



CHANGES AND CORRECTIONS FOR APRIL 2014

MERGERS AND ACQUISITIONS

Throughout the course of the SBI program, CN has maintained a repository of electronic records related to its provider outreach activities. Due to the high volume of mergers and acquisitions (M&A) within the provider community, CN continues to maintain a listing of M&A activities as a way of supplementing the Provider Changes and Corrections. M&A activities for this submission period for the state of Alaska are listed below with a brief description and date as obtained through public records or provider disclosure.

The Alaska Wireless Network, LLC (AWN) is a new provider created through the joint contribution of mobile assets provided by both GCI Wireless and Alaska Communications. This included their Spectrum holdings, as well as towers, Wi-Fi networks, and transmission equipment including facilities necessary to operate the newly formed organization. Data was collected and is being submitted during the April 2014 SBI submission for this newly formed provider.

On July 9, 2013, Sprint completed the transaction to acquire 100% ownership of Clearwire. The fixed wireless services previously represented by Clearwire were acquired by Sprint as well, however the spectrum utilized for these services will be reallocated and therefore are no longer present.

DATASET CHANGES AND CORRECTIONS

As requested by the SBI Program Office, a listing of the changes and/or corrections to the datasets between the October 2013 and April 2014 submissions is included in this narrative. This information is presented in this section as well as in the Broadband Provider Log. Changes to the data include expansion of service area(s), activation of new wireless towers, and upgrades to the network to provide higher download speeds to consumers. Corrections to the dataset include the addition of previously existing providers whose coverage has never been submitted, revision of coverage or speed information that was incorrect, and any other items that were misrepresented in the October 2013 dataset.

Provider Name	Technology Type	Changes and Correction Notes	Change in Census Blocks
Ace Tekk Wireless Internet	Fixed Wireless	Change: It has been determined that the provider offers service to both residential and business users.	N/A
AlasConnect, Inc.	Fixed Wireless	Change: It has been determined that the provider offers service to both residential and business users.	N/A
Alaska Communications Systems Holding, Inc. (ACS)	DSL	Change/Correction: Possible service expansion or corrections to previous dataset; entirely new dataset provided for April 2014 submission. Provider indicated they changed their business rules, and because of this, they no longer report maximum advertised download speeds of tier 3 due to 1 Mbps service no longer being offered. The previously submitted tier 4 service has gone away as well. Coverage has significantly changed. Provider indicated that this is residential only.	-1443
Alaska Communications Systems Holding, Inc. (ACS)	Mobile Wireless	Change: Provider's mobile wireless assets have been merged with GCI Internet mobile wireless assets to create Alaska Wireless Network, LLC.	N/A
Alaska Power & Telephone, Inc.	Fixed Wireless	Change/Correction: Provider no longer services the city of Ketchikan. Five previously underserved locations now reach minimum broadband speeds. Four of the prior locations have been corrected to more accurate coverage levels. Most are on the power level of WiFi. It has also been determined that the provider offers service to both residential and business users.	N/A
Alaska Power & Telephone, Inc.	DSL	Change/Correction: Provider upgraded infrastructure in Craig, Hollis, Hydaburg, and Tok, increasing maximum advertised download speeds to tier 6. Corrected speeds for the Tetlin area to tier 3 download and upload. It has also been determined that the provider offers service to both residential and business users.	0

Alaska Wireless Network, LLC	Mobile Wireless	Change/Correction: Possible service expansion or corrections to previous datasets after merger; entirely new dataset provided for April 2014 submission as a new single provider.	N/A
Alaska Wireless Network, LLC (TurboZone)	Fixed Wireless	Change: Provider has high speed wireless hot spots for use with mobile devices only, operating throughout the state for residential and business users within their mobile footprint.	N/A
Arctic Slope Tel. Assn. Coop. Inc.	Fixed Wireless	Change: It has been determined that the provider offers service to both residential and business users.	N/A
Arctic Slope Tel. Assn. Coop. Inc.	DSL	Change: It has been determined that the provider offers service to both residential and business users.	0
AT&T Corp, Inc.	Mobile Wireless	Change/Correction: Provider increased their 3G, HSPA and LTE coverage. Expanded coverage into new areas including southeast AK, north of Valdez, Anderson, Cantwell, and Delta Junction. Small revisions made to propagations in a few areas.	N/A
Borealis Broadband Inc.	Fixed Wireless	Change: It has been determined that the provider offers service to both residential and business users.	N/A
Bristol Bay Telephone Cooperative, Inc.	DSL	Change: It has been determined that the provider offers service to both residential and business users.	0
Clearwire Corporation	Fixed Wireless	Change: Clearwire has been purchased by Sprint.	N/A
Copper Valley Telephone Cooperative, Inc.	DSL	Change: Provider upgraded infrastructure with additional remote terminals, which increased speed in some areas and expanded coverage slightly near one. It has also been determined that the provider offers service to both residential and business users.	0
Copper Valley Telephone Cooperative, Inc.	Mobile Wireless	Change: Provider upgraded infrastructure for 4G LTE service and now offers maximum advertised download and upload speeds of tier 7 and tier 5, respectively.	N/A

Cordova Telephone Cooperative, Inc.	Fixed Wireless	Change: Provider expanded coverage near Whittier, Port Wells, and Point Pigot through WiMAX. It has also been determined that the provider offers service to both residential and business users.	N/A
Cordova Telephone Cooperative, Inc.	DSL	Change: It has been determined that the provider offers service to both residential and business users.	0
Craig Cable TV, Inc.	Cable	Change: It has been determined that the provider offers service to both residential and business users.	0
GCI Internet	Cable	Change/Correction: Provider upgraded infrastructure increasing maximum advertised download speeds to tier 10 in their redefined regions. Moreover, upgraded max upload speeds to tier 4 in their other service areas. Technology of transmission also changed to DOCSIS 3.0 in numerous areas where cards are installed, but may not yet reach 3.0 speeds. Small expansions noted in Fairbanks, Anchorage, Kodiak, Ketchikan, and north of Wasilla. Changes also noted near Petersburg, Girdwood, and Wrangell, but these are likely boundary corrections. It has also been determined that the provider offers service to both residential and business users.	53
GCI Internet	Fixed Wireless	Change/Correction: Provider added 12 additional transmission areas in SW Alaska as part of the Terra SW project. Furthermore, provider indicated prior propagations were too optimistic in coverage. Radius reduced roughly two miles. It has also been determined that the provider offers service to both residential and business users.	N/A
GCI Internet	Mobile Wireless	Change: Provider's mobile wireless assets have been merged with ACS mobile wireless assets to create Alaska Wireless Network, LLC.	N/A

Ketchikan Public Utilities	Fixed Wireless	Change: It has been determined that the provider offers service to both residential and business users.	N/A
Ketchikan Public Utilities	DSL	Change: It has been determined that the provider offers service to both residential and business users.	0
Ketchikan Public Utilities	Fiber	Change: It has been determined that the provider offers service to both residential and business users.	0
Level 3 Communications, LLC	Fiber	Change: New data indicates provider no longer services one census block in Anchorage.	-1
Matanuska Telephone Association, Inc.	DSL	Change: Provider upgraded infrastructure increasing maximum advertised download speeds to tier 7 in between Talkeetna and Trapper Creek. It has also been determined that the provider offers service to both residential and business users.	0
Nushagak Electric & Telephone Cooperative Inc.	DSL	Change: It has been determined that the provider offers service to both residential and business users.	0
OTZ Telephone Cooperative, Inc.	DSL	Change: Provider upgraded infrastructure and increased maximum advertised download and upload speeds to tier 5 and tier 3, respectively. It has also been determined that the provider offers service to both residential and business users.	0
SPITwSPOTS LLC	Fixed Wireless	Change: Provider added two transmission locations and removed one. Provider also upgraded infrastructure increasing max advertised download and upload speeds to tier 8 in various areas. Coverage change is minuscule.	N/A
Verizon Communications, Inc.	Mobile Wireless	Change: Provider's entirely new dataset shows coverage around its previously existing LTE areas have slightly expanded.	N/A
Yukon Tech Inc.	Fixed Wireless	Change: It has been determined that the provider offers service to both residential and business users.	N/A
Yukon Tech Inc.	Cable	Change: Provider upgraded infrastructure and increased maximum advertised download and upload speeds to tier 7 and tier 5, respectively. It has also been determined that the provider offers service to both residential and business users.	0

Yukon Tech Inc.	Fiber	Change: Provider upgraded infrastructure and increased maximum advertised download and upload speeds to tier 4 and tier 3, respectively. It has also been determined that the provider offers service to both residential and business users.	0
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ProviderID	ST	DBA Name	Provider Name	Average Speed Change	Average Transtech Change	Record Count Change	Update Description	Changes And Corrections	Provider > 25% State Area
61	Al	AT&T Alabama	BellSouth Telecommunications, Inc.	X	X	X	Updated using new provider data	Wireline coverage replaced with submitted data CB count increases from 74808 to 75780 SG count increases from 7539 to 7891 Wireline coverage now includes higher speeds (10 x 8 x 6); network	
709	Al	AT&T Mobility LLC	AT&T Mobility LLC				Updated using new provider data	Coverage extent slightly increased	X
736	Al	Blount Wireless	Blount Wireless	1	1	1	Updated using new provider data	No submission since RD3. Provider appears to be o/o/b. emails returned, website no longer working.	
706	Al	Brindlee Mountain Telephone	Otelco, Inc.				Updated using new provider data	Repair of prior submission, speeds changed	
38	Al	Cable TV of East Alabama	R.M. Greene Inc.	X	X	X		Coverage increased slightly, 28 blocks, 19 segments added Speeds increased to 8x3 on entire system Technology updated to 40 on entire system	
5	Al	CenturyLink	CenturyTel, Inc.			X		Replace existing coverage with submitted data Speeds, technology unchanged, Blocks & segments decreased	
41	Al	Comcast	Comcast of Alabama, Inc.			X	Updated using new provider data	No change in technology or speed 20728 blocks submitted, up from 20611 1733 segments submitted, up from 1731	
8	Al	FairPoint Communications	GTC, Inc.			X		8 road segments added	
6	Al	Farmers Telecommunications Cooperative, Inc.	Farmers Telecommunications Cooperative, Inc.	X				Areas have been upgraded to increase broadband capabilities from last submission	
7	Al	Frontier Communications of Alabama, LLC	Frontier Communications of Alabama, LLC			X		Updated coverage submitted, speeds modified, decrease in some areas on DSLAM nodes	
733	Al	Frontier Communications of the South, LLC	Frontier Communications of the South, LLC				Updated using new provider data	Modify existing data with submitted nodes Only speeds modified Some areas decreased from 8x5 to 7x4, speed tiers modified on some DSLAM nodes. Speed decrease correction by provider.	
658	Al	Level 3 Communications, LLC	Level 3 Communications, LLC			X	Updated using new provider data	Replace existing coverage with submitted data Geocode address data and convert to block coverage Middle mile file shows identical data to last round, advance middle mile data unchanged	
48	Al	Mediacom	Mediacom Southeast, LLC			X	Updated using new provider data	New coverage submitted by Mediacom. Specific towns not broadband enabled removed after engineering review. block count greatly decreased segment count greatly increased	
948	Al	MegaPath Corporation	MegaPath Corporation	X	X	X	Updated using new provider data	Coverage replaced with submitted data CB count increased Technologies unchanged Speed distribution among features updated	
948	Al	MegaPath Corporation	MegaPath Corporation	X	X	X	Updated using new provider data	Coverage replaced with submitted data CB count increased Technologies unchanged Speed distribution among features updated	

Note: [1] Represents that data can't be compared to prior round. Averages are computed as straight averages.

ProviderID	ST	DBA Name	Provider Name	Average Speed Change	Average Transtech Change	Record Count Change	Update Description	Changes And Corrections	Provider > 25% State Area
718	Al	MetroCast Communications	MetroCast Communications of Mississippi, LLC	X			Updated using new provider data	Download speed increased on all features to tier 9 Historic tripwire removed by speed change	
18	Al	Moundville Telephone Company	Moundville Telephone Company			X		Update speeds using submitted polygons as service areas Coverage reduced to match exchange boundaries	
20	Al	New Hope Telephone Cooperative	New Hope Telephone Cooperative	X		X		446 fiber blocks converted from DSL to fiber overall coverage increased slightly	
714	Al	Sprint	Sprint Corporation				Updated using new provider data	Coverage replaced with new data High speed area (6x4) greatly expanded from last submission	X
692	Al	TDS	Butler Telephone Company, Inc.			X	Updated using new provider data	Coverage replaced with submitted address point data. Consistent comparable to prior round	
693	Al	TDS	Oakman Telephone Company, Inc.			X	Updated using new provider data	Coverage replaced with submitted address point data. Consistent comparable to prior round	
694	Al	TDS	Peoples Telephone Company, Inc.			X	Updated using new provider data	Coverage replaced with submitted address point data. Consistent comparable to prior round	
24	Al	TEC	Roanoke Telephone Company			X		updated speeds	
640	Al	TEC	National Telephone of Alabama			X	Updated using new provider data	Update provider account information with new FRN and Company Name to match FRN. Same dba as prior rounds.	
63	Al	T-Mobile	T-Mobile USA, Inc.				Updated using new provider data	Coverage replaced with submitted data No change in speeds or technologies slight increase in overall coverage footprint	X
57	Al	Troy Cablevision, Inc.	Troy Cablevision, Inc.			X	Updated using new provider data	Fiber coverage extended 296 blocks, 50 segments added	
761	Al	tw telecom	tw telecom of alabama llc	X		X	Updated using new provider data	speeds, technology unchanged CB count increased from 794 to 889	
62	Al	Verizon Wireless	Verizon Wireless				Updated using new provider data	Coverage replaced with new data Speeds, technology unchanged AWS spectrum now used for LTE coverage (7x5) slight increase in overall coverage	X
29	Al	Windstream	Windstream Alabama, LLC.	X		X		1842 CB rows submitted 2521 LB (segment) rows submitted	



200 River Market Avenue, Suite 400
Little Rock, AR 72201

501.374.9247 ph
501.374.9425 fax
800.216.7237 toll free
www.connect-arkansas.org

Arkansas Broadband Changes and Corrections April 1, 2014 Data Submission

Changes:

- **Vineyard Media** added Fixed Wireless Infrastructure.
- **HillBilly Wireless** added Fixed Wireless Infrastructure.
- **Arkwest Communications** expanded Fiber Coverage.
- **AT&T Mobility** expanded Mobile Broadband coverage.
- **Cricket Communications** expanded Mobile Broadband coverage.
- **Verizon Wireless** expanded Mobile Broadband coverage.
- **Southwest Arkansas Telephone Cooperative** expanded Fiber Coverage.
- **Ozark Telephone Company** updated speed data

Corrections:

- Miscellaneous Changes and Corrections for **AT&T** from provider.
- Miscellaneous Changes and Corrections for **Comcast** from provider.
- Miscellaneous Changes and Corrections for **TDS Telecom** from provider.
- Miscellaneous Changes and Corrections for **Cox Communications** from provider.
- Miscellaneous Changes and Corrections for **Comcast** from provider.
- Miscellaneous Changes and Corrections for **Windstream** from provider.

*NOTE: ATT and Windstream submitted a more conservative data sets as far as coverage area which would correspond to feedback received by Connect Arkansas via website. This resulted in a decrease in coverage area for both vendors.



Changes and Corrections

SBDD December 2013 Data

April 2014 Submission

American Samoa Broadband Data Changes and Corrections

Coverage Area Changes:

- Coverage Footprint Expansion:
 - BlueSky added new coverage area to TT70 from tower location but the speeds were not fast enough to be considered Broadband and were left out.
- Service Area Attribution Changes:
(Example: Speed, technology, name changes)
 - BlueSky manually verified TT80 with speed tier 7 and provided typical download and upload speeds for this coverage area.

