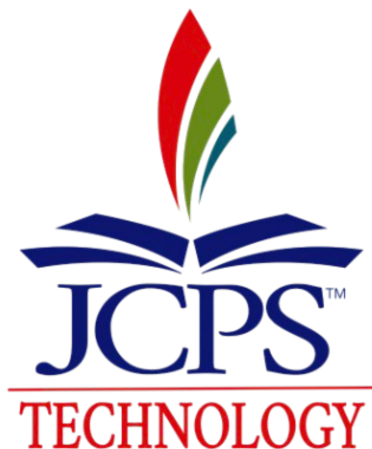


Jefferson County Public Schools

Information Security

August 2026 Update



How does JCPS IT Identify, Mitigate, and Manage Technology Risks?

Risk Management

Continuous Improvement

**Conformance with the KDE Data Security &
Breach Notification Requirements (702 KAR
1:170)**

Balance digital safety, privacy, and security while supporting instruction and daily operations.

Cybersecurity Threat Landscape

- Between July 2023 and December 2024, 82% of reporting K-12 school districts experienced cyber threat impacts (5000 K-12 institutions studied)
- In 2025, US school districts were reported to experience roughly 5 cyber incidents per week on average.
- In 2025, 3.96 million records were reported breached in confirmed education ransomware attacks.
- Cyber Risk is driven by: ransomware, student data breaches, credential theft, unmanaged devices, etc. ([*Khalil, 2026*](#))

Continuing trends:

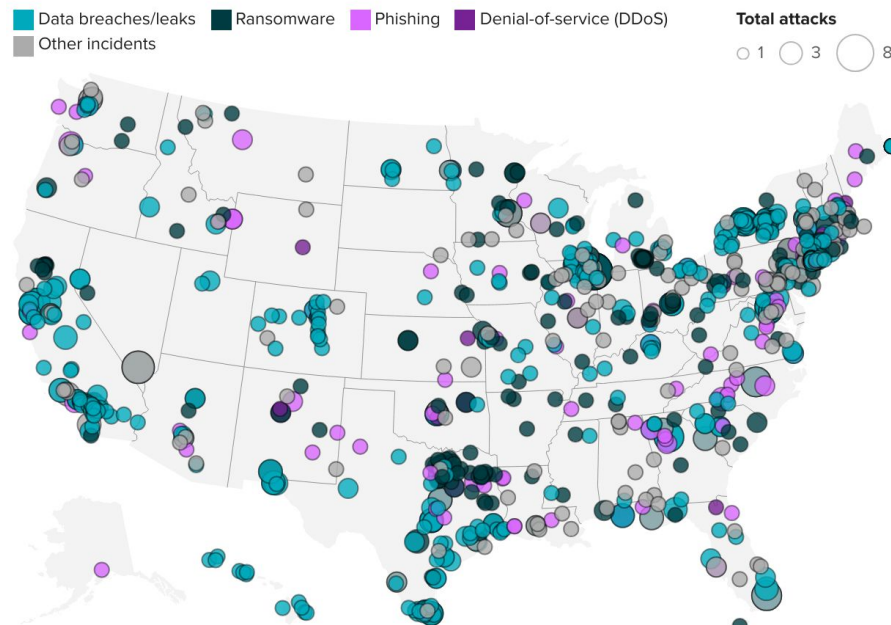
- Increased attack on the human element, targeting critical academic periods, exploiting staff and students' reliance on digital tools



Map of Cyber Incidents against K-12 Districts from 2012 - 2022

Cyberattacks on school districts

Between April 2016 and November 2022, K12Six recorded over 1,600 cyberattacks targeting school districts across the U.S.

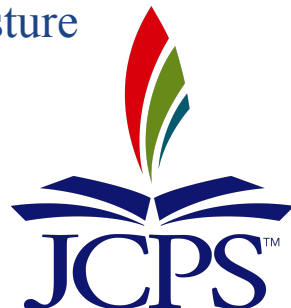


Map: Ari Sen and Taylor Johnston / CBS News • Source: K12Six

1,619 Incidents tracked by K12SIX

IT Risk Management

- We have adopted the National Institute of Standards and Technology Cybersecurity Framework & continue to work for full alignment.
- Third Party Risk Management for all Software & Services
- Risk Register
- Partnering with CISA to improve the district's security posture



IT Risk Management

Continuous Improvement

Highlights

- Awarded funding through FCC Cybersecurity Pilot
- Improved Organizational Structure
- Endpoint Management
- Identity and Access Management
- Logical and Physical Controls
- Augment Information Security Posture
- Increased Focus on the Human Element
- Increased Focus on the NIST Domains
- Independent Assessment
- Continued Education for Cybersecurity Professionals
- Security Awareness Training for all JCPS Employees

