

# CYBERSECURITY EFFECTS ON U.S. EDUCATION

In 2018, public K-12 education institutions experienced 122 known cybersecurity incidents.<sup>1</sup>

As many as 10 to 20 times more undisclosed breaches could have occurred last year in the education sector.<sup>1</sup>

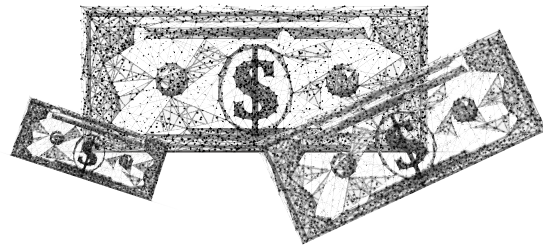
Since 2016, more than 415 incidents have been catalogued.<sup>1</sup>

## PHISHING SCAMS

A fraudulent email tricked an employee into sending the sensitive information of district staff at Olympia School District in WA.

## SIX-FIGURES

Cybersecurity events can cost districts **up to six-figures** to redress.



## MORE THAN ONCE

Mt. Diablo Unified School District in CA experienced more than one cyberattack in 2018.

## DENIAL OF SERVICE ATTACKS

Mt. Zion School District in IL had disrupted access to the district's computer network.

## DATA BREACHES

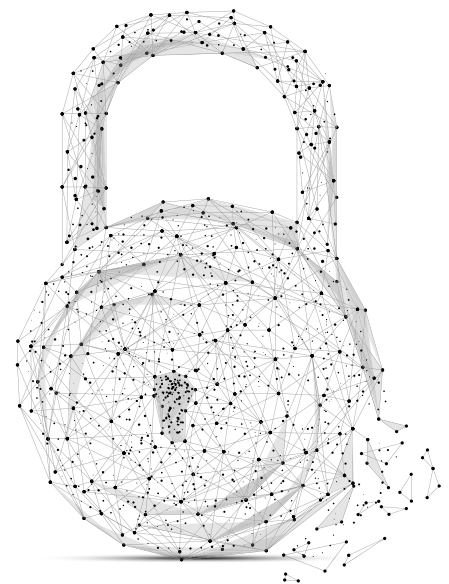
Often caused by human errors in the education sector, as was the case at the Pennsylvania Department of Education.

## HOW OFTEN?

A U.S. school district becomes the victim of a cyberattack nearly **every three days**.<sup>1</sup>

## NONTRADITIONAL

Of the 122 cybersecurity incidents in 2018, Florida Virtual School was one of the few nontraditional schools affected.<sup>1</sup>



<sup>1</sup>Tate, E. (2019, February). Report: A New Cybersecurity Incident Strikes K-12 Schools Nearly Every Three Days. Retrieved May 2019, from <https://www.edsurge.com/news/2019-02-07-report-a-new-cybersecurity-incident-strikes-k-12-schools-nearly-every-three-days>.