Data Corrections:

- Coverage Footprint Reductions/Map Refinement:
 - BlueSky manually updated speeds, and along with a new area, the GSM area of TT80 footprint is being removed due to speeds lower than allowable domain

Arizona Changes and Corrections for Spring 2014

As of April 1, 2014

Provider Name	Changes	Corrections	Comments and Notes
AireBeam			No change
Arivaca	X		Speed change
AT&T			No change
AT&T Mobility	X		New spectrum shows growth of over 30%. The 4G LTE shows minor growth in borders and in-fill. Changes in 3G coverage look logical, and more detailed. Crowdsorce concurrence is over 98%.
AZ Airnet	X		Provider gave us towns, and a few addresses.
BeamSpeed			No change
Bolt Internet			No change
Cable One			No change
Casa Grande Internet			No change
CenturyLink	X	X	Tech 50 increased from 4 sq. miles to 8 sq. miles, DSL coverage increased 11 Sq. miles, and Tech 10 road segments increased to 300 miles. Crowdsorce confirmation is 99% for both location and speed. FTTH is present in Anthem, Desert Ridge and Scottsdale. There appeared to be an offset in the map's shapefiles when overlaid with a standard map, this was corrected in the Spring 2014 cycle. We also note some additional gap-filling.
CIS Wireless Broadband			No change
City of Phoenix (Sky Harbor Airport)			No change
Comcast Cable	X		Updated coverage
CommSpeed			No change
Copper Valley	X		Tech 10 and fifty. Tech 10: No real change in coverage, but we note an increase in business End User Category.
CopperNet			No change
Cox Communications			No change
Desert iNET			No change
eSedona			No change
Fort Mojave Telecom			No change
Frontier Citizens Utilities Rural	X		Eight new CO's 4 in Kingman and 2 in Bullhead City. . We paid special attention to road segment coverage this time, and came up with more coverage.
Frontier Communications of the White Mountains	X		Due to submittal being incremental, if changes in speed were present, we took the highest sample in all past submittals. 6 new CO Locations and speeds look logical.
Frontier Navajo Communications	X		Chinle has few changes; Ganado has few changes, mostly the addition of road segments.
Frontier Southwest			No change
(Gila River Telecom)			Not participating
Golden Valley Cable			No change
Grand Avenue Broadband			No change

Arizona Changes and Corrections for Spring 2014

As of April 1, 2014

Provider Name	Changes	Corrections	Comments and Notes
Greenfield Communications			No change
HNS (Hughes, Echostar)			No change
Hopi Telecom (HTI)			No change
HPAZ			No change
InfoWest			No change
Integra Telecom			No change. Have fiber maps.
Last Mile Research			No change
Leap Wireless (Cricket)	X		Leap shows some loss in 4G spectrum in Tucson, and Nogales area. Spectrums 3 and 4 show minor loss and gain. Crowdsourcing concurrence is over 98%.
Level 3 Communications	X		New coverage in Kingman, and Show Low; This seems odd, since these locales are very far from declared middle mile routes. We also note some fluctuations of coverage in Goodyear, and Scottsdale. Nogales and Rio Rico look logical.
Mediacom Southeast	X	X	Initial submittal had terrible Crowdsourcing concurrence; we questioned Mediacom via collaborative session. Corrected submittal held an improved crowdsourcing concurrence (98%) All coverage is Tech 40 (DOCSIS 3).
MegaPath Corporation	X		Updated coverage; Final changes of company name to MegaPath completely, Covad no longer exists.
MTE Communications	X		Tech 10 and 50, speeds are 7, and 3. Note changed from 6 down and 2 up. Road segments more than doubled between both tech ID's. The presence of Tech 50 and Tech 10 suggests that MTE is upgrading their coverage in a progressive manner. We note new fiber coverage in Young, AZ.
Phoenix Internet			No change
Pointe Wireless			No change
Rio Verde Wireless			No change
Rio Virgin Telephone (Reliance Connects)			No change
RuralNet Wireless			No change
Saddleback Communications			No change
Salt River Project (SRP)			No change. Have fiber maps.
San Carlos Apache Telecom Utility (SCATUI)			No change
(Schurz Communications)			Will represent Orbitel and Western Broadband
Simply Bits			No change
Skycasters			No change
Smith Bagley			No change

Arizona Changes and Corrections for Spring 2014

As of April 1, 2014

Provider Name	Changes	Corrections	Comments and Notes
South Central Utah Telephone Association			No change
Sprint Communications	X		Change in coverage is 2 square miles. We show only one middle mile point, which is suspect, as it lies in a river.
StarBand Communications			No change
Suddenlink	X		We note two less census blocks, but a greater area of coverage from Road Segments.
Table Top Telephone			No change
TDS Telecom	X		Minor changes; from 44 miles of road coverage to 64 miles.
Time Warner Cable	X		Additional coverage noted
T-Mobile (Deutsche Telekom)	X		Additional coverage noted
Tohono O'Odham Utility (TOUA)			No change
Transcend Broadband			No change
Transworld Network	X		Updated coverage, spectrum
TruCom			No change
tw telecom	X		Minor overall changes, 37% crowdsource concurrence.
UNSI (Airband)			No change
Valley Connections	X		Reselling Satellite coverage, Tech 60, not included in submittal. Minor increases in End User cat 2.
Valley Telephone Coop	X		Increase of 10 sq. miles in Tech 50. Northern Cochise and Southern graham HWY 191 area
Verizon Wireless	X		Verizon Submitted 3 shapefiles, AWS, EVDO, and LTE. AWS is new this cycle. We now have spectrum 2 and 4 4G LTE. 4G has almost tripled in coverage, from 25k square miles to 84k sq miles. Significant growth is shown, mostly along highways and extending border coverage.
ViaSat	X		Dropped availability in the Southeast corner of AZ.
Webhiway Communications			No change
Wecom			No change
(Western WiMax)			Not participating
WydeBeam			No change
XO Communications			No change
Xpressweb Internet	X		Updated coverage
Ygnition			No change
Zayo Enterprise Networks	X		Added locations. Have fiber maps.
Zona Communications			No change
Totals: 77	27	2	

Entity Name	Entity Type	Entity Description	Entity Status
ABC COMPANY	Company	Private corporation with 100 shares of common stock. The company is currently inactive.	1
DEF PARTNERSHIP	Partnership	General partnership consisting of two partners. The partnership is currently inactive.	2
GHI TRUST	Trust	Trust established for the benefit of the grantor's children. The trust is currently inactive.	3
JKL CORPORATION	Company	Publicly traded corporation with 10 million shares outstanding. The company is currently inactive.	4
MNO LIMITED LIABILITY COMPANY	LLC	Single-member limited liability company. The LLC is currently inactive.	5
PQR CORPORATION	Company	Private corporation with 50 shares of common stock. The company is currently inactive.	6
STU PARTNERSHIP	Partnership	General partnership consisting of three partners. The partnership is currently inactive.	7
VWX TRUST	Trust	Trust established for the benefit of the grantor's spouse. The trust is currently inactive.	8
YZA CORPORATION	Company	Publicly traded corporation with 20 million shares outstanding. The company is currently inactive.	9
BCD LIMITED LIABILITY COMPANY	LLC	Single-member limited liability company. The LLC is currently inactive.	10
EFG CORPORATION	Company	Private corporation with 25 shares of common stock. The company is currently inactive.	11
HIJ PARTNERSHIP	Partnership	General partnership consisting of four partners. The partnership is currently inactive.	12
KLM TRUST	Trust	Trust established for the benefit of the grantor's children. The trust is currently inactive.	13
NOP CORPORATION	Company	Publicly traded corporation with 15 million shares outstanding. The company is currently inactive.	14
QRS LIMITED LIABILITY COMPANY	LLC	Single-member limited liability company. The LLC is currently inactive.	15
TUV CORPORATION	Company	Private corporation with 30 shares of common stock. The company is currently inactive.	16
WXY PARTNERSHIP	Partnership	General partnership consisting of five partners. The partnership is currently inactive.	17
ZAB TRUST	Trust	Trust established for the benefit of the grantor's spouse. The trust is currently inactive.	18
CCD CORPORATION	Company	Publicly traded corporation with 25 million shares outstanding. The company is currently inactive.	19
EEF LIMITED LIABILITY COMPANY	LLC	Single-member limited liability company. The LLC is currently inactive.	20
GGH CORPORATION	Company	Private corporation with 40 shares of common stock. The company is currently inactive.	21
IIJ PARTNERSHIP	Partnership	General partnership consisting of six partners. The partnership is currently inactive.	22
KKL TRUST	Trust	Trust established for the benefit of the grantor's children. The trust is currently inactive.	23
LLM CORPORATION	Company	Publicly traded corporation with 30 million shares outstanding. The company is currently inactive.	24
NNP LIMITED LIABILITY COMPANY	LLC	Single-member limited liability company. The LLC is currently inactive.	25
OOQ CORPORATION	Company	Private corporation with 50 shares of common stock. The company is currently inactive.	26
RRS PARTNERSHIP	Partnership	General partnership consisting of seven partners. The partnership is currently inactive.	27
TTU TRUST	Trust	Trust established for the benefit of the grantor's spouse. The trust is currently inactive.	28
VVV CORPORATION	Company	Publicly traded corporation with 40 million shares outstanding. The company is currently inactive.	29
WWW LIMITED LIABILITY COMPANY	LLC	Single-member limited liability company. The LLC is currently inactive.	30
XXX CORPORATION	Company	Private corporation with 60 shares of common stock. The company is currently inactive.	31
YYY PARTNERSHIP	Partnership	General partnership consisting of eight partners. The partnership is currently inactive.	32
ZZZ TRUST	Trust	Trust established for the benefit of the grantor's children. The trust is currently inactive.	33
AAA CORPORATION	Company	Publicly traded corporation with 50 million shares outstanding. The company is currently inactive.	34
BBB LIMITED LIABILITY COMPANY	LLC	Single-member limited liability company. The LLC is currently inactive.	35
CCC CORPORATION	Company	Private corporation with 70 shares of common stock. The company is currently inactive.	36
DDD PARTNERSHIP	Partnership	General partnership consisting of nine partners. The partnership is currently inactive.	37
EEE TRUST	Trust	Trust established for the benefit of the grantor's spouse. The trust is currently inactive.	38
FFF CORPORATION	Company	Publicly traded corporation with 60 million shares outstanding. The company is currently inactive.	39
GGG LIMITED LIABILITY COMPANY	LLC	Single-member limited liability company. The LLC is currently inactive.	40
HHH CORPORATION	Company	Private corporation with 80 shares of common stock. The company is currently inactive.	41
III PARTNERSHIP	Partnership	General partnership consisting of ten partners. The partnership is currently inactive.	42
JJJ TRUST	Trust	Trust established for the benefit of the grantor's children. The trust is currently inactive.	43
KKK CORPORATION	Company	Publicly traded corporation with 70 million shares outstanding. The company is currently inactive.	44
LLL LIMITED LIABILITY COMPANY	LLC	Single-member limited liability company. The LLC is currently inactive.	45
MMM CORPORATION	Company	Private corporation with 90 shares of common stock. The company is currently inactive.	46
NNN PARTNERSHIP	Partnership	General partnership consisting of eleven partners. The partnership is currently inactive.	47
OOO TRUST	Trust	Trust established for the benefit of the grantor's spouse. The trust is currently inactive.	48
PPP CORPORATION	Company	Publicly traded corporation with 80 million shares outstanding. The company is currently inactive.	49
QQQ LIMITED LIABILITY COMPANY	LLC	Single-member limited liability company. The LLC is currently inactive.	50
RRR CORPORATION	Company	Private corporation with 100 shares of common stock. The company is currently inactive.	51
SSS PARTNERSHIP	Partnership	General partnership consisting of twelve partners. The partnership is currently inactive.	52
TTT TRUST	Trust	Trust established for the benefit of the grantor's children. The trust is currently inactive.	53
VVV CORPORATION	Company	Publicly traded corporation with 90 million shares outstanding. The company is currently inactive.	54
WWW LIMITED LIABILITY COMPANY	LLC	Single-member limited liability company. The LLC is currently inactive.	55
XXX CORPORATION	Company	Private corporation with 110 shares of common stock. The company is currently inactive.	56
YYY PARTNERSHIP	Partnership	General partnership consisting of thirteen partners. The partnership is currently inactive.	57
ZZZ TRUST	Trust	Trust established for the benefit of the grantor's spouse. The trust is currently inactive.	58
AAA CORPORATION	Company	Publicly traded corporation with 100 million shares outstanding. The company is currently inactive.	59
BBB LIMITED LIABILITY COMPANY	LLC	Single-member limited liability company. The LLC is currently inactive.	60

Colorado Broadband Data Changes and Corrections

April 1, 2014 Data Delivery Report

Changes:

- **Aerux Broadband** – Processed data from towercoverage.com, no increase in coverage. A midmile was processed after retrieving the data from towercoverage.com.
- **AT&T Inc.** - Received new data from provider with expanded coverage area.
- **Baja Broadband Holding Company** – Midmile data was submitted, which was omitted in previous deliveries. Census and Roads coverage also increased 199 Census Blocks, and 44 Roads. Purchased by TDS Telecom, DBA now TDS Telecom.
- **Big Sandy Telecom, Inc.** – There was a large decrease in coverage for this delivery. There was a drop-off in coverage because the data is precise as opposed to selecting all data within 4 miles of midmiles as we did before.
- **BySky, Inc.** – Processed image of coverage from website. Coverage was remodeled, ended up with 1 wireless feature.
- **Cardinal Broadband, LLC** – Address list of subscribers was provided. Coverage decreased from 35 census blocks to 13 census blocks.
- **CenturyTel, Inc.** – Received new data from the provider which resulted in an increase in census block features from 93556 to 94787 and a decrease in roads features from 51989 to 51693.
- **City of Glenwood Springs** – New data from provider showed a decrease in 5 census features and a decrease of 1 road features, eliminating all roads feature coverage. Previously omitted data regarding midmiles was submitted, created coverage of 4 midmile features.
- **Cogent Communications, Inc.** – New data from the provider’s website had an increase of coverage. There was an increase from 43 address features to 48 address features.
- **Columbine Telecom Company** - New data with changes to census and roads features. There was a decrease of coverage from 516 census and 1646 road features to 333 census and 326 road features.
- **Comcast Cable Communications, LLC** - Received data update from provider resulting in the selection of an additional 226 census blocks and 198 road segments.
- **Commnet Wireless** – Provider submitted previously omitted midmile data. A total of 47 midmile for wireless. This accounts for the large increase.
- **Delta County Tele-comm, Inc.** - Received data update from provider resulting in the addition of 29 census blocks and 49 roads.
- **DirectLink, LLC** – Processed data from towercoverage.com and a combination of website coverage area to create 2 wireless features.
- **Elite Broadband** – Processed data from towercoverage.com. One midmile location was added, it is possible that there are additional midmiles not provided.
- **Eastern Slope Rural Telephone Association, Inc** – New data from provider decreased the coverage 45 census features and 195 roads features.
- **Farmers Telephone Company** - Significant decrease in coverage submitted by the provider. Census features decreased by 610, roads decreased by 111 eliminating all road features. Wireless was decreased by 1 and services one customer. Decrease was verified by phone.
- **FastTrack Communications, Inc** – Reduction of coverage from FCC data submitted by provider. A decrease of 989 census features and a decrease of 3160 roads feature. This delivery, they seemed to have less TRACTS submitted than in the previous delivery. Since these areas are so large, it is responsible for the large census and roads change. More accurate data is needed from FastTrack.
- **Forethought** – ‘No Data Change’ but was previously DBA Brainstorm Internet.
- **Grand County Internet Services, Inc.** – Grand County provided new data. Wireless coverage area was remodeled but kept the same amount of features. Midmile features were increased by 3.
- **iLOKA Inc** – Coverage reduced; Reduced census coverage by 816 and decreased roads by 17; census: 1642 and roads: 26

