



Technology Department Report

Board of Education Briefing

Prepared by Savio Dias, Director of Technology

Submitted to NWABSD Board of Education Members

Date September 28, 2026

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Artificial Intelligence and FERPA Compliance

Staff received guidance during the Instructional Inservice on how AI should be used responsibly and in compliance with student privacy law under

AI should never replace professional judgment, direct instruction, or meaningful teacher student engagement.

- 1 No entering any student or staff information into AI platforms
- 2 AI should only be used for efficiency and creativity
- 3 Do not trust everything AI tells you
- 4 Overdependency on AI for writing, problem solving, or creative tasks can undermine critical thinking, skill development, and academic integrity
- 5 When in doubt, contact the IT department or the Director of Technology directly

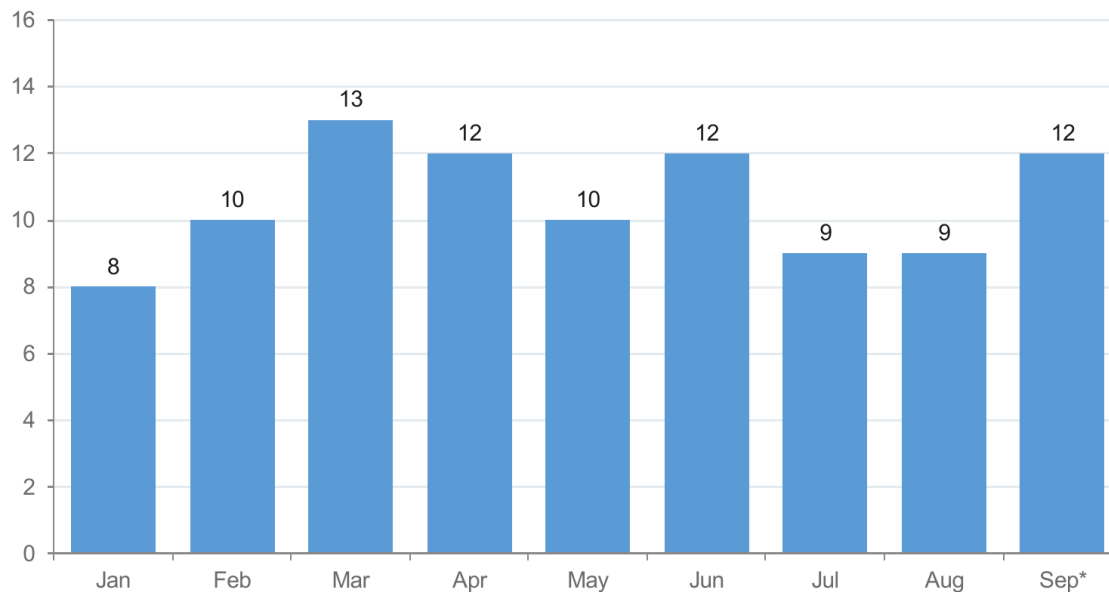


Cybersecurity and Phishing Defense



Monthly phishing simulations run through KnowBe4, with follow up training for staff who click or

Clickers Enrolled in Additional Training (2026)



September figure is through the report date

95

total staff enrolled in remedial training from January through September 2026

Monthly Cadence

Every clicker or responder receives targeted follow up lessons through KnowBe4, keeping remediation continuous rather than reactive.



Camera and Vape Detection System Rollout

Verkada hardware and 10 year licensing purchased and received for all schools, funded through a partnership between the Borough and a generous donation from Teck Alaska.

Ambler Access and training done. Interior mounted. Exterior on hold for snow melt.	ATC Dorm cameras installed.	Buckland Not started.
Deering Not started.	JNES / KMHS Access and training done. Interior mounted including restrooms and the KMHS gym.	Kiana Not started.
Kivalina Access and training done. Eighty five percent of interior and exterior installed. One bus operational.	Kobuk Not started.	Noatak Access and training done. Interior in the entryway and main middle and high school bathrooms.
Noorvik Installation in progress.	Selawik Installation in progress.	Shungnak Not started.

