Record Format for Service Overview by County

Field Name	Description	Data Type	Field Length	Example
Provider Identification Data				
ProvName	Provider Name	Text	200	ABC Co.
DBAName	"Doing-business-as" name	Text	200	Superfone, Inc.
FRN	Provider FCC Registration Number *(ONLY numbers no other characters)*	Text	10	8402202
County Identification Data				
GeogUnitType	Geographic Unit Type *(please use CO which means County)*	Text	4	CO
StateCountyFIPS	5-digit Federal Information Processing Standard (FIPS) Code identifying individual States and individual Counties combined. Must include leading "0" if applicable. *(see State County FIPS table)*	Text	5	06073
Broadband Technology and Speed Data				
TransTech	Category of technology available for the provision of service at the address *(See Technology of Transmission table)*	Short Integer	2	10
MaxAdvDown	Speed tier code for the maximum advertised downstream speed available *(See Download Speed Tier table)* *Note: Value must be equal or greater than MaxAdvUp speed*	Text	2	3
MaxAdvUp	Speed tier code for the maximum advertised upstream speed that is offered with the above maximum advertised downstream speed available	Text	2	2

Field Name	Description	Data Type	Field Length	Example
	(See Upload Speed Tier table) *Note: Value must be equal or less than MaxAdvDown speed*			
TypicDown	Speed tier code for the downstream data transfer throughput rate that most subscribers to service at the maximum advertised downstream speed (above) can achieve consistently during expected periods of heavy network usage *(See Download Speed Tier table)* *Note: Value must be equal or greater than TypicUp speed*	Text	2	3
TypicUp	Speed tier code for the upstream data transfer throughput rate that most subscribers to service at the maximum advertised upstream speed (above) can achieve consistently during expected periods of heavy network usage *(See Upload Speed Tier table)* *Note: Value must be equal or less than TypicDown speed*	Text	2	2
ARPU	Average Revenue Per User Speed Offering	Double	8	500
SWNomSpeed	Subscriber-weighted nominal speed (blended average rate in kbps) *refer to formula below*	Double	8	2753.3
StateAbbr	State Abbreviation	Text	2	CA

Technology of Transmission Codes
(Use in TransTech field)

Code	Description
10	Asymmetric xDSL
20	Symmetric xDSL
30	Other Copper Wireline
40	Cable Modem – DOCSIS 3.0
41	Cable Modem – Other
50	Optical Carrier/Fiber to the End User
60	Satellite
70	Terrestrial Fixed Wireless - Unlicensed
71	Terrestrial Fixed Wireless - Licensed
80	Terrestrial Mobile Wireless
90	Electric Power Line
0	All Other

Download Speed Tier Codes
(Use in MaxAdvDown, TypicDown fields)

3	Greater than or equal to 768 kbps and less than 1.5 mbps
4	Greater than or equal to 1.5 mbps and less than 3 mbps
5	Greater than or equal to 3 mbps and less than 6 mbps
6	Greater than or equal to 6 mbps and less than 10 mbps
7	Greater than or equal to 10 mbps and less than 25 mbps
8	Greater than or equal to 25 mbps and less than 50 mbps
9	Greater than or equal to 50 mbps and less than 100 mbps
10	Greater than or equal to 100 mbps and less than 1 gbps
11	Greater than or equal to 1 gbps

Upload Speed Tier Codes
(Use in MaxAdvUp, TypicUp fields)

1	Less than or equal to 200 kbps
2	Greater than 200 kbps and less than 768 kbps
3	Greater than or equal to 768 kbps and less than 1.5 mbps
4	Greater than or equal to 1.5 mbps and less than 3 mbps
5	Greater than or equal to 3 mbps and less than 6 mbps
6	Greater than or equal to 6 mbps and less than 10 mbps
7	Greater than or equal to 10 mbps and less than 25 mbps
8	Greater than or equal to 25 mbps and less than 50 mbps
9	Greater than or equal to 50 mbps and less than 100 mbps
10	Greater than or equal to 100 mbps and less than 1 gbps
11	Greater than or equal to 1 gbps

Subscriber-Weighted Nominal Speed Formula
(used in SWNomSpeed field)

Here is information from the NOFA (page 52/63) on calculating Subscriber Weighted Nominal Speed.

7. A provider's subscriber-weighted nominal speed (in kbps) should be calculated as the sum of the products of the provider's advertised maximum download data transmission rate (in kbps) for each residential rate tier advertised by the provider in the county, times the average monthly number of residential subscribers receiving the advertised download transmission rate tier for the relevant reporting month (i.e., June or December, as applicable), divided by the average total number of residential subscribers for all the included data transmission rate tiers in the county for that month. This is expressed in the following formula:

$$\frac{(speed\ tier\text{-}1\ in\ kbps\ x\ no.\ of\ tier\text{-}1\ subscribers) + (speed\ tier\text{-}2\ in\ kbps\ x\ no.\ of\ tier\text{-}2\ subscribers) + \ldots}{total\ average\ monthly\ subscribers}$$

For example, if the service provider offers two tiers of service with advertised maximum download speeds of 1500 kbps and 6000 kbps, calculate the product of 1500 kbps times the average monthly number of residential subscribers to the 1500 kbps speed tier plus the product of 6000 kbps times the average monthly number of residential subscribers to the 6000 kbps speed tier and divide the sum by the sum (or total) of the average monthly number of residential subscribers in both tiers.

State County FIPS Code
(Use in StateCountyFIPS field)

	GUnitName	StateCountyFIPS	GeoUnitType
1	Alameda	06001	CO
2	Alpine	06003	CO
3	Amador	06005	CO
4	Butte	06007	CO
5	Calaveras	06009	CO
6	Colusa	06011	CO
7	Contra Costa	06013	CO
8	Del Norte	06015	CO
9	El Dorado	06017	CO
10	Fresno	06019	CO
11	Glenn	06021	CO
12	Humboldt	06023	CO
13	Imperial	06025	CO
14	Inyo	06027	CO
15	Kern	06029	CO
16	Kings	06031	CO
17	Lake	06033	CO
18	Lassen	06035	CO
19	Los Angeles	06037	CO
20	Madera	06039	CO
21	Marin	06041	CO
22	Mariposa	06043	CO
23	Mendocino	06045	CO
24	Merced	06047	CO
25	Modoc	06049	CO
26	Mono	06051	CO
27	Monterey	06053	CO
28	Napa	06055	CO
29	Nevada	06057	CO
30	Orange	06059	CO
31	Placer	06061	CO
32	Plumas	06063	CO
33	Riverside	06065	CO
34	Sacramento	06067	CO
35	San Benito	06069	CO
36	San Bernardino	06071	CO
37	San Diego	06073	CO
38	San Francisco	06075	CO
39	San Joaquin	06077	CO
40	San Luis Obispo	06079	CO
41	San Mateo	06081	CO
42	Santa Barbara	06083	CO
43	Santa Clara	06085	CO
44	Santa Cruz	06087	CO

45	Shasta	06089	CO
46	Sierra	06091	CO
47	Siskiyou	06093	CO
48	Solano	06095	CO
49	Sonoma	06097	CO
50	Stanislaus	06099	CO
51	Sutter	06101	CO
52	Tehama	06103	CO
53	Trinity	06105	CO
54	Tulare	06107	CO
55	Tuolumne	06109	CO
56	Ventura	06111	CO
57	Yolo	06113	CO
58	Yuba	06115	CO