

Data Format for Fixed Broadband and Video Deployment by Location and Address

INSTRUCTIONS:

- When naming your file for submission, please use letters (a-z), numbers (0-9) and underscores only. Please do not use dashes, hyphens, or spaces in the file name, and please do not start your file name with a number.
- If you do not have an FCC Registration Number, we encourage you to register and participate in the FCC’s semi-annual Broadband Data Collection. This is separate from CPUC’s annual Broadband Data Collection. Submission of your broadband data to the FCC will help to ensure that your Fixed Broadband Deployment is reflected in national broadband maps and may offer additional opportunities to apply for federal grants. More information here: [Broadband Data Collection \(BDC\) FAQs – BDC Help Center](#)
- If you experience difficulty uploading your deployment file and your file contains greater than 500,000 entries, please try submitting your deployment data in multiple, smaller files.
- Please also note that while Fixed Broadband Deployment data may be submitted in .csv format, Video Deployment data **must** be submitted in .csv format. If you are both a Fixed Broadband provider and Video Franchisee and choose to submit Fixed Broadband Deployment as a KMZ file or Shapefile, the Video Deployment must still be provided as a separate .csv file.

**Please submit your data using the corresponding
‘Fixed Broadband and Video Deployment by Address – 2026.csv’.**

DATA FIELDS:

Field	Description	Type	Example
Brand Name (<i>brand_name</i>)	Name of the entity or service advertised or offered to consumers.	String	AAA Company
FRN (<i>FRN</i>)	Provider FCC Registration Number – search here (<i>ONLY numbers, no other characters</i>) (<i>If provider is not in the FCC Database, leave blank</i>)	String	0008402202
Provider ID (<i>provider_id</i>)	A unique 6-digit code generated by the FCC that identifies each service provider. – search here (<i>If provider is not in the FCC Database, enter six zeroes, i.e., 000000</i>).	Integer	123456
Business / Residential Category (<i>business_residential_code</i>)	Enumerated character identifying whether the service at the location is business-only, residential-only, or offered to both business and residential customers. Value entered must be one of the following codes: B – Business-only service R – Residential-only service X – Business and Residential service	Enumerated String {1}	B

	G – Group Quarters service If distinct residential and business services, each with different maximum advertised download and upload speeds, are offered at the same location, enter those services as separate records, one with R and one with B.		
CostQuest Location Data (Optional Submission)			
Location ID (<i>location_id</i>)	A unique identifier for the location served. A Location ID will be included for each location in the Broadband Serviceable Location Fabric when the Fabric is made available to filers.	String	1234567890
Address and Location Data			
Street Address (<i>Address</i>)	Street Address including House Number, Prefix, Street Name, Street Type and Suffix. <u>No P.O. Boxes!</u>	Text	123 N Main St
Unit Number (<i>Unit</i>)	Unit number or letter if applicable. (<i>Optional</i>)	Text	Apt. 1
City (<i>City</i>)	City Name (<i>Full complete city name, abbreviations are not accepted</i>)	Text	San Francisco
State (<i>State</i>)	Abbreviated US State Name	Text	CA
Zip Code 5 (<i>Zip5</i>)	5 Digit Zip Code	Integer	94102
Zip Code 4 (<i>Zip4</i>)	4 Digit Zip Code (<i>Optional</i>)	Integer	1234
Geographic Coordinates			
Latitude (<i>Latitude</i>)	Latitude coordinate of the subscriber location. It must have at least 6 decimal places. Must be in the <u>WGS84</u> or <u>NAD83</u> geographic coordinate system. (<i>value must be within 32 to 42</i>)	Float	37.780479
Longitude (<i>Longitude</i>)	Longitude coordinate of the subscriber location. It must have at least 6 decimal places. Must be in the <u>WGS84</u> or <u>NAD83</u> geographic coordinate system. (<i>value must be within -114 to 124</i>)	Float	-122.421017
Type of Video Service Deployed			
Service Area Type (<i>Service_Area_Type</i>)	Service Area Type (State Franchise or Local Franchise) (<i>for Video Franchisees only, otherwise leave blank</i>).	Text	State Franchise
Telephone Service Area (<i>Tele_Service_Area</i>)	Is this address in your Telephone Service Area? (Y/N) (<i>for Telephone Companies only, otherwise leave blank</i>).	Text	Y

