

# DATA BREACHES

Prevention Is Key:  
Don't Be the Next Victim

## 2,600,968,280

Data Records Compromised in 2017

Data breaches in 2017 were at an all-time high. Find out the facts as well as measures you can take to ensure your organization isn't the next one to suffer a security breach.

### Data Records Were Lost or Stolen at the Following Frequency

In the time it takes you to read this paragraph there have been 220 incidents of data records being lost or stolen.

82  
Every second

4,949  
Every minute

296,914  
Every hour

7,125,940  
Every day

### 3 Most Catastrophic Breaches from 2017\*

(Based on the number of records compromised)

1.34  
Billion

140  
Million

Company A



Identity theft

Company B



Nuisance

190  
Million

Company C



Identity theft

\*Highest number of breaches which occurred in a single company

### Top Three Causes of Data Breaches in 2017



48%  
Malicious attack

27%  
Human error

25%  
System glitch

### Attack Methods

Attackers often use multiple tactics when executing an attack



Leveraging stolen and/or weak passwords



Hacking



Unleashing malware



Social attacks (tricking/baiting employees)



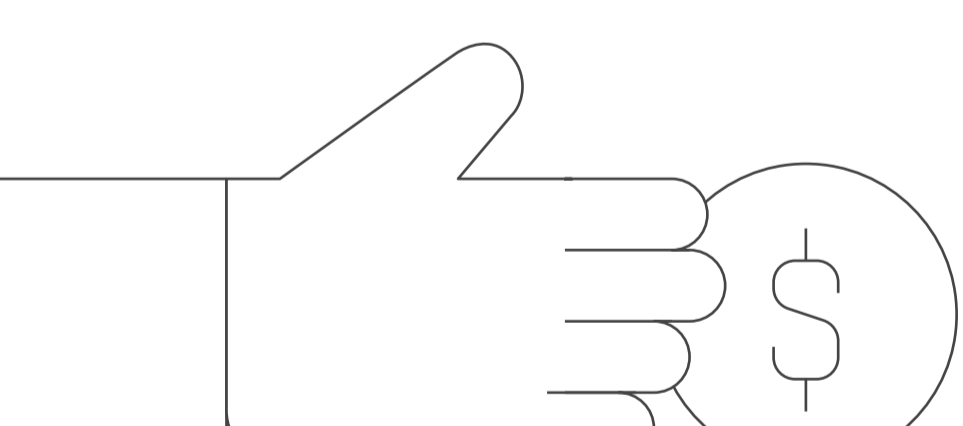
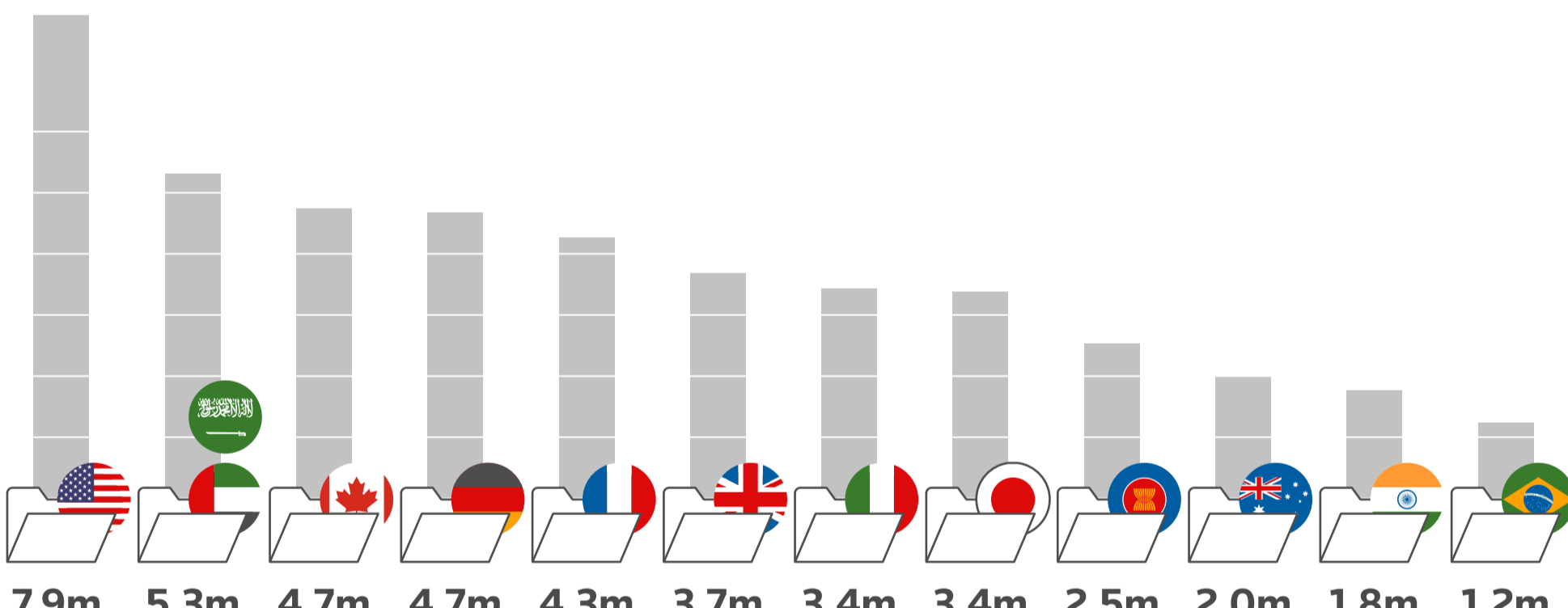
Misusing privileges (intentionally and unintentionally)

### Breaches are Costly

In 2017 the global average cost of each breach was **\$3.86 million**

#### Countries with the highest total average costs (USD/million) per breach

By country or region: per capita cost of a data breach



\$148 (USD)

Is the average cost for each lost or stolen record containing sensitive and confidential information

### Common Weaknesses Your Company May Be Facing

Phishing



1 in 14  
users were tricked into following a link or opening an attachment

Failure to set strong passwords



25%  
of these users continued to be tricked more than once

Outdated defenses



80%  
of breaches leveraged stolen or weak passwords

Always update your defense strategies to beat the attackers' ever-evolving tactics

### Protecting Yourself and Your Company



Employees are on the front lines: train them



Restrict access to information that isn't pertinent to a person's job



Encrypt confidential data



When an issue arises, fix it quickly

Find out how Thomson Reuters Compliance Learning can help train your employees to prevent, recognize and resolve threats and breaches to your organization.

visit [risk.tr.com/compliance-learning](http://risk.tr.com/compliance-learning)

#### SOURCES:

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- [https://databreachcalculator.mybluemix.net/assets/2018\\_Global\\_Cost\\_of\\_a\\_Data\\_Breach\\_Report.pdf](https://databreachcalculator.mybluemix.net/assets/2018_Global_Cost_of_a_Data_Breach_Report.pdf)
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