Connect Wyoming Broadband Mapping Program: Grant Application Map

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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

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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

PHASE	NOTES	DATES
DATA SUBMISSION	Provide coverage info submitted to the FCC	11/30/22 - MIDNIGHT 12/16/22
--- HOLIDAY BREAK ---		12/17/22 – 1/2/23
PROCESS DATA	LightBox matches coverage info to our fabric; Broadband coverage maps go live	1/1/23 - 3/31/23
MAP CHALLENGE	ISPs submit challenges to the map	4/7/23 – 4/14/23 *
APPLICATION PERIOD	ISPs submit applications for proposed broadband projects	5/3/23 – 6/2/23 *
APPLICATION CHALLENGE	ISPs submit challenges to the application areas	7/3/23 - 7/17/23 *
AWARDS	Business Council awards projects	8/16/23 *

Dates are subject to changes. Actual timelines will be communicated via Connect Wyoming - Wyoming Business Council
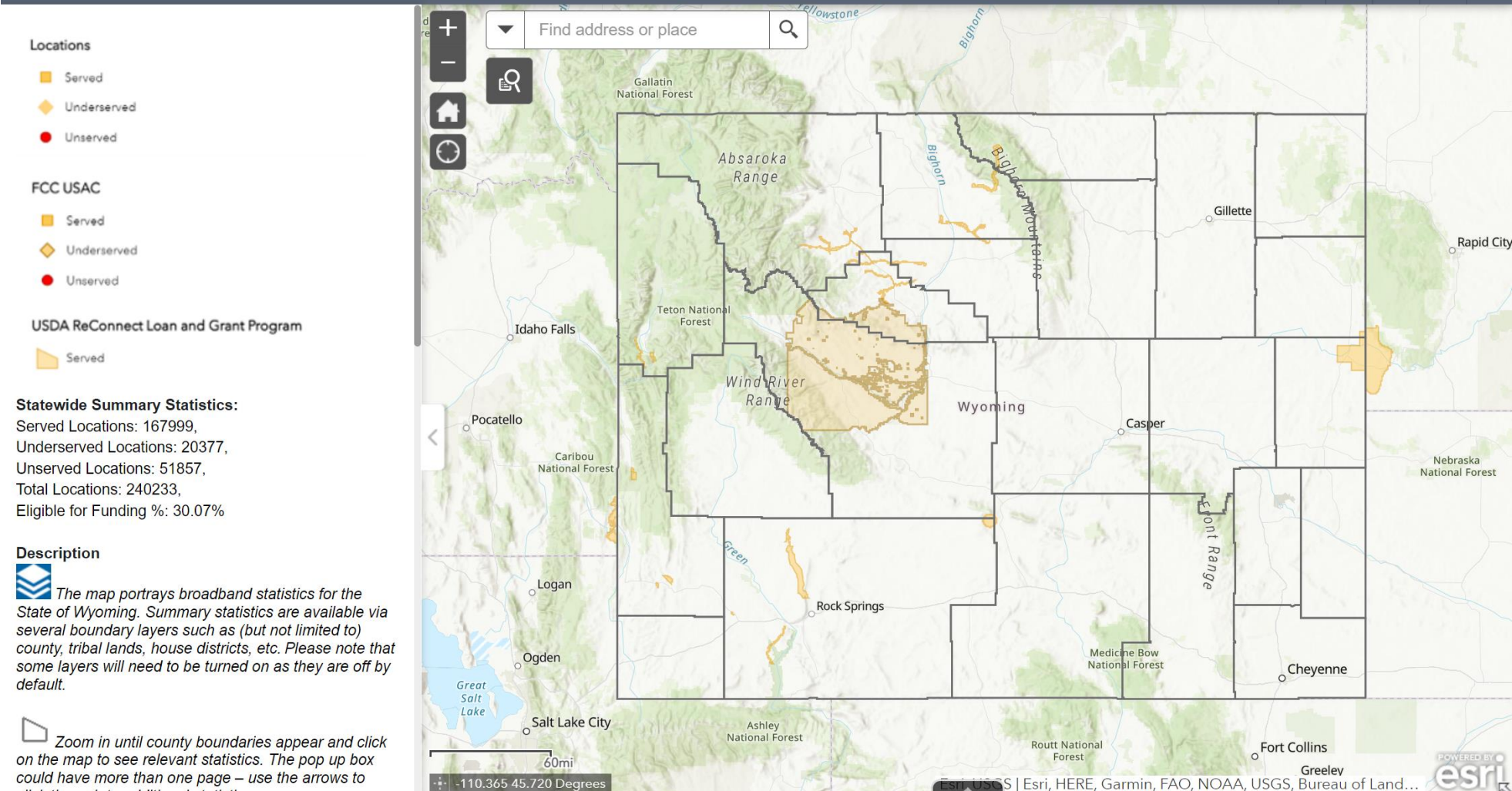
Map Review - Map Description