- Not started
- In progress
- Nearly complete



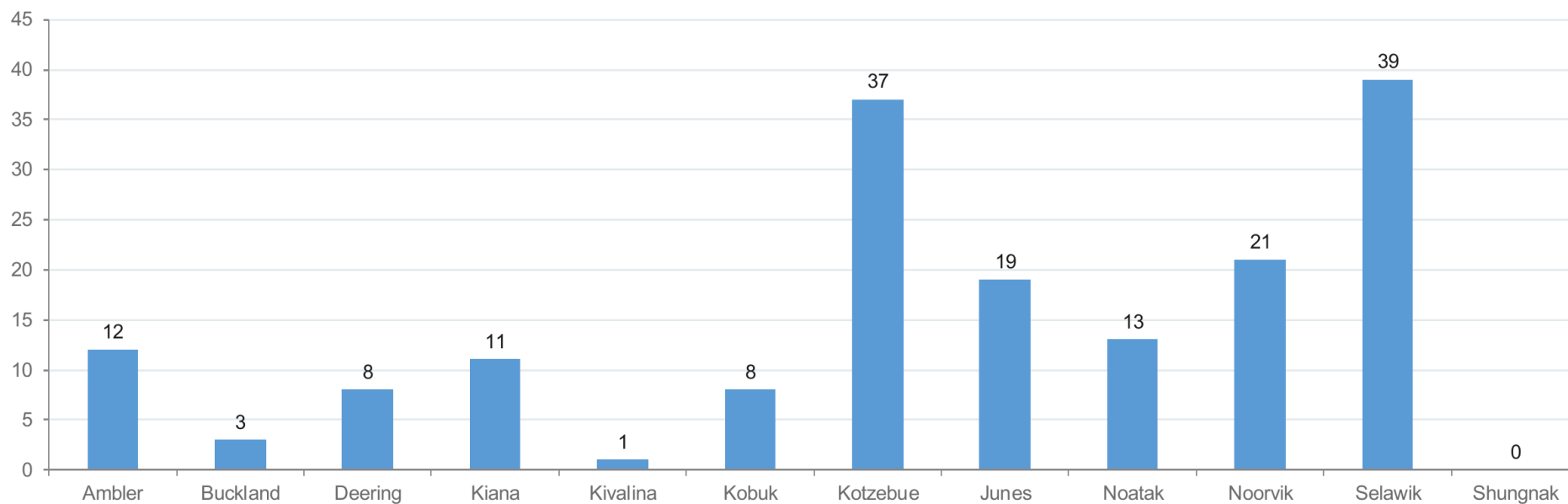
Device Deployment



172

laptops and iPads deployed districtwide

Laptops and iPads imaged and shipped since the last board meeting





Curriculum Systems and Site Support



1 Selawik Site Visit

Visited Selawik during the Inservice week and restored key building systems, including

- Employee timeclock
- Gym microphone and speakers
- School phone system

2 Curriculum Platform Support

Configuration of the new program Amira Learning, and reconfiguration of Amplify for Curriculum, to support instructional staff districtwide.



2027 Grant Funding, Projected



\$12,764,073.75

total projected formula grant funding

Category 1, Internet

\$11,609,460.00

Federal Government

Subsidizes internet cost by 90 percent

Category 2, Hardware and Networking

\$333,433.75

Federal Government

Subsidizes networking hardware cost by 85 percent

State Broadband Assistance Grant

\$821,180.00

State of Alaska

Covers the remaining 10 percent federal match

All three grants fund annually from July 1 through June 30, and benefit all students and staff districtwide.



E Rate Revenue Detail



Category 2, Hardware

- \$333,433.75 budgeted by the E Rate Program
- Requires RFPs and a 15 percent district match
- New funding window from FY26 through FY30
- District has five years to use these funds

