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

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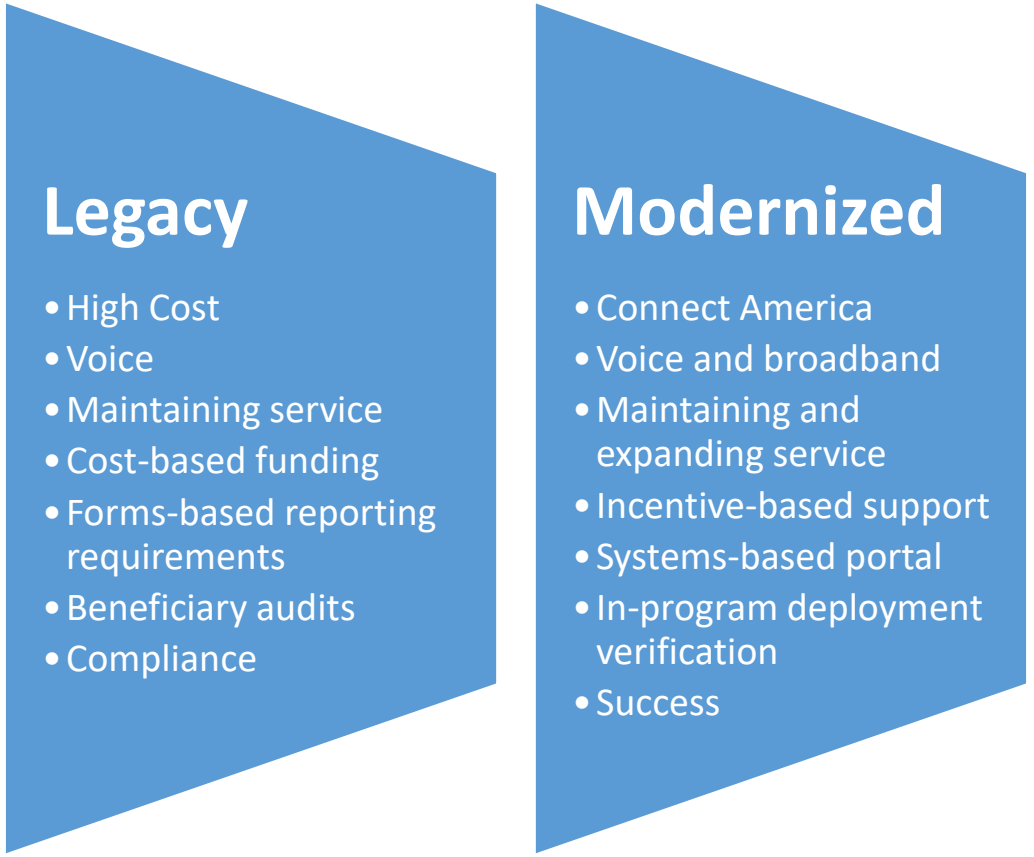
Connect America Program

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**



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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**

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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.

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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)

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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

