



Utah Education and Telehealth Network

Utah's network for education and healthcare

The Utah Education and Telehealth Network is a national leader among publicly-supported networks. One of only a few networks that provide internet connectivity for schools, universities, healthcare providers, state libraries and state agencies, it is among the most reliable and cost-efficient in the nation. Between 2021 and 2022, UETN's network traffic increased 26.8% - more than 225 petabytes of data

(imagine 400 years of continuously running 4K HD video). UETN's service model leverages free-market principles as internet providers competitively bid to provide statewide connectivity. It plays a central role in the economic development of Utah's private internet provider market that has ultimately helped Utah to become one of the most internet-connected states in the country.

UETN Services

Network:

- Hosts all internet traffic for K-12, universities, state agencies, state libraries, telehealth clinics and several local governments.
- Over 1,800 network connections via lease agreements with telecom providers statewide.
- For every 30 cents appropriated by the Legislature, UETN leverages 70 cents in federal funds from the Universal Service Fund on behalf of schools, universities, libraries and healthcare providers statewide.
- "Anchor tenant" model drives economies of scale, saving stakeholders over \$13.7M annually in networking costs.
- 24/7x365 network monitoring services include failover redundancy, security and outage monitoring, and professional networking services to local IT staff.

Education:

- Thousands of students utilize virtual learning and video conferencing services daily. This includes classroom video conferencing, Zoom, Webex and other platforms for all educational institutions.
- Statewide software licensing for K-12 and higher education saves Utah an average of \$11M per year. One example is Canvas - the learning management platform used by all public schools and universities.

- Over 5,000 participants each year complete UETN professional development workshops to improve their teaching using educational technology. These include license endorsements and leadership programs for principals – all at no cost to participants.
- Student resources including open-source e-textbooks, Utah's Online Library, software including Adobe and NearPod.
- IT services to the four Regional Education Service Agencies that support rural school districts in Utah.

Telehealth:

- Telehealth services supporting virtual doctor-patient services, electronic records management, care coordination, 3rd party physician support to underserved areas.
- 1 in 8 of all medical claims in Utah are now delivered over telehealth services. Whereas, in 2019, less than 1% of all claims were delivered over telehealth.
- Rural healthcare support by scaling federal funding opportunities in support of local communities with limited internet access.
- UETN is the home of the Northwest Regional Telehealth Resource Center - a cooperative agreement serving seven states (AK, ID, MT, OR, UT, WA, WY) to advance affordable and reliable telehealth services throughout the region.

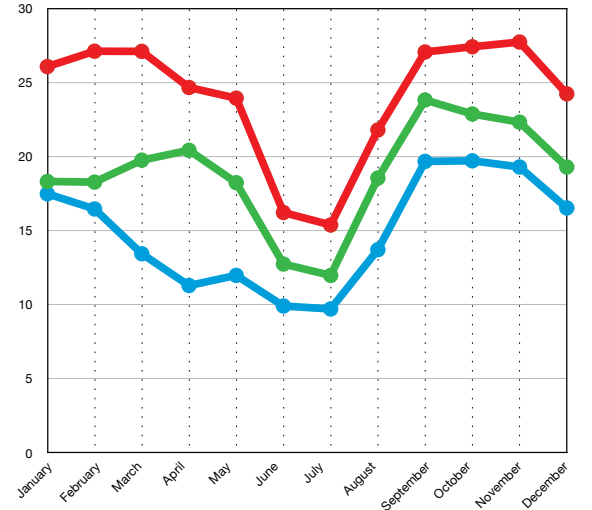
UETN Infrastructure Map

Connecting 1800+ locations throughout Utah

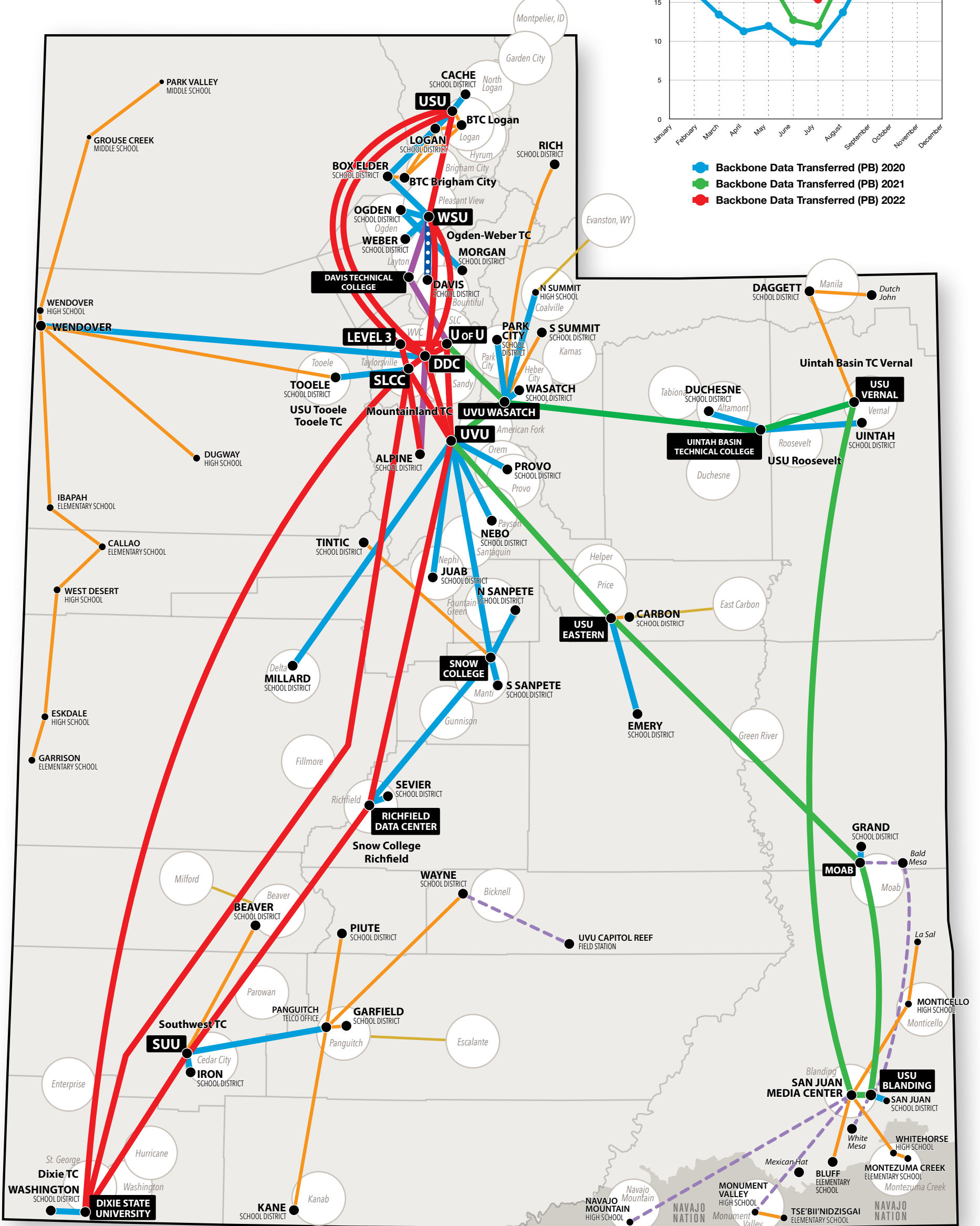
- COMMUNITIES SERVED BY UTAH TELEHEALTH NETWORK (UTN)**
- Name
 - 100 GIGABITS/SECOND BACKBONE
 - 40 GIGABITS/SECOND BACKBONE
 - 20 GIGABITS/SECOND BACKBONE
 - 10 GIGABITS/SECOND BACKBONE

