Connect Wyoming Broadband Mapping Program: Grant Application Map
Housekeeping

Before we get started:

• Please put yourself on mute.

• This webinar is being recorded; we will share the recording and slide deck with all registrants after the webinar.

• Please add your questions in the chat box and we will answer them during the Q&A session at the end.

• To get in touch, write us at either:
  • Broadbandoffice@wyo.gov or WyomingISPCoordinator@lightboxre.com
Agenda

1. Thank You!
2. Reminders
3. Program Timeline
4. Map Review / Demo
5. Map Training Guide
6. Support
7. Q&A
Thank You!

- ISP data submissions (CSV, GIS)
Reminders

• The Wyoming Business Council and LightBox will be releasing the public and grant application/challenge maps on March 31, 2023.

• The maps will be accessible via a web link posted on the Wyoming Business Council Connect Wyoming web page at Connect Wyoming - Wyoming Business Council.

• The Wyoming Grant Application/Challenge Map will be restricted to those Internet Service Providers who provided data to LightBox and others that qualify to apply for funding.

• The Wyoming Broadband Map (public map) will be available to all members of the public.

• Credentials for the Wyoming Grant Application/Challenge Tool (map) will be emailed to respondents by LightBox.
# Program Timeline

<table>
<thead>
<tr>
<th>PHASE</th>
<th>NOTES</th>
<th>DATES</th>
</tr>
</thead>
<tbody>
<tr>
<td>DATA SUBMISSION</td>
<td>Provide coverage info submitted to the FCC</td>
<td>11/30/22 – MIDNIGHT 12/16/22</td>
</tr>
<tr>
<td></td>
<td>*** HOLIDAY BREAK ***</td>
<td></td>
</tr>
<tr>
<td>PROCESS DATA</td>
<td>LightBox matches coverage info to our fabric; Broadband coverage</td>
<td>12/17/22 – 1/2/23</td>
</tr>
<tr>
<td></td>
<td>maps go live</td>
<td></td>
</tr>
<tr>
<td>MAP CHALLENGE</td>
<td>ISPs submit challenges to the map</td>
<td>1/1/23 - 3/31/23</td>
</tr>
<tr>
<td>APPLICATION PERIOD</td>
<td>ISPs submit applications for proposed broadband projects</td>
<td>4/7/23 – 4/14/23 *</td>
</tr>
<tr>
<td>APPLICATION CHALLENGE</td>
<td>ISPs submit challenges to the application areas</td>
<td>5/3/23 – 6/2/23 *</td>
</tr>
<tr>
<td>AWARDS</td>
<td>Business Council awards projects</td>
<td>7/3/23 - 7/17/23 *</td>
</tr>
<tr>
<td></td>
<td>** Dates are subject to changes. Actual timelines will be communicated via Connect Wyoming - Wyoming Business Council**</td>
<td>8/16/23 *</td>
</tr>
</tbody>
</table>
Map Review
Map Review - Map Description

- **Legend**
  - Locations
  - **Locations**
    - Served
    - Underserved
    - Unserved
  - FCC USAC
    - Served
    - Underserved
    - Unserved
  - USDA ReConnect Loan and Grant Program
    - Served
Map Review – Map Description

• Description

Text

Description

The map portrays broadband statistics for the State of Wyoming. Summary statistics are available via several boundary layers such as (but not limited to) county, tribal lands, house districts, etc. Please note that some layers will need to be turned on as they are off by default.

Zoom in until county boundaries appear and click on the map to see relevant statistics. The pop up box could have more than one page – use the arrows to click through to additional statistics.

Zoom in still further to see Served / Unserved / Underserved Locations on the map.
Map Review – Map Description

- Serviceability

As per advertised maxspeed values (Mbps down/up):

- “Served” = locations where maxspeed >= 100/20 Mbps down/up
- “Underserved” = locations where maxspeed >= 25/3 - <100/20
- “Unserved” = locations where maxspeed < 25/3

NOTES

- Serviceability determination excludes unlicensed fixed wireless and satellite consistent with NTIA definition of reliable broadband.
- Reliable broadband means broadband service that the Broadband DATA Maps show is accessible to a location via fiber-optic technology; Cable Modem/ Hybrid fiber-coaxial technology; digital subscriber line technology; or terrestrial fixed wireless technology utilizing entirely licensed spectrum or using a hybrid of licensed and unlicensed spectrum.
- Locations that are served by satellite or purely unlicensed spectrum will also be considered unserved.
Map Review – Address Search

