WEST VIRGINIA
Economic Development

WestVirginia.gov

2022 Broadband Expansion in West Virginia

Governor Justice Announced West Virginia's Billion Dollar Broadband Strategy October 2021

WV Legislature Approved ARPA $100 Million SLFRF Funds for Broadband October 2021

Governor Justice Announces First ARPA Broadband Projects January 2022

U.S. Treasury Approves West Virginia $136 Million Capital Projects Fund April 2022

AEP-APCo Logan-Mingo Middle Mile Expansion Groundbreaking July 2022

Digital Connections-PRODIGI Completes First West Virginia ARPA-Funded Connections

NTIA Approves West Virginia's IIJA Digital Equity Planning Grant September 2022

NTIA Approves West Virginia's IIJA BEAD Planning Grant November 2022

West Virginia's Growing Broadband Industry

Projects announced in 2022 will result in nearly 3,000 miles of new fiber infrastructure, providing high-speed broadband access to more than 38,000 targeted homes and businesses.

West Virginia has awarded $103 million in ARPA funding to date, including:

- $70 million in Capital Projects Funds, and
- $33 million in SLFRF funds

Internet Service Providers in West Virginia have dedicated matching funds exceeding $44 million for a total investment of more than $147 million in 24 projects, exceeding the required match rate of 25 percent.

ISP Partners report more than 125,000 new and upgraded service connections since 2021.