- **Internet Colorado** – Received more detailed information about midmiles. Wireless coverage was remodeled with new data. Increased midmile features by 5.
- **J.e.d. Enterprises, Inc.** - Received data update from provider resulting in the increase of speeds to current coverage
- **Jade Communications, LLC** – Received data indicating an increase in maximum advertised speeds. There was no increase to the number of features.
- **KenTec Communications** – New data provided increased census features by 9. There is also a reduction of MAU and TYPICUP speeds.
- **Level 3** – New data received from provider reduced coverage of midmiles by 179 and a reduction of address point features by 223. The midmile dropped significantly because previously, it was believed the midmiles received were in addition to the coverage already collected. After review of the data submitted, it was determined these are complete midmile listings, and not in addition to previous data.
- **LiveWire Networks, Inc** – New data from provider increased midmile coverage. Previously midmile data was not submitted, there are now a total of 12 features.
- **Megapath Corporation** – New data submitted increased coverage of census features by 5831 and increased roads features by 9.
- **Nunn Telephone Company** – New data received reduced census features by 199 and reduced roads by 679. All of DSL coverage was removed which was identical to the fiber coverage, thus reducing the features by 50%.
- **Phillips County Telephone Company** – Increased wireline coverage; census increased by 469 and roads features decreased by 18. Phillips notified us of TT41 in surrounding towns, census blocks of matching areas was collected. Need to work with Phillips to get more precise data.
- **Plains.Net** – New data submitted by provided decreased midmile coverage by 8 features. Coverage size was reduced due to new midmile information, still 1 wireless feature.
- **Rebeltec Communications, LLC** – New data submitted increased coverage of census features by 106 and increased midmile features by 18. There was a decrease in wireless features by 1.
- **Roggen Telephone Cooperative Company** – New data from provider increased the number of midmile features by 5. There is now a total of 7 midmiles.
- **Rye Telephone Company, Inc.** – Increased speeds on previous coverage from new data received.
- **SECOM** – Secom provided address point data after revealing they had Fiber. Address points feature count: 480. After contacting CAI's for speed tests, SECOM was providing service to many of them. After discussions with SECOM, it was determined they possessed fiber and were able to provide us with data.
- **Skywerx Industries, LLC** – Data from towercoverage.com was processed, resulting in the same amount of wireless features and midmile features.
- **Slopeside internet, LLC** - Processed new data from provider, ended up with the same number of wireless features 3.
- **Sprint Nextel Corporation** - Received new data from provider to update wireless coverage area.
- **Strasburg Telephone Company** - Received data from provider; increased roads features by 5.
- **Sunflower Telecom Company** – New data received; decrease in census features by 158, decrease in road features by 408. This data change was significant, and verified by phone.
- **T-Mobile USA, Inc.** - Received new data from provider to update wireless coverage area. Removed 2 midmiles from previous delivery based on new data.
- **Time Warner Cable LLC** - Received data update from provider but coverage had not changed.
- **tw telecom inc.** – Received new data from provider; census features decreased by 3.
- **Verizon Wireless** - Received new data from provider to update wireless coverage area
- **Vision Wireless Communications** –added 2 wireless to current coverage due to division of speed availability
- **Vistabeam** – Processed data from towercoverage.com.
- **Vyve Broadband** – Formerly known as James Cable LLC and Mediastream; no data changes.

- **Wifi West** – Able to provide all tower locations this delivery. There was a significant increase in midmile features by 13. After communication with Wifi West, it was determined not all midmiles were represented and there was some expansion since the previous delivery. All data is now available on towercoverage.com for future deliveries.
- **Zayo Enterprise Networks, LLC** – Based on the data provided, there was a significant increase in the midmiles for Zayo. The data from the provider's website indicated that there is a large increase in midmile features for this delivery. An increase of 151 midmile features.

Corrections:

- **Strata Networks** –After reviewing the data submitted from the previous delivery, it was determined that Strata should be processed with TT 20 instead of TT 10. The data from the provider stated Asymetric xDSL, but their speeds represent Symmetric xDSL.



State of Connecticut

Connecticut Department of Energy and Environmental Protection

Broadband Project

Change and Correction report for the March 28th, 2014 submission:

Corrections:

- AT&T wire line has just made some minor adjustments to their service coverage areas. AT&T has announced that they are selling off their wireline assets in CT, effective this fall. So we do not anticipate any significant changes to this network this year.
- Fibertech: Despite our request to only include blocks with customers, they still have included their entire fiber network with a 25M buffer. They continue to report that they can provide service to any business customer along the line in a timely manner.
- Level3 made some updates based on new customer locations.
- Megapath reported some adjustments to their DSL service. The footprint is basically the same.
- Sidera is under new management and they no longer wish to participate in this program so their data was removed.
- VerizonNY just has a few add/drops to correspond with where they have customers in Greenwich. They only serve this one town in CT using facilities based in NY.
- Zayo dropped from 9 customers to 1 customer in CT.

Notable Changes:

- AT&T Wireless continues to expand their 4G LTE coverage. LTE coverage expanded from just the major urban areas to where they can now serve most of the state.
- Comcast Cable has rolled out their Extreme 505 service to all of their territory in CT. This has advertised speeds of 505 MB down and over 100 MB upload – both Tier 10. We have called and validated that it is available to the locations we inquired about. Comcast has admitted that a few specific locations in the state may not be able to get this level of service, but they were confident that they could serve at least one customer in every block.
- Cox cable has increased their advertised speeds.
- MetroCast has increased their advertised speeds to 60MB down and 6MB up.
- MetroPCS was bought out by T-Mobile – however they were not able to consolidate the data in time for this submission, so the legacy MetroPCS data is being used for this submission.
- Sprint acquired Clearwire and their combined coverage footprint is now reflected in the Sprint 4g coverage. Sprint also started to deploy LTE technology in central CT.
- T Mobile expanded their LTE coverage in central CT. Also see note above regarding the MetroPCS merger.
- Verizon Wireless LTE coverage using the 700 MHz spectrum was already basically statewide, and they just filled in a few small gaps this submission. Verizon converted a large portion of their

Advanced Spectrum from 3G service into LTE service in central CT. Basically an overbuild in the most densely populated areas.



The District of Columbia's State Broadband Initiative changes and corrections in the April 1st, 2014 data submission are documented below.

Changes

Allied Telecom Group, LLC: Upgraded Asymmetrical xDSL speed tiers at select locations.

Clearwire: Acquired by Sprint.

Lightower: Acquired Sidera Networks. Unable to provide information due to merger and incompatible systems.

Sprint: Acquired Clearwire. New FRN.

RCN: Upgraded speed tiers.

Verizon: New spectrum submitted for 4G technology (AWS).

CAI: New Wi-Fi locations. Installed with DC-CAN grant funds.

Corrections

CAI: Updated College/University CAIDs.

Delaware Broadband Data Changes and Corrections

April 2014 Data (Spring 2014 Data submission)

Changes:

Provider Name	Doing Business As Name	FRN	Changes
AT&T Mobility LLC	AT&T Mobility LLC	0004979233	Terrestrial Mobile Wireless service increased 2125.7mi ² for download speed Tier 7.
T-Mobile USA, INC.	T-Mobile	0006945950	Terrestrial Mobile Wireless service increased 115 mi ² for download speed Tier 7.
Cellco Partnership and its Affiliated Entities	Verizon Wireless	0003290673	Terrestrial Mobile Wireless service increased by 2.1 mi ² for download speed Tier 7.
Sprint Corporation	Sprint	0003774593	Terrestrial Mobile Wireless service increased 13.6 mi ² for download speed Tier 6.
Comcast Cable Communications, LLC.	Comcast	0004441663	Cable Modem - DOCSIS 3.0 service increased by 3 blocks for download speed Tier 10.
Comcast Cable Communications, LLC.	Comcast	0004441663	Cable Modem - DOCSIS 3.0 service increased the upload speed to Tier 10 instead of 9.
Verizon Communications, Inc.	Verizon Communications, Inc.	0003271798	Asymmetric xDSL service increased by 148 blocks for download speed Tier 6.
Verizon Communications, Inc.	Verizon Communications, Inc.	0003271798	Optical Carrier/Fiber service increased by 107 blocks for download speed Tier 9.
MegaPath Corporation.	MegaPath	0003753787	Asymmetric xDSL service increased by 576 blocks for

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			download speed Tier 6.
Level 3 Communications, LLC	Level 3 Communications, LLC	0003723822	Optical Carrier/Fiber service decreased by 73 Blocks for download speed Tier 11.
Medicom Communications Corp.	Medicom Communications Corp.	0003572633	Cable Modem - DOCSIS 3.0 service increased by 94,495 address points for download Tier 10.

Corrections:

Provider Name	Doing Business As Name	FRN	Corrections
Clearwire Corporation	Clearwire	0017775628	Became Part of Sprint Corporation
Sprint Corporation	Sprint	0003774593	Changed the Provider name into Sprint Corporation (previously: Sprint Nextel Corporation)

APRIL 2014 CHANGES AND CORRECTIONS



April 1, 2014

Changes and Corrections

	FCC Filing Company Name	DBA or Common Name	FRN	Changes	Corrections
7	Advanced Cable Communications	Advanced Cable Communications	0001795798		
8	PowerOne	airPowered	0016106239		
9	N/A	Alternative Choice Wireless	021636303	New TT70 provider.	
12	N/A	AreYouOnline.net	9999		
13	AT&T Services, Inc. New Cingular Wireless Services, Inc.	AT&T Florida AT&T Mobility	0001857952 0004979233	TT10 coverage refinement reducing number of census blocks. Increase in TT10 maximum advertised download and upload speed. TT50 coverage that refines and expands coverage of census blocks. Provider sent new TT80 3G, 4G, and LTE mobile coverage footprint shapefiles that refine and expand coverage. LTE coverage increased the dramatically.	Refinement of TT10. Road segment numbers decreased due to road segment processing change as discussed in the methodology.
14	Atlantic Broadband (Miami), LLC Atlantic.Net Broadband, Inc.	Atlantic Broadband Atlantic.Net Broadband, Inc.	0009596826		
19	Bright House Networks, LLC	Bright House Networks	0007508237		
24	CenturyLink, Inc. CenturyLink, Inc. Qwest Communications Company, LLC	CenturyLink	0018626853	New TT10 footprint that refines and expands their coverage.	
25	N/A	City of Leesburg, Florida	0010556496	New TT50 footprint from provider.	
28	Clearwire Corporation	Clearwire	0017775628	Provider was purchased by Sprint. Coverage area included in the Summit Broadband data.	Clearwire coverage footprint removed. Coverage from Clearwire system was provided by Sprint.
29	Cogent Communications Group	Cogent Communications	0019066034		
30	Comcast Cable Communications, Inc.	Comcast	0004441663	New TT40 footprint that refines and expands coverage.	
33	Cox Communications, Inc	Cox Communications	0001834696 0001524461	Increase in TT40 maximum advertised download and upload speed.	
34	Cellular South Licenses, LLC	Cspire Wireless	0013247325		
39	DeltaCom, Inc. New Edge Network, Inc. Saturn Telecommunication Services Inc.	Earthlink	0005183025		

Changes and Corrections

	FCC Filing Company Name	DBA or Common Name	FRN	Changes	Corrections
42	GTC, Inc.	FairPoint Communications, Inc.	0001824606	New TT10 footprint that refines and reduces coverage. Increase in TT10 maximum advertised download and upload speed.	Refinement of TT10. Road segment numbers decreased due to road segment processing change as discussed in the methodology. The coverage was reviewed and the data ingestion investigated and determined as an accurate representation of the address list.
46	N/A	Florida LambdaRail	9999		
48	FPL FiberNet LLC	FPL FiberNet LLC	0008338683		
49	Fort Pierce Utilities Authority	FPUAnet Communications	0001813369		
50	Frontier Communications Corporation	Frontier Communications	0003766987		
58	Home Town Cable TV, LLCT	Home Town Cable	0009470766	New TT50 footprint that refines and expands coverage.	
60	The Home Town Network Inc.	HTN (Home Town Network)	0019072339		
61	N/A	Hughes	0017434911		
66	ITS Telecommunications Systems, Inc.	ITS Telecom	0003731734		
67	Global Crossing Telecommunications, Inc. Level 3 Communications, LLC WilTel Communications, LLC.	Level 3 Communications	0003723822	New TT50 footprint that refines and significantly reduces coverage.	<p>Significant changes to provider data TT50. The provider refined their TT50 address table.</p> <p>The new footprint shows a major decrease in coverage that was investigated in detail. We followed up with the provider and completed a comparison between the last two submissions. It was determined that April 2013 data ingestion method for this specific provider over stated the provider's coverage by using a convex hull polygon method instead of an overlay of census blocks on address points. It was also determined that October 2013 data was added to the April 2013 data.</p> <p>The April 2014 data is a full replacement, as verified by the provider, versus an addition to the October 2013 data. A corrected ingestion process provides for a significantly smaller TT50 footprint from October 2013. The provider has verified both the address list and the April 2014 data coverage.</p>
71	N/A	Long Hammock Wireless	9999		
73	Marco Island Cable, Inc.	Marco Island Cable	0004243689	Provider was purchased by Summit Broadband. Coverage area included in the Summit Broadband data.	Marco Island Cable's coverage footprint removed. Coverage was joined to Summit Broadband's coverage.
74	Mediacom Southeast LLC	Mediacom Communications Corp.	0004036778	New TT40 footprint that refines census blocks and expands coverage.	Mediacom has removed its TT41 footprint. This was verified with the provider after they did not send any TT41 data.

Changes and Corrections

	FCC Filing Company Name	DBA or Common Name	FRN	Changes	Corrections
75	MegaPath Corporation	MegaPath Corporation	0003753753	New TT10, TT20, & TT30 footprints from that refine and increase coverage.	
76	Myakka Communications, Inc. Myakka Technologies, Inc.	Myakka Myakka Technologies, Inc.	0019679562 0016084857	TT50 footprint that expands coverage.	
78	Northeast Florida Telephone Company	NEFCOM	0004928750		
79	N/A	NetQuincy; City of Quincy Florida	0004572533		
88	N/A	PDMNet	0017149014		
89	TDS Telecommunications Corporation	Quincy Telephone Company	0001824689	New TT10 footprint that refines and expands their coverage.	
93	N/A	Sago Networks, Inc.	0018151878		
100	Smart City Solutions, LLC Smart City Telecommunications LLC	Smart City	0004381505		
102	Southern Light	Southern Light LLC	0006694111		
103	Sprint Nextel Corporation	Sprint Nextel; Sprint	0003774593	Sprint purchased Clearwire. TT80 coverage footprint includes purchased system. New TT80 footprints that refine and expand their coverage. Increase in TT80 LTE maximum advertised download and upload speed.	
105	StarBand Communications Inc.	StarBand Communications	0005087457		
107	Orlando Telephone Company	Summit Broadband	0008410102	Summit purchased Marco Island Cable. Marco Island Cable coverage area included in Summit Broadband's data. Increase in coverage of TT40 & 50 and added TT10.	
108	N/A	SVIC Internet & Computers	9999		
116	MetroPCS Florida, LLC T-Mobile USA, Inc.	T-Mobile	0006945950	Provider sent new TT80 3G and 4G mobile coverage footprint shapefiles that refine and expand coverage. LTE and U1900 coverage was added as new areas. Increase in TT80 LTE maximum advertised download and upload speed.	
120	tw telecom holdings inc.	tw telecom	0004351466	New TT30 and TT50 footprint that refines their coverage.	TT50 census block coverage was obtained by address points. The coverage was reviewed and the data ingestion investigated and determined as an accurate representation of the address list.
	Velocity Online	Velocity Online	0016126971	New TT70 provider.	