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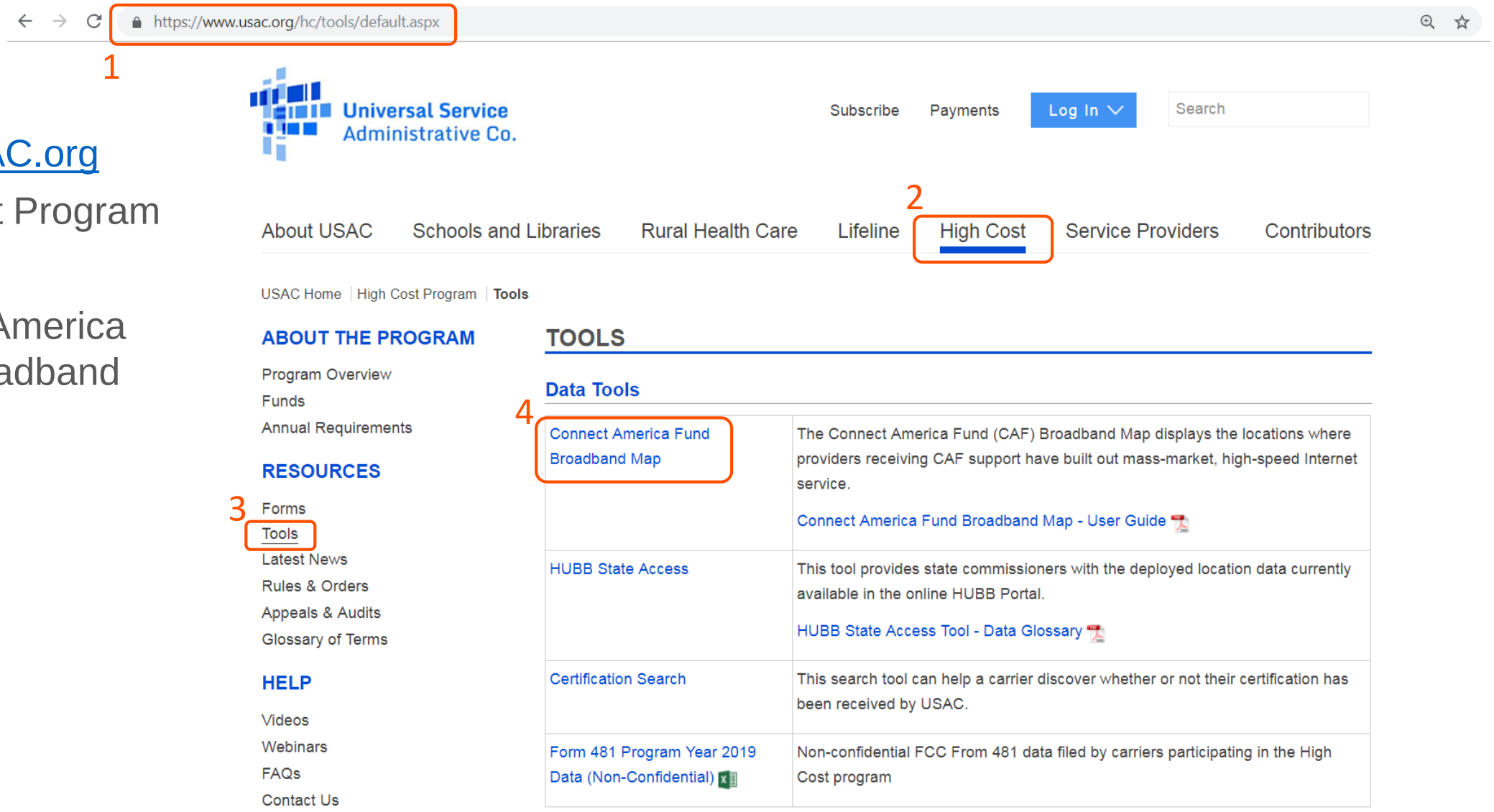
Where to Find the CAF Map?

