



# **BEAD Challenge Map**

**Understanding Data & Using the BEAD Challenge Map**

**April 23, 2024**

# BEAD Challenge Process Overview

## What is it?

- Final step in determining eligible locations for BEAD Funding
- Eligible participants can challenge whether a particular BSL or community anchor institution (CAI) is eligible for BEAD funds; identification of CAIs; and report planned broadband service.

## When is it?

4/29/2024 – 5/29/2024 at 1:30 PM CT

5/19/2024: Last day to submit challenges for preliminary completeness review

## Who can participate?

- 501(c)(3) and 501(c)(6) nonprofit organizations
- Local units of government and Tribal governments
- Internet service providers
- CAIs (as defined in Challenge Instructions)

## How to participate?

- Read the instructions and step-by-step guides
- Watch the WBO Challenge Process webinar
- Identify locations to challenge using the downloadable data and/or the map
- Prepare evidence documents and complete challenge submission spreadsheet
- Complete eligibility and confidentiality form
- Submit by uploading to PSC docket 5-BCH-2024

# Challenge Process Data and Resources

- [Challenge Process Instructions](#)
- Webinar: Challenge Overview and Submission Instructions: [recording](#), [slides](#)
- [BEAD Challenge Map](#)
- Step-by-step Submission Instructions:
  - [Challenge Submission](#)
  - [CAI Challenge Submission](#)
  - [Rebuttal Submission](#)
- Challenge location data:
  - [Statewide BSL List](#) (BEAD served status, enforceable funding, pre-challenge modifications)
  - [BSL lists by county](#)
  - [Community Anchor Institution list](#)
  - [Service offerings impacted by pre-challenge modifications](#)

# Challenge Location Data

- Visit docket [5-BCH-2024](#)

<a href="#">PSC Ref</a> ▾	<a href="#">Description</a>	<a href="#">Document Type</a>	<a href="#">Docket or Utility</a>	<a href="#">Received Date</a>
498683	 <a href="#">list of community anchor institutions by BEAD status</a> (707 KB)	GIS Files	<a href="#">5-BCH-2024</a>	04/19/2024 03:01:00 PM
498682	 <a href="#">data dictionary for BSL files</a> (17 KB)	GIS Files	<a href="#">5-BCH-2024</a>	04/19/2024 03:01:00 PM
498681	 <a href="#">county by county listing of BEAD status by BSL</a> (9,079 KB)	GIS Files	<a href="#">5-BCH-2024</a>	04/19/2024 03:01:00 PM
498680	 <a href="#">statewide listing of BEAD status by BSL</a> (9,683 KB)	GIS Files	<a href="#">5-BCH-2024</a>	04/19/2024 03:01:00 PM

# Challenge Location Data Dictionary

Column Name	Description
location_id	A unique ID for the Fabric location.
county_name	County name
BEAD_speed_category	Classification of BSL speed status: unserved (0), underserved (1), served (2) before any pre-challenge modifications
DSL_mod	TRUE if the BEAD classification has been modified from served (2) to underserved (1) per the Pre-Challenge DSL Modification; FALSE if not modified
measurement_mod	TRUE if the BEAD classification has been modified from served (2) to underserved (1) per the Crowdsourced Speed Test Modification; FALSE if not modified
BEAD_classification	Classification of BSL speed status: unserved (0), underserved (1), served (2) after any pre-challenge modifications
enforceable_commitment	TRUE if an enforceable commitment exists for the location; FALSE if no enforceable commitment exists
awardee	Recipient of applicable enforceable commitment(s); List if multiple
program	Program of applicable enforceable commitment(s); List if multiple
BEAD_eligibility	'Eligible' if eligible for BEAD funding; 'Ineligible' if ineligible for BEAD funding based on current data.

