

CAF Map

Bringing Broadband to Rural America

Presentation to
NARUC Committee on Telecommunications
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Universal Service
Administrative Co.

Welcome

Today's Speakers:

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Connect America Program

Program Goals

- Preserve and advance universal availability of voice service
- Drive universal availability of modern networks capable of providing voice and broadband service to homes and small businesses
- Drive universal availability of modern networks capable of providing advanced mobile voice and broadband service
- Ensure that rates for broadband and voice services are reasonably comparable in all regions of the nation
- Contain administrative costs and minimize the universal service contribution for consumers and businesses through efficient, effective program management

Connect America Program

Modernization of the High Cost Program Creates the **Connect America Fund**

FCC modernization orders
are transforming the High
Cost Program to create
the **Connect America
Fund**

Legacy

- High Cost
- Voice
- Maintaining service
- Cost-based funding
- Forms-based reporting requirements
- Beneficiary audits
- Compliance

Modernized

- Connect America
- Voice and broadband
- Maintaining and expanding service
- Incentive-based support
- Systems-based portal
- In-program deployment verification
- Success

High Cost Universal Broadband (HUBB) Portal

A system that collects the geographic coordinates (latitude and longitude) of locations where carriers are deploying broadband using Connect America support

- A tool for collecting location-specific service availability data from carriers across all Connect America Fund (modernized) programs – millions of individual records
- Real-time validation of data submissions
- Serves as a platform for verification and compliance
- **Provides the foundation for the CAF Map, a new public map that shows the impact of CAF funding on broadband expansion across rural America**
- Began with the July 2017 filing for Price Cap carriers, followed by March 2018 filing for carriers in multiple modernized funds
- **Next HUBB filing deadline is March 1, 2019**

CAF Map

USAC has launched a new public map that shows the impact of Connect America Fund support on broadband expansion across rural America. The CAF Map:

- Displays the geographic areas eligible for CAF support, as well as the specific fixed locations where carriers participating in the program have built out broadband service (by latitude and longitude)
- Uses broadband deployment data submitted by carriers to the HUBB
- Displays USF-funded broadband network availability by location, technology, speeds
- Displays summary data by state, as well as individual broadband deployment location

The CAF Map is linked to USAC's Open Data platform, which is where the data resides.

Broadband Deployment Data in the CAF Map

- CAF Map currently reflects broadband deployment as of Dec. 31, 2017, as certified in the HUBB as of March 1, 2018, by carriers participating in four funds:
 - Connect America Fund (CAF) Phase II Model-based Support
 - Alternative Connect America Cost Model (A-CAM)
 - Alaska Plan
 - Connect America Fund-Broadband Loop Support (CAF-BLS - less than 80 percent deployed)

Broadband Deployment Data in the CAF Map


- USAC will independently verify deployment to a sample of reported locations each year to monitor carrier compliance with CAF build-out obligations. The data currently in the map has not yet been subject to this process.
- CAF Map will be updated with additional broadband deployment information as it is filed and certified by carriers participating in these four funds and as more CAF programs are added
- Data currently displayed on the map is subject to change as carriers increase speeds offered, refine latitude/longitude and address information and correct inaccuracies

Where to Find the CAF Map?

1. www.USAC.org
2. High Cost Program
3. Tools
4. Connect America Fund Broadband Map

← → ↻ <https://www.usac.org/hc/tools/default.aspx> 🔍 ☆

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4 **Data Tools**

Connect America Fund Broadband Map	The Connect America Fund (CAF) Broadband Map displays the locations where providers receiving CAF support have built out mass-market, high-speed Internet service. Connect America Fund Broadband Map - User Guide 📄
HUBB State Access	This tool provides state commissioners with the deployed location data currently available in the online HUBB Portal. HUBB State Access Tool - Data Glossary 📄
Certification Search	This search tool can help a carrier discover whether or not their certification has been received by USAC.
Form 481 Program Year 2019 Data (Non-Confidential) 📄	Non-confidential FCC Form 481 data filed by carriers participating in the High Cost program