- **Legend**

  - *Locations*

  - *Funding Data*

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

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Map Review – Address Search

- **Address**

- **Counties**

- **Tribal Lands**

- **House Districts**

- **Senate Districts**
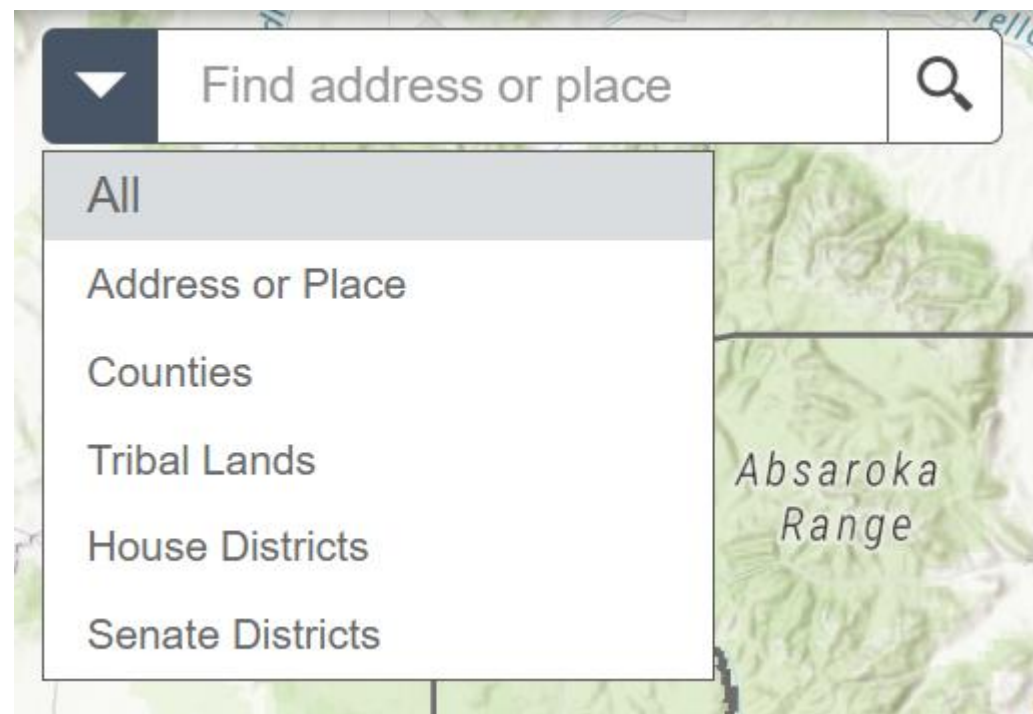
Map Review - Statistics

- **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

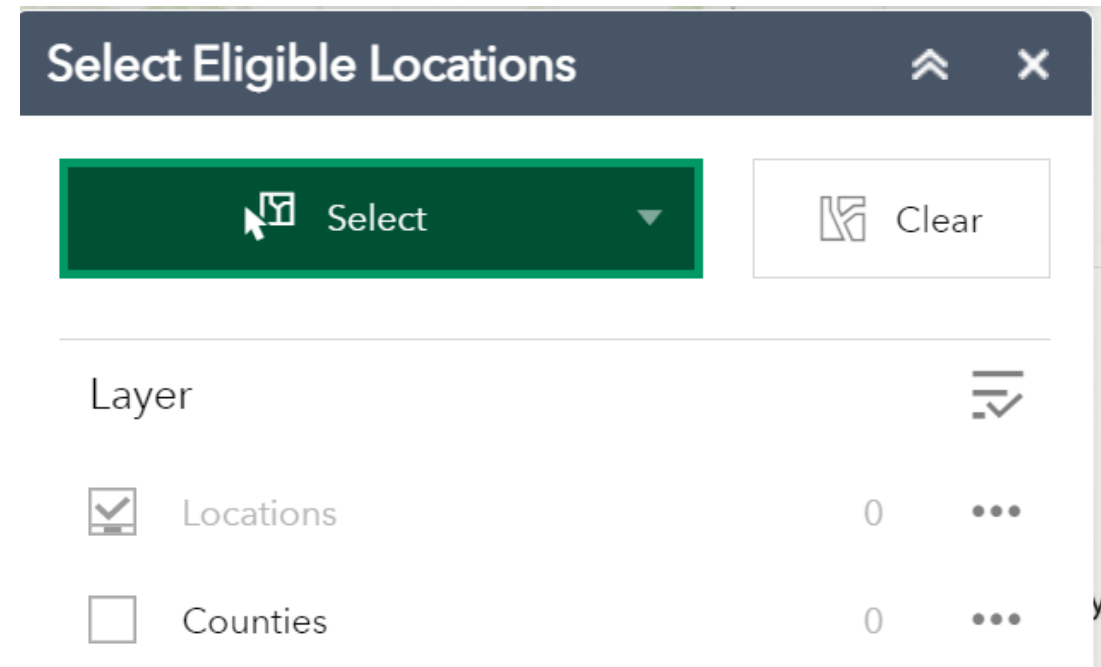|	
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Download Link	Download All County Locations

