

Data Formatting

All data should be submitted in a .csv (comma-delimited) format. The sheets in the workbook provide a template for how the tables should be designed.

The required format for the entries in each column/field is indicated in the instructions for each sheet.

Column entries in **bold red** indicate that the party should enter only one of the possible entries listed for that column. No other entries should be entered.

Data for all of the tables should be submitted on a periodic basis as specified in the instructions in individual tables.

"Residential Internet Access Service: Historical Data" Table

For the dates **12/31/2013** and **06/30/2014**, please provide the Internet access service data requested in the "Residential Internet Access Service: Historical Data" table. In general, this table is intended to provide data on the number of residential locations for which your Company's Internet Access Service is available and residential subscribers to Internet access service by census block, technology and bandwidth combination.

| Column | Variable Name | Format | Possible Entries/Example Entries | Description |
|--------|------------------|-------------------|----------------------------------|--|
| A | date | Text - YYYY_MM DD | 2013_12_31, to 2014_06_30 | The date for which the data is being collected |
| B | block | Text | 110010062021037 | 15-digit FIPS code for the 2010 Census Block Identifier from the 2010 TIGER/Line Block State-based Shapefile or Block County-based Shapefile |
| C | tech | Integer | 42 | Technology code of the Internet Access Service (see Tech Table for codes) |
| D | res_locs | Integer | 605 | The total number of residential locations in the block |
| E | res_ia_locs | Integer | 602 | Residential customer locations for which the Company's Internet Access Service is available |
| F | max_down | Float | 25 | Maximum advertised download speed available to residential subscribers |
| G | max_up | Float | 10 | Maximum advertised upload speed available to residential subscribers |
| H | down_speed | Float | 3 | Downstream bandwidth of the service as sold in Mbps |
| I | up_speed | Float | 1.5 | Upstream bandwidth of the service as sold in Mbps |
| J | residential_subs | Integer | 156 | Residential subscribers of the Company subscribing to Internet Access Service with the specified downstream and upstream bandwidth |

Notes by Column:

B: The block identifier is a concatenation of Census 2010 state FIPS code, Census 2010 county FIPS code, Census 2010 census tract code and Census 2010 tabulation block number. Please see the 2010 TIGER/Line Shapefiles Technical Documentation, Chapter 5, Part 5.2 at <http://www.census.gov/geo/maps-data/data/pdfs/tiger/tgrshp2010/TGRSHP10SF1CH5.pdf>.
A, B, C, H, I: Any variation in Date, Block, and Technology necessitates the creation of a new, unique record. Additionally, a new record should be created for each combination

Technology of Transmission Codes for Deployment of Internet access Access Service

| Technology Code | Description | Details |
|------------------------|---------------------------------------|---|
| 10 | Asymmetric xDSL | Asymmetric xDSL and other than ADSL 2 and VDSL |
| 11 | ADSL 2 | e.g., ADSL 2, ADSL 2+ |
| 12 | VDSL | VHDSL, VDSL 2 |
| 20 | Symmetric xDSL | |
| 30 | Other Copper Wireline | All copper-wire based technologies other than xDSL (e.g., Ethernet over copper and T-1) |
| 40 | Cable Modem | Cable modem other than DOCSIS 1, 1.1, 2.0, and 3.0 |
| 41 | Cable Modem -- DOCSIS 1, 1.1, and 2.0 | |
| 42 | Cable Modem -- DOCSIS 3.0 | |
| 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 | Terrestrial Fixed Wireless | |
| 90 | Electric Power Line | |
| 0 | All Other | Any specific technology not listed above |