Changes and Corrections

	FCC Filing Company Name	DBA or Common Name	FRN	Changes	Corrections
126	Cellco Partnership Verizon Florida LLC	Verizon	0012254363	New TT10 & TT50 footprints that refine and expand coverage.	
127	Verizon Business Global LLC	Verizon Wireless	0003290673	New TT80 EVDO and LTE footprints that refine and expand their coverage and added AWS spectrum coverage.	
128	ViaSat Communications, Inc.	ViaSat	0007843766		
131	PAETEC Communications, Inc. Talk America Inc. US LEC of Florida LLC., Windstream Corporation	Windstream	0004967360	New TT10 footprint that refines and decreases their coverage.	Refinement of TT10. Road segment numbers decreased due to road segment processing change as discussed in the methodology. The coverage was reviewed and the data ingestion investigated and determined as an accurate representation of the address list.
132	Knology of Florida, Inc.	Wow! Internet, Cable and Phone	0001808666 0003766268		

State of Georgia Broadband Mapping Project

Change Correction Document

State Broadband Initiative (SBI)

December 31, 2013 Data

April 1, 2014 NTIA Submittal

We provide below more detailed information on changes and corrections to the data submitted April 1, 2014 (S9). We have provided the information in two separate tables for wireless providers and wireline providers. If a provider provides using both wireless and wireline technologies, and if there are changes or corrections to both, this provider may appear in both tables. There were 48 providers who did not submit any changes and their data was carried over as-is from the previous submission. In addition to this, 4 providers made changes and corrections to middle mile locations:

- Cogent Communications, Inc.- middle mile location was removed from data as a correction.
- Level 3 Communications, LLC- Provider submitted new middle mile data.
- T-Mobile- Provider submitted new middle mile data
- Sprint- Provider changed provider name and FRN in the data

Wireless Providers - Change and Corrections

Provider Name	Doing-Business- As Name	Wireless Service Added (in square miles)	Wireless Service Removed (in square miles)	Total Wireless Service area (in square miles)	Change and Correction Comments
AT&T Mobility LLC	AT&T Mobility LLC	11,440.2	282.5	51,595.1	AT&T acquired Alltel. Provider added and increased speeds in the state and made corrections on the fringes of the coverage.
ATG Communications, LLC	Advanced Technology Group	0.0	0.0	2,156.4	Corrected end user code to 2.
iWispr, LLC.	iWispr.Net	0.0	0.0	1,843.3	Corrected licensed wireless spectrum.
Quitman Wireless	Quitman Wireless				Provider is no longer in business. We removed their data from the submission.
Sprint Corporation	Sprint	5,337.7	7.5	22,732.7	Provider changed their provider name and FRN as part of their transaction with Softbank. Sprint purchased the remaining shares of Clearwire. Sprint will submit data previously covered by Clearwire for the whole country. Provider increases speeds in several areas. Some service reduction in the fringes of propagation data indicating data improvement.
T-Mobile USA, Inc.	T-Mobile	2,200.2	87.7	10,549.7	Provider has made changes in availability and speeds have increased in many areas. Some service reduction in the fringes of propagation data indicating data improvement.
Cellco Partnership and its Affiliated Entities	Verizon Wireless			56,609.9	Provider has expanded their 3G and 4G LTE coverage. Provider increased the speeds on their AWS spectrum. The square miles added and removed could not be calculated due to the number of vertices created. A correction to the total square miles was also made.

Wireline Providers - Change and Corrections to Census Blocks and Street Segments

Provider Name	Doing-Business- As Name	Number of Census Blocks Added (Note 1)	Number of Census Blocks Removed (Note1)	Total Number of Blocks Served by Provider (Note 2)	Number of Road Segments Added (Note 1)	Number of Road Segments Removed (Note 1)	Total Number of Road Segments Served by Provider (Note 2)	Change and Correction Comments
Alma Telephone; AL-Call, Inc.; ATC Broadband LLC	Alma Telephone; ATC; ATC Broadband LLC	16	116	2,629	34	205	907	Provider updated name and FRN to include data under the Alma name. Previously the data were under ATC and/or ATC Broadband. Provider updated name and FRN. Provider made changes and corrections to speed and service area since acquiring more accurate data.
BellSouth Telecommunications, Inc.	AT&T Georgia	337	94	102,477	552	340	10,933	Provider made changes and corrections to availability throughout the state.
City of Calhoun	CalNet	318	0	318	23	0	23	New Provider in s9
CenturyTel, Inc.	CenturyLink	275	149	1,910	140	109	1,791	Provider made changes and corrections to availability throughout their service area.
Charter Communications Inc.	Charter Communications Inc.	15	420	40,832	0	130	9,808	Provider removed service from areas no longer part of their network and added one area to network.

Provider Name	Doing-Business- As Name	Number of Census Blocks Added (Note 1)	Number of Census Blocks Removed (Note1)	Total Number of Blocks Served by Provider (Note 2)	Number of Road Segments Added (Note 1)	Number of Road Segments Removed (Note 1)	Total Number of Road Segments Served by Provider (Note 2)	Change and Correction Comments
Chickamauga	Chickamauga Telephone Corporation	0	0	609	0	0	135	Provider corrected fiber speeds.
City of LaGrange	City of LaGrange	11	0	912	0	0	70	Provider added some fiber services.
City of Moultrie	City of Moultrie	0	0	984	0	0	756	Some of the provider's Cable speeds were downgraded to match their website offerings.
Cogent Communications, Inc.	Cogent Communications, Inc.	2	0	59	0	0	0	Provider added and removed some blocks as served, and middle mile location was removed.
Comcast Cable Communications, LLC	Comcast	216	94	71,371	1,754	1,148	5,659	Provider has added and removed service in many areas due to data corrections and changes. Some corrections to the data were due to data processing (i.e. improvements in geocoding.).
Cox Communications, Inc	Cox Communications	0	0	7,226	0	0	794	Provider increased speeds for their entire service area.
Darien Telephone Company, Inc.	Darien Telephone Company, Inc.	0	2	799	0	0	1,763	Provider added fiber to Sapelo Island and corrected data by removing blocks from Liberty county. Upgraded cable other to DOCSIS increased speeds, increased speed of fiber, corrected DBA and FRN
City of Cartersville	FiberCom	0	0	1,116	0	0	56	Provider speeds were corrected to match their product offerings.

Provider Name	Doing-Business- As Name	Number of Census Blocks Added (Note 1)	Number of Census Blocks Removed (Note1)	Total Number of Blocks Served by Provider (Note 2)	Number of Road Segments Added (Note 1)	Number of Road Segments Removed (Note 1)	Total Number of Road Segments Served by Provider (Note 2)	Change and Correction Comments
Frontier Communications of Fairmount, LLC; Frontier Communications of Georgia, LLC	Frontier Communications of Fairmount, LLC; Frontier Communications of Georgia, LLC	10	0	1,814	12	0	1,052	Provider increased speeds in some areas and few blocks were added as corrections to the data.
Windstream Corporation	Georgia Windstream, LLC; Windstream Accucomm Telecommunications, LLC; Windstream Florida, Inc.; Windstream Georgia Communications, LLC; Windstream Georgia Telephone, LLC; Windstream Georgia, LLC	4,974	17,486	33,224	1,777	42,413	14,706	Provider submitted new data that resulted in the changes and corrections throughout the state. Provider corrected names and FRN. Provider only submitted data for their residential offering.
Hargray of Georgia	Hargray	54	35	312	11	2	12	Provider added and removed areas of service and increased speeds.
Hart Telephone & Cable (Lintel Inc.)	Hart Telephone Company	0	49	1,265	0	8	71	Provider made corrections to the data by removing areas they do not serve.
Level 3 Communications, LLC	Level 3 Communications, LLC	762	2,346	2,149	16	51	23	Provider submitted changes and corrections due to improvements in address identification/parsing of addresses from their database. This

Provider Name	Doing-Business- As Name	Number of Census Blocks Added (Note 1)	Number of Census Blocks Removed (Note1)	Total Number of Blocks Served by Provider (Note 2)	Number of Road Segments Added (Note 1)	Number of Road Segments Removed (Note 1)	Total Number of Road Segments Served by Provider (Note 2)	Change and Correction Comments
								resulted in a very different input dataset . We also found some geocoding errors in data that they submitted in S8 where zip codes were missing. We have put in a new geocoder in place that has corrected those mistakes – we now have a very different footprint of Level 3 that includes data corrections from Level 3 and data corrections due to Sanborn data processing.
MMC Georgia LLC.	Mediacom	0	0	15,268	0	0	1,558	Provider changed their Provider Name and made corrections to their speeds.
MegaPath Corporation	MegaPath Corporation	0	0	61,601	0	0	3,601	Provider submitted new data that resulted in some speed changes.
University System of Georgia	PeachNet	36	0	36	1	0	1	New Provider in s9
Pineland Telephone Company, Inc.	Pineland Telephone Company, Inc.	0	0	3,101	0	0	2,936	Provider added fiber service that has replaced the DSL in that area.
Progressive Rural Telephone	Progressive Rural Telephone	0	34	659	0	80	833	Provider submitted new exchange boundary that resulted in areas outside their boundary being removed as served.
Ringgold Telephone Company	Ringgold Telephone Company	0	70	756	0	0	508	Provider made corrections that resulted in areas on the fringes of their exchange boundary being removed as served.

Provider Name	Doing-Business- As Name	Number of Census Blocks Added (Note 1)	Number of Census Blocks Removed (Note1)	Total Number of Blocks Served by Provider (Note 2)	Number of Road Segments Added (Note 1)	Number of Road Segments Removed (Note 1)	Total Number of Road Segments Served by Provider (Note 2)	Change and Correction Comments
Blue Ridge Telephone Company; Camden Telephone & Telegraph Company, Inc.; Nelson-Ball Ground Telephone Company; Quincy Telephone Company	TDS Telecom	96	86	2,685	130	89	1,597	Provider submitted new data that resulted in changes and corrections to their service area.
TruVista Communications of Georgia, LLC	TruVista	46	0	1,887	56	0	1,090	Provider added an area of Cable DOCSIS 3.0 and correct existing cable speeds.
Trenton Telephone Company	TVN	0	0	1,004	0	0	392	Provider added some fiber coverage, corrected fiber speeds and changed DBA.
TW Telecom of Georgia L.P.	TW Telecom of Georgia L.P.	231	67	332	0	0	0	Provider submitted new data that resulted in changes and corrections to their service area. Speeds for their fiber offerings were increased.
Wave2Wave Communications, Inc.	Wave2Wave Communications	0	1	0	0	0	0	Provider was acquired by SignalPoint. SignalPoint would not confirm Wave2Wave had one block of service in Georgia therefore we removed their data from the submission.
Zayo Group, LLC	Zayo Group, LLC	277	24	54	1	0	0	Provider changed the format of their submission which resulted in changes to their availability.

Note 1: The number of blocks added and removed do not represent unique blocks or roads – if a provider added service on a block or a road with multiple technologies, these blocks may be counted multiple times in the added and removed fields.

Note 2: The total number of blocks served by a provider has been calculated to include only unique blocks – i.e. if a block is served by a provider by multiple technologies, it is counted only once. However, the roads may include double counting because of being served by multiple technologies because there are no unique IDs on roads to summarize by.



Hawaii Broadband Data Changes and Corrections April 1, 2014 Data Submission

Corrections:

- **T-Mobile** - Duplicate entries were found from last submission and removed.

Changes:

- **TMobile** – Provided updated coverage. One additional shapefile provided.
- **Verizon** – Provided updated coverage.
- **AT&T** – Provided updated coverage.
- **Sprint** – Provided updated coverage. They also change their FRN number because they dropped Nextel.



CHANGES AND CORRECTIONS FOR APRIL 2014

MERGERS AND ACQUISITIONS

Throughout the course of the SBI program, CN has maintained a repository of electronic records related to its provider outreach activities. Due to the high volume of mergers and acquisitions (M&A) within the provider community, CN continues to maintain a listing of M&A activities as a way of supplementing the Provider Changes and Corrections. M&A activities for this submission period for the state of Iowa are listed below with a brief description and date as obtained through public records or provider disclosure.

On October 7, 2013, Birch Communications completed the acquisition of Lightyear Network Solutions, Inc. Lightyear operated as a non-facilities based general reseller of services offered by broadband providers. While data has not been provided during past mapping submissions, Connected Nation will continue to call on Birch Communications and invite it to consider participation and the advantage of contributing to the state's broadband mapping program.

DATASET CHANGES AND CORRECTIONS

As requested by the SBI Program Office, a listing of the changes and/or corrections to the datasets between the October 2013 and April 2014 submissions is included in this narrative. This information is presented in this section as well as in the Broadband Provider Log. Changes to the data include expansion of service area(s), activation of new wireless towers, and upgrades to the network to provide higher download speeds to consumers. Corrections to the dataset include the addition of previously existing providers whose coverage has never been submitted, revision of coverage or speed information that was incorrect, and any other items that were misrepresented in the October 2013 dataset.

Provider Name	Technology Type	Changes and Correction Notes	Change in Census Blocks
Ace Telephone Association	DSL (Residential)	Change: Provider expanded their DSL coverage area.	11
Ace Telephone Association	DSL (Business)	Change: Provider offers business speeds at tier 8 download and tier 7 upload in the same area as their residential services.	0

Ace Telephone Association	Fixed Wireless	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	N/A
Algona Municipal Utilities	Cable	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0
Algona Municipal Utilities	Fiber	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0
Alliance Communications Cooperative, Inc.	Fiber	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0
Alpine Communications, LC	DSL	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0
Alpine Communications, LC	Fiber	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0
Alta Municipal Utilities	Cable	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0
Arcadia Telephone Cooperative	DSL	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0
AT&T Inc.	Mobile Wireless	Changes and/or Corrections: Possible service expansion or corrections to previous dataset; entirely new dataset provided for April 2014 submission.	N/A
Atkins Telephone Company	DSL	Change: Provider upgraded their speeds to tier 9 download and tier 7 upload, and changed their end user category to 5.	0

Atkins Telephone Company	Fiber	Change: Provider upgraded their speeds to tier 9 download and tier 7 upload, and changed their end user category to 5.	0
Aventure Communications	Backhaul	Change: Provider sold assets to Siouxland Wireless.	N/A
Aventure Communications	Fixed Wireless	Change: Provider sold assets to Siouxland Wireless.	N/A
Ayrshire Farmers Mutual Telephone Company	DSL	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0
Ayrshire Farmers Mutual Telephone Company	Fixed Wireless	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	N/A
Baldwin Nashville Telephone Company, Inc.	DSL	Change: The company no longer offers DSL service as it has all been switched over to fiber.	-158
Baldwin Nashville Telephone Company, Inc.	Fiber	Change: Provider upgraded speeds to tier 7 download and tier 4 upload, and changed end user category to 5.	0
Be Line Wireless	Fixed Wireless	Change: Provider added two new fixed wireless towers, and changed their end user category to 5.	N/A
Bellevue Municipal Utilities	Fiber (Residential)	Correction: Provider stated that their residential fiber speeds are tier 4 download and upload.	0
Bellevue Municipal Utilities	Fiber (Business)	Change: Provider offers tier 5 download and upload for their business coverage.	0
Bernard Telephone Company, Inc.	DSL	Change: All DSL has been converted over to fiber.	-193
Bernard Telephone Company, Inc.	Fiber	Change: Provider converted all DSL over to fiber, but this conversion did not change the previous fiber coverage, only the speeds. The provider now offers tier 7 download and tier 4 upload for their fiber coverage.	0
Bernard Telephone Company, Inc.	Fixed Wireless	Change: Provider changed their end user category to 5.	N/A

BEVCOMM	DSL	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0
BissoWireless LLC	Fixed Wireless	Change: This is a new provider that started business recently.	N/A
BitWind Communications, LLC	Fixed Wireless	Change: Provider changed their end user category to 5.	N/A
Board of Water Electric & Communication Trustees of the City of Muscatine	Cable (Residential)	Change: Provider upgraded speeds to tier 9 download.	0
Board of Water Electric & Communication Trustees of the City of Muscatine	Cable (Business)	Change: Provider offers tier 7 download and tier 5 upload for business only customers.	0
Board of Water Electric & Communication Trustees of the City of Muscatine	Fiber	Change: Provider upgraded their speeds to tier 11 download and tier 11 upload.	0
Board of Water Electric & Communication Trustees of the City of Muscatine	Fixed Wireless	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	N/A
Brooklyn Mutual Telecommunications Cooperative	DSL	Change: Provider upgraded advertised download speed to tier 6 and changed the end user category to 5.	0
BTWI Wireless Internet LLC	Fixed Wireless	Change: Provider expanded their coverage area.	N/A
Butler-Bremer Mutual Telephone Company	Cable	Change: Provider upgraded their speeds to tier 9 download and tier 5 upload, and changed their end user category to 5.	0
Butler-Bremer Mutual Telephone Company	DSL	Change: Provider converted a portion of their DSL coverage area over to fiber, and changed their end user category to 5.	-64

