

Nome Public Schools Director of Technology Report

Jim Shreve
08 September 2026

Current / Completed project

E-Rate Category I (CAT-I) Internet Services: The increased bandwidth is noticeable! A third grade teacher made a report about how Hāpara digital classroom management solution was glitching and not acting at all like it did last year. After observing the situation in the classroom to diagnose the issue, I noticed that the student thumbnails were being updated in the solution in near real time. The program was not glitching at all, it was reporting the way it was always supposed to and our increase in internet speed made it seem like there was a problem. We continue to work with our service provider partners to connect Nome-Beltz High School to fiber optic. I met with representatives of Pacific Dataport and Nome Joint Utilities to discuss and physically walk the route that the fiber will be brought into the school. I also took measurements of the route and provided this information to both entities. We are expecting to have the Beltz Campus connected with fiber by the end of month September. This fiber circuit will provide a level of redundancy in our connections between sites that we have never had with past ISPs.

E-Rate Category II (CAT-II) Network equipment has been arriving throughout the Summer. Mr White and I have replaced all Access Points (APs) in the Elementary, Middle High School, Science Academy, and District Office Building, 78 total. I have replaced the Core Switch in the Main Distribution Frame (MDF) at the high school that arrived 25AUG26 and am awaiting the last 5 switches for replacement of devices in Intermediate Distribution Frame (IDF) switches at Nome Beltz Middle High School. Once these last 5 IDF switches are installed we will complete the entire CAT-II update cycle.

Continue assisting SPED Department with conversion to Embrace program for IEP creation / tracking that is paid for by the State of Alaska. We have loaded all of the base student and staff data to the Embrace platform and have confirmed sync of information between our systems. All SPED Staff in attendance received Embrace training on 13AUG26. The conversion of IEPs and assorted documents from PowerSchool Special Programs to Embrace is scheduled to be completed by mid month September. This will include documents for all active files imported to Embrace and an archive created for all inactive files that currently exist in PowerSchool Special Programs.

Gaggle Webfilter: Please see page 4 for a report on Gaggle Webfilter Allow / Block actions. In August the Gaggle filter blocked 1,929 sites out of over 444,400 total attempts (approx 0.43% of all traffic), most of which were social media, and gaming, this blocking is in direct support of BP6161.4. Continuing to test the Gaggle filter Proxy Auto Configuration Domain Name Service (PAC-DNS) technologies and set up a Guest VLAN to meet the monitoring requirement of BP6161.4 for visiting student traffic. Once these settings are in place we will be able to allow internet access to visiting students this year.