Broadband Data

<p>Technology (technology)</p>	<p>Category of technology for the provision of Internet access service used by the portion of the connection that would terminate at the end-user location (premises). Acceptable codes for this section are:</p> <p>10 = Asymmetric xDSL 11 = ADSL2, ADSL2+ 12 = VDSL 20 = Symmetric xDSL 30 = Other Copper Wireline (all copper-wire based technologies other than xDSL; Ethernet over copper and T-1 are examples) 40 = Cable Modem other than DOCSIS 1, 1.1, 2.0, 3.0, 3.1 or 4.0 41 = Cable Modem – DOCSIS 1, 1.1 or 2.0 42 = Cable Modem – DOCSIS 3.0 43 = Cable Modem – DOCSIS 3.1 44 = Cable Modem – DOCSIS 4.0 50 = Optical Carrier / Fiber to the end user (Fiber to the home or business end user, does not include “fiber to the curb”) 60 = Satellite 70 = Unlicensed Terrestrial Fixed Wireless 71 = Licensed Terrestrial Fixed Wireless 72 = Licensed-by-Rule Terrestrial Fixed Wireless 90 = Electric Power Line 0 = All Other</p>	<p>Integer</p>	<p>50</p>
<p>Maximum Advertised Download Speed (max_advertised_ download_speed)</p>	<p>Maximum advertised download speed, in Mbps, offered to the end user(s) at the location. Enter the value as an integer. The system will reject a file if the value in this field is not an integer and does not meet the requirements below. It will not round or truncate decimals.</p> <p><u>Service Below 25/3 Mbps</u> Regarding the maximum advertised speeds of the service offered, if the download is less than 25 Mbps or the upload is less than 3 Mbps, but either the download or upload speed is at least 200 kbps, then report using one of the following service tiers:</p> <p>1) If the maximum advertised download speed is less than 10 Mbps or the maximum advertised upload speed is less than 1 Mbps: enter 0. The system will ask the filer to confirm that the service offered falls in this tier.</p> <p>2) If the maximum advertised download speed is greater than or equal to 10 Mbps and the maximum advertised upload speed is greater than or equal to 1 Mbps: enter 10.</p> <p>For example, speed combinations of 50/2 Mbps (down/up), 10/10 Mbps, and 10/20 Mbps should all be reported as 10 in this field (Since they all meet or exceed a 10/1 Mbps speed for both download and upload). Speed combinations of 5/5 Mbps and</p>	<p>Integer</p>	<p>800</p>

Broadband Data			
	<p>10/0.768 Mbps should report 0 in this field (since they do not meet a 10/1 Mbps speed).</p> <p><u>Service At or Above 25/3 Mbps</u></p> <p>If the service offered has a maximum advertised download speed that is greater than or equal to 25 Mbps and a maximum advertised upload speed that is greater than or equal to 3 Mbps, enter the value of the advertised download speed in Mbps as an integer. If no downstream speed is advertised for the service, enter the speed that end users should expect to receive.</p>		
<p>Maximum Advertised Upload Speed (max_advertised_upload_speed)</p>	<p>Maximum advertised upload speed, in Mbps, associated with the maximum advertised download speed offered to the end user(s) at the location. Enter the value as an integer. The system will reject a file if the value in this field is not an integer; it will not round or truncate decimals.</p> <p><u>Service Below 25/3 Mbps</u></p> <p>Regarding the maximum advertised speeds of the service offered, if the download is less than 25 Mbps or the upload is less than 3 Mbps, but either the download or upload speed is at least 200 kbps, then report using one of the following service tiers:</p> <p>1) If the maximum upload speed is less than 1 Mbps or the download speed is less than 10 Mbps: enter 0. The system will ask the filer to confirm that the service offered falls in this tier.</p> <p>2) If the maximum upload speed is greater than or equal to 1 Mbps and the download speed is greater than or equal to 10 Mbps: enter 1.</p> <p>For example, speed combinations of 50/2 Mbps (down/up), 10/10 Mbps, and 10/20 Mbps should all report 1 in this field (since all meet or exceed a 10/1 Mbps speed for both download and upload). Speed combinations of 5/5 Mbps and 10/0.768 Mbps should report 0 in this field (since they do not meet a 10/1 Mbps speed).</p> <p><u>Service At or Above 25/3 Mbps</u></p> <p>If the service offered has a maximum advertised upload speed that is greater than or equal to 3 Mbps paired with a maximum advertised download speed that is greater than or equal to 25 Mbps, enter the value of the advertised upload speed in Mbps as an integer.</p> <p>If no upstream speed is advertised for the service, enter the speed that end users should expect to receive.</p>	Integer	20
Low Latency Indicator (Optional Submission)			
<p>Low latency (low_latency)</p>	<p>The offered service is low latency, defined as having round-trip latency of less than or equal to 100 milliseconds based on the 95th percentile of measurements.</p> <p><i>Value must be one of the following codes:</i></p> <p><i>0 – False</i></p> <p><i>1 – True</i></p>	Boolean Integer	1