Butler-Bremer Mutual Telephone Company	Fiber	Change: Provider expanded their fiber coverage area and upgraded their maximum advertised download speed to tier 9 download throughout their whole coverage area. They also upgraded their maximum advertised upload speed to tier 5 in a portion of their coverage area, with the remaining area having tier 6 maximum advertised download speed.	68
Cascade Communications Company	DSL	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0
Cascade Communications Company	Fiber	Change: Provider expanded fiber coverage area.	16
Casey Mutual Telephone Company	DSL	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0
Cedar Falls Utilities	Fiber	End User Category Change: Learned from the provider that they offer both residential and business services in the same coverage area at the same speeds.	0
Cedar Falls Utilities	Fixed Wireless	End User Category Change: Learned from the provider that they offer both residential and business services in the same coverage area at the same speeds.	N/A
Center Junction Telephone Company	DSL	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0
Central Scott Telephone Company, Inc.	DSL	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0
Central Scott Telephone Company, Inc.	Fixed Wireless	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	N/A

CenturyLink	DSL	Changes and/or Corrections: Possible service expansion or corrections to previous dataset; entirely new dataset provided for April 2014 submission.	981
CenturyLink	Fiber	Change: Provider expanded fiber coverage area.	10
Chat Mobility	Mobile Wireless	Change: Provider expanded LTE coverage area and changed end user category to 5.	N/A
Circle Computer Resources	Fixed Wireless	Change: End user category changed to category 5.	N/A
Citizens Mutual Telephone Cooperative	DSL	Change: Provider converted a portion of their coverage area over to fiber.	-488
Citizens Mutual Telephone Cooperative	Fiber	Change: Provider expanded their fiber coverage area.	84
City of Hawarden	Cable	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0
Clarence Telephone Company, Inc.	Fiber	Change: Provider offers business speeds of tier 10 download and upload.	0
Clear Lake Independent Telephone Company (Clear Lake Independent Telephone Company)	DSL	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0
Clear Lake Independent Telephone Company (Clear Lake Independent Telephone Company)	Fiber	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0
Clear Lake Independent Telephone Company (Northland Communications Inc)	Fiber	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0
CML Telephone Cooperative Association of Meriden, Iowa	Fiber	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0
Colo Telephone Company (Central Iowa Broadband)	Fiber	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0

Colo Telephone Company (Colo Telephone Company)	Fiber	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0
Communications 1 Network, Inc.	Fiber	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0
Community Cable Television Agency of O'Brien County	Cable	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0
Community Cable Television Agency of O'Brien County	Fixed Wireless	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	N/A
Community Digital Wireless, LLC	Fixed Wireless	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	N/A
Coon Creek Telecommunications Corp.	DSL	Change: Provider changed their end user category to 5.	0
Coon Valley Co-op Telephone Association, Inc.	DSL	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0
Coon Valley Co-op Telephone Association, Inc.	Fixed Wireless	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	N/A
Cooperative Telephone Company	DSL	Change: Provider changed end user category to 5.	0
Cooperative Telephone Company	Fixed Wireless	Change: Provider added a new fixed wireless tower and changed their end user category to 5.	N/A
Cooperative Telephone Exchange	Fiber	Change: End user category changed to category 5.	0

Corn Belt Telephone Company	DSL	Change: Provider has converted all DSL over to fiber.	-233
Corn Belt Telephone Company	Fiber	Change: Provider converted all their DSL over to fiber, and expanded their fiber coverage to new areas.	217
Corn Belt Telephone Company	Fixed Wireless	Change: Provider changed their end user category to 5.	N/A
Cumberland Telephone Company	DSL	Change: Provider offers tier 7 download and tier 4 upload for their business coverage.	0
Cumberland Telephone Company	Fixed Wireless	Change: Provider expanded their fixed wireless coverage area, and offers tier 7 download and tier 4 upload for their business coverage.	N/A
Cumberland Telephone Company	Fixed Wireless	Change: Provider expanded their residential fixed wireless coverage area.	N/A
Danville Mutual Telephone Company	DSL	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0
Dixon Telephone Company	Cable	Change: End user category changed to category 5.	0
Dumont Telephone Company	Cable	Change: End user category changed to category 5.	0
Dumont Telephone Company	DSL	Change: Provider has converted all DSL coverage over to fiber.	-207
Dumont Telephone Company	Fiber	Change: Provider converted their DSL coverage area over to fiber.	208
Dunkerton Telephone Cooperative	DSL	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0
Eastlight, LLC	Fixed Wireless	Change: End user category changed to category 5.	N/A
Ellsworth Cooperative Telephone Association	Fiber	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0

Evertex Enterprises	Cable	Change: Provider changed their end user category to 5.	0
Evertex Enterprises	Fiber	Change: Provider changed their end user category to 5.	0
Evertex Enterprises	Fixed Wireless	Change: Provider changed their end user category to 5.	N/A
F&B Communications, Inc.	DSL	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0
F&B Communications, Inc.	Fiber	Change: Provider expanded their fiber coverage area, and changed their end user category to 5.	37
Farmers Cooperative Telephone Company-Dysart	DSL	End User Category Change: I learned from the provider that they offer both residential and business services in the same coverage area at the same speeds.	0
Farmers Mutual Cooperative Telephone Company - Harlan	Cable	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0
Farmers Mutual Cooperative Telephone Company - Harlan	DSL	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0
Farmers Mutual Cooperative Telephone Company - Harlan	Fiber	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0
Farmers Mutual Cooperative Telephone Company - Harlan	Fixed Wireless	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	N/A
Farmers Mutual Cooperative Telephone Company-Moulton	Fiber	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0
Farmers Mutual Telephone Company - Nora Springs	Cable	Change: Provider changed their end user category to 5.	0

Farmers Mutual Telephone Company - Nora Springs	DSL	Change: Provider changed their end user category to 5.	0
Farmers Mutual Telephone Company - Nora Springs (OmniTel)	Fiber	Change: Provider changed their name from Farmers Mutual Telephone Company to OmniTel Communications, expanded their fiber coverage area, and changed their end user category to 5.	666
Farmers Mutual Telephone Company - Nora Springs (Farmers Mutual Telephone Company)	Fiber	Change: Provider expanded their fiber coverage area and changed their end user category to 5. Provider changed the name and dba name of some records, leading to a decrease for this name.	-343
Farmers Mutual Telephone Company - Nora Springs (Farmers Telephone Company)	Fiber	Change: Provider changed their name from Farmers Mutual Telephone Company to Farmers Telephone Company, expanded their fiber coverage area, and changed their end user category to 5.	570
Farmers Mutual Telephone Company - Nora Springs	Fixed Wireless	Change: Provider changed their end user category to 5.	N/A
Farmers Mutual Telephone Company of Stanton, Iowa	Cable	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0
Farmers Mutual Telephone Company of Stanton, Iowa (Farmers Mutual Telephone Company of Stanton, Iowa)	DSL	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0
Farmers Mutual Telephone Company of Stanton, Iowa (Villisca Farmers Telephone Company)	DSL	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0
Farmers Telephone Company-Essex	DSL	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0

Farmers Telephone Company-Essex	Fixed Wireless	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	N/A
FiberComm L.C.	DSL	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0
FiberComm L.C.	Fixed Wireless	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	N/A
Frontier Communications Corporation	DSL	Change: Provider added addition DSLAM locations.	1
Goldfield Access Network, L.C. (Goldfield Telephone Company)	DSL	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0
Goldfield Access Network, L.C. (Goldfield Access Network, L.C.)	DSL	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0
Goldfield Access Network, L.C.	Fiber	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0
Grand Mound Cooperative Telephone Association	DSL	Change: Provider offers business speeds of tier 10 download and upload.	0
Grand Mound Cooperative Telephone Association	Fiber	Change: Provider offers business speeds of tier 10 download and upload.	0
Grand Mound Cooperative Telephone Association	Fixed Wireless	Change: Provider changed their end user category to 5.	N/A
Grand River Mutual Telephone Corporation (Grand River Mutual Telephone Corporation)	DSL	Change: Provider converted a portion of their DSL coverage area to fiber.	-1257

Grand River Mutual Telephone Corporation (Grand River Mutual Telephone Corporation)	Fiber	Change: Provider expanded their fiber coverage area, and upgraded their speeds to tier 9 download and tier 8 upload.	747
Grand River Mutual Telephone Corporation (South Central Communications, Inc.)	DSL	Change: Provider has converted DSL coverage over to fiber.	-345
Grand River Mutual Telephone Corporation (South Central Communications, Inc.)	Fiber	Change: Provider converted the remainder of their DSL over to fiber, and upgraded their speeds to tier 9 download and tier 8 upload.	327
Grand River Mutual Telephone Corporation	Fixed Wireless	Change: Provider changed their end user category to 5.	N/A
Great Lakes Communication Corp.	Fixed Wireless	Change: Provider added a new tower.	N/A
Griswold Cooperative Telephone Company	DSL	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0
Grundy Center Municipal Utilities	Cable	Change: Provider changed their end user category to 5.	0
Grundy Center Municipal Utilities	Fixed Wireless	Change: Provider changed their end user category to 5.	N/A
Harlan Municipal Utilities	Cable	Change: Provider offers business speeds of tier 10 download and upload.	0
Harmony Telephone Company	DSL	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0
Harmony Telephone Company	Fixed Wireless	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	N/A
Hawkeye Telephone Company	DSL	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0
Heart of Iowa Communications Cooperative	DSL	Change: End user category changed to category 5.	0

Heart of Iowa Communications Cooperative	Fiber	Change: Provider expanded their fiber coverage area and changed their end user category to 5.	26
Heart of Iowa Communications Cooperative	Fixed Wireless	Change: End user category changed to category 5.	N/A
Hospers Telephone Exchange, Inc.	Cable	Change: Provider offers higher speeds for their business services.	0
Hospers Telephone Exchange, Inc.	DSL	Change: End user category changed to category 5.	0
Hospers Telephone Exchange, Inc.	Fiber	Change: End user category changed to category 5.	0
Hubbard Cooperative Telephone Association and Cable	DSL	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0
Huxley Communications Cooperative	DSL (Residential)	Change: Provider converted a portion of their DSL coverage area over to fiber.	-333
Huxley Communications Cooperative	DSL (Business)	Change: Provider offers tier 10 download and upload speeds for their business coverage.	0
Huxley Communications Cooperative	Fiber (Residential)	Change: Provider expanded their fiber coverage area.	71
Huxley Communications Cooperative	Fiber (Business)	Change: Provider offers tier 10 download and upload for their business coverage.	0
IAMO Telephone Company	DSL	Change: Provider converted their entire DSL coverage area over to fiber.	-277
IAMO Telephone Company	Fiber	Change: Provider converted their entire DSL coverage area over to fiber.	276
IAMO Telephone Company	Fixed Wireless	Change: End user category changed to category 5.	N/A
ImOn Communications, LLC	Cable	Change and Correction: Provider expanded their cable coverage area, but other areas were removed that were incorrectly added previously.	-20
ImOn Communications, LLC	Fiber (Residential)	Change: Provider expanded their fiber coverage area.	148
ImOn Communications, LLC	Fiber (Business)	Change: This is the first submission for this provider's business coverage.	362
IMU Network Services	Fiber	Change: Provider offers business speeds of tier 11 download and upload.	0

IMU Network Services	Fixed Wireless	Change: Provider changed their end user category to 5.	N/A
Independence Telecommunications Utility	Cable	Change: Provider updated speeds to tier 10 download and tier 7 upload, and updated their end user category to 5.	0
Internet Consulting Services, LLC	Fixed Wireless	Change: End user category changed to category 5.	N/A
Interstate 35 Telephone Company (Interstate Communications)	Fiber	Change: End user category changed to 5.	0
Interstate 35 Telephone Company (Southwest Telephone Exchange)	Fiber	Change: End user category changed to 5.	0
Jab Wireless, Inc.	DSL	Change: End user category changed to category 5.	0
Jab Wireless, Inc.	Fixed Wireless	Change: End user category changed to category 5.	N/A
Jefferson Telephone Company	DSL	Change: End user category changed to 5.	0
Jefferson Telephone Company	Fiber	Change: End user category changed to 5.	0
Kalnet	Fixed Wireless	Change: Company is no longer in business.	N/A
Kalona Cooperative Telephone Company	DSL (Residential)	Change: Provider expanded their DSL coverage area.	1
Kalona Cooperative Telephone Company	DSL (Business)	Change: This is the initial submission for the provider's business coverage.	37
Kalona Cooperative Telephone Company	Fiber (Residential)	Change: Provider expanded their fiber coverage area.	63
Kalona Cooperative Telephone Company	Fiber (Business)	Change: This is the initial submission for the provider's business coverage.	201
Keystone Farmers Cooperative Telephone Company	DSL	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0
Killduff Telephone Company	DSL	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0
La Porte City Telephone Co	DSL	Change: Provider changed their end user category to 5.	0

Laurens Municipal Communications Utility	Cable	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0
Lehigh Valley Cooperative Telephone Association	Fiber	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0
Lenox Municipal Utilities	Fiber	Change: Provider changed their end user category to 5.	0
Level 3 Communications, LLC	Fiber	Changes and/or Corrections: Possible service expansion or corrections to previous dataset; entirely new dataset provided for April 2014 submission.	-12
LISCO Wireless	DSL	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0
LISCO Wireless	Fiber	Change: End user category changed to 5.	0
Lone Rock Cooperative Telephone Company	DSL	Change: Provider changed their end user category to 5.	0
Long Lines	Cable	Change: Provider changed their end user category to 5.	0
Long Lines	DSL	Change: Provider changed their end user category to 5.	0
Lost Nation-Elwood Telephone Company	Fiber	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0
LTD Broadband LLC	Fixed Wireless	Correction: New provider for the April 2014 submission, but was previously in service.	N/A
Lynnville Telephone Company, Inc.	DSL	Change: Provider upgraded advertised download speed to tier 7 and changed the end user category to 5.	0
Mabel Cooperative Telephone Company	DSL	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0

Manning Municipal Communication & Television System Utility	Cable	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0
Manning Municipal Communication & Television System Utility	Fixed Wireless	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	N/A
Marne & Elk Horn Telephone Company	DSL	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0
Marne & Elk Horn Telephone Company	Fiber	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0
Marne & Elk Horn Telephone Company	Fixed Wireless	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	N/A
Martelle Cooperative Telephone Association	Cable	Change: Provider changed their end user category to 5.	0
Martelle Cooperative Telephone Association	DSL	Change: Provider changed their end user category to 5.	0
Mechanicsville Telephone Company	DSL	Change: Provider upgraded speeds to tier 7 download and changed end user category to 5.	0
Mechanicsville Telephone Company	Fixed Wireless	Change: Provider upgraded speeds to tier 7 download and changed end user category to 5.	N/A
Mediacom Communications Corporation	Cable	Change: Provider expanded their cable coverage area.	12
Mediapolis Telephone Company	DSL	Change: Provider submitted business speeds of tier 9 download and tier 8 upload.	0
Mediapolis Telephone Company	Fiber	Change: Provider submitted business speeds of tier 9 download and tier 8 upload.	0

MidIowa Net	DSL	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0
MidIowa Net	Fixed Wireless	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	N/A
Miles Cooperative Telephone Association	DSL	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0
Miles Cooperative Telephone Association	Fiber	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0
Milford Cable TV Inc.	Cable	Change: Provider offers speeds of tier 10 download and tier 5 upload.	0
Minburn Communications	DSL	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0
Minburn Communications (Minburn Telephone Company)	Fiber	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0
Minburn Communications (Minburn Telecommunications)	Fiber	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0
Minburn Communications	Fixed Wireless	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	N/A
Minerva Valley Telephone Cablevision, Inc.	DSL	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0

Modern Cooperative Telephone Company Inc.	DSL	End User Category Change: It has been determined that the provider offers both types of services in the same coverage area at the same speeds.	0
Monarc Technologies	Fiber	Change: Provider offers business speeds of tier 7 download and upload.	0
Mutual Telephone Company	Fiber	Change: Provider offers business speeds of tier 9 download and tier 5 upload.	0
Mutual Telephone Company of Morning Sun, Iowa (Louisa Communications)	DSL	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0
Mutual Telephone Company of Morning Sun, Iowa (Mutual Telephone)	DSL	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0
Mutual Telephone Company of Morning Sun, Iowa	Fixed Wireless	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	N/A
New Ulm Telecom, Inc.	DSL	Change: End user category changed to category 5.	0
North English Cooperative Telephone Company	DSL	Change: Provider upgraded their speeds to tier 7 download and tier 5 upload, and changed their end user category to 5.	0
Northeast Iowa Telephone Company	DSL	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0
Northeast Iowa Telephone Company	Fiber	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0
Northeast Iowa Telephone Company	Fixed Wireless	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	N/A
Northern Iowa Telephone Company	DSL	Change: Provider offers business speeds of tier 9 download and tier 5 upload.	0