# BEAD Location Eligibility

- **Underserved:** a location is eligible for BEAD if it...
  - Lacks access to a wireline (fiber or cable) or licensed fixed wireless service of at least 100 Mbps download and 20 Mbps upload
  - Not in progress from: (a) prior funding award; or (b) verified private build by 6/30/24
- **Unserved:** A location is prioritized for BEAD if it...
  - Lacks access to a wireline (DSL/copper, cable or fiber) or licensed fixed wireless service of 25/3 or better
  - Not in progress from: (a) prior funding award; or (b) verified private build by 6/30/24

# What is an Enforceable Funding Commitment (EFC)?

<b>Local ARPA</b>	These are confirmed local commitments that incorporate federal American Rescue Plan Act State and Local Fiscal Recovery Funds stimulus dollars. Refer to the docket 5-BCH-2024 for associated partnership documents
<b>State ARPA</b>	These are state-administered federal American Rescue Plan Act funds under the State and Local Fiscal Recovery Funds program. Funding was awarded by the Commission in 2021.
<b>State Broadband Expansion</b>	These are state-administered grants funded from the state budget under the Broadband Expansion Grant Program.
<b>State CPF</b>	These are state-administered federal Capital Project Fund awards created under the American Rescue Plan Act, Funding was awarded by the Commission in 2024.
<b>FCC RDOF</b>	These are federal Rural Digital Opportunity Funds awarded by census blocks. Phase 1 funding was awarded by the Federal Communications Commission (FCC) in 2020.
<b>FCC E-ACAM</b>	The Enhanced Alternative Connect America Model funding support was offered by the Federal Communications Commission (FCC) to existing ACAM recipients and accepted by participating providers in 2023.
<b>NTIA TBCP</b>	The Tribal Broadband Connectivity Program created through the Bipartisan Infrastructure Law and the Consolidated Appropriations Act of 2021 provides funding Native American, Alaska Native, and Native Hawaiian communities. The National Telecommunications and Information Administration (NTIA) awarded the first round of funding in 2023.
<b>USDA REP</b>	The ReConnect Program provides funds for broadband construction in eligible rural areas. The US Department of Agriculture (USDA) has awarded 4 rounds of funding to-date, the last in 2023.

# What are the pre-challenge modifications?

- Pre-challenge modifications adjust the eligibility status of certain locations to reflect data not present in National Broadband Map.
- Two modifications based on NTIA guidance:
  - **DSL Modification:** locations classified as ‘served’ with only DSL service modified to ‘underserved’ and eligible for BEAD
  - **Crowdsourced Speed Test Modification:** locations that are classified as ‘served’ but are shown to have received service materially below 100/20 Mbps and have no other qualifying service offering are modified to ‘underserved’ and eligible for BEAD
    - > Locations affected by speed test modification may be rebutted through the challenge process