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



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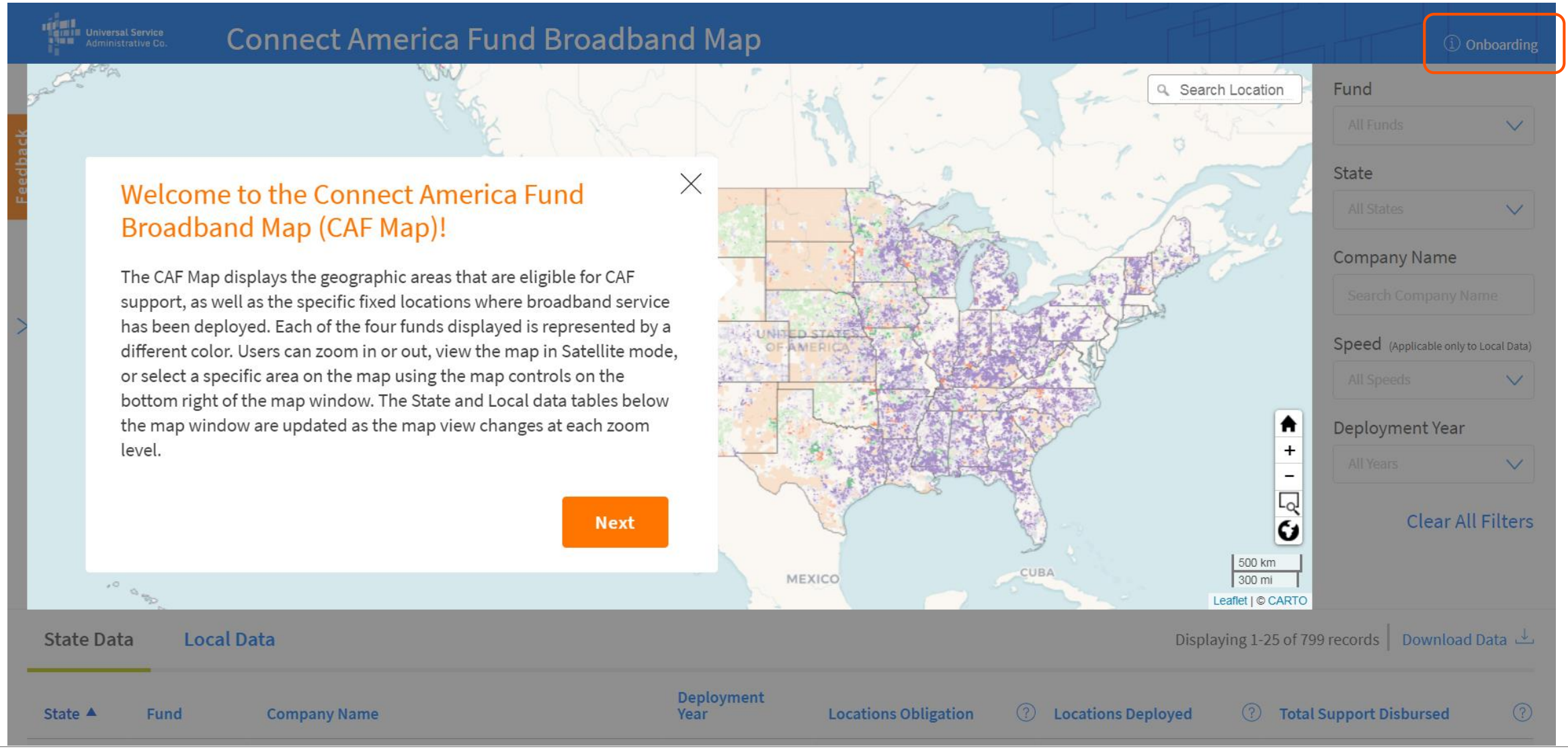
Onboarding



