

# Utah Education and Telehealth Network

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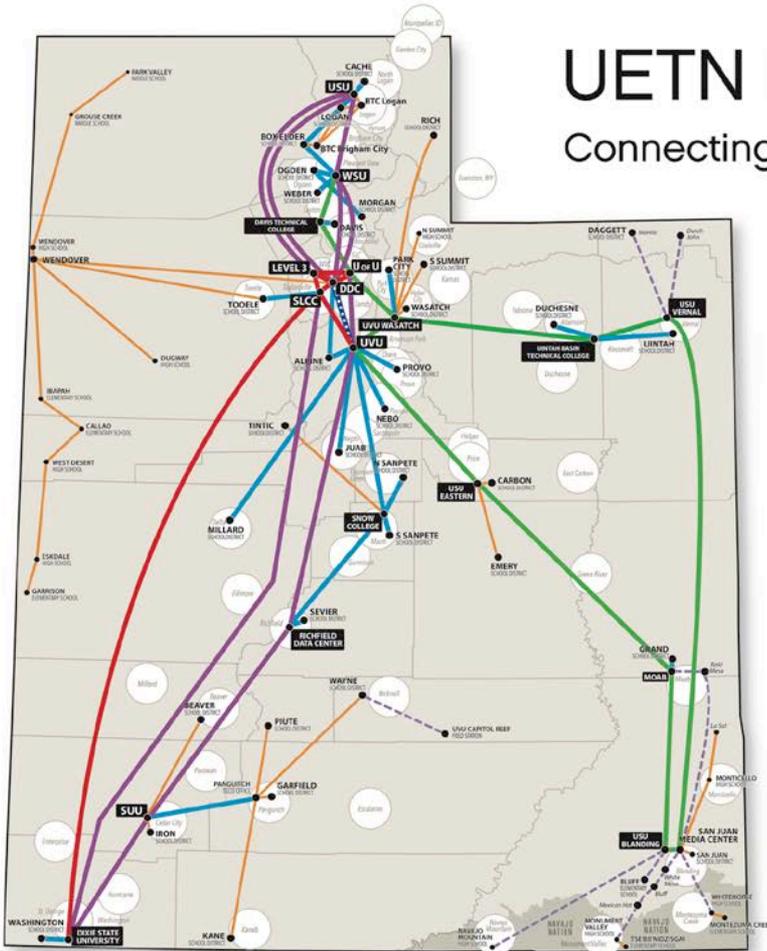
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Utah Education and Telehealth Network

# UETN Infrastructure Map

## Connecting 1600+ locations throughout Utah



- | Name        | COMMUNITIES SERVED BY<br>UTAH TELEHEALTH NETWORK (UTN) |
|-------------|--|
|             | 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                 |
| <b>NAME</b> | POINT OF PRESENCE (POP)                                |



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# 2012

## Overall Bandwidth Utilization

Higher Education

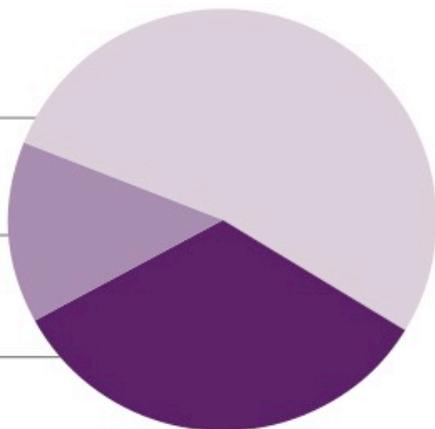
3,987 Mbps 52%

Other Traffic

1,084 Mbps 14%

Public Education

2,554 Mbps 33%



### Total Utilization

**7.625 Gbps**

Mbps = Megabits/second  
Gbps = Gigabits/second

Bandwidth measured by Peak 95th percentile. Margin of error +/- 5%

# 2019

## Overall Bandwidth Utilization

Public Education

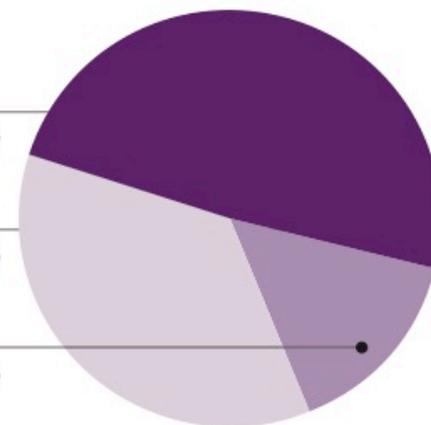
56.16 Gbps 49%

Higher Education

42.22 Gbps 36%

Other Traffic\*

17.12 Gbps 15%



### Total Utilization

**115.5 Gbps**

Gbps = Gigabits/second

Bandwidth measured by peak 95th percentile. UETN NOC 11/19  
\*Libraries, healthcare, State of Utah, etc.

# Questions?

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