- 10 GIGABITS/SECOND ETHERNET
- 1 GIGABIT/SECOND ETHERNET
- - - 200 MEGABITS/SECOND ETHERNET MICROWAVE
- 10 - 100 MEGABITS/SECOND ETHERNET
- TC** TECHNICAL COLLEGE
- NAME** POINT OF PRESENCE (POP)

Monthly Backbone Traffic (Petabytes)



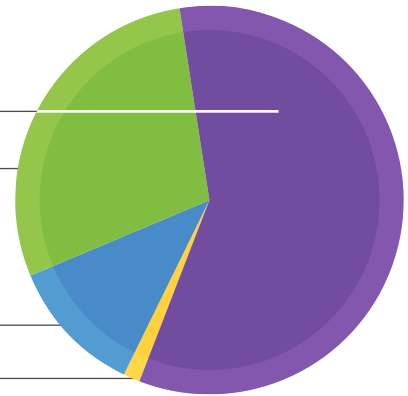
- Backbone Data Transferred (PB) 2020
- Backbone Data Transferred (PB) 2021
- Backbone Data Transferred (PB) 2022



FY22 UETN Financials

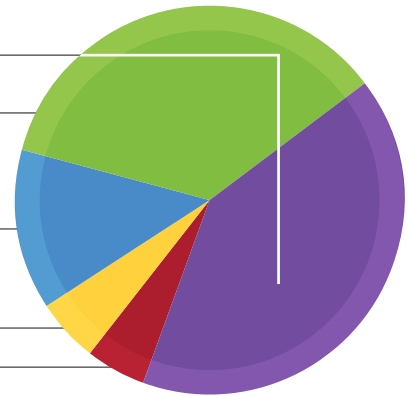
Funding

State Appropriation	27,780,800	58.5 %
Federal E-Rate	13,657,400	28.8 %
KUEN Grants	5,411,400	11.4 %
Other Funding	605,400	1.3 %
Total	\$ 47,455,000	



Expenses

Circuits	19,466,200	41.0 %
Personnel	16,862,700	35.5 %
Software	6,331,700	13.3 %
Equipment	2,491,900	5.3 %
Other	2,302,500	4.9 %
Total	\$ 47,455,000	



UETN Governing Board

Robert Wagner (Chair)
Utah State University
Represents: Higher Education
Term Through: July 1, 2026

Patty Norman (Co-Chair)
Utah State Board of Education
Represents: Public Education
Term Through: July 1, 2024

Christina Baum
Utah Valley University
Represents: Higher Education
Term Through: July 1, 2024

Brittney Cummins
Education Advisor
Represents: Office of the Governor
Term Through: July 1, 2024

Jared Haines
Utah System of Higher Education
Represents: Higher Education
Term Through: July 1, 2026

Stephen Hess
U of U & Utah System of Higher Education
Represents: Higher Education
Term Through: July 1, 2024

Chaundra Johnson
Utah State Library
Represents: State Library
Term Through: July 1, 2026

Taryn Kay
Grand School District
Represents: Public Education
Term Through: July 1, 2026

David Long
Beaver School District
Represents: Public Education
Term Through: July 1, 2026

Kurt R. Loveless
Kane County Hospital
Represents: Utah Telehealth
Term Through: July 1, 2026

Tad Morley
University of Utah Hospital & Clinics
Represents: Utah Telehealth
Term Through: July 1, 2024

Greg Scherer
Davis Technical College
Represents: Higher Education
Term Through: July 1, 2026

Jason Strate
Central Utah Educational Services
Represents: Public Education
Term Through: July 1, 2026

Spencer Jenkins
UETN Executive Director

Learn more about UETN's mission, services and administration here: www.uetn.org