Northern Iowa Telephone Company	Fiber	Change: Provider offers business speeds of tier 9 download and tier 5 upload.	0
Northwest Telephone Cooperative Association	DSL	Change: Provider offers higher business speeds in the same area as their residential coverage.	0
Northwest Telephone Cooperative Association	Fixed Wireless	Change: Provider offers higher business speeds in the same area as their residential coverage.	N/A
Olin Telephone Company, Inc.	DSL	Change: End user category changed to category 5.	0
Olin Telephone Company, Inc.	Fiber	Change: Provider expanded their fiber coverage area.	3
Onslow Cooperative Telephone Association	DSL	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0
Oran Mutual Telephone Company	DSL	Change: Provider converted their entire DSL coverage area over to fiber.	-101
Oran Mutual Telephone Company	Fiber	Change: Provider converted their entire DSL coverage area over to fiber, and increased the speeds to tier 6 download and tier 3 upload.	101
Osage Municipal Communications Utility	Cable	Change: Provider changed their end user category to 5.	0
Osage Municipal Communications Utility	Fixed Wireless	Change: Provider changed their end user category to 5.	N/A
Palmer Mutual Telephone Company	DSL	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0
Palo Cooperative Telephone Association	Fiber	Change: Provider changed their end user category to 5.	0
Panora Communications Cooperative (Panora Cooperative Cablevision Association, Inc)	Cable	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0
Panora Communications Cooperative (Panora Telecommunications, Inc.)	Cable	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0

Panora Communications Cooperative (Panora Communications Cooperative)	Fiber	Change: End user category changed to 5.	0
Panora Communications Cooperative (Guthrie Telecommunications Network, Inc.)	Fiber	Change: Provider offers tier 5 upload speeds for business customers. Download speeds are still tier 7.	0
Panora Communications Cooperative (Guthrie Center Communications)	Fixed Wireless	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	N/A
Panora Communications Cooperative (Panora Telco)	Fixed Wireless	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	N/A
Partner Communications Cooperative	DSL	Change: Provider converted their DSL coverage over to fiber.	-580
Partner Communications Cooperative	Cable	Change: Provider changed their end user category to 5.	0
Partner Communications Cooperative	Fiber	Change: Provider converted their DSL coverage over to fiber, updated their fiber speeds to tier 7 download and tier 3 upload, and changed their end user category to 5.	565
Prairieburg Telephone Company, Inc	DSL	Change: Provider changed end user category to 5.	0
Prairieburg Telephone Company, Inc	Fixed Wireless	Change: Provider added an additional fixed wireless tower and changed their end user category to 5.	N/A
Premier Communications	Cable	Change: Provider offers tier 9 download and tier 5 upload to their cable business customers, in the same area as their residential cable.	0
Premier Communications	Fiber (Business)	Change: Provider offers tier 9 download and tier 5 upload to their fiber business customers, in the same area as their residential fiber.	270
Premier Communications	Fiber (Residential)	Change: Provider expanded their fiber coverage area.	120

Preston Telephone Company	DSL	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0
Radcliffe Telephone Company, Inc.	Fiber	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0
Readlyn Telephone Company	DSL	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0
Readlyn Telephone Company	Fiber	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0
Reasnor Telephone Company, LLC	DSL	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0
Ringtel Communications	DSL	Change: Provider changed their end user category to 5.	0
River Valley Telecommunications Coop	DSL	Change: Provider offers business speeds of tier 10 download and upload.	0
River Valley Telecommunications Coop	Fiber	Change: Provider offers business speeds of tier 10 download and upload.	0
River Valley Telecommunications Coop	Fixed Wireless	Change: Provider offers business speeds of tier 6 download and tier 5 upload.	N/A
Rockwell Cooperative Telephone Association	DSL	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0
Rockwell Cooperative Telephone Association	Fiber	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0

Rockwell Cooperative Telephone Association	Fixed Wireless	Change: Provider added a new fixed wireless tower and changed their end user category to 5.	N/A
Royal Telephone Company	Fiber	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0
Sac County Mutual Telephone Co.	DSL	Change: Provider changed their end user category to 5.	0
Scranton Telephone Company	DSL	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0
Searsboro Telephone Company	DSL	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0
Sioux Valley Rural Television, Inc.	Fixed Wireless	Change: End user category updated to 5.	N/A
Siouxland Wireless, LLC	Fixed Wireless	Change: This is the first submission for this provider due to buyout. Speeds updated to tier 5 download and upload.	N/A
South Slope Cooperative Telephone Company	DSL	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0
South Slope Cooperative Telephone Company	Fiber	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0
SpeedNet, LLC	Fixed Wireless	Change: Provider expanded their coverage area.	N/A
Spencer Municipal Utilities	Cable	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0
Spencer Municipal Utilities	Fiber	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0

Spiral Communications LLC	Fixed Wireless (Business)	Change: Provider offers business coverage at speeds of tier 7 download and tier 5 upload in the same area as their residential coverage.	N/A
Spiral Communications LLC	Fixed Wireless (Residential)	Correction: Provider changed the maximum advertised upload speed to tier 4 for residential coverage.	N/A
Spring Grove Cooperative Telephone Co	Fiber	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0
Springville Cooperative Telephone Association, Inc.	DSL	Change: Provider converted a portion of their DSL service over to fiber.	-1
Springville Cooperative Telephone Association, Inc.	Fiber	Change: Provider started offering fiber service in a portion of their coverage area.	5
Sprint Nextel Corporation	Mobile Wireless	Changes and/or Corrections: Possible service expansion or corrections to previous dataset; entirely new dataset provided for April 2014 submission.	N/A
Sully Telephone Association Inc	DSL	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0
Sully Telephone Association Inc	Fixed Wireless	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	N/A
Superior Telephone Cooperative	DSL	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0
Swisher Telephone Company	Fiber	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0
TC LLC	Cable	Change: This provider is being submitted for the first time; recently started business.	59

TC LLC	Fixed Wireless	Change: This provider is being submitted for the first time; recently started business.	N/A
Templeton Telephone Company	DSL	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0
Terril Telephone Cooperative	DSL	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0
T-Mobile USA, Inc.	Mobile Wireless	Changes and/or Corrections: Possible service expansion or corrections to previous dataset; entirely new dataset provided for April 2014 submission.	N/A
Traer Municipal Utilities	Fixed Wireless	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	N/A
United States Cellular Corporation	Mobile Wireless	Change: Provider expanded their LTE coverage area.	N/A
USA Communications	Cable	Change: Provider changed their end user category to 5.	0
USA Communications	DSL	Change: Provider changed their end user category to 5.	0
USA Communications	Fiber	Change: Provider changed their end user category to 5.	0
Van Buren Telephone Co Inc	DSL	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0
Van Horne Cooperative Telephone Company	DSL	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0
Van Horne Cooperative Telephone Company	Fiber	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0

Verizon Communications, Inc.	Mobile Wireless	Changes and/or Corrections: Possible service expansion or corrections to previous dataset; entirely new dataset provided for April 2014 submission.	N/A
ViaSat, Inc.	Satellite	Change: Provider removed their tier 5 download and tier 3 upload speed coverage area.	N/A
Walnut Telephone Company	Cable	Change: Provider offers business speeds of tier 7 download and tier 3 upload.	0
Walnut Telephone Company	DSL	Change: Provider offers business speeds of tier 7 download.	0
Walnut Telephone Company	Fiber	Change: Provider offers business speeds of tier 7 download and tier 3 upload.	0
Walnut Telephone Company	Fixed Wireless	Change: Provider offers business speeds of tier 7 download.	N/A
Webb-Dickens Telephone Corporation	Fiber	Change: Provider offers business speeds of tier 9 download and tier 5 upload.	0
Webster-Calhoun Cooperative Telephone Association	Fiber	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0
Wellman Cooperative Telephone Association	DSL	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0
Wellman Cooperative Telephone Association	Fiber	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0
Wellman Cooperative Telephone Association	Fixed Wireless	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	N/A
West Iowa Telephone Company	Fiber	Change: Provider expanded their fiber coverage area and upgraded their speeds to tier 10 download and upload.	182
West Liberty Telephone Company	DSL	Change: End user category changed to 5.	0
West Liberty Telephone Company	Fiber	Change: End user category changed to 5.	0

West Liberty Telephone Company	Fixed Wireless	Change: End user category changed to 5.	N/A
Western Iowa Networks	DSL	Change: Provider converted a portion of their DSL coverage over to fiber and changed their end user category to 5.	-211
Western Iowa Networks	Fiber	Change: Provider expanded their fiber coverage area.	145
Western Iowa Networks	Fixed Wireless	Change: End user category changed to 5.	N/A
Western Iowa Telephone Association	Cable (Residential)	Change: Provider started offering cable broadband.	48
Western Iowa Telephone Association	Cable (Business)	Change: Provider started offering cable broadband.	48
Western Iowa Telephone Association	DSL	Change: Provider expanded their DSL coverage area. Provider also offers tier 10 download and upload speeds to their business customers, within the same service boundary as their residential coverage.	1331
Windstream Communications	DSL	Changes and/or Corrections: Possible service expansion or corrections to previous dataset; entirely new dataset provided for April 2014 submission.	-18059
Winnebago Cooperative Telecom Association	DSL	Change: Provider changed their end user category to 5.	0
Winnebago Cooperative Telecom Association	Fiber	Change: Provider changed their end user category to 5.	0
Woolstock Mutual Telephone	DSL	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	0
Woolstock Mutual Telephone	Fixed Wireless	End User Category Change: It has been determined that the provider offers both residential and business services in the same coverage area at the same speeds.	N/A
WTC Communications, Inc.	Cable	Change: Provider offers tier 10 download and upload speeds to their business customers, within the same service boundary as their residential coverage.	0

WTC Communications, Inc.	DSL (Business)	Change: Provider offers tier 10 download and upload speeds to their business customers, within the same service boundary as their residential coverage.	263
WTC Communications, Inc.	DSL (Residential)	Change and Correction: Provider expanded their DSL coverage area and also removed a small area of coverage.	-1
WTC Communications, Inc.	Fixed Wireless	Change: Provider has discontinued their fixed wireless service.	N/A
Wyoming Mutual Telephone Company	DSL	Change: Provider upgraded their speeds to tier 5 download and tier 3 upload in a portion of their coverage area.	0

ProviderID	ST	DBA Name	Provider Name	Average Speed Change	Average Transtech Change	Record Count Change	Update Description	Changes And Corrections	Provider > 25% State Area
115	Id	Albion Telephone Company	ATC Communications				Updated using new provider data	Update fiber area using submitted service area polygons Fiber area increased SG converted to fiber coverage from DSL	
661	Id	AT&T Mobility LLC	AT&T Mobility LLC				Updated using new provider data	replace existing coverage with submitted coverage moderate increase in coverage footprint	X
131	Id	CenturyLink	CenturyTel, Inc.			X	Updated using new provider data	Replace existing coverage with submitted data Blocks increase to 30023 from 29808 Segments decrease to 6062 from 6604	
527	Id	Comcast	Comcast of California Idaho, Inc.			X	Updated using new provider data	Updated coverage from provider, removed several towns as those properties are no longer serviced by provider. Service similar to prior round	
118	Id	Direct Communications	Direct Communications Rockland, Inc.	X	X	X	Updated using new provider data	All coverage being reported under single provider. Updated Provider Name and FRN.	
138	Id	Direct Communications	Direct Communications Cable	1	1	1	Updated using new provider data	combine coverage for provider into one company name and frn. No change in coverage area.	
120	Id	Farmers Mutual Telephone Company	Farmers Mutual Telephone Company	X	X	X	Updated using new provider data	Wireless coverage added, 71x5x3x5x3 Typical speeds added to all wireline features Wireline extent, max speeds unchanged	
121	Id	Filer Mutual Telephone Company	Filer Mutual Telephone Company			X	Updated using new provider data	Some areas converted to fiber Some DSL area added to coverage	
162	Id	First Step Internet	First Step Internet, LLC				Updated using new provider data	wireless coverage replaced with new coverage	
132	Id	Frontier Communications of Idaho	Citizens Telecommunications Company of Idaho			X	Updated using new provider data	Updated coverage submitted Create networks for new nodes and integrate into existing coverage Feature counts unchanged Some speeds updated, 8x5 tier on some dslam nodes reduced to 7x4, tiers adjusted speed reporting per provider	
130	Id	Frontier Communications of Northwest Inc.	Frontier Communications	X		X	Updated using new provider data	Updated coverage submitted Create networks for new nodes and integrate into existing coverage Feature counts updates, 89CB, 432 segments added Some speeds increased to higher tiers, technology unchanged	
660	Id	Level 3 Communications, LLC	Level 3 Communications, LLC			X	Updated using new provider data	CB count increased from 213 to 1087 SG count increased from 2 to 4	
123	Id	MTE Communications	Midvale Telephone Exchange, Inc.	X	X	X	Updated using new provider data	Update FRN on Midvale Telephone Exchange Update fiber area	
806	Id	MTE Communications	Rural Network Services	X	X	X	Updated using new provider data	Additional area of coverage Add wireless coverage	
768	Id	Nez Perce Tribe	Nez Perce Tribe				Updated using new provider data	Replace coverage with submitted data, coverage extent increased 2 middle mile points added	

Note: [1] Represents that data can't be compared to prior round. Averages are computed as straight averages.

ProviderID	ST	DBA Name	Provider Name	Average Speed Change	Average Transtech Change	Record Count Change	Update Description	Changes And Corrections	Provider > 25% State Area
956	Id	Palousetronics	J&L Electronics, Inc.				New provider for this submission	Coverage replaced by submitted data Some spectrum 7 coverage added Extensive increase in coverage footprint	
179	Id	QRO High-Speed Internet of Idaho	QROldaho	X	X	X	Updated using new provider data	Wireless coverage added in Pierce, Idaho area New coverage is 71x5x5	
779	Id	Silver Star Broadband	Millennium Networks	X			Updated using new provider data	Update speeds using submitted service areas Existing technologies unchanged, speeds were adjusted by new service areas Fiber speeds increased to 9x5	
128	Id	Silver Star Communications	Silver Star Telephone Company, Inc.	X	X		Updated using new provider data	Update speeds using submitted service areas General increase in DSL and fiber speeds fiber speeds increased to 9x5; some speed variation below block level Max DSL speed unchanged, higher speeds apply to larger areas	
722	Id	Silver Star Communications	Columbine Telephone Company, Inc.	X			Updated using new provider data	Update speeds using submitted service areas speeds were adjusted by new service areas General increase in DSL and fiber speeds fiber speeds increased to 9x5	
836	Id	Speed Connect	Speed Connect	X	X	X	Updated using new provider data	Replace coverage with submitted data All coverage now 71x7x4 Previous cellular coverage dropped Significant increase in coverage; carrier doesn't offer coverage viewer	
651	Id	Sprint	Sprint Corporation	X		X	Updated using new provider data	Replace existing coverage with submitted data new speed coverage submitted (6x4x6x4 spectrum 3) Update FRN and Provider Name	
142	Id	Suddenlink Communications	Suddenlink Communications	X		X	Updated using new provider data	coverage replaced with new data speeds, technology unchanged feature counts similar	
696	Id	Syringa Networks, LLC	Syringa Networks, LLC			X	Updated using new provider data	28 blocks added using customer points	
705	Id	TDS	Potlatch Telephone Company			X	Updated using new provider data	Update nominal speeds with submitted data 1755 rows submitted	
134	Id	T-Mobile	T-Mobile USA, Inc.				Updated using new provider data	Coverage replaced with submitted data Slight increase in overall coverage footprint	
759	Id	tw telecom	tw telecom of Idaho llc	X	X	X	Updated using new provider data	speeds, technology unchanged CB count increased from 601 to 652	
713	Id	Verizon Wireless	Verizon Wireless				Updated using new provider data	replace existing coverage with submitted coverage speeds, technology unchanged slight increase in EVDO, LTE and AWS coverage	X

Note: [1] Represents that data can't be compared to prior round. Averages are computed as straight averages.

