

This document provides details on what changes were made to the interactive map since the last update in 2016.

Data Updates

- Broadband availability data as of December 31, 2016
- Community Anchor Institution data as of July 31, 2017
- Adoption¹ calculations based on subscription data as of December 31, 2016 for all populated census tracts
- Public feedback layer data as of July 31, 2017
- CalSPEED data updated every 24 hours
- CASF applications as of December 11, 2017
- CASF Approved Last Mile Projects as of December 2017
- Interpolated mobile coverage and speeds based on fall 2017 mobile field test results using mean minus two standard deviations
- Provider Right of First Refusal data as of January 17, 2018

Display & Function Updates

- Community Anchor Institutions – added Transportation, Utilities, Emergency Broadcast Centers, and Fairgrounds.
- Connect America Fund Phase II eligible census blocks (CAF II CAM43 Supported Locations)
- Housing density layer
- Address lookup tool survey now lists CalSPEED.org and Speedtest.net as options
- BIP BTOP layers are deleted.
- New Layer for CASF Approved Middle Mile Projects (Broadband Grants Layer Group)
- Adoption group renamed to “Broadband Adoption” containing:
 - New symbology for adoption layers to mimic the FCC’s map
 - New layer showing adoption of served speeds (6 Mbps down and 1 Mbps up or greater)
 - New layer for Median Household Income
- Broadband Availability Layer Group now called Broadband Deployment
- CASF Approved Last Mile, CAFII and ROFR areas now combined into the “CASF Eligibility Restrictions” layer. This layer changes display based on zoom level to show a simple and subtle view at statewide/region zoom extents and a detailed view when zoomed closer in.

¹ Broadband adoption is defined as the number of broadband subscriptions (over 200 kilobits per second in both directions or higher) divided by the number of households with broadband available at those speeds. The FCC defines broadband using total number of households in the denominator rather than households with broadband available.

About Mobile Wireless Availability Resolution

The interpolation model we use for mobile wireless availability provides a birds-eye view of likely speed and coverage, but it is not accurate down to a specific address. For more information about mobile wireless validation, please refer to our validation procedures.

Technology	Number of Providers for Dec. 2016 Submission (new)	Number of Providers for Dec. 2015 Submission (old)
Wireline	56	40
Fixed Wireless	35	33
Mobile	4	4
Wireline/Fixed Wireless	10	8
Total	105	71

The providers from whom we received data represent 99% of the reported broadband subscribers in California.