

Shore up your data breach detection skills

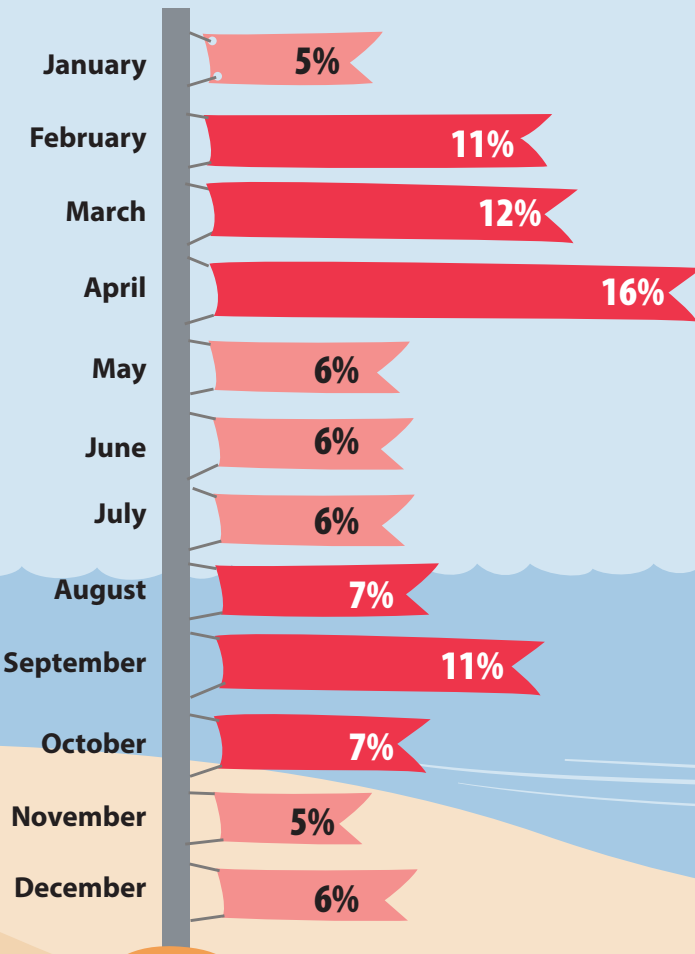
A lapse in cybersecurity can be costly in terms of money, time, and reputation. Swift detection can head off worse problems.

Compiled by Sarah Beckett Ference, CPA

Peaks in reports

When cyber claims are reported by CPA firms (% of total in 2017):

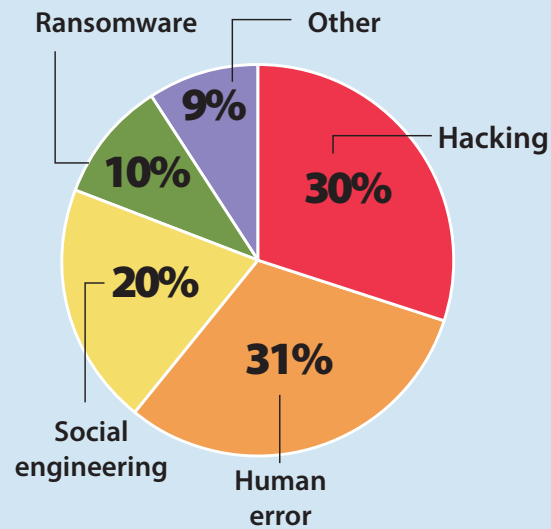
Note the spikes during tax busy seasons (February–April and August–October). These are when data breaches are more commonly detected by CPA firms.



Source: CNA Claim Database, underwritten by Continental Casualty Co. Copyright © 2018. All rights reserved.

Types of attacks

Cyber incident type; CNA Claim Data, 2016–2017:



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Costs in time and money

- 191** Average days to identify a data breach
- 66** Average days to contain a data breach
- \$225** Average cost per record of a data breach in the United States – \$225 per capita

Source: Ponemon Institute Research Report, 2017 Cost of Data Breach Study.

Professionals at risk

- 58%** of victims of data breaches were categorized as small businesses.
- 68%** of breaches took months or longer to discover.
- 60%** of breaches for the Professional Services industry were discovered by an external party.
- The Professional Services industry is the **4th** most common industry to be targeted by social breaches (phishing/pretexting).

Source: Verizon, 2018 Data Breach Investigations Report.

- Top 3 factors that help reduce the cost of a data breach:**
- Having an incident response team.
 - Extensive use of encryption.
 - Employee training.

Source: Ponemon Institute Research Report, 2017 Cost of Data Breach Study.