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 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 4 of the Fabric, challenges should be submitted by September 8, 2023.
- **What's on the current map?**
  - Version 2 of the Fabric is the base of the current map.

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 December 31, 2022 and reflects resolved availability challenges. The map will be updated regularly as additional challenges are resolved.

National Broadband Map: Today

- The second iteration of the map was released on May 30, 2023.
  - This version of the map shows locations from version 2 of the Fabric, and availability data as-of December 31, 2022.

- What is different on this map?
  - Includes over 1 million more broadband-serviceable locations throughout the United States than the initial version.
    - Every state and territory had some number of BSLs added in v.2.
    - Every state and territory also had BSLs removed in v.2.
  - The availability data also continues to be improved.

Validating Provider Reported Data

- Challenges
  - Over 4 million sent to providers for response
  - The map is updated on a rolling basis every two weeks as challenges are resolved

- Verifications and Audits
  - FCC has contacted over 800 filers
  - Often results in corrections to reported availability

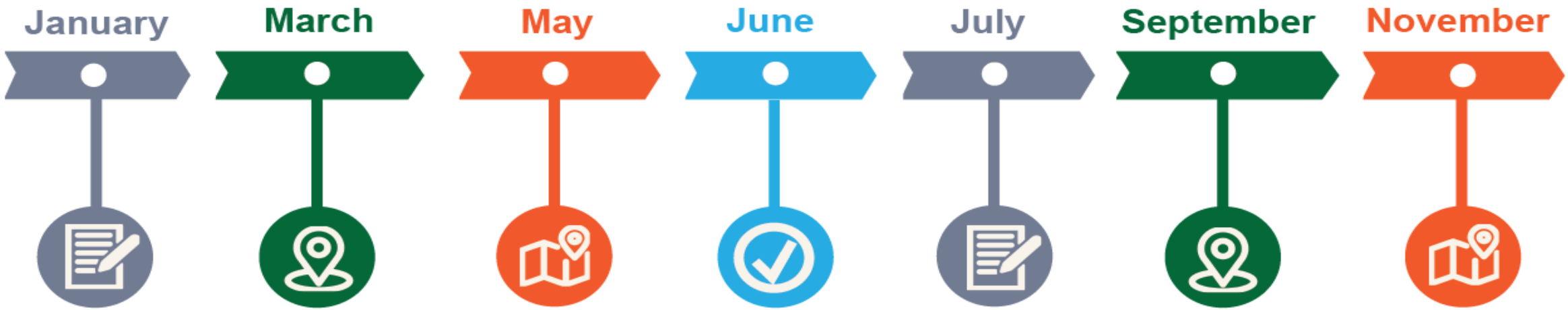
Next Steps

Version 3 of the Fabric has been made available to licensees.

- This version incorporates challenges made to version 2 (largely submitted by March 15, 2023)
- Includes 600,000 more locations than version 2
- Governmental and other entities may submit challenges to version 3 of the Fabric by September 8, 2023.

The filing window for availability data as-of June 30, 2023 opened on July 3. ISPs must submit data by September 1, 2023.

National Broadband Map: 2023 Key Dates



January

ISP filing window opens for fixed and mobile availability data as of Dec. 31, 2022.

March

March 1st
ISP filing deadline for fixed and mobile availability data as of Dec. 31, 2022.

March 15th
Best opportunity for bulk challenges of location data to be included in **Ver. 3** of the Fabric.

May

Broadband Map updated to show Fabric **Ver. 2** location data and availability data as of Dec. 31, 2022.

Bulk availability challenges accepted to Dec. 31, 2022 data.

Individual challenges accepted to both availability and Fabric datasets.

June

Fabric **Ver. 3** is released to licensees to prepare availability data and location challenges.

Bulk Fabric challenges accepted to **Ver. 3**.

July

ISP filing window opens for fixed and mobile availability data as of June 30, 2023.

September

September 1st
ISP filing deadline for fixed and mobile availability data as of June 30, 2023.

September 8th
Best opportunity for bulk challenges of location data to be included in **Ver. 4** of the Fabric.