WEST VIRGINIA BROADBAND INVESTMENT PLAN

Includes Four Distinct Programs

Leverages Private Investment

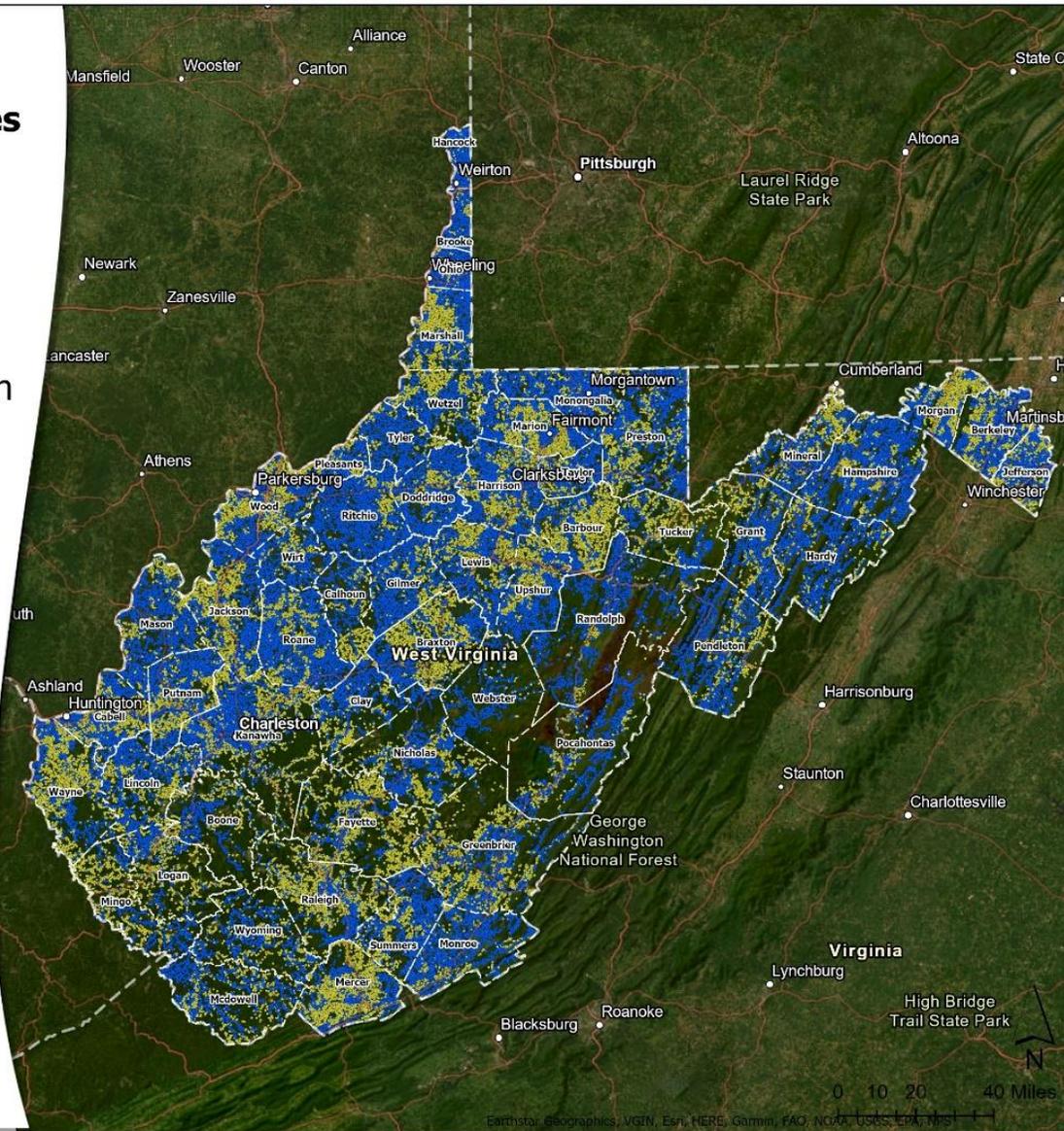**Involves Local Governments**

Encourages Public-Private Partnerships

CONNECTS THE UNCONNECTED

West Virginia Target Area Addresses
(Served and Unserved Addresses)

Target Area Classification
- ○ Targeted
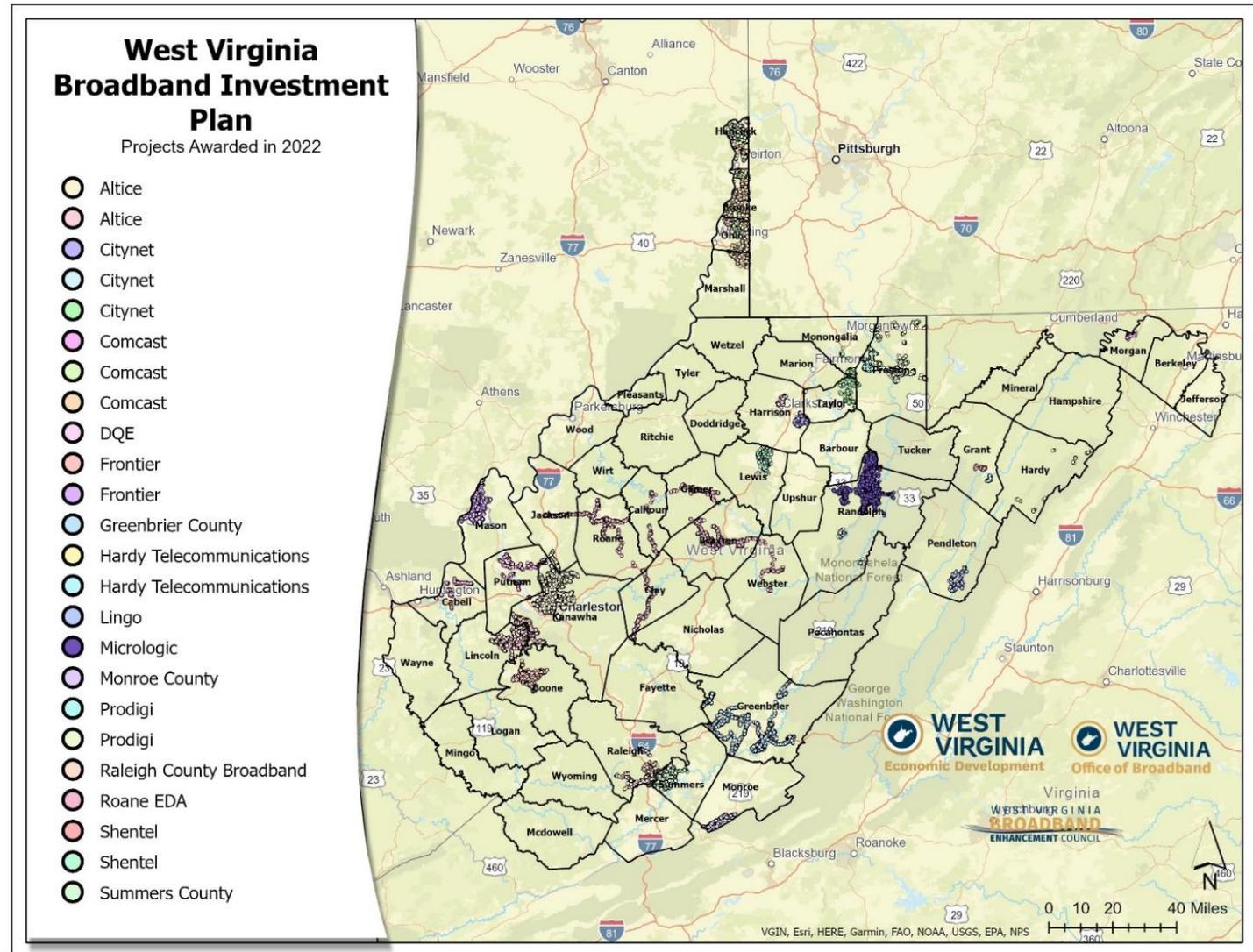- ● Other Address