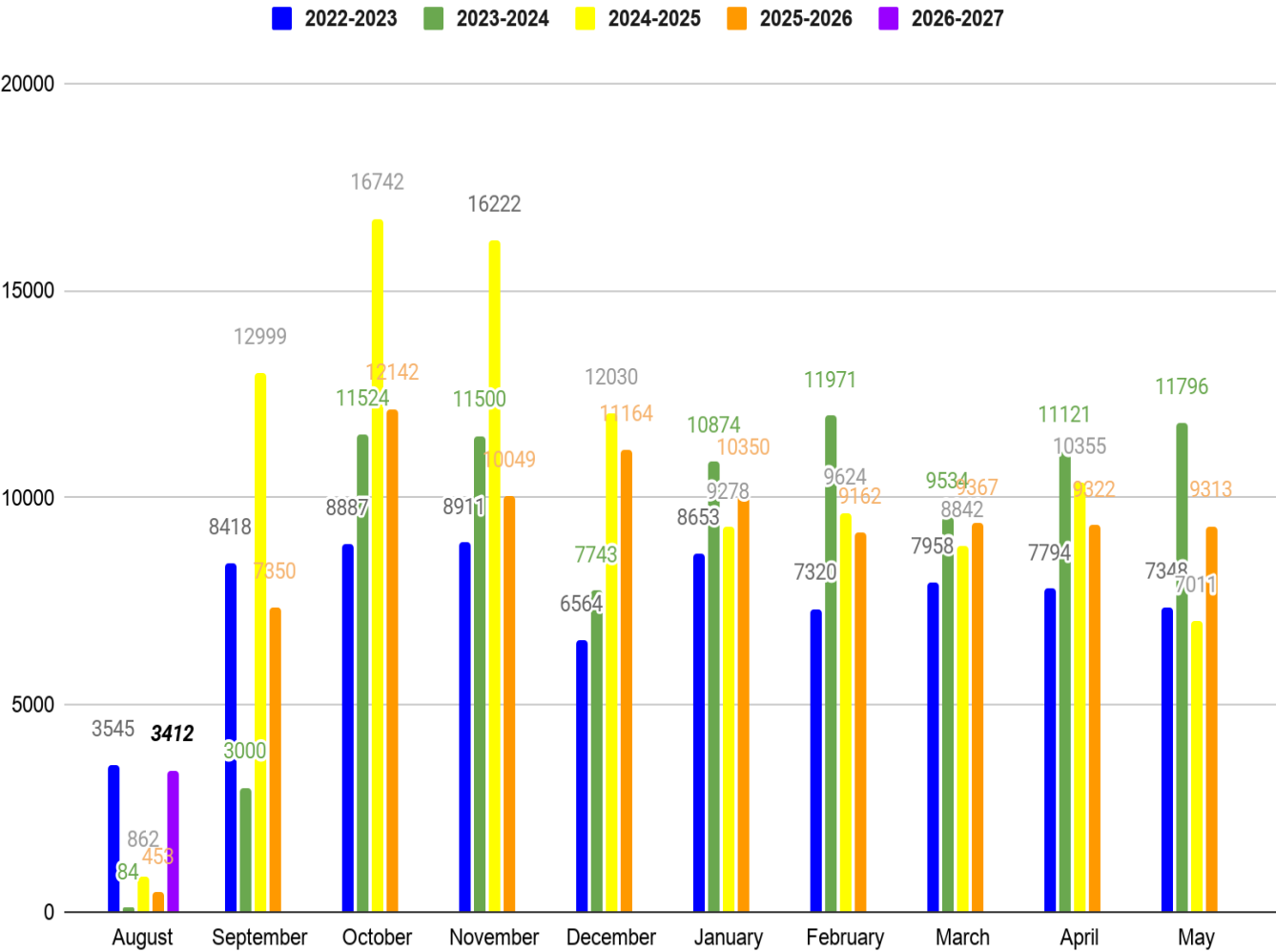
PowerSchool Online Enrollment

As of 31AUG26 SY26-27 New Student forms received are at 88 (42 for Kindergarten) and the SY26-27 Returning Student Enrollment forms completed are 420 of 580 (72.4% complete) for a total of 508 of 672 K-12 Student records (75.6%) submitted through online enrollment. This is approximately 2.5% higher than this time period last SY.