November

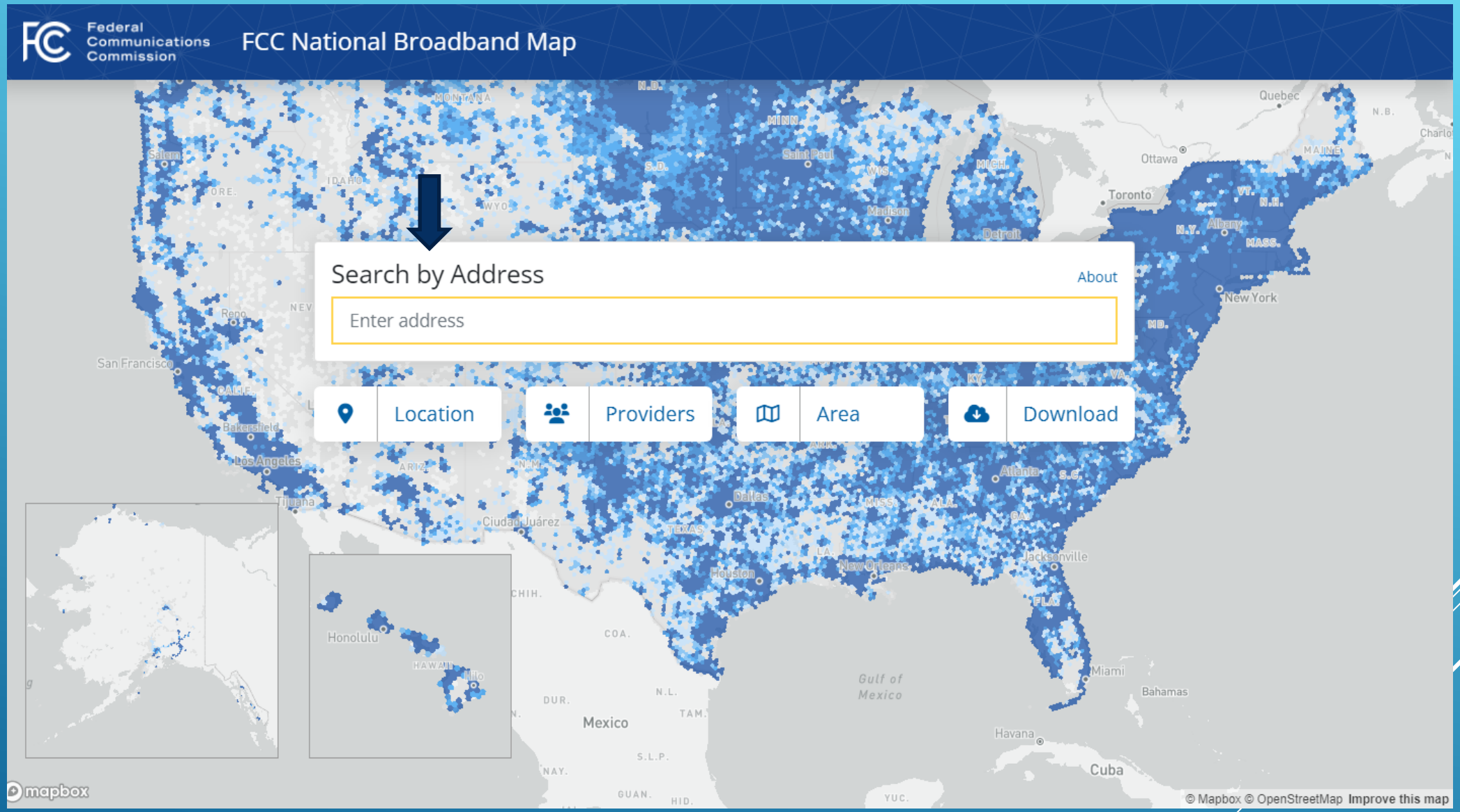
Broadband Map updated to show Fabric **Ver. 3** location data and availability data as of June 30, 2023.

Bulk availability challenges accepted to June 30, 2023 data.