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West Virginia
Targeted Addresses

- Addresses that are *estimated* to have no current access to internet service with at least 25 Mbps download and 3 Mbps upload (25/3 Mbps) speeds, not counting access to satellite or mobile wireless internet, and

- Not in an area with a binding commitment to a state, federal, or local entity to deliver mass-market broadband service of at least 25/3 Mbps, not counting commitments to expand access to satellite or mobile wireless internet.

- All other addresses not classified as **"Targeted"** are classified as **"Other."**

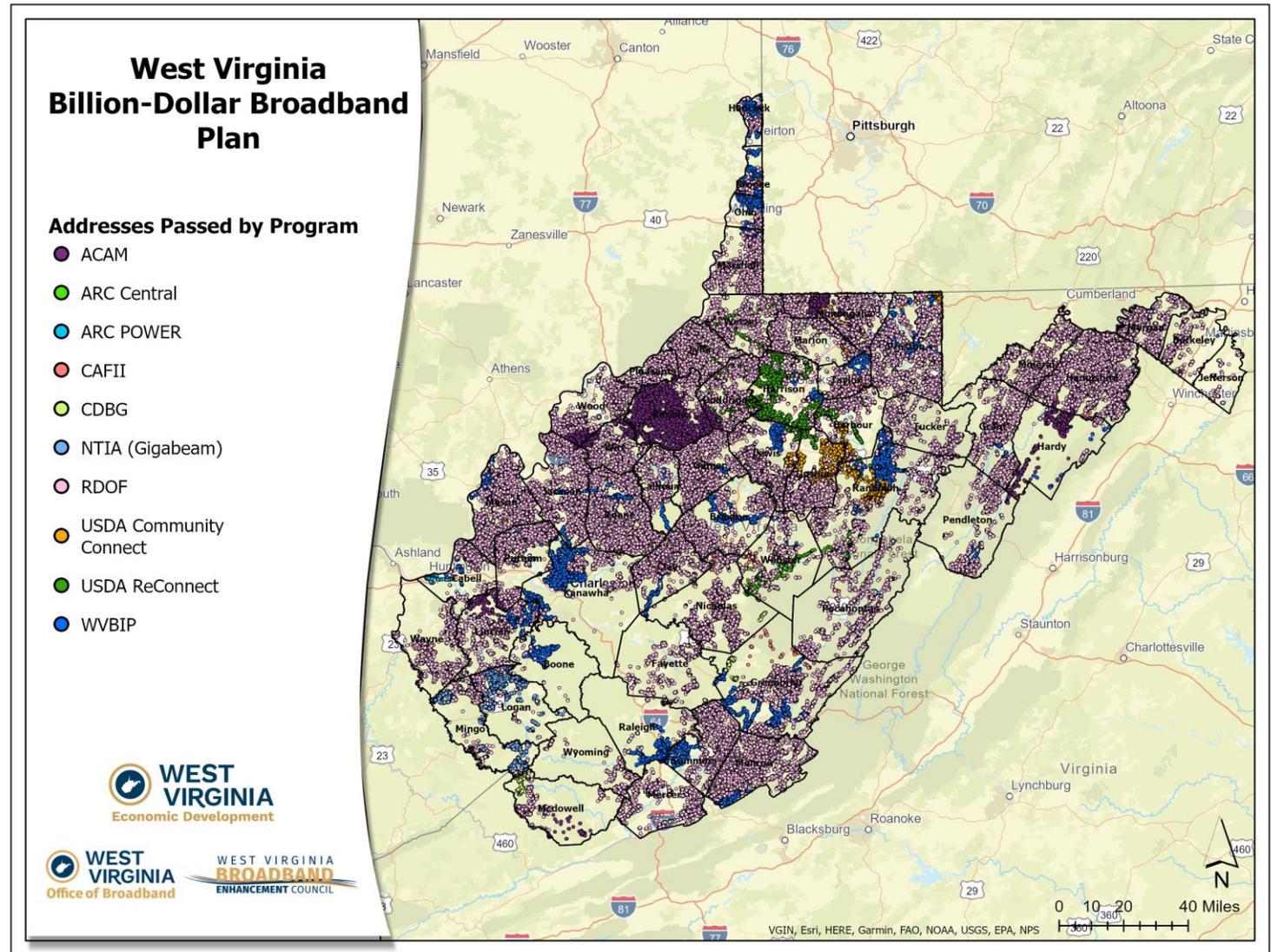# 2022 ARPA Broadband Expansion in West Virginia