# Identify locations to Challenge

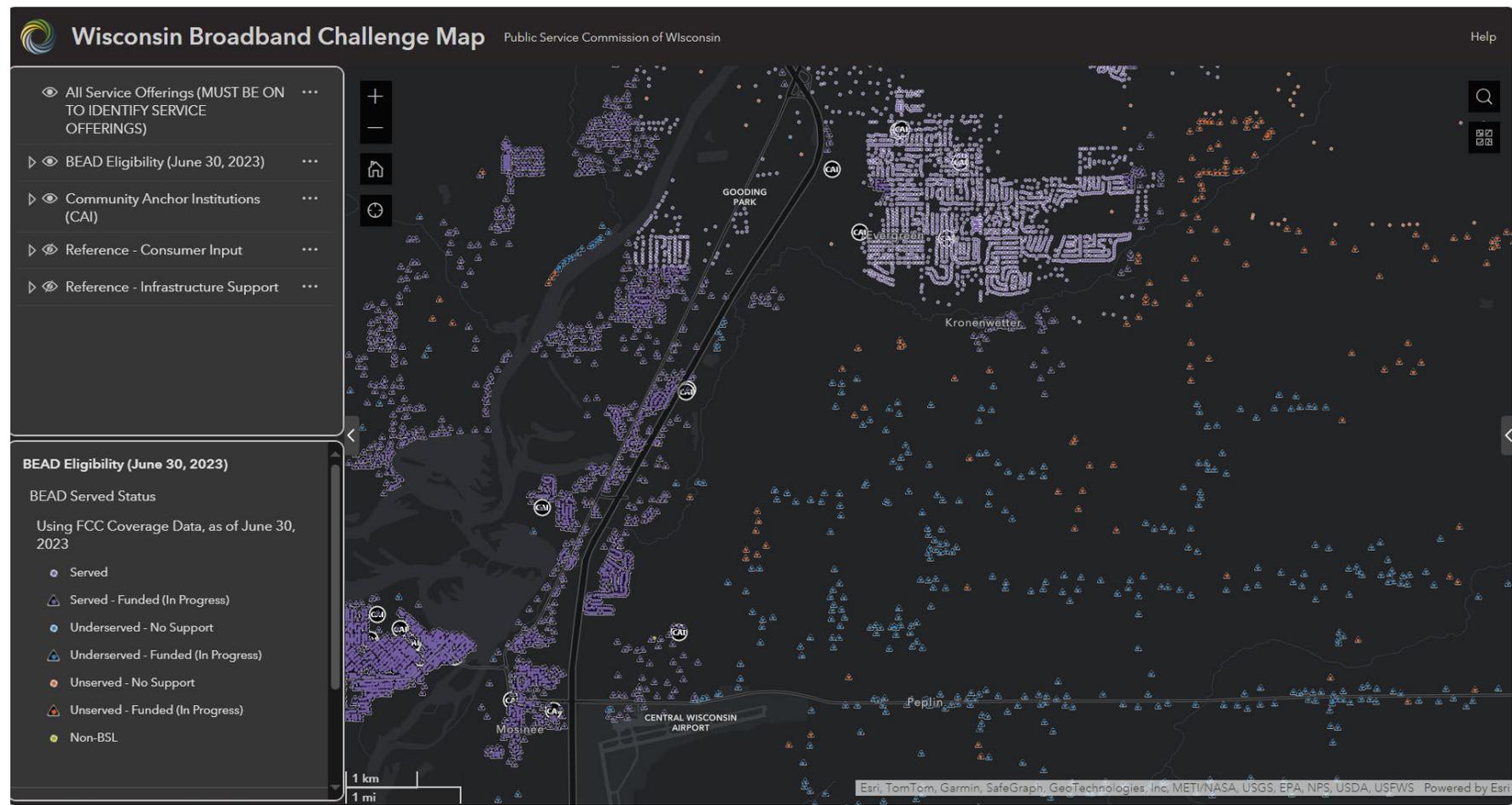
## Two Options:

- [PSC BEAD Challenge Map](#). Navigate the map retrieve BSL IDs to compile challenges – ideal for smaller amount of challenges
- Download .csv files from docket 5-BCH-2024 of served/unserved/underserved BSL identification numbers to analyze in a geospatial program.
  - NTIA Cost Quest License Required
  - Better if considering large amount of challenges

# Using the BEAD Challenge Map to Identify Locations

- Layers to Activate to view Challenge Submission Data
  - Internet Service Offerings (*Purple – served; blue – underserved; orange – unserved*)
  - Community Anchor Institutions (location points labeled as ‘CAI’)
  - BEAD Eligibility Status -as of June 30, 2023 FCC data
    - *Purple – served, blue – underserved, orange – unserved*
    - Locations with an EFC are framed in a triangle
- Additional Reference Layers
  - Consumer Input (WISER Survey and Optimap)
  - Infrastructure Support – footprints of state and federal broadband funding for infrastructure

# Tour of Challenge Map



**Wisconsin Broadband Challenge Map** Public Service Commission of Wisconsin

Help

- All Service Offerings (MUST BE ON TO IDENTIFY SERVICE OFFERINGS)
- BEAD Eligibility (June 30, 2023)
- Community Anchor Institutions (CAI)
- Reference - Consumer Input
- Reference - Infrastructure Support

**BEAD Eligibility (June 30, 2023)**

BEAD Served Status

Using FCC Coverage Data, as of June 30, 2023

- Served
- Served - Funded (In Progress)
- Underserved - No Support
- Underserved - Funded (In Progress)
- Unserved - No Support
- Unserved - Funded (In Progress)
- Non-BSL

1 km  
1 mi

Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, USDA, USFWS Powered by Esri