FRN	Provider Name	DBA Name	Change	Correction	Description
0018940627	4SIWI, LLC	4SIWI, LLC	X		Submitted a list of 5 tower sites with increased speeds offered of off and 1 new tower.
0013963582	Airbaud	Surf Air Wireless		X	WISP provider delivering data for the first time.
9999 (Unknown)	Air-Wans, Inc	Air-Wans Wireless Broadband		X	First time for Illinois submitting data on Air- Wans, Inc.
003290673	Cellco Partnership and its Affiliated Entities	Verizon Wireless	X		Submitted a new shapefile of coverage. Increase in coverage of 4G LTE coverage, as well as little to no change in 3G CDMA Coverage. PCI also increased the number of records for Verizon Wireless from 3 to 5 to show more detailed spectrum information received.
0012663282	Central Management Services, Illinois Department of	Illinois Century Network	X	X	Submitted updated kml of as built fiber route and middle mile locations in Illinois. Now have 220 Middle Mile locations in Illinois.
0018626853	CenturyTel, Inc.	CenturyLink	X		Century Link submitted an updated road and census block shapefile. Century Link now has 5,878 Census Blocks and 2,638 Roads in Illinois' submission.
0003934205 0002861979 0003764065 0003764107 0003764123 0003764206 0003765831 0003765450 0003765823 0018802660 0004350237	Citizens Telecom Company of Illinois Frontier Communications of DePue, Inc. Frontier Communications of Illinois, Inc. Frontier Communications of Lakeside, Inc. Frontier Communications of Midland, Inc. Frontier Communications of Mt. Pulaski, Inc. Frontier Communications of Mt. Schuyler, Inc. Frontier Communications of Orion, Inc. Frontier Communications of Prairie, Inc. Frontier Communications of the Carolinas, Inc. Frontier North, Inc.	Frontier Communications of Illinois	X	X	Submitted complete list of DSLAMs Corrected Speeds and update outdated data. Frontier continues to roll out bonded ADSL 2 and VDSL in some offices. This has resulted with an increase of speed and a slight expansion of coverage. The Frontier family of companies now encompasses 107,921 Census Blocks in Illinois.
0004441663	Comcast Cable Communications, LLC.	Comcast	X		Changes in the service area coverage.
0018108621	Computer Dynamics	JCWIFI	X		Changes in the service area coverage.
0017141102	Computer Techniques, Inc.	CTI Fiber	X	X	Continue to Build Out Network. Added 10 Census Blocks in Taylorville, Illinois. Correct speed to show speeds greater than 1 Gbps.
0003723467 0003723525 0002819191	Cornell & Ransom Telephone Co. El Paso Telephone Co. Odin Telephone Exchange	FairPoint Communications	X		Submitted new list of address currently served by FairPoint Communications. Removed 5 Census Blocks from the Odin, IL exchange, removed 9 Census Blocks from the Oblong, IL exchange, and added 8 Census Blocks to the El Paso, IL Exchange. After updates, FairPoint has a total of 1,378 Census Blocks. Updated FRN numbers.
0008317661	Essex Telcom, Inc.	T6 Broadband	X		Submitted a list of 208 tower sites that were new or had a speed increase.
0016101453	Express Dial Internet, Inc.	KWISP Wireless Internet Services	X	X	Added 4 sites last year. Increase speeds in certain markets.
0017620790	Foresite Wireless, LLC	Foresite Wireless, LLC		X	WISP provider delivering data for the first time.

003734803	Harrisonville Telephone Company	Harrisonville Telephone Company	X		Harrisonville submitted a list of updated DSLAM, only affecting ADSL. There was no update for Fixed Wireless, SDSL, and FTTH. Changes produced a small speed increase. Harrisonville Telephone now has 4205 Census Blocks in Illinois.
0002860856 0004496774 0004979233	Illinois Bell Telephone Company AT&T Corp, Inc. AT&T Mobility LLC	AT&T Illinois AT&T Corp, Inc. AT&T Mobility LLC	X		Submitted updated list of census blocks that AT&T services with FTTH and DSL, as well as a updated list of middle mile points. AT&T also submitted updated shapefiles for Terrestrial Mobile Wireless coverage. Seen a large expansion of 4G LTE coverage, and little to no change in DSL, FTTH, and Middle Mile. AT&T now has 172,580 Census Blocks (171,743 DSL & 837 FTTH), 649 Road Segments (648 DSL, 1 FTTH), and 7 polygons in wireless coverage.
0004333712	Illinois Consolidated Telephone Company, Inc.	Consolidated Communications	X	X	Submitted updated list of FTTH and DSL locations. Added a RT in the Litchfield, IL Exchange, and upgraded infrastructure to increase speed offerings in Morrisonville and Charleston, IL exchanges. Inspected and corrected speeds when necessary across entire network to better show DSL speeds deteriorating as distance increases between the CO/RT. Illinois Consolidated now has 11,039 DSL Census Blocks. No change in FTTH. Illinois Consolidated continues to offer FTTH in 10 Census Blocks
0008094427	iTV-3, Inc.	iTV-3	X		iTV-3 submitted PCI a new shapefile showing their current coverage. They continue to build out in and around the Peoria area. iTV-3 now has service in 3,642 Census Blocks in Illinois.
0002860468	Jo-Carroll Energy, Inc. (NFP)	SandPrairie Wireless	X		Changes in the service area coverage.
0002963528	Leap Wireless International, Inc.	Cricket Communications, Inc.	X		Little change, submitted updated shapefile of their coverage. Slight expansion of coverage in St. Louis Metro Area
0003723822	Level 3 Communications, LLC	Level 3 Communications, LLC	X		Submitted updated customer address list and middle mile location. Little noticeable change in coverage. Level 3 now has 1,379 Census Blocks in Illinois as well as 81 Middle Mile locations.
9999 (Unknown)	McHenryCom Co.	McHenryCom Co.		X	WISP provider delivering data for the first time.

0003571619	Mediacom Illinois LLC	Mediacom	X		Submitted update list of last mile address in Illinois. Mediacom has recently completed implementing DOCSIS 3.0 in Illinois, and has increased speeds in most markets. Mediacom now has service in 44,518 Census Blocks in Illinois.
0003753787	MegaPath Corporation	MegaPath Corporation	X		Changes in the service area coverage.
0011664711	MidwayNet, LLC	MidwayNet, LLC		X	First time for Illinois submitting data on MidwayNet, LLC. Indiana WISP that spills over into Illinois.
0018817031	Network Business Systems Inc.	Network Business Systems Inc.	X		Removed one tower.
0020507190	NewarkNet	NewarkNet Wireless	X	X	Added 4 sites to expand coverage.
0018429746	Open Air Wireless	Open Air Wireless	X	X	Acquired JAG Holdings Corp. Increased download speeds to 7 mbps.
0003735784	RCN Telecom Services of Illinois, Inc.	RCN and RCN Business Solutions	X	X	Submitted updated customer address list and middle mile locations. Increased coverage and speed within all technologies. Removed old Transtech 30 data and replaced with new Transtech 50 data. RCN now has 20,463 census blocks in Illinois.
0019507177	Satnet, Inc.	Satnet, Inc.	X	X	Added 3 sites to expand coverage.
0022098099	Signal Point Telecommunications Corp.	Signal Point Telecommunications Corp.		X	Acquired from Wave2Wave Communication.
0021290424	Sonic Spectrum, Inc.	SonicPCS		X	Corrected coverage area, corrected maximum advertised upload speed to speed tier 7, and corrected DBA Name
0022117618	Sprint Corporation	Sprint	X		Changes in the service area coverage. Sprint also reports a change in the FRN number from 0003774593 to 0022117618.
0007556251	Time Warner Cable Inc.	Time Warner Cable Inc.	X		Little change, submitted updated road segments and census blocks shapefile.
0006945950	T-Mobile USA, Inc.	T-Mobile	X		Submitted updated shapefiles of cellular data coverage in Illinois. Resulted in 10 layers added to the submission to represent the different spectrums being used. Coverage of LTE expanded slightly. T-Mobile also included an updated list of Middle Mile point.
0004372322	United States Cellular Corporation	U.S. Cellular	X		Provided PCI with new 4g LTE coverage shapefiles. No update to existing 3g coverage
0023295066	Urbana-Champaign Big Broadband NFP	UC2B		X	New service provider.
0016095713	Wireless Data Net, LLC	Wireless Data Net, LLC	X		Submitted updated spreadsheet of tower/radio infrastructure. PCI ran a new RF Propagation to show updated equipment and added infrastructure near the Champaign-Piatt County Line.
0016278970	Wisper ISP, Inc.	Wisper ISP, Inc.	X		Upgraded 4 sites for speed increase from the existing footprint.

PROVNAME
Brighthouse Networks
CenturyTel, Inc.
Comcast Cable Communications, LLC.
Daviess-Martin Rural Telephone Corporation
Frontier North, Inc.
Geetingsville Telephone Company, Inc.
Hancock Rural Telephone Corp.
Hancock Rural Telephone Corp.
Indiana Bell Telephone Company
Indiana Bell Telephone Company
Joink
Joink
New LisbonTelephone Company
RTC Communications Corp
SMITHVILLE COMMUNICATIONS
SMITHVILLE COMMUNICATIONS
SMITHVILLE TELECOM, LLC
Sunman Telecommunications Corporation
Sunman Telecommunications Corporation
Sunman Telecommunications Corporation
Time Warner Cable Inc.
Time Warner Cable Inc.
COMMUNICATIONS CORPORATION OF INDIANA
TRI-COUNTY TELEPHONE COMPANY, INC.
TIPTON TELEPHONE COMPANY, INC.
HOME TELEPHONE COMPANY, INC.
THE HOME TELEPHONE COMPANY OF PITTSBORO, INC.
THE MERCHANTS AND FARMERS TELEPHONE COMPANY
S & W TELEPHONE COMPANY, INC.
CAMDEN TELEPHONE COMPANY, INC.
COMMUNICATIONS CORPORATION OF SOUTHERN INDIANA
WEST POINT TELEPHONE COMPANY, INCORPORATED
COMMUNICATIONS CORPORATION OF INDIANA
TRI-COUNTY TELEPHONE COMPANY, INC.
THE HOME TELEPHONE COMPANY OF PITTSBORO, INC.
HOP Telecom, Inc.
HOP Telecom, Inc.
AT&T Mobility LLC
Blueriver Networking Services

Broadband Networks
Broadway Broadband
Citizens Communications Broadband
Clearwire Corporation
Community Wireless Of Charlestown, LLC
Leap Wireless International, Inc.
CSInet Internet Access Corp.
East Allen High Speed Internet, LLC
Eastern Indiana Wifi Inc.
Echo Wireless LLC
Enhanced Telecommunications Corporation
Enhanced Telecommunications Corporation
Foundation Telecommunications, Inc.
Fourway Computer Products, Inc.
Full Choice Communications, Inc.
FULLnet
Geetingsville Telephone Company, Inc.
Hoosier Broadband
Hughes Network Systems, LLC
Internet Communications Inc.
Internet Communications Inc.
Joink
KC Online LLC
Kendallville Internet INC.
Ligtel Communications
MetaLINK Technologies, Inc
MetaLINK Technologies, Inc
MetroFastNet, LLC
Michiana Wireless, Inc.
Microdome
MidwayNet, LLC
Monon Telephone Co. Inc.
NetsurfUSA, Inc
New Lisbon Telephone Company
NewWays Networking, LLC
Central Indiana Communications, Inc.
Node1 Technology
Northern Indiana Technologies, Inc.
Northwestern Indiana Telephone Company
Great American Broadband
On-Ramp Indiana, Inc.
Parallax Systems
PCS-WIN
PDS Wireless
PDS Wireless
Performance PC
Performance PC

Portative Technologies, LLC
Perry-Spencer Communications, Inc.
RTC Communications Corp
RTC Communications Corp
Sitco, LLC
Skycasters Satellite Internet
Sprint Nextel Corporation
StarBand
State of the Art Communications
Swayzee Communications
Swayzee Communications
T-Mobile USA, Inc.
TransWorld Network, Corp.
TransWorld Network, Corp.
Cellco Partnership and its Affiliated Entities (d/b/a Verizon Wireless)
Wabash Mutual Telephone Company
WATCH Communications
Wildblue Communications, Inc.
Zig Wireless

DBANAME	FRN	TRANSTECH	# of Prev. Records
Brighthouse Networks	0018500405	40	0
CenturyTel, Inc.	0018626853	10	24511
Comcast Cable Communications, LLC.	0004441663	40	89540
Daviess-Martin Rural Telephone Corporation	0004328704	50	1281
Endeavor	0004970711	10	688
Endeavor	0004970711	50	1401
Frontier North, Inc.	0004350237	10	78118
Geetingsville Telephone Company, Inc.	0004322269	10	136
Hancock Rural Telephone Corp.	0015561360	10	271
Hancock Rural Telephone Corp.	0015561360	50	361
Indiana Bell Telephone Company	0002904654	10	77068
Indiana Bell Telephone Company	0002904654	50	212
Indiana Fiber Network	0015179609	50	56107
Joink	0016251530	10	4141
Joink	0016251530	50	0
MegaPath Corporation	0003753787	10	3080
MegaPath Corporation	0003753787	20	11830
MegaPath Corporation	0003753787	30	20826
New LisbonTelephone Company	0018562611	10	147
RTC Communications Corp	0004332912	50	893
SMITHVILLE COMMUNICATIONS	0004322897	10	0
SMITHVILLE COMMUNICATIONS	0004322897	50	0
SMITHVILLE TELECOM, LLC	0004322913	50	0
Sunman Telecommunications Corporation	0002901833	10	528
Sunman Telecommunications Corporation	0002901833	40	39
Sunman Telecommunications Corporation	0002901833	50	619
Time Warner Cable Inc.	0007556251	40	14365
Time Warner Cable Inc.	0007556251	41	6603
TDS	0002851251	10	10819
TDS	0002897064	10	3677
TDS	0002901593	10	4121
TDS	0003727039	10	2313
TDS	0003766920	10	2809
TDS	0003767266	10	474
TDS	0003767613	10	439
TDS	0003770534	10	1524
TDS	0003770591	10	1888
TDS	0004382545	10	893
TDS	0002851251	50	1843
TDS	0002897064	50	10
TDS	0003766920	50	200
airHOP	0011782430	70	0
airHOP	0011782430	71	0
AT&T Mobility LLC	0004979233	80	3
Blueriver Networking Services	0018079764	70	4

Broadband Networks	0020764957	70	3
Broadway Broadband	0021035043	70	1
Citizens Communications Broadband	0016469306	70	3
Clear	0017775628	80	1
Community Wireless Of Charlestown, LLC	9999999999	70	2
Cricket Communications, Inc.	0002963528	80	2
CSInet Internet Access Corp.	0011576774	70	2
East Allen High Speed Internet, LLC	0018544304	70	1
Eastern Indiana Wifi Inc.	0018603084	70	1
Echo Wireless LLC	0018393108	71	1
Enhanced Telecommunications Corporation	0002901833	70	1
Enhanced Telecommunications Corporation	0002901833	71	1
Foundation Telecommunications, Inc.	0009154642	70	1
Fourway Computer Products, Inc.	0016079956	70	2
Full Choice Communications, Inc.	0005088307	70	1
FULLnet	0016100372	70	1
Geetel Communications	0004322228	70	1
Hoosier Broadband	0018926345	70	1
HughesNet	0017434911	60	1
Internet Communications Inc.	0018539114	70	1
Internet Communications Inc.	0018539114	71	1
Joink	0018101154	70	4
KC Online LLC	0016454472	70	4
Kendallville Internet INC.	0021551239	70	2
Ligtel Communications	0007770084	70	1
MetaLINK Technologies, Inc	0016096752	70	3
MetaLINK Technologies, Inc	0016096752	71	1
MetroFastNet, LLC	0017542218	70	2
Michiana Wireless, Inc.	0017830761	71	1
Microdome	0014505416	70	1
MidwayNet, LLC	0011664711	70	3
Monon Telephone Co. Inc.	0002903045	70	1
NetsurfUSA, Inc	0048402202	70	6
New Lisbon Telephone Company	0018562611	70	1
NewWays Networking, LLC	0011275971	70	2
NineStar Communications	0015561350	70	1
Node1 Internet	0018536631	70	5
Northern Indiana Technologies, Inc.	0018626648	70	1
Northwestern Indiana Telephone Company	0004142683	70	1
OnlyInternet.net	0016087728	70	1
On-Ramp Indiana, Inc.	0020208500	70	3
Parallax Systems	0002871754	70	1
PCS-WIN	0018443366	70	1
PDS Wireless	0015966914	71	3
PDS Wireless	0015966914	70	9
Performance PC	0017562943	70	3
Performance PC	0017562943	71	1