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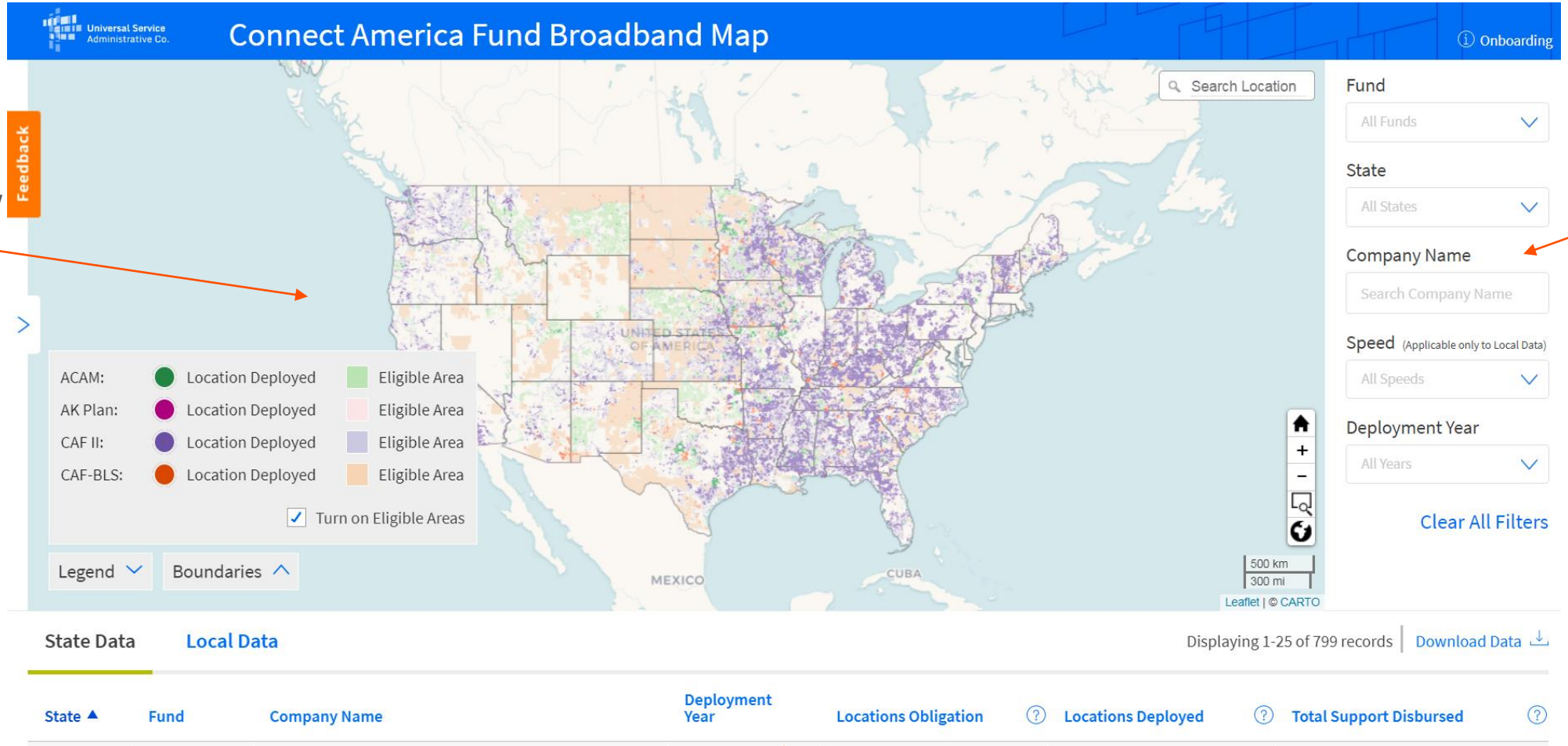
CAF Map Concept