Category 1, Internet

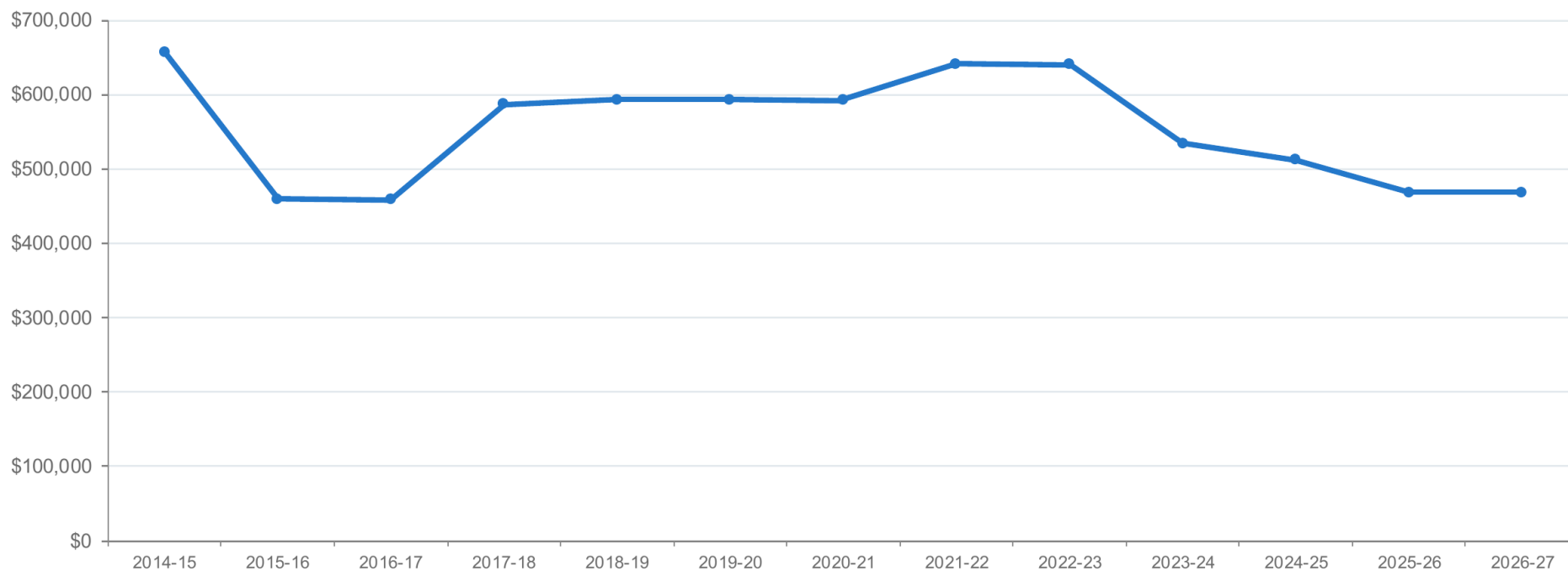
- \$11,609,460.00 in 2026/2027 funding awarded in Wave 1
- District pays a 10 percent match, buffered by the State Broadband Assistance Grant, which was \$821,180.40 for FY26 and is projected the same for FY27
- Total out of pocket cost for 2026/2027 is projected at just 3.6 percent of actual internet costs



Broadband District Cost, 2014 to 2027



E Rate and state grant subsidies have driven the district's out of pocket broadband cost down sharply since the 2021/2022 peak.