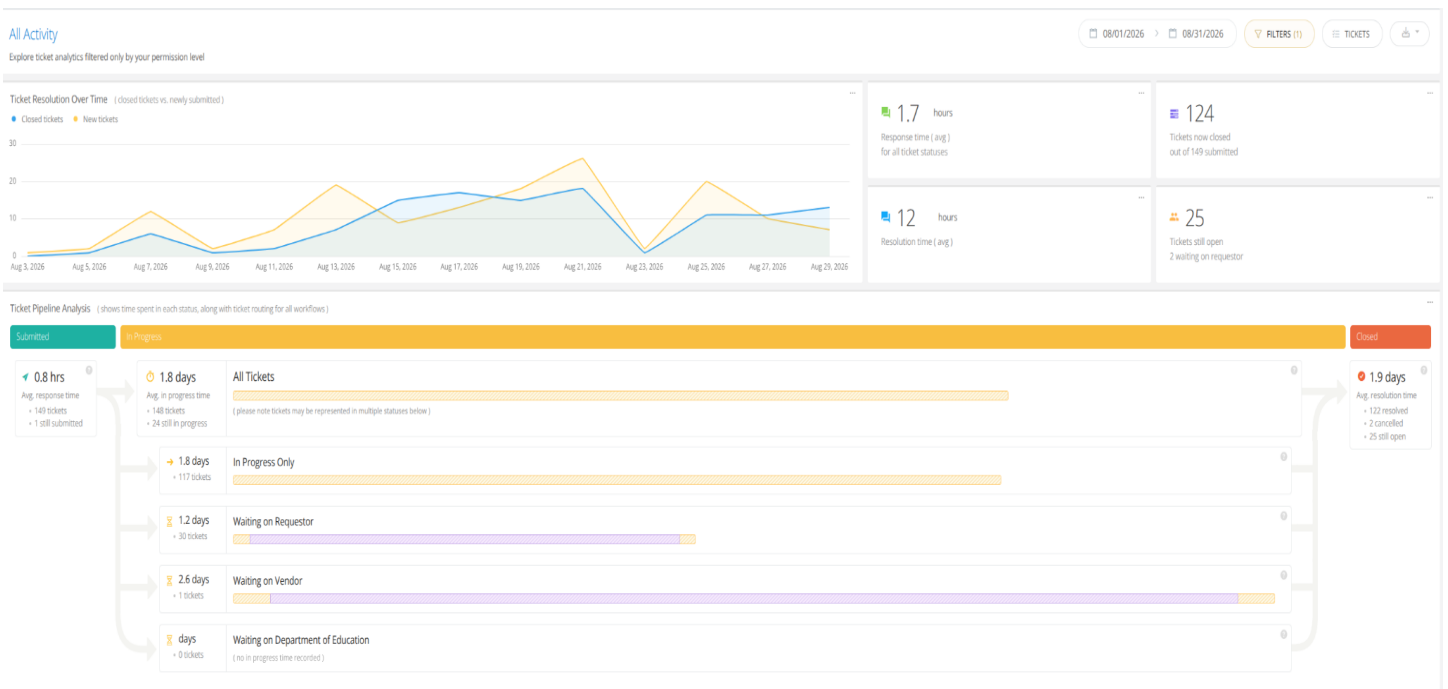
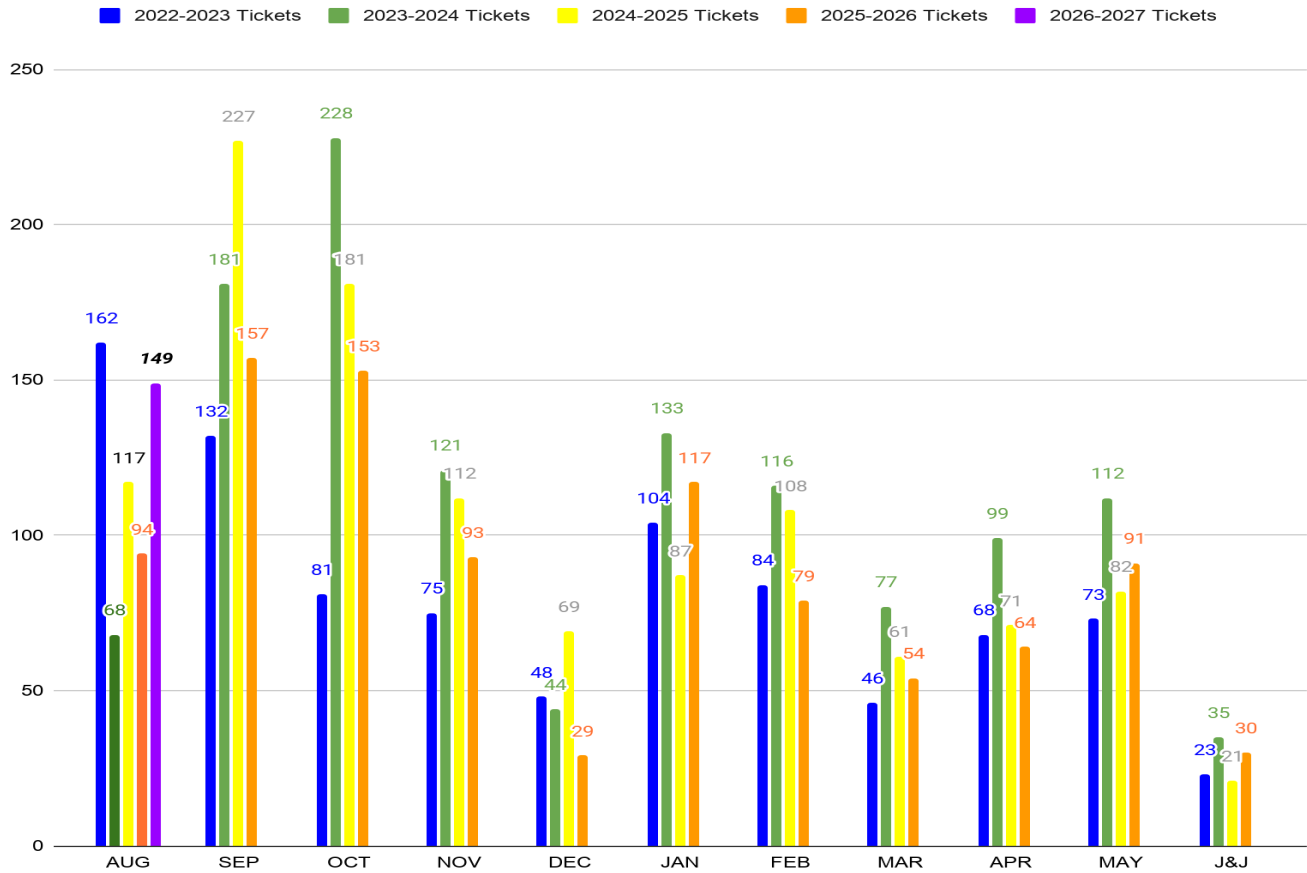
PowerSchool Student Information System Access Data. Percentage of access by Parents or Students for last month