Individual challenges accepted to both availability and Fabric datasets.

FCC

fcc.gov/broadbanddata



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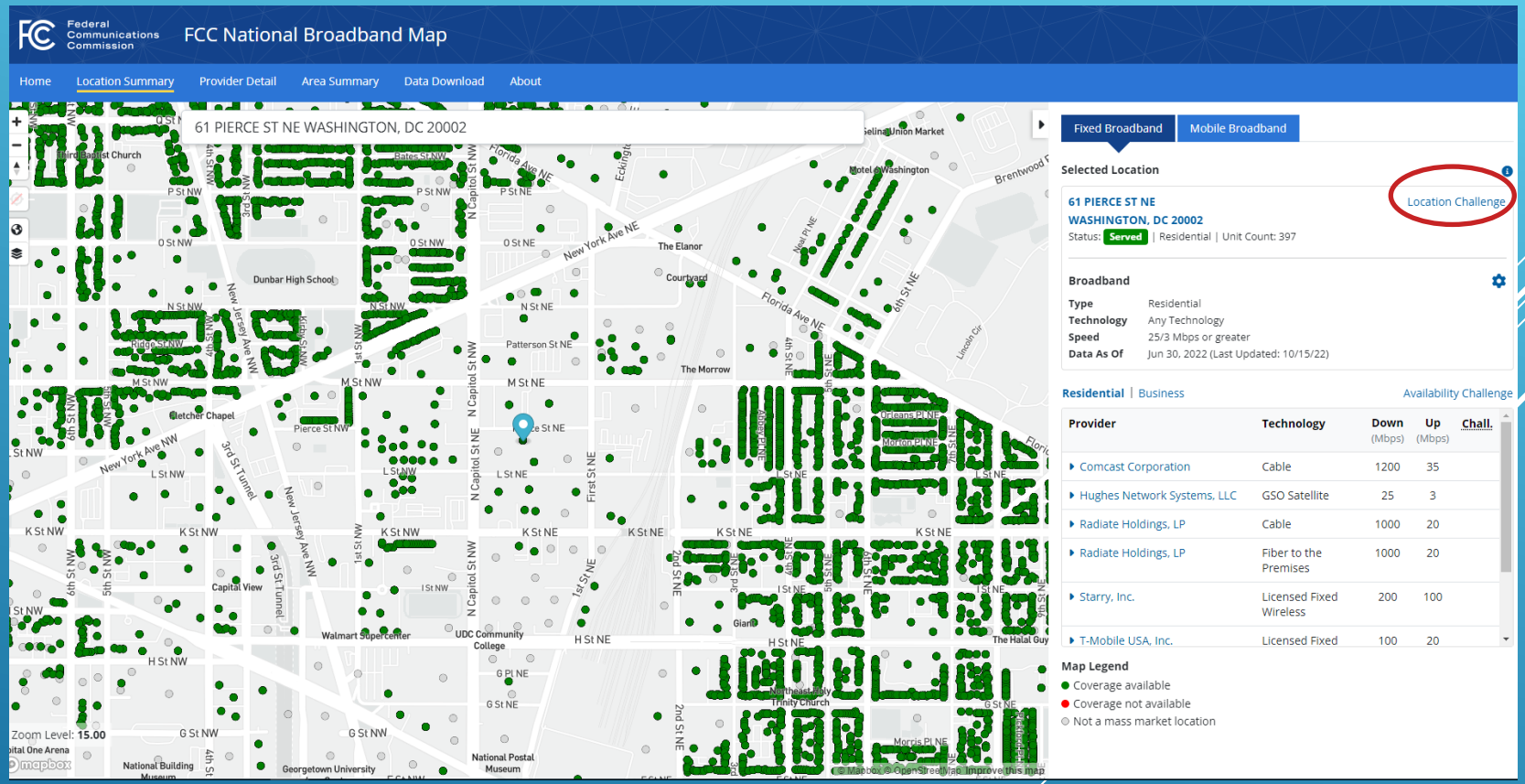
National Broadband Map: Location Challenges

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

What can be challenged?