# How to submit a Challenge?

- To submit challenges (and later rebuttals) participants will submit:
  - Completed [Eligibility and Confidentiality Form](#)
  - [Challenge Submission Spreadsheet](#) with locations being challenged
  - Supporting evidence documentation for locations being challenged.
- Challenges will be submitted by uploading these documents to docket [5-BCH-2024](#) using the Commission's Electronic Records Filing (ERF) system.
- A simplified form submission for only Community Anchor Institution (CAI) challenges will not require uploading to the docket.
  - available on the [BEAD Challenge Process webpage](#) by April 29

# Complete the Eligibility and Confidentiality Form

## BEAD Challenge Participant Eligibility & Confidentiality Form



Complete this BEAD Challenge Eligibility and Confidentiality Form and save the completed form as a PDF. Completed forms should be submitted before or at the same time that a challenge or rebuttal is submitted to the 5-BCH-2024 docket on the Public Service Commission's [electronic record filing system \(ERF\)](#), with the Challenge Submission Spreadsheet. For updates, subscribe to the docket [here](#). If you need assistance completing this form or require an alternative format, please email [PSCBEADChallenge@wisconsin.gov](mailto:PSCBEADChallenge@wisconsin.gov).

### Eligible Challenge or Rebuttal Participant Information

1. Entity Name	2. Entity d/b/a (if applicable)
3. Primary Contact Name	4. Primary Contact Email
5. Physical Address	6. Primary Contact Phone Number
7. Entity Website	

8. Eligible Entity Type (select one)

Internet Service Provider  
(required) Enter FCC Registration Number (FRN):

Local Unit of Government

Tribal Government

501 (c)(3) or 501 (c)(6) Non-Profit Organization

Community Anchor Institution

### Attestation

Enter the contact information of the person authorizing and submitting this BEAD Challenge Participant Information and Attestation Form. By including your name below, you certify that the above information and any challenges and rebuttals submitted as a part of the Wisconsin BEAD Challenge Process are complete, accurate, and true to the best of the participating entities knowledge and that you have the authority, granted by the participating entity, to submit this form on its behalf.

1. Name	2. Title
3. Phone Number	4. Email Address
	5. Date

### Acceptance of Confidentiality Practices

Participation in the BEAD Challenge Process may include submission of evidence documents containing material that requires confidential handling consistent with Wisconsin Administrative Code [§ PSC 2.12](#). To adjudicate challenges, it is necessary for the Commission to release unredacted versions of confidential material submitted by a challenger to the challenged entity (or vice versa) so that it may review the evidence and provide a response to the challenge. For example, a customer's claim a provider does not offer service at a location would be shared with that internet service provider to provide a response to the assertion.

By signing below, submitter releases its claim of confidentiality for submitted evidence in the narrow instance where an evidence document is being provided to the entity that is the subject of the challenge or rebuttal. The signatory thus allows the Commission to share their confidentially submitted information with the entity that is the subject of its challenge or rebuttal.

1. Name	2. Title
3. Phone Number	4. Email Address
	5. Date

- Eligible challenge participants will only complete and submit the Eligibility and Confidentiality Form once
- Must be submitted before or at the same time that a challenge is submitted to the 5-BCH-2024 docket on ERF with the Challenge Submission Spreadsheet.
- Save file as: *challengeform\_[Entity Name].pdf*

# Prepare Evidence Documents

- Create a .pdf for each piece of evidence
- Only .pdf files are accepted. If you are providing a screenshot or photo (.png or .jpg), paste it into a text document and save as .pdf file.
- Evidence file name must align to the following naming convention:
  - [entity name]\_CEvidence[#].pdf
- The file names will be noted in the BEAD Challenge Submission Spreadsheet for each location challenge that they apply to (evidence docs can apply to more than one location being challenged).