- Address
- Counties
- Tribal Lands
- House Districts
- Senate Districts
Map Review - Statistics

- Select a boundary = See Statistics
  - County
  - Tribal Lands
  - House District
  - Senate District

### Fremont County

- Served Locations: 9,504
- Underserved Locations: 662
- Unserved Locations: 7,324
- Total Locations: 17,490
- Eligible for Funding %: 45.66%
- FIPS Code: 56013
- Download Link: [Download All County Locations](#)
Map Review – Download Data (#1)

• Download All County Locations link

• All locations found within a unique County boundary in a CSV file

Fremont County

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Map Review – Download Data (#2)

- Select Eligible Locations icon
- Choose locations from the map
- Download results in a CSV file
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# Map Review – CSV export (#1)

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
<th>I</th>
<th>J</th>
<th>K</th>
<th>L</th>
<th>M</th>
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<th>O</th>
<th>P</th>
<th>Q</th>
<th>R</th>
<th>T</th>
<th>U</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>OBJECTID</td>
<td>Full Addr Serviceab</td>
<td>Version ID</td>
<td>Address Li Address</td>
<td>Unit</td>
<td>City</td>
<td>State</td>
<td>Zipcode</td>
<td>County</td>
<td>Classification</td>
<td>Assessors Address</td>
<td>T Communi</td>
<td>Federal Gr Federal Gr Longitude Latitude</td>
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<td>42.8481</td>
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<tr>
<td>2</td>
<td>4562</td>
<td>328 W YEL Served</td>
<td>2022Q4</td>
<td>06000R5R 328 W YEL Served</td>
<td>CASPER</td>
<td>WY</td>
<td>82601-24N</td>
<td>Natrona</td>
<td>Business Commercial/Office/Residential (mixed use)</td>
<td>-106.33</td>
<td>42.8481</td>
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<tr>
<td>3</td>
<td>4563</td>
<td>316 W YEL Served</td>
<td>2022Q4</td>
<td>060500BYJ 316 W YEL Served</td>
<td>CASPER</td>
<td>WY</td>
<td>82601-24N</td>
<td>Natrona</td>
<td>Business Commercial/Office/Residential (mixed use)</td>
<td>-106.33</td>
<td>42.8481</td>
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<td>4</td>
<td>8567</td>
<td>414 S ELM Served</td>
<td>2022Q4</td>
<td>06018U7K 414 S ELM # A</td>
<td>CASPER</td>
<td>WY</td>
<td>82601-26N</td>
<td>Natrona</td>
<td>Business Warehouse (Industrial)</td>
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</tbody>
</table>

- **Selected record attribution**
  - Address
  - Unit
  - Land Use
  - Funding
  - Coordinates
Map Review – CSV export (#2)

- **Selected record attribution** – Example challenge fields:
  - Provider Name
  - Bizres code
  - BSL flag
  - Technology
  - Speed
Map Review – Print Map

- Print Map

Print

Map title: Wyoming Broadband Map
Layout: A3 Portrait
Format: PDF

Advanced  Print
Map Review – Print Map

- Print Map Output
Map Review – Credentials

• The Wyoming Business Council Grant Application/Challenge Maps is credentialed (i.e., a login and password is required to gain access)

• Credentials for the Wyoming Grant Application/Challenge Tool (map) will be emailed to respondents by LightBox.
Map Review - Demo
Map Training Guide

• Document (pdf) which explains the following:
  • How to use map
  • How to download data

• Document available for download on Wyoming Business Council website

• https://wyomingbusiness.org/communities/broadband/connect-wyoming/
## Support

<table>
<thead>
<tr>
<th>SUPPORT REQUESTS</th>
<th>CONTACT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Downloading data, map, etc.</td>
<td><a href="mailto:WyomingISPCoordinator@lightboxre.com">WyomingISPCoordinator@lightboxre.com</a></td>
</tr>
<tr>
<td>General inquiries</td>
<td><a href="mailto:Broadbandoffice@wyo.gov">Broadbandoffice@wyo.gov</a></td>
</tr>
</tbody>
</table>
Next Steps

• Challenge period will open shortly

• Updates based on challenges will be made to the WY Broadband map (as required)
  • Location points
  • Summary statistics (County, etc)
  • Data download files (County level)

• Wyoming Broadband map will then be made available for Application period
  • NOTE: Data may have been updated (as per above) – double check before using for your work!