Onboarding



Connect America Fund Broadband Map

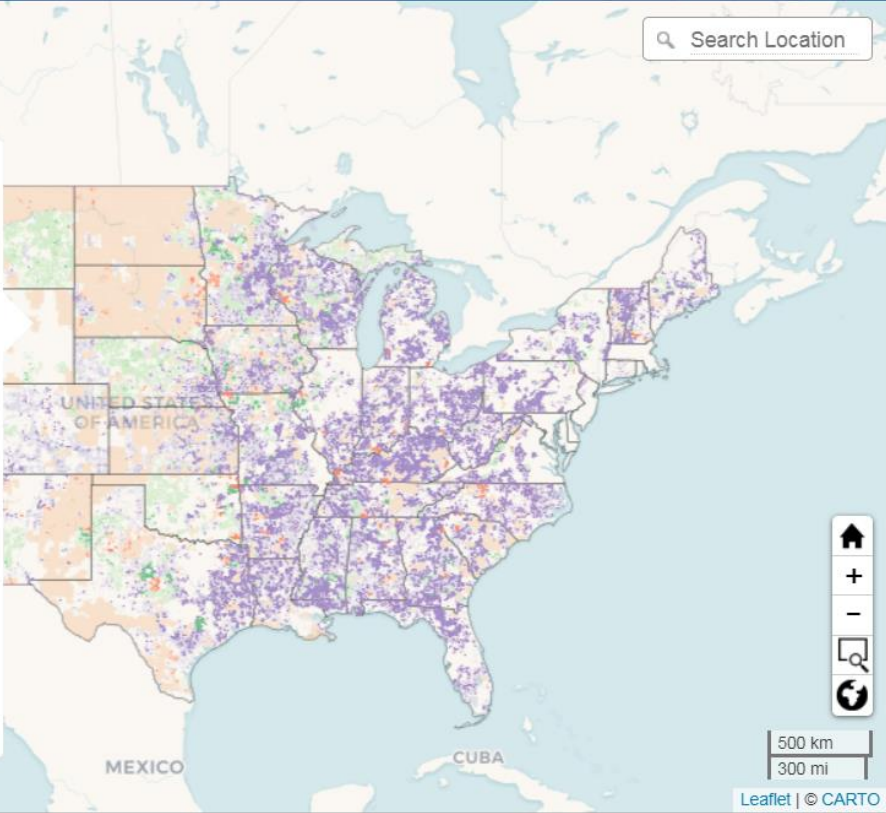
Feedback

Welcome to the Connect America Fund Broadband Map (CAF Map)!

The CAF Map displays the geographic areas that are eligible for CAF support, as well as the specific fixed locations where broadband service has been deployed. Each of the four funds displayed is represented by a different color. Users can zoom in or out, view the map in Satellite mode, or select a specific area on the map using the map controls on the bottom right of the map window. The State and Local data tables below the map window are updated as the map view changes at each zoom level.

Next

Search Location



500 km
300 mi

Leaflet | © CARTO

Fund

All Funds

State

All States

Company Name

Search Company Name

Speed (Applicable only to Local Data)