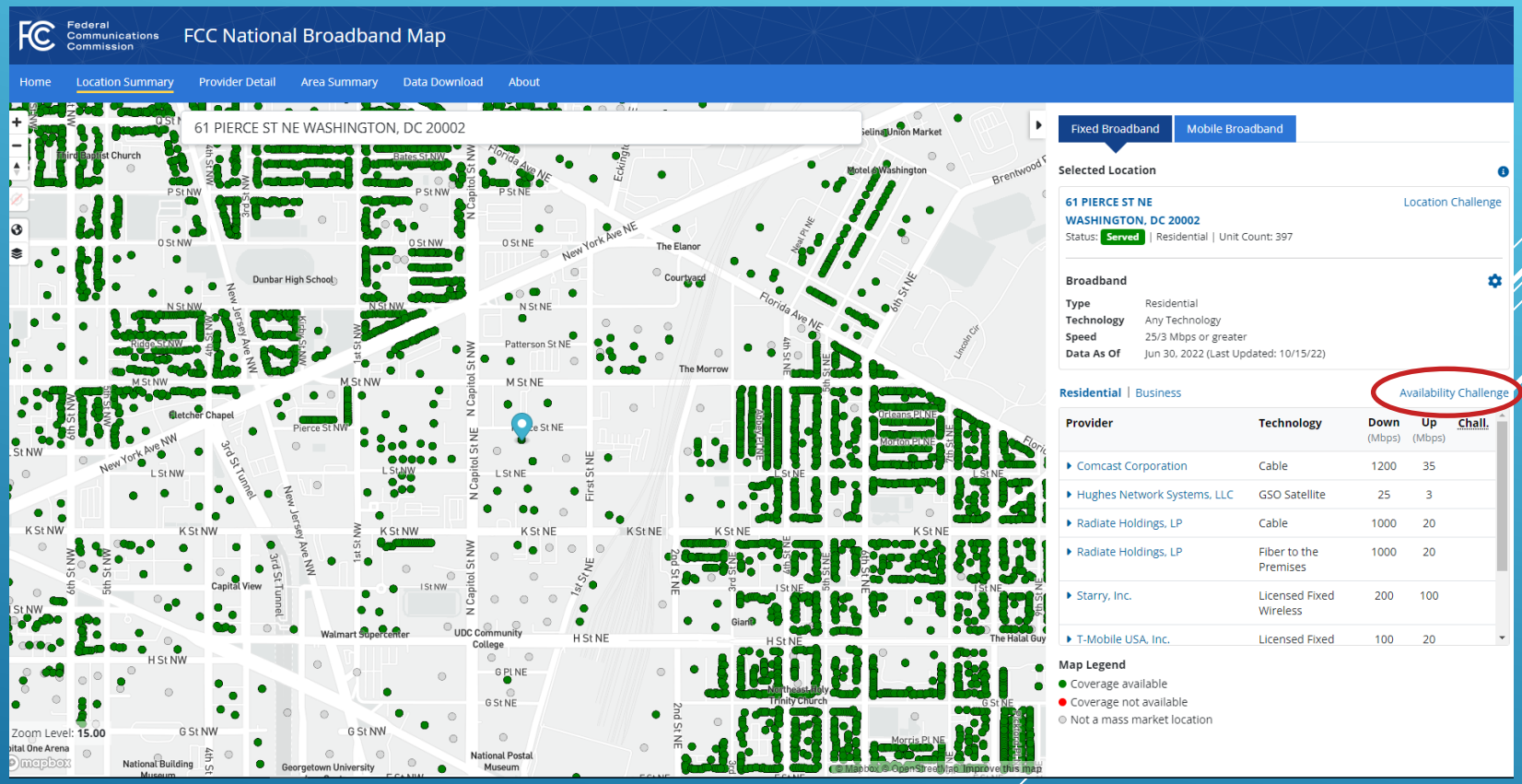
- Wrong address
- Wrong unit count
- Wrong placement on the map
- Misidentified as non-Broadband-Serviceable
- Missing location



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.



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