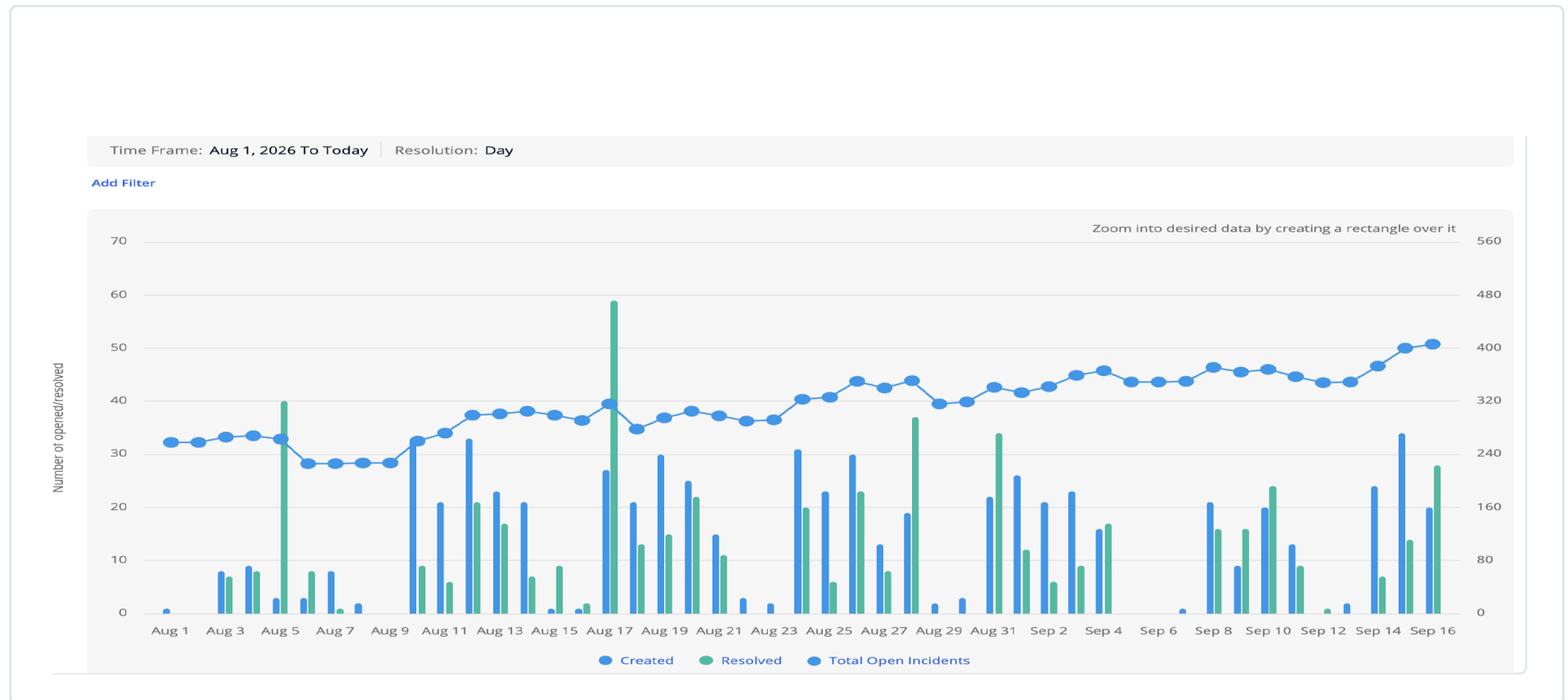




Help Desk Ticket Volume



Ticket activity by day, August 1 through September 16, 2026





Summer Project Highlights



Selected infrastructure and support work completed during the summer

1

Staff Onboarding and Offboarding

AD accounts, Microsoft 365 licensing, device assignment, and MFA enforcement for new hires and transfers.

2

Polycom Camera Installs

Installed video conferencing cameras in the Board room and Terri Walker's office.

3

IT Dashboard

Built a central dashboard aggregating documentation and platform data districtwide.

4

Server Rebuilds

New servers rebuilt in Kivalina and Selawik.

5

ZendTo Upgrade

Updated to the latest version with SAML login for secure staff file transfer at files.nwarctic.org.

6

Forgejo Deployment

Stood up a locally hosted source code and documentation repository at forgejo.nwarctic.org.

Asset resale. Old equipment was cleaned and wiped for resale, with an estimated buyback value of approximately \$83,000.



Technology Assets Shipped to Sites



Totes and boxes of refreshed technology shipped districtwide in August 2026

ABL 6 totes, 1 box 08/03	DRG 5 totes 08/03	IAN 8 totes 08/03	KVL 12 totes 08/03	ORV 19 totes 08/03
WTK 13 totes 08/03	BKC 17 totes, 1 box 08/04	SHG 5 totes 08/04	WLK 19 totes 08/10	OBU 5 totes 07/24

Site codes. ABL Ambler, DRG Deering, IAN Kiana, KVL Kivalina, ORV Noorvik, WTK Kotzebue, BKC Buckland, SHG Shungnak, WLK Selawik, OBU Kobuk.



Questions and Discussion



Savio Dias • Director of Technology • Northwest Arctic Borough School District

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