2022 ARPA Highlights

- $33 Million SLFRF
- $70 Million CPF
- $44 Million Private Investment
- $147 Million Total Investment
- 24 Projects
- 3,000 miles of fiber
- 38,000 targeted homes and businesses
- Connections underway

West Virginia Broadband Investment Plan
Projects Awarded in 2022

- Altice
- Altice
- Citynet
- Citynet
- Citynet
- Comcast
- Comcast
- Comcast
- DQE
- Frontier
- Frontier
- Greenbrier County
- Hardy Telecommunications
- Hardy Telecommunications
- Lingo
- Micrologic
- Monroe County
- Prodigi
- Prodigi
- Raleigh County Broadband
- Roane EDA
- Shentel
- Shentel
- Summers County

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2022 Combined Broadband Expansion in West Virginia

The WV Office of Broadband Tracks all Known Investment by Address Location

- $367 Million FCC RDOF

- $103 Million ARPA

- $44 Million Private Investment

- Additional funds via FCC RDOF, USDA, NTIA, ARC

- Private Investment on Track to Exceed $100 Million

West Virginia Billion-Dollar Broadband Plan

Addresses Passed by Program

- ACAM
- ARC Central
- ARC POWER
- CAFII
- CDBG
- NTIA (Gigabeam)
- RDOF
- USDA Community Connect
- USDA ReConnect
- WVBIP

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WEST VIRGINIA Office of Broadband

WEST VIRGINIA BROADBAND ENHANCEMENT COUNCIL

0 10 20 40 Miles

VGIN, Esri, HERE, Garmin, FAO, NOAA, USGS, EPA, NPS

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Total Grant Funding
$103,350,220