Total Parent and Student PS Access Sessions



Part of the Technology Department's role is to maintain the Technology Web Help Desk for staff to request repairs, training, and troubleshooting. Last month we closed / resolved 124 out of 149 (83.2%) tech requests submitted through the system. Our total average response time for the month was 1.7 hours and average resolution time was 12 hours.



Gaggle Filter Report - 17-31AUG26

Activity Report Overview

Custom Report List

Select date range
8/17/2026 - 8/31/2026

Group
Select a group

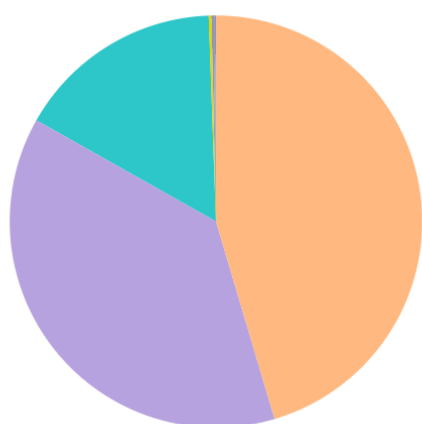
Domain
Select a domain

Stats

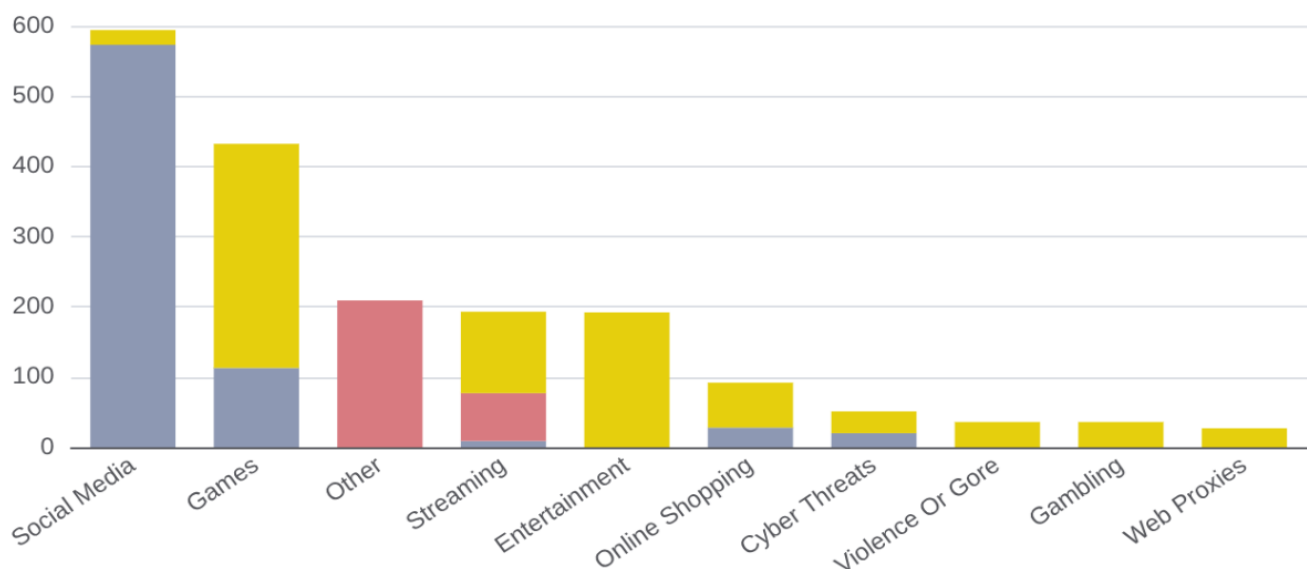
Visits
444.4K

Blocked
1,929

Allowed
442.5K



- Allowed by Custom Rule
- Allowed by Category
- Allowed by RTF
- Allowed
- Blocked by Custom Rule
- Blocked by Category
- Blocked by RTF



- Blocked by Category
- Blocked by Custom Rule
- Blocked by RTF