All Speeds

Deployment Year

All Years

Clear All Filters

State Data

Local Data

Displaying 1-25 of 799 records

Download Data

State

Fund

Company Name

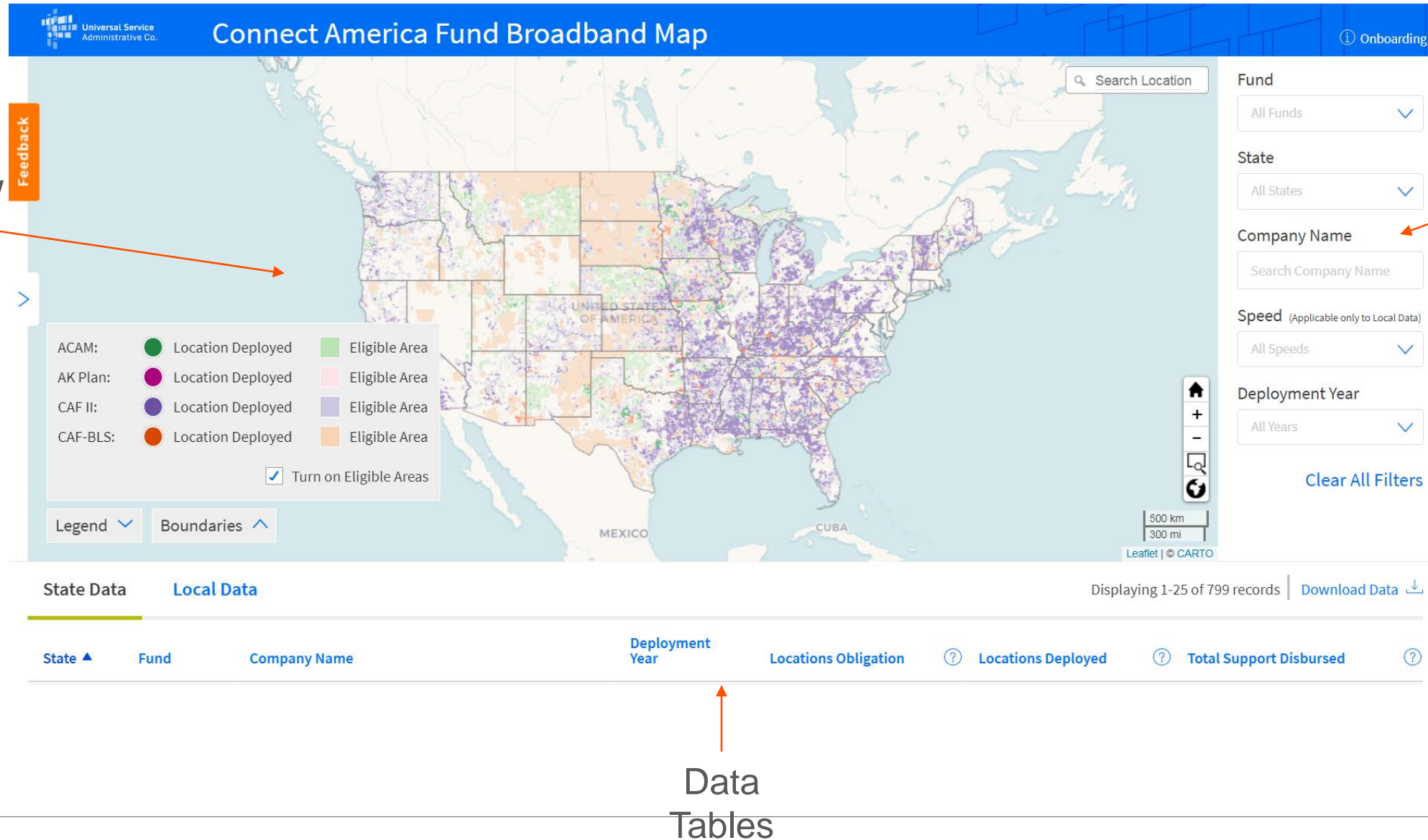
Deployment Year

Locations Obligation

Locations Deployed

Total Support Disbursed

CAF Map Concept



Information Panel

Information Panel slides out from the left and contains:

- Fund descriptions
- Link to copy of source data on USAC's Open Data platform



Connect America Fund Broadband Map

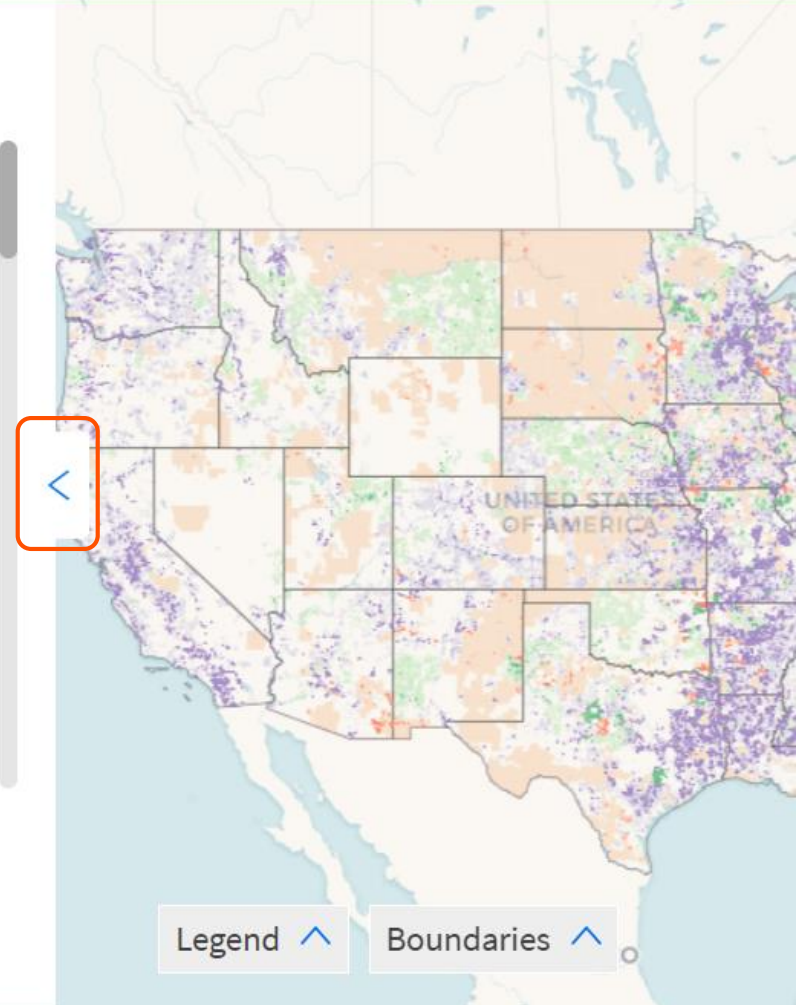
About the Funds

The federal Universal Service Fund High Cost program – also known as the Connect America Fund, or CAF – is designed to ensure that consumers in rural, insular and other underserved and unserved areas have access to modern communications networks and services at reasonable rates. The program provides funding to telecommunications carriers to deliver voice and broadband service, both fixed and mobile, at rates that are reasonably comparable to those in urban areas.

The Connect America Fund Broadband Map (CAF Map) displays the geographic areas that are eligible for CAF support, as well as the

CAF Map is based on data certified in the HUBB as of 3/1/2018.

Access the [data source](#)



Map Window

The screenshot displays the 'Connect America Fund Broadband Map' interface. At the top, a blue header bar contains the 'Universal Service Administrative Co.' logo and the title. The main map area shows the United States with various colored overlays representing broadband deployment and eligible areas. A detailed information popup is visible for a specific location in Michigan, listing address, coordinates, company name, fund, speed, and deployment details. On the left, a vertical sidebar includes a 'Feedback' button and expandable sections for 'Legend and Boundaries'. The legend section is currently expanded, showing color-coded keys for different broadband plans (ACAM, AK Plan, CAF II, CAF-BLS) and a checkbox for 'Turn on Eligible Areas'. Below the legend are buttons for 'Legend' and 'Boundaries'. On the right side of the map, there is a 'Search Location' input box and a vertical controller with navigation icons (home, zoom in, zoom out, search, full screen) and a scale bar. Red arrows point from text labels to these specific UI elements.

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Connect America Fund Broadband Map

30126 E BILL ROBINSON DR
DRUMMOND ISLAND, MI 49726

Latitude: 46.011831
Longitude: -83.736068
Company Name: LICT CORPORATION
Fund: ACAM
Speed: 25 Mbps/3 Mbps
Locations Deployed: 1
Deployment Year: 2017

Search Location

Deployment Point

Search Box

Legend and Boundaries

Feedback

Legend

Boundaries

ACAM: Location Deployed Eligible Area
AK Plan: Location Deployed Eligible Area
CAF II: Location Deployed Eligible Area
CAF-BLS: Location Deployed Eligible Area

☒ Turn on Eligible Areas

Vertical Controllers

500 km
300 mi

Leaflet | © CARTO

Filter Panel

Fund

All Funds

State

All States

Company Name

Search Company Name

Speed (Applicable only to Local Data)

All Speeds

Deployment Year

All Years

Clear All Filters

Data Tables

State Data

Local Data

Filtered by:

Company Name

Displaying 1-25 of 36 records

[Download Data](#)

State ▲	Fund	Company Name	Deployment Year	Locations Obligation	Locations Deployed	Total Support Disbursed
AL	CAF II	AT&T INC.	2016	-	4,461	\$23,431,929.00
AL	CAF II	AT&T INC.	2017	26,707	39,331	\$46,759,283.00
AR	CAF II	AT&T INC.	2016	-	548	\$21,350,832.00
AR	CAF II	AT&T INC.	2017	20,717	28,342	\$42,701,664.00

State Data

Local Data

Displaying 1-25 of 1,848,465 records

[Download Data](#)

Fund ▲	Company Name	Deployment Address	Locations Deployed	Download/Upload Speed Tier	Deployment Year
ACAM	COLORADO VALLEY TELEPHONE COOPERATIVE, INC.	5131 S US 77, GIDDINGS, TX, 78942	1	25 Mbps/3 Mbps	2017
ACAM	FARMERS MUTUAL COOPERATIVE TELEPHONE COMPANY	107 8TH AVE, DEFIANCE, IA, 51527	1	10 Mbps/1 Mbps	2016
ACAM	TELEPHONE ELECTRONICS CORPORATION	2140 SCR 97, RALEIGH, MS, 39153	1	10 Mbps/1 Mbps	2017

Questions?