# Complete Challenge Submission Spreadsheet

	A	B	C	D	E	F
1	<b>Challenge Type Code</b> Enter the Challenge Code or Select the Challenge Code from the dropdown menu  A - Availability D - Data Cap T - Technology B - Business Service Only P - Planned Service E - Enforceable Commitment N - Not part of Enforceable Commitment	<b>Challenger Entity Name</b> Enter your entities legal name. Do not use the entity's d.b.a.	<b>Challenger entity type</b> Select your entity type from the drop down menu in the cells below.  - Internet Service Provider (provider)  - 501 (c )(3) or 501 (c )(6) nonprofit (non-profit)  - Local or Tribal Government	<b>Service Provider</b> Select the name of the service provider being challenged from the dropdown menu in the cell.	<b>Technology Code</b> Enter or select from the dropdown menu the technology code of the location being challenged.  10 - Copper Wire (DSL) 40 - Coaxial Cable 50 - Fiber to the Premises/Optical Carrier 60 - Geostationary Satellite 61 - Non-Geostationary Satellite 70 - Unlicensed Terrestrial Fixed Wireless 71 - Licensed Terrestrial Fixed Wireless 72 - Licensed-by-Rule Terrestrial Fixed Wireless	<b>Broadband Serviceable Location (BSL)</b> Enter the 10-digit BSL ID being challenged.
2						

# Complete Challenge Submission Spreadsheet

G	H	I	J
<p><b>Unit (apartment)</b> If the location being challenged is a unit/apartment within a multi-dwelling unit building, provide the unit/apartment number. Leave blank if not applicable.</p>	<p><b>Availability Challenge (A) Reason Code</b> <u>Only for Availability (A) Challenge Type</u>: select from the dropdown menu or enter the availability reason code that applies (1-9). <u>For other challenge codes, leave field blank.</u></p> <p>1 - Provider failed to schedule a service installation within 10 business days of a request. 2 – Provider did not install the service at the agreed-upon time. 3 – Provider requested more than the standard installation fee to connect the location. 4 – Provider denied the request for service. 5 – Provider does not offer the technology entered above at this location. 6 – Provider does not offer the speed(s) shown on the Broadband Map for purchase at this location. 8 – No wireless or satellite signal is available at this location. 9 – New, non-standard equipment is required to connect this location <i>*reason code 7 intentionally not included, unapplicable FCC code for purposes of availability challenges</i></p>	<p><b>Challenge Evidence Type(s)</b> Indicate the types of evidence being provided, separated by a comma (e.g. screenshot, email). See BEAD Challenge Instructions for specific examples of evidence for each challenge type.</p>	<p><b>Challenge Evidence File(s)</b> For each piece of evidence being uploaded to docket 5-BCH-2024 to support a specific challenge, list the file names. Files should be saved using the following convention: <i>challenger name_CHevidence#.pdf</i> (e.g. <i>bestprovider_evidence1.pdf</i>) List all evidence documents for a BSL separated by a comma (e.g. <i>bestprovider_CHevidence1.pdf,bestprovider_CHevidence2.pdf</i>). Do not create duplicates of an evidence document. Upload one evidence document and indicate that evidence file name for each challenge it applies to.</p> <p>Evidence files will be uploaded to ERF.</p> <p><b>**NOTE only .pdf files are accepted. If you are providing a screenshot (.png or .jpg), paste into a text document and save as .pdf file before uploading.**</b></p>

# BEAD Challenge Process Next Steps

- Explore and acclimate to the BEAD Challenge Map
- Watch the [BEAD Challenge Process Webinar](#) if you missed it
- Carefully review the BEAD Challenge Process Instructions and Step-by-Step Instructions in docket 5-BCH-2024
- **Challenge Submission opens April 29 and closes May 29 at 1:30 pm CT**
- BEAD Challenge Process Office Hours with UW – Extension and WBO
  - [Register here](#) for any of the following sessions: 9-10am on 5/1, 5/9, 5/16, 5/21
- Rebuttal period office hours
  - [Register here](#) for any of the following sessions: 9-10am on 6/6, 6/11, 6/18, 6/27



# *Questions?*

For questions related to the BEAD Challenge process email:

[PSCBEADChallenge@wisconsin.gov](mailto:PSCBEADChallenge@wisconsin.gov)

**Website:** <https://psc.wi.gov/Pages/ServiceType/Broadband/BEADChallenge.aspx>

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