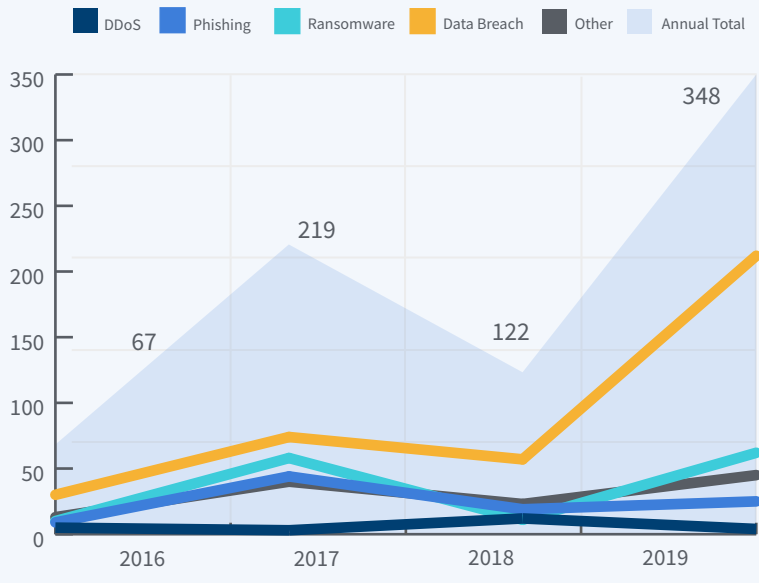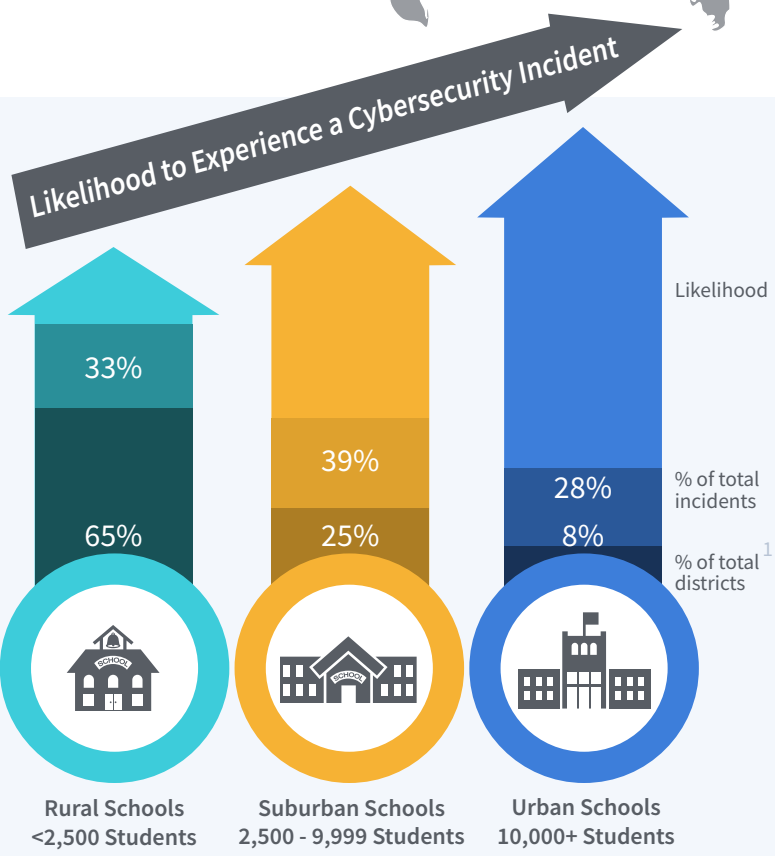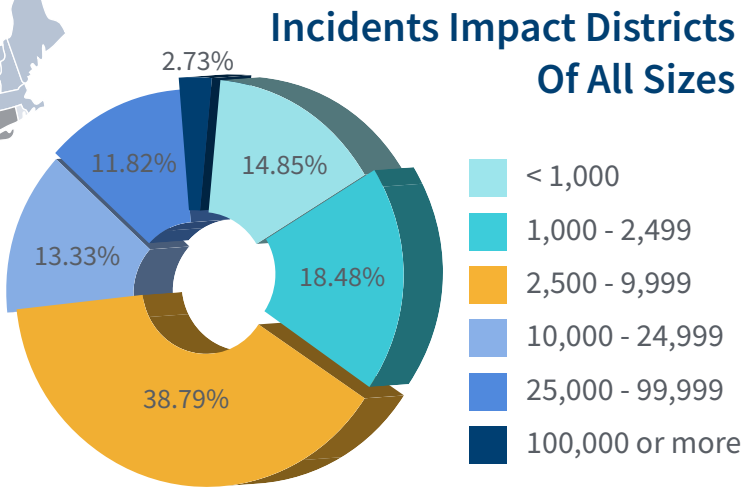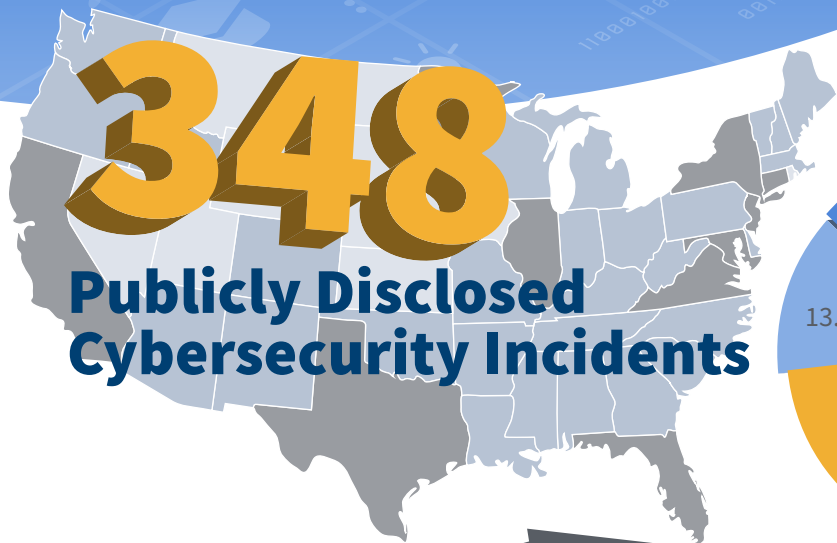# The State of K-12 Cybersecurity
2019 Year in Review