Projects
24

Targeted Locations
37,836

LEAD

Citynet
Green Valley Line Extension

Total Grant Funding - $1,191,534
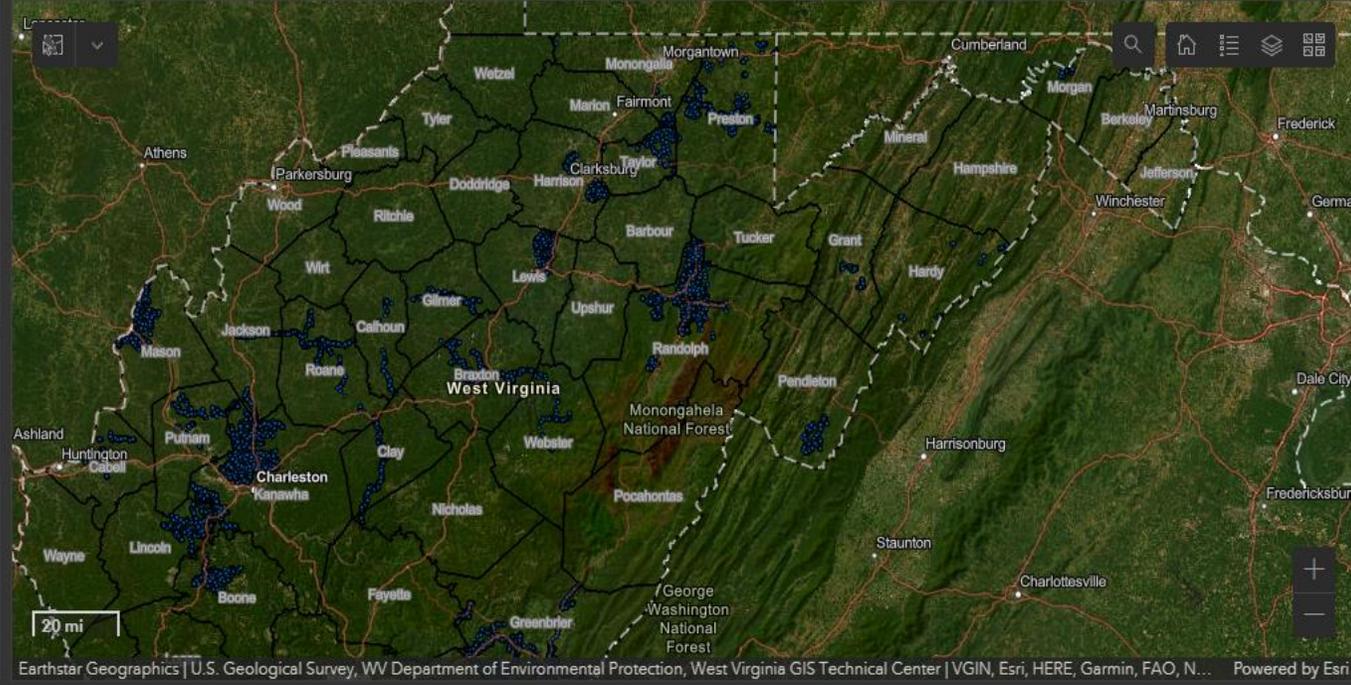
Targeted Addresses - 265

Comcast

GigReady

Monroe County
Monroe County Broadband

Total Grant Funding - $1,797,904

Targeted Addresses - 633

Raleigh County

MBPS

DQE Communications
Greater Hepzibah Area FTTH

Total Grant Funding - $1,088,278

Targeted Addresses - 476

Earthstar Geographics | U.S. Geological Survey, WV Department of Environmental Protection, West Virginia GIS Technical Center | VGIN, Esri, HERE, Garmin, FAO, N...   Powered by Esri

Total Funding
$548,209,442

Funding Programs

400M

200M

0

103.4M   34M   19.6M   11M   10.6M   5.7M   1.9M

Capital Projects Fund: Awarded Progress Meter

52%

52% of allocated funds under CPF has been awarded
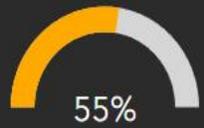
State and Local Fiscal Recover Fund: Progress Meter

37%
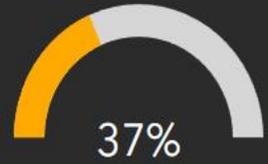
37% of funds allocated under SLFR have been awarded.
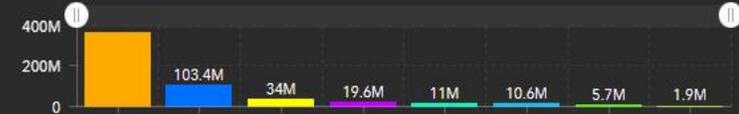
Billion-Dollar Broadband Plan: Progress Meter

55%

Goal to reach $1 Billion Funded

Targeted Locations per Program

GigReady 35.79%

LEAD 39.48%

MBPS 24.74%

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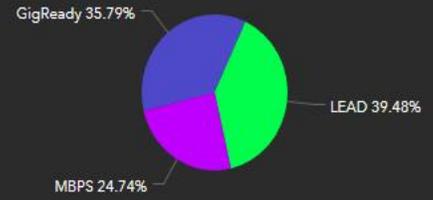
WVBIP Update - LEAD

