

National Broadband Map

Broadband Data Task Force
Federal Communications Commission

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Broadband Data Collection (BDC): New Approach to Mapping Broadband Availability

- The FCC historically has collected broadband deployment data using FCC Form 477.
- More reliable and consistent broadband availability data are critical to efforts to target public funds to connect unserved and underserved communities.
- Congress directed the FCC to develop processes and procedures to collect, verify, and publish more granular data in the Broadband Deployment Accuracy and Technological Availability (DATA) Act.

WHAT'S ON THE NATIONAL BROADBAND MAP?

The National Broadband Map consists of 2 datasets, both of which can be challenged:

FABRIC LOCATIONS

- **What is it?**
 - The Fabric is a dataset of all locations in the United States and Territories where fixed broadband internet access service is or could be installed.
- **Who creates it?**
 - The Fabric is developed by CostQuest in consultation with the FCC and in accordance with FCC rules.
- **Challenges and updates timeline?**
 - The Fabric is updated twice per year.
 - For the best opportunity for challenges to be included in version 3 of the Fabric, challenges should be submitted by March 15, 2023.
- **What's on the current map?**
 - Version 1 of the Fabric is the base of the current public map. Version 2 of the Fabric is available to license holders to submit challenges, and for ISPs to submit their updated availability data.

BROADBAND AVAILABILITY

- **What is it?**
 - Broadband availability data shows what broadband services, if any, are available at locations included in the Fabric, as reported by internet service providers every 6 months.
- **Who creates it?**
 - Internet service providers report their availability data to the FCC every 6 months.
- **Challenges and updates timeline?**
 - Broadband availability data is updated consistently over time as challenges are resolved.
 - Challenges are accepted and resolved on a rolling and ongoing basis.
- **What's on the current map?**
 - The map shows availability data as-of June 30th, 2022. The map is also updated biweekly to reflect challenges that have been resolved.



National Broadband Map: Next Iteration on May 30th

- The next iteration of the map will be publicly available on May 30, 2023.
 - This version of the map will show locations from version 2 of the Fabric, and availability data as-of December 31, 2022.
- What will be different on this map?
 - Will include over 1 million more broadband-serviceable locations throughout the United States than the initial version currently shown on the National Broadband Map.
 - For example, New Mexico had a net gain of 20,456 locations.
 - Of those newly added locations, 13,329 were on Tribal lands.
 - Both Taos and Cochiti Pueblos were almost entirely missing from version 1, in version 2 they appear to be well represented.
 - The availability data also continues to be improved.



The interface features a map of the United States with a blue dot density representing broadband availability. A search bar is overlaid on the map with a dark blue arrow pointing to it. Below the search bar are four buttons: 'Location' (with a location pin icon), 'Providers' (with a group of people icon), 'Area' (with a map icon), and 'Download' (with a download icon). Two inset maps are visible in the bottom left: one for Alaska and one for Hawaii. The map includes state abbreviations and city names. At the bottom right, there is a copyright notice: '© Mapbox © OpenStreetMap Improve this map'.

Search by Address

About

Enter address



Location



Providers



Area



Download

National Broadband Map: Location Challenges

Location points are part of a dataset called the Broadband Serviceable Location Fabric.

What can be challenged?

- Wrong address
- Wrong unit count
- Wrong placement on the map
- Misidentified as non-Broadband-Serviceable
- Missing location

The screenshot displays the FCC National Broadband Map interface. The main map shows a grid of streets in Washington, DC, with green dots representing broadband serviceable locations. A specific location, 61 PIERCE ST NE WASHINGTON, DC 20002, is highlighted with a blue pin. A red circle highlights the 'Location Challenge' label in the top right corner of the map area.

FCC National Broadband Map

Home Location Summary Provider Detail Area Summary Data Download About

Fixed Broadband Mobile Broadband

Selected Location

61 PIERCE ST NE WASHINGTON, DC 20002
Status: **Served** | Residential | Unit Count: 397

Broadband

Type: Residential
Technology: Any Technology
Speed: 25/3 Mbps or greater
Data As Of: Jun 30, 2022 (Last Updated: 10/15/22)

Residential | Business Availability Challenge

Provider	Technology	Down (Mbps)	Up (Mbps)	Chall.
Comcast Corporation	Cable	1200	35	
Hughes Network Systems, LLC	GSO Satellite	25	3	
Radiate Holdings, LP	Cable	1000	20	
Radiate Holdings, LP	Fiber to the Premises	1000	20	
Starry, Inc.	Licensed Fixed Wireless	200	100	
T-Mobile USA, Inc.	Licensed Fixed	100	20	

Map Legend

- Coverage available
- Coverage not available
- Not a mass market location

National Broadband Map: Availability Challenges

Service is “available” if the:

- provider has, or previously had, a connection in service to the location.
- provider could initiate service through a routine installation within 10 business days of a request with no extraordinary charges or delays attributable to the extension of the provider’s network.

Federal Communications Commission FCC National Broadband Map

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National Broadband Map: Fixed Availability Challenges

Codes identifying the category of or reason for a bulk fixed availability challenge:

- 1 – Provider Failure to Schedule Install Within 10 Days of Request for Service*
- 2 – Provider Failure to Perform Install Within 10 Days of Request for Service*
- 3 – Provider Demand for Connection Charges That Exceed Its Standard Installation Charge*
- 4 – Provider Denial of Request for Service*
- 5 – Reported Service Type Not Offered*
- 6 – Reported Speed Not Available for Purchase*
- 7 – Subscribed Speed Not Achievable [Individuals only can select this option (on the map), but it won't create a challenge]*
- 8 – Signal Not Available (Satellite / Fixed Wireless only)*
- 9 – Provider Demand for Additional Construction (Satellite / Fixed Wireless only)*

National Broadband Map: Mobile Availability Challenges

- Challengers may dispute the availability of mobile broadband service using on-the-ground speed test data.
- Speed test data may be submitted using the FCC's Speed Test app (or another third-party speed test app approved by the FCC's Office of Engineering and Technology).
- Alternatively, bulk availability challengers may submit speed test data collected using their own hardware and software provided it meets the requirements set forth in the FCC's mobile speed test data specification and they disclose .



BroadbandMap.gov

For More Information:

www.fcc.gov/BroadbandData

