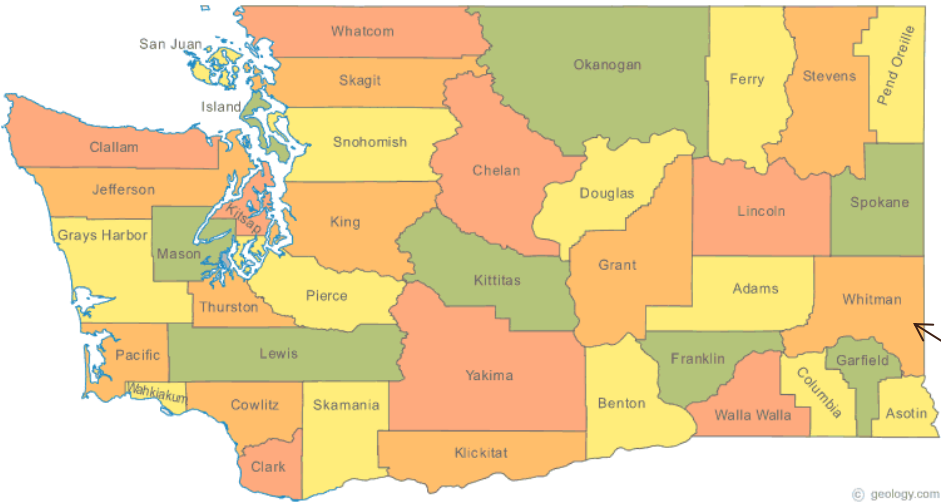


# Broadband Research, Real Work & Results in Rural Washington

Rural Telecommunications Congress  
Austin, Texas  
April 16, 2015



# Washington State University (WSU)



# History of WSU Program for Digital Initiatives

**From 1989 to Present**



***From Traditional Telecommuting to All Things Digital***

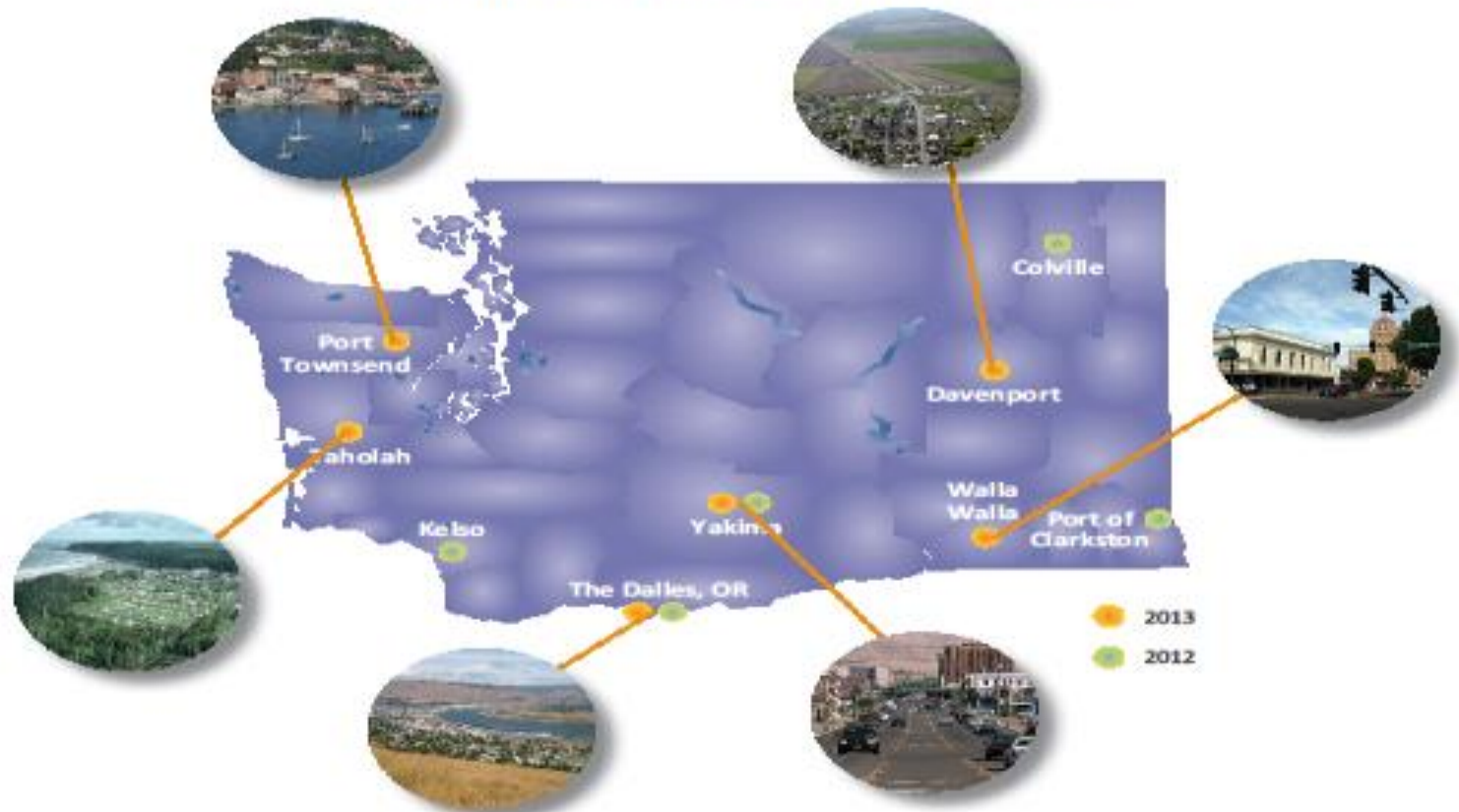
# Work Beyond the Big Cities: WSU Began with Research