Map View

Filter Panel

Data Tables

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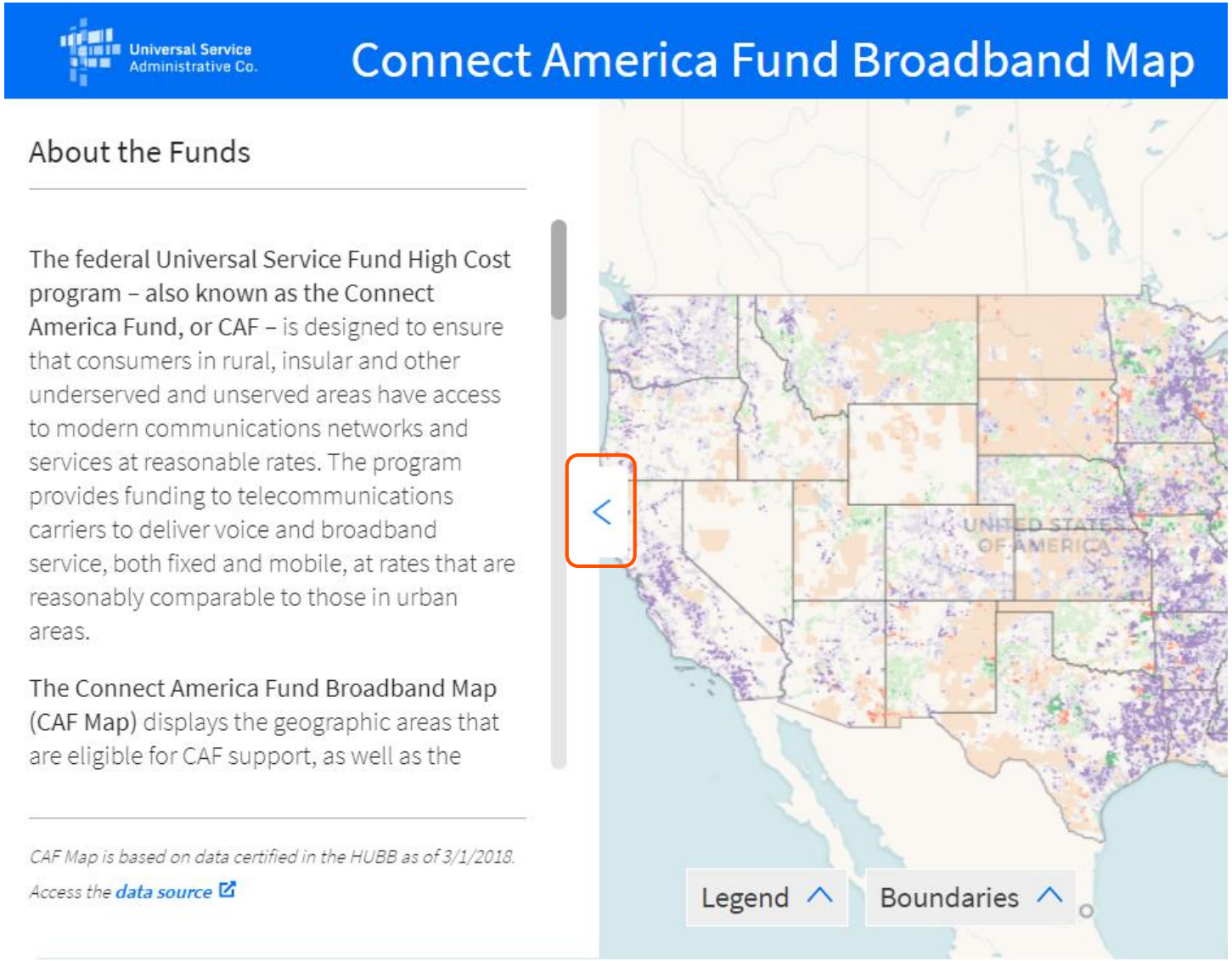
Information Panel

Information Panel slides out from the left and contains:

