



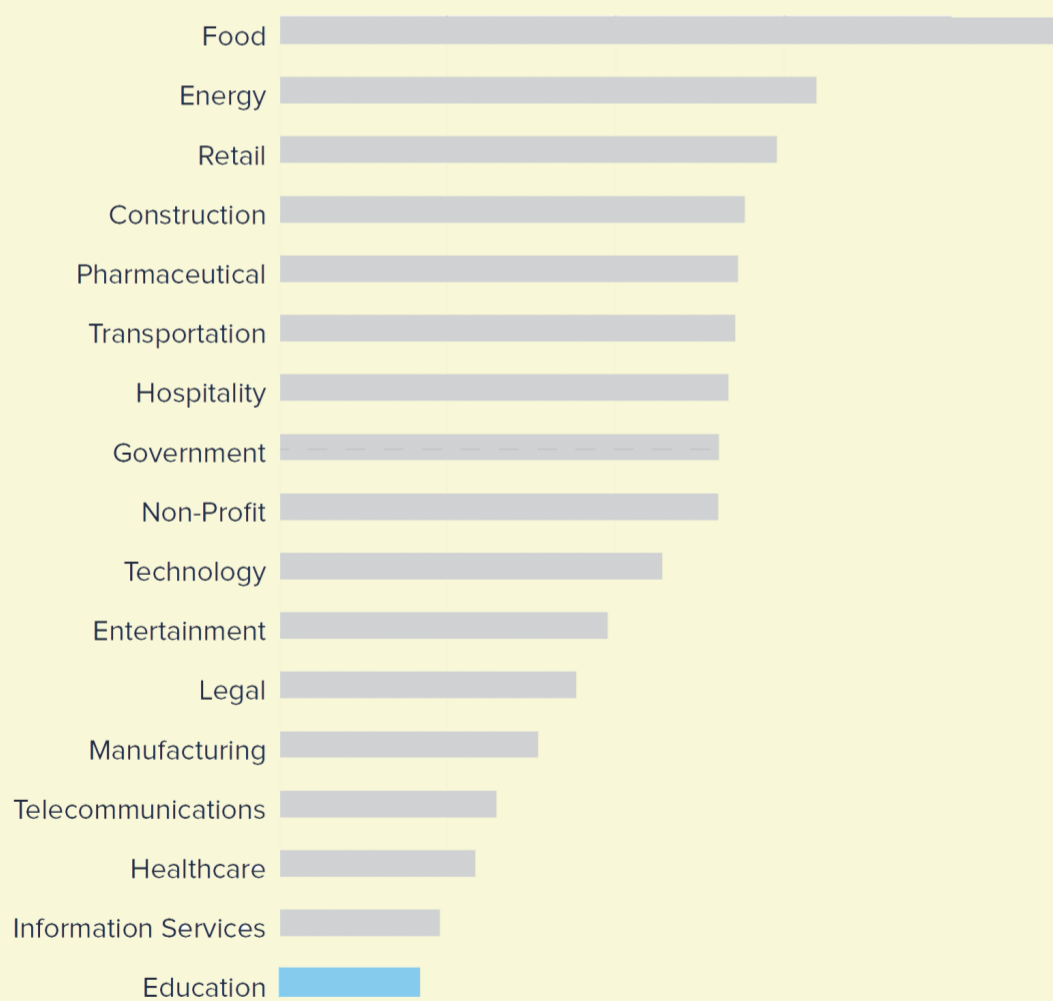
# CYBERSECURITY IN HIGHER EDUCATION



Colleges and universities are becoming the targets of cyberattacks due to the volume of data that they store<sup>1</sup>. **Higher education is one of the top 4 industries that is likely to get hacked<sup>4</sup>.**

## Out of 17 Major Industries

The education industry ranked last in cybersecurity<sup>3</sup>



Security Rating

Top Performers

Bottom Performers

Students are bringing more than one electronic device to campus (laptops, phones, tablets, etc) but these devices are not equally secured. **When these personal devices are connected to the university's network, they pose a vulnerability<sup>3</sup>.** That vulnerability causes student data, employee data, and constituent data to be at risk<sup>1</sup>.

## Cybersecurity Weaknesses

Application Security  
Endpoint Security  
Patching Cadence  
Network Security<sup>3</sup>

**Low budgets** and the **IT staff structure** are creating a poor cybersecurity environment<sup>3</sup>

**22%** Experienced a breach what resulted in operation disruption or loss of data in 2018<sup>2</sup>

As attacks increase and evolve, schools underestimate the importance of monitoring and protect their networks<sup>3</sup>

**46%** Are NOT invested in email security<sup>3</sup>

**76%** Are NOT invested in next-generation firewalls<sup>3</sup>

**79%** Are NOT invested in incident response platforms, and advanced network security analytics<sup>3</sup>

**81%** Are NOT invested in endpoint detection and response<sup>3</sup>



Phishing scams are the most predominate attacks against staff, faculty, and students<sup>3</sup>

**41%** Of cyberattacks or breaches in 2018 were social engineering attacks - most being phishing scams<sup>3</sup>

Sources:

- <https://securityboulevard.com/2019/04/cyberattacks-in-higher-ed/><sup>1</sup>
- CDE Spotlight on Higher Education Cybersecurity<sup>2</sup>
- <https://edscoop.com/education-ranked-worst-at-cybersecurity-out-of-17-major-industries/><sup>3</sup>
- 2018 Education Cybersecurity Report. SecurityScorecard.
- <https://www.cybintolutions.com/industries-likely-to-get-hacked/><sup>4</sup>



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