K-12 school districts are adopting technology to improve student experiences and operational efficiencies. At the same time, they are increasingly experiencing cybersecurity incidents that put student, staff, and community outcomes at risk

348
Publicly Disclosed Cybersecurity Incidents

Incidents Impact Districts Of All Sizes

- 2.73%
- 14.85%
- 18.48%
- 38.79%
- 13.33%
- 11.82%

- < 1,000
- 1,000 - 2,499
- 2,500 - 9,999
- 10,000 - 24,999
- 25,000 - 99,999
- 100,000 or more

Likelihood to Experience a Cybersecurity Incident

Likelihood

% of total incidents

% of total districts [1]

	Likelihood	% of total incidents	% of total districts
Rural Schools <2,500 Students	33%	65%	
Suburban Schools 2,500 - 9,999 Students	39%	25%	
Urban Schools 10,000+ Students	28%	8%	

Rural Schools
<2,500 Students

Suburban Schools
2,500 - 9,999 Students

Urban Schools
10,000+ Students

Legend: DDoS, Phishing, Ransomware, Data Breach, Other, Annual Total

67 / 219 / 122 / 348

2016   2017   2018   2019

Year Over Year
K-12 Cybersecurity Incidents

$3.5 Billion
Total Worldwide Cybercrime Losses in 2019[2]