Applicant	Project Name	Amount	Matching Funds	Targeted Addresses	Fiber Miles
1. Citynet	Green Valley Line Extension	1,191,535	188,500	265	26
2. Citynet	Shavers Fork, Helvetia, Crestview Line Extension	713,560	162,500	96	10
3. Comcast	Brooke, Hancock, Ohio, Marshall Line Extensions	4,721,590	2,064,978	1,462	59
4. Comcast	Cabell, Kanawha, Morgan, Putnam Line Extensions	2,885,246	1,111,628	716	119
5. Hardynet	East Hardy Line Extension	183,241	64,800	58	10
6. Hardynet	South Mill Creek Line Extension	416,984	140,000	117	5
7. Lingo	East Pendleton Phase I South Mill Creek	2,257,834	297,000	86	31
8. Prodigi	Northcentral Preston	4,592,645	870,500	1,203	93
9. Prodigi	West Preston-Valley District	3,840,913	803,500	1,455	60
10. Shentel	North Fork, Sunset Drive	420,630	238,500	141	9.5

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WVBIP Update - MBPS

MBPS Applicant	MBPS Project Name	Amount	Matching Funds	Targeted Addresses	Fiber Miles
1. Citynet	Thornton, Gladesville, Morgantown South	2,200,635	733,545	376	86
2. Comcast	Northern Panhandle Broadband Expansion	14,726,012	6,265,607	1,402	304
3. DQE	Greater Hepzibah Area FTTH	1,088,276	373,000	650	15
4. Frontier	Boone County-Turtle Creek	671,385	1,993,688	1,566	83
5. Frontier	West Mason	1,039,734	3,447,586	1,398	113
6. Shentel	Lewis County Broadband Expansion	1,119,113	466,500	457	27
7. Micrologic	Randolph County MBPS	13,977,410	2,979,000	3,991	282
MBPS TOTALS		$34,822,567	$16,258,926	9,840	910

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WVBIP Update - GigReady

GIGREADY Applicant	MBPS Project Name	Amount	Matching Funds	Targeted Addresses	Fiber Miles
1. Greenbrier County Commission	Greenbrier Co. Broadband Expansion	12,940,988	4,313,663	5,316	177
2. Monroe County Commission	Seneca Trail-Green Valley Road	1,797,904	599,301	633	30
3. Raleigh County Commission	Ghent Fiber Expansion	5,889,198	1,963,066	1,677	106
4. Roane County Economic Development Authority	Multi-County Broadband	17,057,869	5,685,956	4,878	287
5. Summers County Commission	Mountview to Bellepoint	3,703,147	1,234,382	1,036	65
GIGREADY TOTALS		$41,389,106	$13,796,368	13,540	665

IIJA Broadband Equity, Access, and Deployment
BEAD

A $42 Billion Federal Program to
Ensure that all Americans Have Internet Access.

West Virginia Planning Grant $5 Million

The Digital Equity Act

Planning and implementation programs that provide funding to promote digital inclusion and advance equity.

To ensure that all communities can access and use affordable, reliable high-speed internet.

West Virginia Planning Grant $728,000

Infrastructure Act – NTIA Programs

1. **BEAD (Equity, Access and Deployment) Program**
   a. Requires 5-Year Action Plan
      1. WV Application
      2. Plan Due: Within One Year

   $42 Billion Nationally
   Minimum $100 Million State Allocation

2. **Middle Mile Grant Program**

   $1 Billion Nationally
   Applications Due: September 30, 2022

3. **State Digital Equity Planning Grant**
      1. WV Application Approved September 30, 2022
      2. Plan Due: 270 Days from Award

   $60 Million Nationally

4. **Digital Equity Competitive Grant**

   $1.44 Billion Nationally

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Key Planning Partners

WV Office of Broadband

WV Broadband Enhancement Council

WV Regional Planning and Development Councils

WV Economic Development Council

WV Department of Education

West Virginia Library Commission

West Virginia University, Start Up WV

Marshall University, CBER

Tilson Technology Management, Inc.

