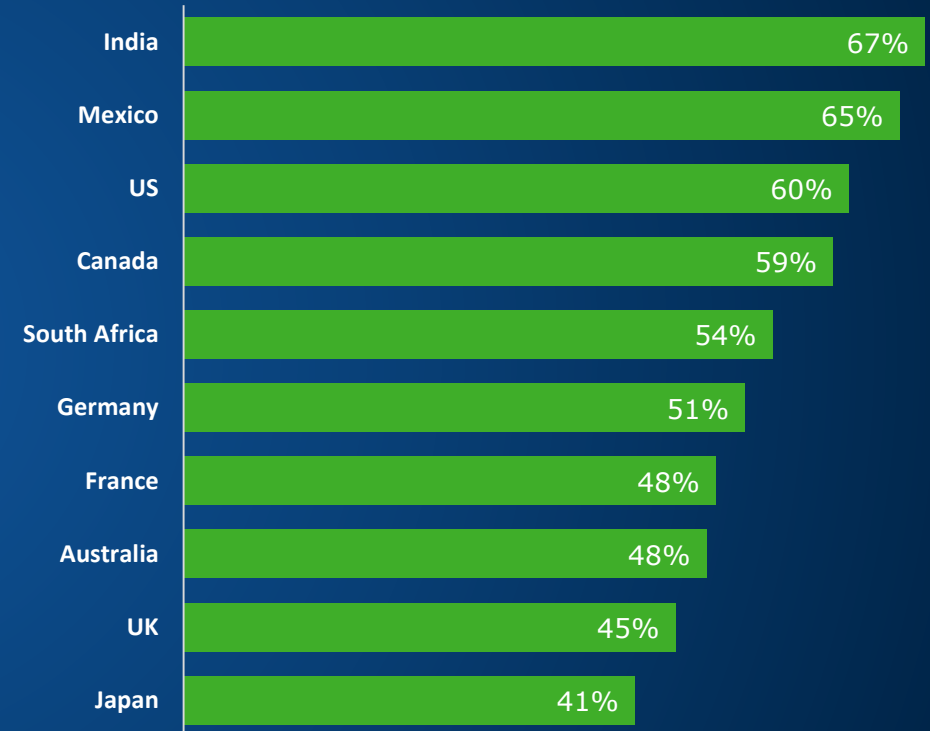
Geography

India was the most-target country, followed by Mexico, U.S., Canada

There are No Safe Havens from Ransomware

- Every country has suffered significant levels of ransomware attacks
- The top targets for ransomware are India, Mexico, U.S., Canada
 - North America and India are attractive targets due to high levels of GDP, English speakers, and internet users
- Japanese organizations are least likely to be hit by ransomware (41%)
 - Language challenges and uniqueness make Japan a less attractive target