- ***Rural Telework Project***  
USDA Fund for Rural America, 2000-03
- ***Olympic Coastal Region: Power of Connections***  
State & Local Economic Development Funds, 2004
- ***Rural e-Work Program***  
US EDA, 2004-06



# Washington State Broadband Office Local Technology Planning Teams (LTPT)

Locations of Local Technology Planning Teams



# WSU Program for Digital Initiatives LTPT Project Approach

1. **Invited** to work with a community or region
2. Form a **team**
3. Identify **focus areas** to increasing broadband
4. Customize **work plan** based on local needs
5. **Leverage** research/resources
6. Build **local** capacity
7. **Share** results



# Colville LTPT Gadget Garage



# Colville LTPT Tech Expo





# Lincoln County LTPT Inventory, Assess & Evaluate



# West Olympic Peninsula LTPT Tech Teams

- **Three tribes** presented broadband status reports and business cases to a group of resource providers. (2014)
- **Results to-date:** Build out to a school, one USDA CC app submitted and two state planning grants awarded.



# Klickitat-Skamania LTPT 1 & 2 Impacts

- **\$4M** direct support & **\$687,000** match
- **100** miles of fiber installed
- **426** community & **80** business survey responses
- **16** community broadband forums – **208** attendees
- **52** publicly available WiFi hotspots IDed
- **12** community & **9** business trainings
- **1** mobile training lab with **6** laptops



# Headline: No More ARRA Funds WA State Broadband Office Closes

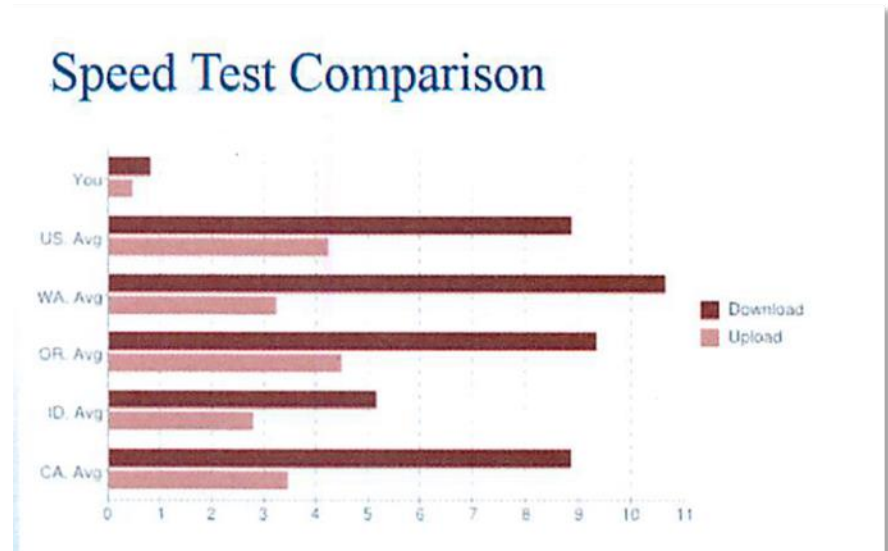
*Are we there yet?*



## ***searching for service?***

The best places to find a cell signal on Sun Mountain Lodge grounds are right out in front by the flagpoles, on the lawns in front of the Gardner building, or up on the hill by the wind-swept pine tree next to the tennis courts. Our nearest tower is on McClure Mountain, about 10 miles down valley. You can see it by looking down over Patterson Lake to the south.

**Sun Mountain—Award Winning Resort**



**WSBO Speed Test—Neah Bay**

# WA Rural Pathways to Prosperity

**Broadband** availability and a WSU Extension developed **Distributed Conference Model** enables a unique statewide conference to support entrepreneurs.

2015 Rural Pathways to Prosperity Sites



RURAL  
PATHWAYS  
to Prosperity  
Conference

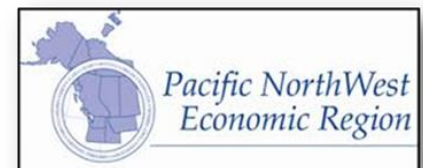


*Small business is everybody's business!*

# First Responders Network Authority



A nationwide, wireless  
broadband, 4G/LTE  
data network  
*dedicated*  
to public safety



# Tribal Efforts



# Still Lots of Work to be Done!

A word cloud of terms related to digital technology and public services. The words are arranged in a roughly rectangular shape, with some oriented vertically. The colors of the words include yellow-green, light blue, and white. The terms include:

- Efficiency
- e-Government
- Culture
- Entertainment
- Language
- First Responders
- BROADBAND
- Jobs
- Distance Learning
- Education
- Connectedness
- Communication
- Public Safety
- Internet
- Economic Development
- Telehealth



# For More Information

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**WASHINGTON STATE  
UNIVERSITY**

**EXTENSION**