Regional Optical Communications (ROC)

The Thrasher Group

FCC National Broadband Map

https://broadbandmap.fcc.gov/home.
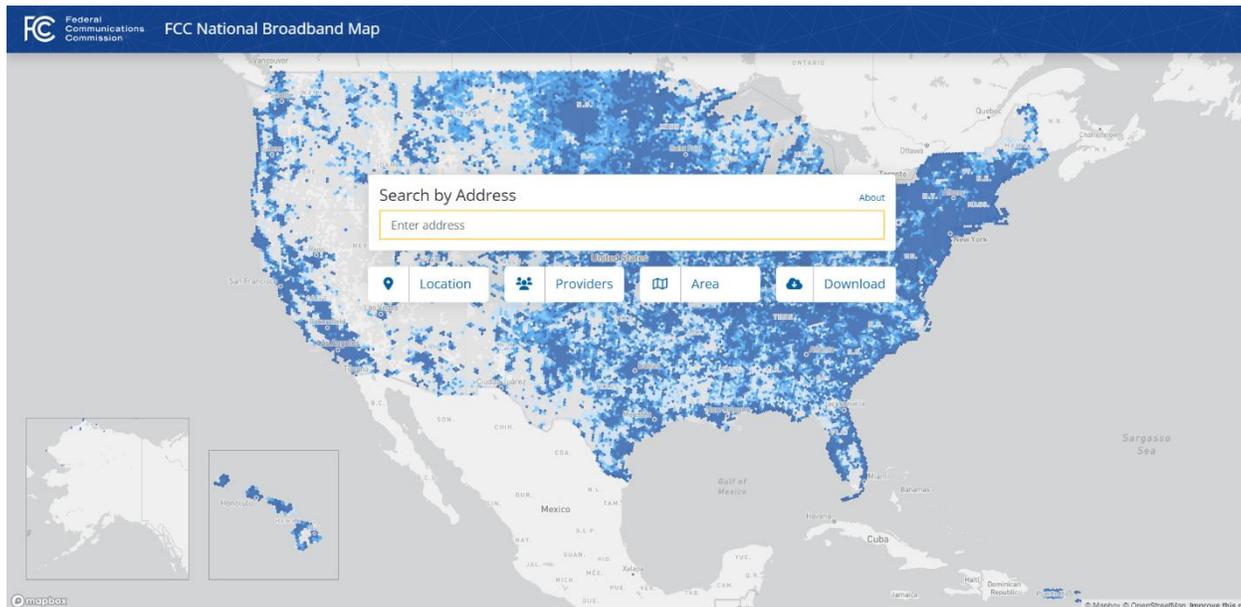
Submit a Location Challenge
- If a location is available on the map that includes inaccurate information, navigate to "Location Challenge" in the side-panel to complete the form.

Submit an Availability Challenge

- After searching a location, select "Availability Challenge" in the side-panel.
- Select the provider (ISP) you wish to challenge.
- Complete the form to dispute the provider's claim on service availability.
- Submit a separate challenge for each provider, if multiple providers are listed incorrectly.

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Action Items – Affordable Connectivity Program (ACP)

As of January 9
87,400 West Virginians have enrolled in ACP benefits.

A *household* is eligible if one member of the household meets at least *one* of the criteria below:

- Income at or below 200% of Federal Poverty Guidelines;

- Assistance programs, such as SNAP, Medicaid, Federal Public Housing Assistance, SSI, WIC, or Lifeline;

- Free and reduced school lunch or school breakfast, such as USDA Community Eligibility Provision;

- Federal Pell Grant during the current award year; or

- Eligibility for provider's existing low-income program.

1. Go to AffordableConnectivity.gov to submit online or mail-in application.

2. Contact participating provider to apply discount.

Additional resources are available at:

Support Contact
ACPSupport@usac.org or 1-877-384-2575

FCC ACP Information
https://www.fcc.gov/acp

https://broadband.wv.gov/

Potential Barriers

Pole Attachment Policies *WVPSC Case 22-0885-T-E-SC*

Permits and Clearances

www.broadband.wv.gov

2023 Look Ahead

Additional Project Announcements

IIJA Digital Equity Planning

IIJA BEAD Five-Year Plan Development

IIJA BEAD Broadband Workforce Council

Broadband DATA Act-FCC Challenge Process

www.broadband.wv.gov