

## PROFILE: DUCKWATER SCHOOL



Seventy miles past Ely, Nevada, there is a one-room schoolhouse called Duckwater School. Nestled between farmland and the Indian reservation, the K-8 school appears to be old-fashioned. But on any given day, Duckwater students are taking an online quiz at their desktop computer, school board members are attending a school board meeting via videoconference, and Lyn Huston, the teacher at Duckwater School, is teaching with a document camera that projects a view onto a screen.

"When I started working at Duckwater School I started learning how to draw cartoon characters to help me illustrate words for the students," Huston stated. Today, Huston relies on technology to teach. She recalls a teaching moment when she was trying to convey to her Spanish-speaking students what the word avalanche meant. Huston turned to the Internet and brought up a video of an avalanche. It was an "ah ha" moment for the students, Huston said. "Technology allows my students to have access to the same resources that any other student at any other school has access to."

Most students have access to music classes. Huston's students do, too. The students at Duckwater School have the opportunity to take violin lessons from a teacher who lives in Iowa. The students take the class one to two times per week via Skype.

Not only are Duckwater students taking advantage of the school's technology but the community is, too.

"The community has access to dial-up or satellite Inter-

net while the school has a T1 line," Huston said.

The T1 line allows the school to have a fast connection speed. This speed enables high school students in the community to opt out of traveling 140 miles to the nearest high school building in the district. Students may also choose to attend high school in Eureka County School District by traveling 75 miles - 30 miles of which is over an unpaved, dirt road.

The Nye County School District does not provide bus transportation to Eureka HS at this time due to budget constraints and a low number of high school-aged students. Instead, these students can come to Duckwater School to take high school courses online. "Many of the students who choose to take online courses graduate early and enter the military or take college courses online," Huston said.

"Twenty years ago I dreamed of having this technology," Huston said.

Technology has changed the method by which she teaches and has enhanced the learning experience for her students.

### How Fast is Your Internet Connection?

Let us know about your connectivity speeds. Take a moment to complete the online survey. The Nevada survey password is CAI\_NV\_6549.

**To take the survey click here**



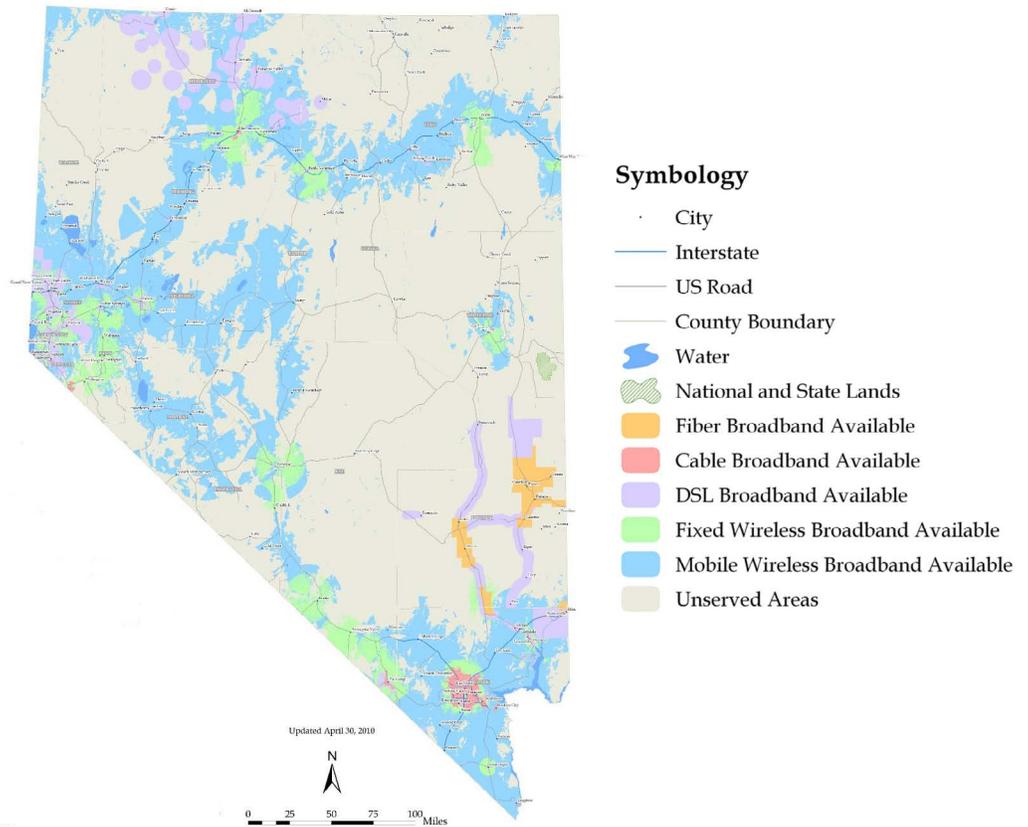
## Broadband Maps

In February the U.S. Department of Commerce, National Telecommunications and Information Administration (NTIA) released an interactive [National Broadband Map](#).

The National Broadband Map is a tool to search, analyze, and map broadband availability across the United States. It is created and maintained by the [NTIA](#), in collaboration with the [FCC](#), and in partnership with 50 states, five territories, and the District of Columbia.

This map showcases data received from these states and territories, including data from the Connect Nevada initiative and shows service provider coverage areas. This allows the user to generate coverage maps of a particular service provider, by speed tier and technology. Already, Connect Nevada has produced a variety of interactive (BroadbandStat) and static maps for Nevada. [\(More\)](#)

### NEVADA BROADBAND SERVICE INVENTORY



## Broadband and Business: Leveraging Technology to Stimulate Economic Growth

Because broadband is an engine that accelerates commerce, Connected Nation has studied how businesses are using broadband technology.

To generate this assessment, Connected Nation has surveyed 9,650 businesses in 11 states and Puerto Rico. [\(More\)](#)

## The Broadband Readiness Index: Cliffnotes to the National Broadband Map

At the recent Telecommunications Industry Association's Inside the Network conference in Dallas, Connected Nation released the Broadband Readiness Index, a new tool that translates the vast, multi-layers of data in the National Map ... [\(More\)](#)

### About:



[www.connectnv.org](http://www.connectnv.org)

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Connect Nevada is a subsidiary of Connected Nation and operates as a non-profit in the state of Nevada. Connect Nevada is working with the Office of the Governor, the Nevada Broadband Task Force, and all broadband providers in the state to create detailed maps of broadband coverage in order to accurately pinpoint remaining gaps in broadband availability. Connect Nevada will continue to develop and update the broadband data as it is collected and the services that can be made available to public and private entities as well as citizens. If you have any questions regarding the Connect Nevada initiative, please contact us.

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