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



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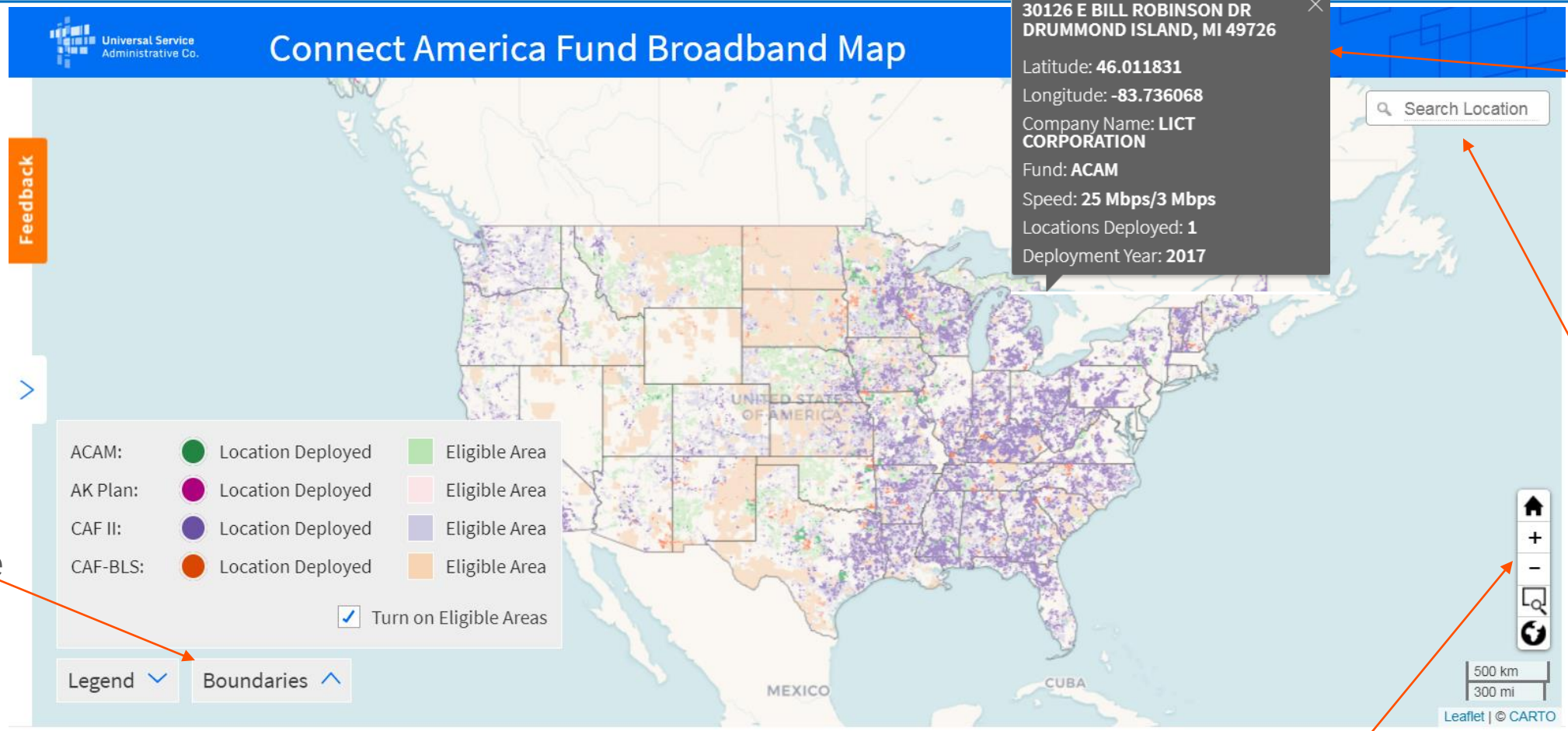
Map Window



Deployment Point

Search Box

Legend and Boundaries

Vertical Controllers

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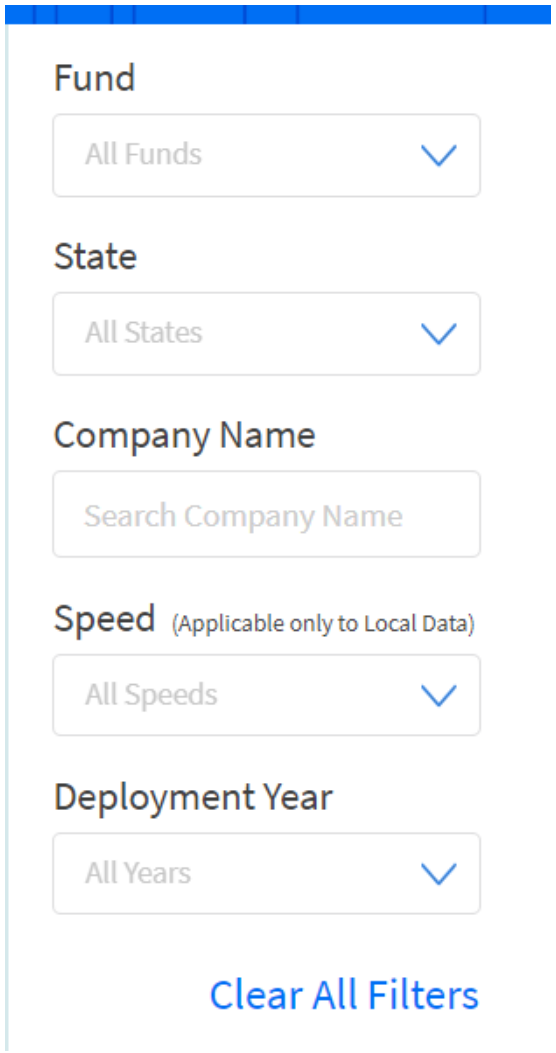
Filter Panel



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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

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Questions?