

Data Format for Fixed Broadband and Video Subscribers 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 subscriber file and your file contains greater than 500,000 entries, please try submitting your subscriber data in multiple, smaller files.

**Please submit your data using the corresponding
‘Fixed Broadband and Video Subscribers 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 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.	Enumerated String {1}	B

CostQuest Location Data (Optional Submission)			
Location ID (location_id)	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			
Subscriber Street Address (SubAddress)	Subscriber Street Address including House Number, Prefix, Street Name, Street Type and Suffix. <u>No P.O. Boxes!</u>	String	123 N Main St
Subscriber Unit Number (SubUnit)	Subscriber Address Unit number or letter if applicable. (Optional)	String	Apt. 1
Subscriber City (SubCity)	Subscriber City Name. (Full complete city name, abbreviations are not accepted)	String	San Francisco
Subscriber State (SubState)	Subscriber Abbreviated US State Name	String	CA
Subscriber Zip Code 5 (SubZip5)	5 Digit Zip Code	Integer	94102
Subscriber Zip Code 4 (SubZip4)	4 Digit Zip Code (Optional)	Integer	1234
Geographic Coordinates			
Latitude (Latitude)	Latitude coordinate of the subscriber location. It must have at least 6 decimal places. Must be in the WGS84 or NAD83 geographic coordinate system. (value must be within 32 to 42)	Float	37.780479
Longitude (Longitude)	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. (value must be within -114 to 124)	Float	-122.421017
Type of Video Service Deployed			
Service Area Type (Service_Area_Type)	Service Area Type (State Franchise or Local Franchise) (for Video Franchisees only, otherwise leave blank)	Text	State Franchise
Telephone Service Area (Tele_Service_Area)	Is this address in your Telephone Service Area? (Y/N) (for Telephone Companies only, otherwise leave blank)	Text	Y

Broadband Data

<p>Technology of Transmission (<i>Technology</i>)</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>10</p>
<p>Subscriber Downstream Bandwidth (<i>SubDown</i>)</p>	<p>The downstream speed in Mbps to which the customer at this address subscribes (i.e. 800).</p> <p>If the customer subscribes to a download speed that is greater than or equal to 25 Mbps and an upload speed that is greater than or equal to 3 Mbps, enter the value of the advertised download speed in Mbps.</p> <p>If the customer subscribes to a download speed of less than 25 Mbps or with an upload speed that is less than 3 Mbps, report using one of the following service tiers:</p> <ul style="list-style-type: none"> • If the download speed is greater than 200 kbps but less than 10 Mbps and the upload speed is less than 1 Mbps: enter 0. • If the download speed is greater than or equal to 10 Mbps but less than 25 Mbps and the upload speed is greater than or equal to 1 Mbps but less than 3 Mbps: enter 10. 	<p>Integer</p>	<p>800</p>
<p>Subscriber Upstream Bandwidth (<i>SubUp</i>)</p>	<p>The upstream speed in Mbps to which the customer at this address subscribes (i.e. 20).</p> <p>If the customer subscribes to a download speed that is greater than or equal to 25 Mbps and the upload speed that is greater than or equal to 3 Mbps, enter the value of the upload speed in Mbps.</p>	<p>Integer</p>	<p>20</p>

Broadband Data

	<p>If the customer subscribes to an upload speed of less than 3 Mbps or a download speed that is less than 25 Mbps, report using one of the following service tiers:</p> <ul style="list-style-type: none"> • If the subscribed upload speed is less than 1 Mbps and the download speed is greater than 200 kbps but less than 10 Mbps: enter 0. • If the subscribed upload speed is greater than or equal to 1 Mbps but less than 3 Mbps and the download speed is greater than or equal to 10 Mbps but less than 25 Mbps: enter 1. 		
Total Connections (<i>TotConnect</i>)	Number of connections at this address for this combination of technology code, upstream bandwidth and downstream bandwidth.	Integer	1
Consumer Connections (<i>ConConnect</i>)	Number of connections at this address for this combination of technology code, upstream bandwidth and downstream bandwidth provided in consumer-grade service plans. Consider connections to be “consumer” or “residential” when they deliver Internet-access services that are primarily purchased by, designed for, and/or marketed to residential end users.	Integer	1