Map Review – Download Data (#2)

- **Select Eligible Locations icon**

- <u>Choose</u> locations from the map

- Download results in a CSV file

Map Review – Download Data (#2)

- Select Eligible Locations icon

- **Choose** **locations from the map**

- Download results in a CSV file

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 – Download Data (#2)

- Select Eligible Locations icon

- <u>Choose</u> locations from the map

- **Download results in a <u>CSV</u> file**

Map Review – CSV export (#1)

	A	B	C	D	E	F	G	H	I	J	K	M	N	O	P	Q	R	T	U
1	OBJECTID	Full Addre	Serviceabi	Version ID	Address Ll	Address	Unit	City	State	Zipcode	County	Classificati	Assessmer	Address T	Communi	Federal Go	Federal Go	Longitude	Latitude
2	4562	328 W YEL	Served	2022Q4	0600DR5R	328 W YELLOWSTON		CASPER	WY	82601-244	Natrona	Business	Commercial/Office/Residential (mixed use)					-106.33	42.8481
3	4563	316 W YEL	Served	2022Q4	06050BYJ7	316 W YELLOWSTON		CASPER	WY	82601-244	Natrona	Business	Commercial/Office/Residential (mixed use)					-106.33	42.8481
4	8567	414 S ELM	Served	2022Q4	0601BU7K	414 S ELM	# A	CASPER	WY	82601-263	Natrona	Business	Warehouse (Industrial)					-106.33	42.8469

- **Selected record attribution**

  - Address

  - Unit

  - Land Use

  - Funding

  - Coordinates

Map Review – CSV export (#2)

	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG
1	Challenge	Challenge	Challenge	Challenge	Challenge	Challenge	Challenge	Challenge	Challenge	Challenge	Challenge	Challenge
2												
3												
4												
5												

- **Selected record attribution –** Example challenge fields:

  - Provider Name

  - Bizres code

  - BSL flag

  - Technology

  - Speed

Map Review – Print Map

- **Print Map**

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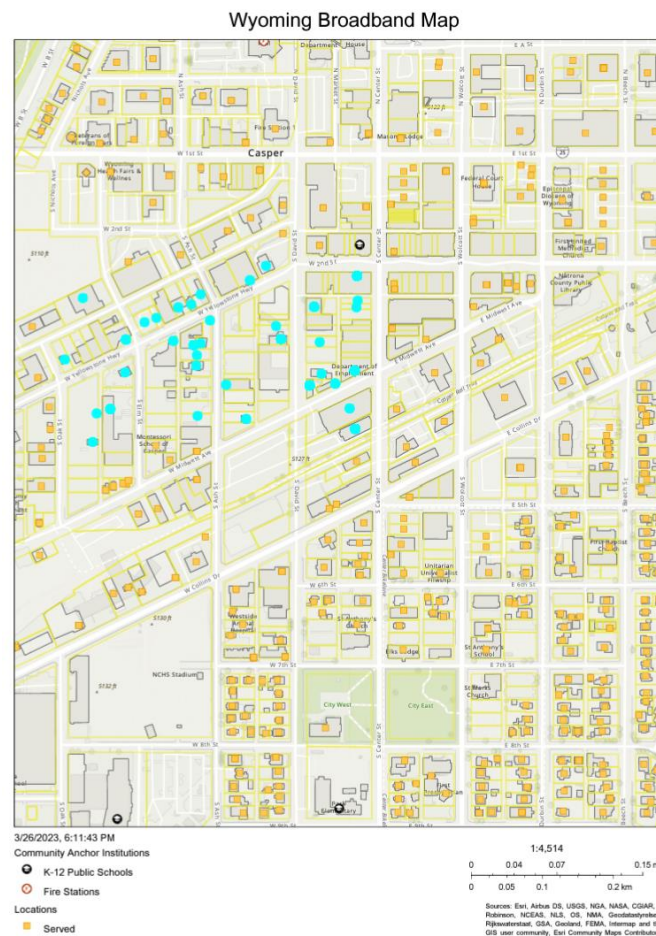
Map Review – Print Map

- **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

SUPPORT REQUESTS	CONTACT
Downloading data, map, etc.	**WyomingISPCoordinator@lightboxre.com**
General inquiries	**Broadbandoffice@wyo.gov**

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!*

Q&A