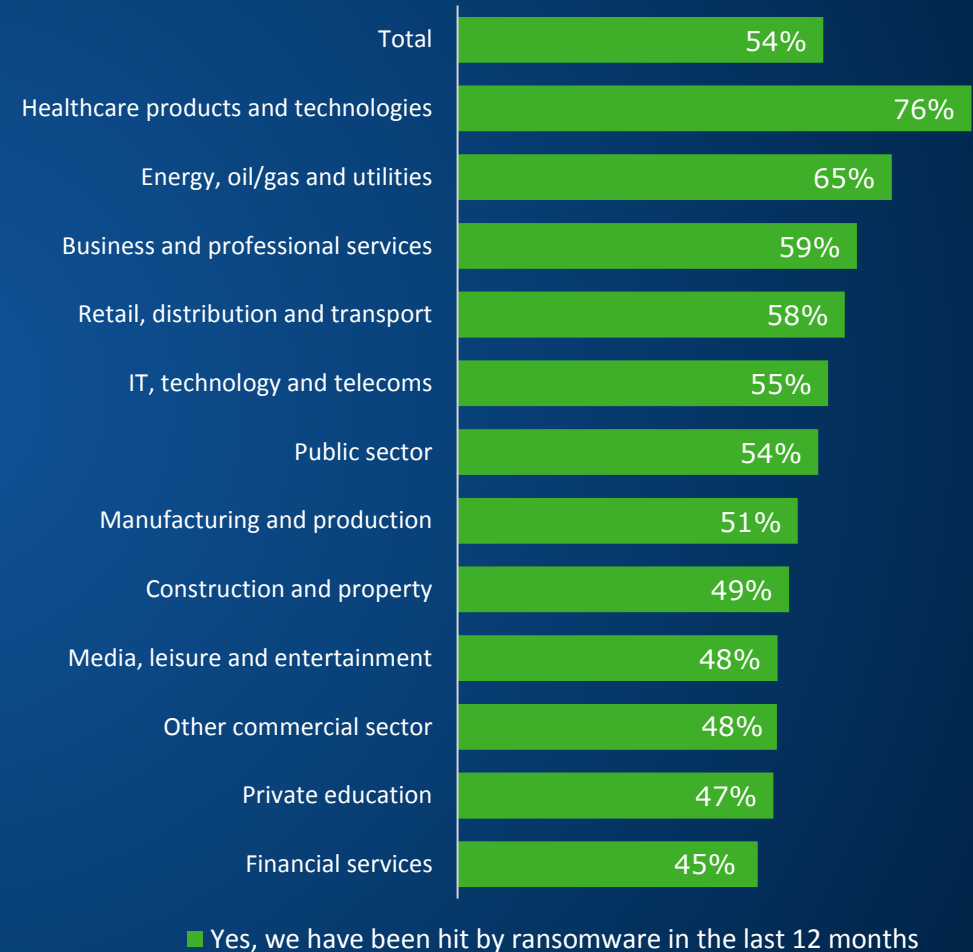
Hit by ransomware, by country



Healthcare is the #1 Victim of Ransomware

- **Healthcare** is the industry most likely to fall victim to a ransomware with (76%) hit in the last year
- **Financial services** are least likely to have suffered a breach – but still over 4 in 10 have fallen victim
- While both sectors holding high value data, reasons for this difference include:
 - Healthcare targeted more than financial services
 - Weaker IT infrastructure perceived as a soft target
 - Perception that victims are more likely to pay
 - Healthcare has weaker IT defenses
 - Aging infrastructure creates security holes
 - Restricted resources impacts use of security technologies

Hit by ransomware, by sector



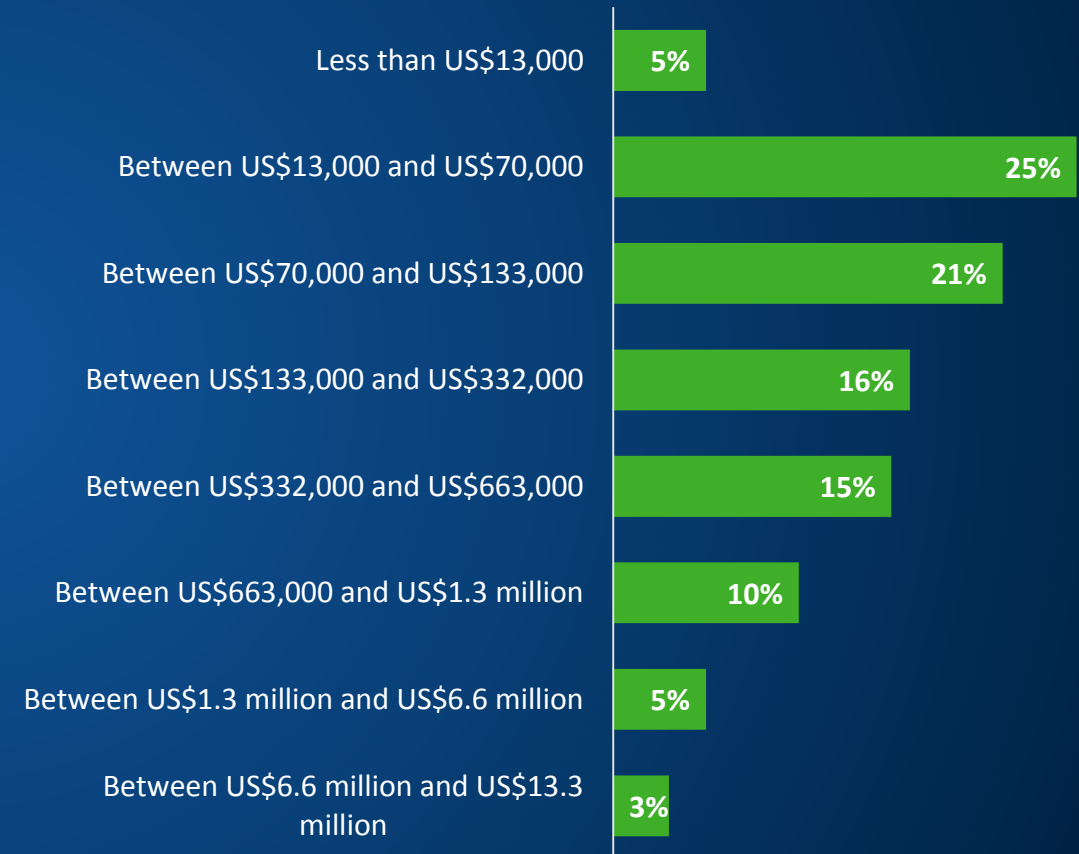
Ransomware Comes with a BIG Bill

US\$133,000

Median cost of a ransomware attack, including downtime, work hours, device cost, network cost, lost opportunities, and ransom payment

- Almost evenly split
 - 51% of businesses reporting cost < US\$133,000
 - 49% of businesses reporting cost > US\$133,000
- The most common cost is between US\$13,000 and US\$70,000
- Nearly half (46%) incurred costs between US\$13,000 and US\$133,000

Estimated total cost of ransomware attack
(converted from local currency)



Ransomware Costs the U.S. More than the GDP of Jamaica

Cost of ransomware
to U.S. businesses

US\$18.6 Billion

(in 100+ user organizations)

GDP of Jamaica

US\$14 Billion

(World Bank)

- Number of 100+ user organizations in USA: 129K (source: US census)
- Percentage hit by ransomware in the last year: 60% (source: U.S. respondents to this survey)
- Average number of ransomware attacks in last year: 2 (source: U.S. respondents to this survey)
- Median cost to rectify a ransomware attack: US\$120K (source: U.S. respondents to this survey)