MANAGED Methods

The State of K-12 Cybersecurity

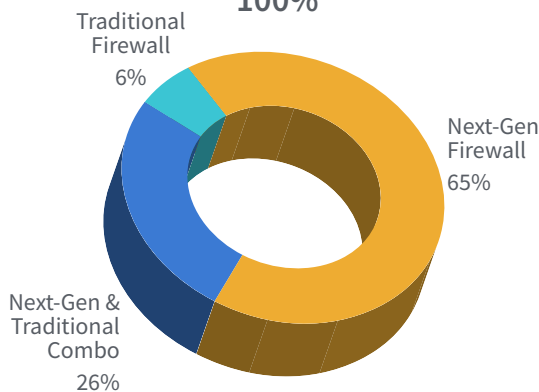## K-12 on the Leading Edge in Cloud Adoption

Google for Education [3]
80 Million+
user accounts
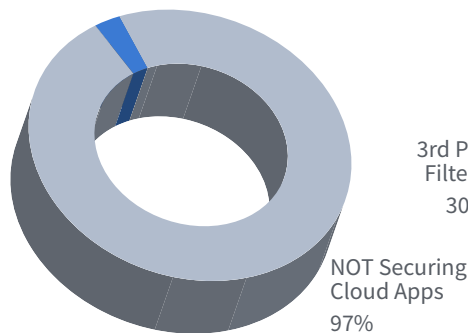
Microsoft Education [4]
100 Million+
user accounts

...Not in Cloud Security...
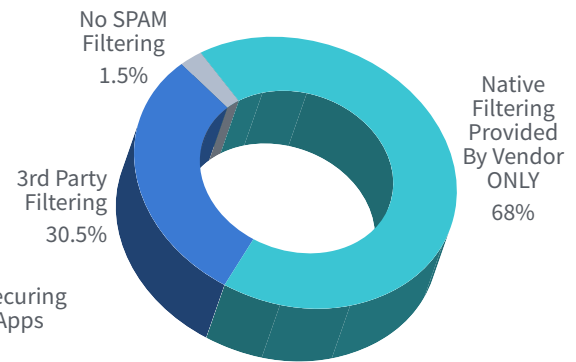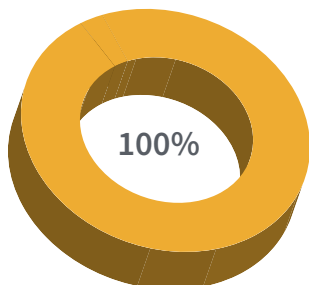
$50 - $475K Annual K-12 Cybersecurity Tech Spend [5]

FIREWALL
100%

Traditional Firewall 6%

Next-Gen Firewall 65%

Next-Gen & Traditional Combo 26%

CLOUD SECURITY
3%

NOT Securing Cloud Apps 97%

SPAM FILTERING
98.5%

No SPAM Filtering 1.5%

3rd Party Filtering 30.5%

Native Filtering Provided By Vendor ONLY 68%

WEB CONTENT FILTERING
100%

ANTI-VIRUS/MALWARE
95%
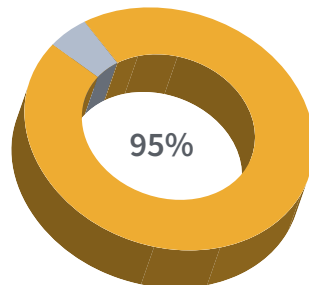
ENCRYPTION-IN-TRANSIT
86%
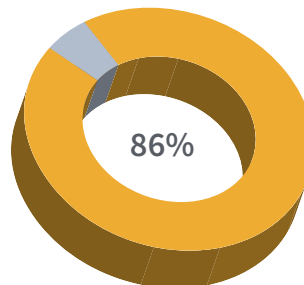
MOBILE DEVICE MGMT
86%
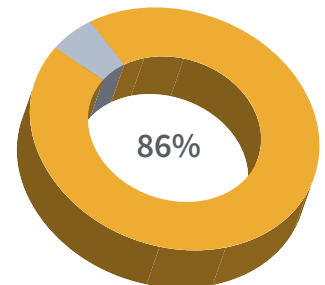
■ Currently Using   ■ Not Currently Using

Managed Methods
www.managedmethods.com