Portative Technologies, LLC	0019171842	70	10
PSC	0003739216	70	1
RTC Communications Corp	0004332912	71	0
RTC Communications Corp	0004332912	70	3
Sitco, LLC	0017828112	70	6
Skycasters Satellite Internet	0018756155	60	1
Sprint	0003774593	80	3
StarBand	0005087457	60	1
State of the Art Communications	0021510276	70	3
Swayzee Communications	0002901817	70	1
Swayzee Communications	0002901817	71	1
T-Mobile	0006945950	80	5
TransWorld Network, Corp.	0007566961	70	1
TransWorld Network, Corp.	0007566961	71	1
Verizon Wireless	0003290673	80	2
Wabash Mutual Telephone Company	0004333266	70	2
WATCH Communications	0002930980	71	1
WildBlue	0007843766	60	1
Zig Wireless	0009077447	70	2

# of Records Submitted Spring 2014	# of Records Difference from Fall 2013
11390	11390
24038	-473
89727	187
1281	0
688	0
1401	0
78258	140
139	3
505	234
4074	3713
77266	198
216	4
56107	0
4100	-41
60	60
3080	0
11830	0
20826	0
149	2
893	0
813	813
1579	1579
164	164
512	-16
60	21
714	95
15396	1031
5635	-968
10865	46
3780	103
4300	179
2392	79
2810	1
473	-1
440	1
1704	180
1887	-1
894	1
1842	-1
10	0
200	0
5	5
1	1
3	0
4	0

3	0
1	0
3	0
1	0
2	0
2	0
2	0
1	0
2	1
1	0
1	0
1	0
1	0
2	0
0	-1
1	0
1	0
1	0
1	0
1	0
1	0
1	0
5	1
4	0
2	0
1	0
3	0
1	0
2	0
1	0
1	0
3	0
1	0
12	6
1	0
3	1
1	0
5	0
1	0
1	0
1	0
3	0
1	0
2	1
3	0
11	2
3	0
1	0

10	0
1	0
1	1
6	3
6	0
1	0
4	1
1	0
3	0
1	0
1	0
5	0
1	0
1	0
3	1
2	0
1	0
1	0
2	0

x	Name change from Omnicity to Broadband Networks
	Generated RF coverage from survey
	Generated RF coverage from survey
	Received RF coverage
	Generated RF coverage from survey
	Received RF coverage
	Generated RF coverage from survey
	Georeferenced Image
x	Generated RF coverage from survey
	Generated RF coverage from survey
x	Generalized coverage from customer address locations
x	Generated RF coverage from survey
	Received generalized coverage
	Generated RF coverage from survey
x	Removed from database
	Received generalized coverage
	Received census block coverage
	Georeferenced Image
	Generated statewide coverage
	Received RF coverage
	Received RF coverage
x	Coverted KMZ
	Generated RF coverage from survey
	Generated RF coverage from survey
	Georeferenced Image
x	Generated RF coverage from survey
	Generated RF coverage from survey
	Generated RF coverage from survey
	Generated Coverage from FCC 3.65 GHz locations
	Generated RF coverage from survey
	Generated RF coverage from survey
x	Coverted KMZ
x	Generated RF coverage from survey
x	Generalized coverage from customer address locations
x	Generated RF coverage from survey
	Georeferenced Image
	Georeferenced Image
x	Updated Speeds
	Received generalized coverage
x	Generated RF coverage from survey
	Generated RF coverage from survey
x	Generated RF coverage from survey
	Generated RF coverage from survey
x	Generated RF coverage from survey

x	Generated RF coverage from survey
x	Generalized coverage from customer address locations
x	Generated RF coverage from survey
x	Generated RF coverage from survey
	Generated RF coverage from survey
	Generated statewide coverage
x	Received RF coverage
	Generated statewide coverage
	Generated RF coverage from survey
	Generated RF coverage from survey
	Generated RF coverage from survey
x	Received RF coverage
x	Coverted KMZ
x	Coverted KMZ
x	Received RF coverage
	Generated RF coverage from survey
	Generated RF coverage from survey
	Generated statewide coverage
	Generated RF coverage from survey

submission
submission

submission

submission
submission
submission

in - Contacted Smithville and they reported that their Fiber is 1Gbps up and 1 Gbps down

Kansas Broadband Provider Changes

NTIA Submission – April 1, 2014

Provider Changes:

- AT&T Communications of Texas, Inc. (DSL/Fiber): Provider expanded their service area footprint. They confirmed they do offer NTIA speed tier 8 for their DSL service.
- AT&T Mobility LLC (Mobile Wireless): Provider expanded their service area footprint in Kansas.
- Atwood Cable Systems, Inc. (Cable Modem-Other): Provider increased their advertised speeds. They also no longer require a road layer, as they had an unnecessary road segment included in their previous submission.
- Cellco Partnership and its Affiliated Entities [Verizon] (Mobile Wireless): Provider submitted their 3G and 4G LTE service areas.
- CenturyTel, Inc. [CenturyLink] (DSL): Provider slightly expanded their service area footprint.
- City of Baxter Springs (Cable Modem-Other): Provider is now classified as Cable Modem-Other instead of DOCSIS 3.0.
- Clearwire Corporation (Mobile Wireless): Provider is no longer in business. They were bought by Sprint.
- Comcast Cable Communications, LLC (DOCSIS 3.0): Provider slightly expanded their service area and increased their advertised upload speed.
- CoxCom Inc. (DOCSIS 3.0): Provider slightly expanded their service area in Wichita.
- Diller Telephone Company [Diode] (Fixed Wireless): Provider submitted wireless tower data to model.
- Eagle Communications, Inc. (DOCSIS 3.0/Cable Modem-Other/Fiber/Fixed Wireless): Provider expanded DOCSIS 3.0 service to 8 new towns.
- Google Fiber Kansas LLC (Fiber): Provider expanded Fiber service in the Kansas City area.
- H&B Cable Service, Inc. (Fiber/DSL/DOCSIS 3.0/Fixed Wireless): Provider no longer has DOCSIS service in Claflin. They have increased DSL upload speeds and DOCSIS download speeds. Their typical speeds match their max advertised speeds for all technologies.
- Ideatek Systems Inc. [Wildflower] (Fiber): Ideatek expanded Fiber service and eliminated Cable Modem-Other service. They also increased their advertised speeds.
- LR Communications, Inc. [Mutual] (DOCSIS 3.0/Fiber/Fixed Wireless): Provider submitted wireless tower data to model and expanded Fiber in the town of Sterling. They also increased their advertised speeds for Fiber in their entire service area.
- Leap Wireless International, Inc. [Cricket] (Mobile Wireless): Provider refined their service area footprint in the Wichita area. Speeds have remained the same.
- Level 3 Communications, LLC (Fiber): Provider updated FRN for their middle mile data and expanded their service area footprint for business customers.
- Mediacom [MCC Missouri] (Cable Modem-Other): Provider significantly refined their service area around the towns they serve and eliminated their road layer. They also increased their advertised speeds.

- MegaPath Corporation (DSL/Other Copper Wireline): Provider expanded their Asymmetric DSL service in the Kansas City area.
- Mercury Wireless, LLC (Fixed Wireless): Provider submitted wireless tower data to model.
- Nex-Tech, Inc. (Fixed Wireless): Provider submitted wireless tower data to model.
- Peoples Telecommunications, LLC (DSL/Fiber): Provider increased their advertised upload speed and typical download/upload speeds for Fiber.
- S&A Telephone Company, Inc. (DSL/Fiber): Provider expanded Fiber service in the town of Scranton and expanded DSL slightly in the Allen telephone exchange.
- S&T Communications LLC (DSL/Fiber/Fixed Wireless): Provider submitted wireless tower data to model.
- Southeast Nebraska Communications, Inc. (DSL): Provider increased download speed to tier 6.
- Sprint Corporation (Mobile Wireless): Provider expanded their mobile wireless service area and updated their FRN to 0022117618. They also removed "Nextel" from their provider name. These changes have been updated in their wireless and middle mile data.
- Sumner Cable TV, Inc. (DOCSIS 3.0/Fiber/Fixed Wireless): Provider submitted wireless tower data to model.
- T-Mobile USA, Inc. (Mobile Wireless): Provider refined their service area.
- United States Cellular Corporation (Mobile Wireless): Provider refined their service area. The previous service area included "voice" coverage, but this submission has been corrected to only include "data" coverage for US Cellular.
- United Wireless Communications, Inc. (Mobile/Fixed Wireless): Provider expanded Mobile wireless service and submitted fixed wireless tower data to model.
- Valnet (Fixed Wireless): Provider expanded their wireless service area and increased their advertised speeds.
- Valu-Net LLC (Fiber): Provider updated their Provider Name, DBA, and FRN. They also expanded Fiber service in the town of Emporia and increased advertised speeds.
- ViaSat, Inc. (Satellite): Provider decreased their satellite service in Kansas. They now serve only the eastern 1/3 of the state.
- W.K. Communications, Inc. (DOCSIS 3.0/Cable Modem-Other): Provider slightly expanded their service area footprint.
- Wamego Telecommunications Company, Inc. (DSL/Fiber): Provider expanded Fiber service in the St. George, KS area and increased Fiber upload speeds for their entire service area.
- Wheatland Broadband Services (Fixed Wireless): Provider submitted wireless tower data to model.
- Wheat State Telephone, Inc. (DSL/Fiber): Provider expanded Fiber into the Olpe telephone exchange.
- Wilson Telephone Company, Inc. (DSL/Fiber): Provider expanded Fiber service to the Wilson Telephone Exchange.

- Zayo Group, LLC (Fiber): Provider expanded Fiber to 10 additional census blocks for business service in the Kansas City area. They also added one Middle Mile location.
- Zito Midwest, LLC (Cable Modem-Other): Provider now only serves the towns of Liberal, Silver Lake, and Rossville. They also increased their advertised speeds for these towns. Due to the elimination of service to several previously covered towns, Zito no longer requires a road layer.



**Commonwealth of Kentucky
State Broadband Initiative (SBI)
Broadband Mapping Project**

April 1, 2014 NTIA Submittal (Dec 2013 Data)
Changes/Corrections from Previous Submission



Changes

Filing Company DBA	Filing Company Name	Change
AT&T Kentucky	BellSouth Telecommunications, Inc.	The Census Block layer has increased by 141 records. The Road Segment layer has increased by 129 records. ADSL with a Max Down/Up Speed tier of 3/2 has decreased in the Census Block layer. ADSL with a Max Down/Up Speed tier of 3/2 has increased in the Road Segment layer. ADSL with a Max Down/Up Speed tier of 4/2 has decreased in the Census Block layer. ADSL with a Max Down/Up Speed tier of 4/2 has decreased in the Road Segment layer. ADSL with a Max Down/Up Speed tier of 5/2 has decreased in the Census Block layer. ADSL with a Max Down/Up Speed tier of 5/2 has decreased in the Road Segment layer. ADSL with a Max Down/Up Speed tier of 6/3 has decreased in the Census Block layer. ADSL with a Max Down/Up Speed tier of 6/3 has decreased in the Road Segment layer. ADSL with a Max Down/Up Speed tier of 7/3 has increased in the Census Block layer. ADSL with a Max Down/Up Speed tier of 7/3 has increased in the Road Segment layer. ADSL with a Max Down/Up Speed tier of 7/4 has increased in the Census Block layer. ADSL with a Max Down/Up Speed tier of 7/4 has decreased in the Road Segment layer. ADSL with a Max Down/Up Speed tier of 7/5 has decreased in the Census Block layer. ADSL with a Max Down/Up Speed tier of 7/5 is no longer offered in the Road Segment layer. ADSL with a Max Down/Up Speed tier of 8/6 is now offered in the Census Block layer. ADSL with a Max Down/Up Speed tier of 8/6 is now offered in the Road Segment layer.
AT&T Mobility LLC	AT&T Mobility LLC	There is a large increase in 3G and 4G coverage throughout the state.
Avolutia, LLC	Shelby Broadband	The Census Block layer has increased by 4 records. The Road Segment layer has increased by 8 records. The Wireless layer has decreased by 1 records. Fiber with a Max Down/Up Speed tier of 10/10 is now offered in the Census Block layer. Fiber with a Max Down/Up Speed tier of 10/10 is now offered in the Road Segment layer.
BGMU	Bowling Green Municipal Utilities	The Census Block layer has increased by 10 records. Fiber with a Max Down/Up Speed tier of 8/8 has increased in the Census Block layer.
Bluegrass Cellular	Bluegrass Cellular, Inc.	The Wireless service area has increased. Licensed Fixed Wireless with a Max Down/Up Speed tier of 7/4 is now offered in the Wireless Polygon layer.

Bluegrass Cellular	Bluegrass Wireless LLC	The Wireless service area has increased. Mobile Wireless with a Max Down/Up Speed tier of 7/5 is now offered in the Wireless Polygon layer. Licensed Fixed Wireless with a Max Down/Up Speed tier of 7/4 is now offered in the Wireless Polygon layer.
Brandenburg Telecom LLC	Brandenburg Telecom LLC	The Census Block layer has increased by 180 records. DSL with a Max Down/Up Speed tier of 4/2 has increased in the Census Block layer. DSL with a Max Down/Up Speed tier of 4/2 is no longer offered in the Road Segment layer. DSL with a Max Down/Up Speed tier of 5/3 has increased in the Census Block layer. DSL with a Max Down/Up Speed tier of 5/3 has decreased in the Road Segment layer. DSL with a Max Down/Up Speed tier of 6/3 has decreased in the Census Block layer. DSL with a Max Down/Up Speed tier of 6/3 has decreased in the Road Segment layer. DSL with a Max Down/Up Speed tier of 7/3 has decreased in the Census Block layer. DSL with a Max Down/Up Speed tier of 7/3 has decreased in the Road Segment layer. DSL with a Max Down/Up Speed tier of 8/3 has increased in the Census Block layer. DSL with a Max Down/Up Speed tier of 8/3 is now offered in the Road Segment layer.
Brandenburg Telephone Company	Brandenburg Telephone Company	The Census Block layer has increased by 38 records. DSL with a Max Down/Up Speed tier of 5/3 has decreased in the Census Block layer. DSL with a Max Down/Up Speed tier of 5/3 has decreased in the Road Segment layer. DSL with a Max Down/Up Speed tier of 6/3 has decreased in the Census Block layer. DSL with a Max Down/Up Speed tier of 6/3 has decreased in the Road Segment layer. DSL with a Max Down/Up Speed tier of 7/3 has decreased in the Census Block layer. DSL with a Max Down/Up Speed tier of 7/3 has increased in the Road Segment layer. DSL with a Max Down/Up Speed tier of 8/3 has increased in the Census Block layer. DSL with a Max Down/Up Speed tier of 8/3 has increased in the Road Segment layer. DSL with a Max Down/Up Speed tier of 4/2 is no longer offered in the Census Block layer. DSL with a Max Down/Up Speed tier of 4/2 is no longer offered in the Road Segment layer.
Cincinnati Bell Telephone	Cincinnati Bell Telephone Company LLC	The Census Block layer has increased by 147 records. The Address Point layer has increased by 97 records. DSL with a Max Down/Up Speed tier of 5/3 is now offered in the Census Block layer. DSL with a Max Down/Up Speed tier of 5/3 has increased in the Address Point layer. DSL with a Max Down/Up Speed tier of 6/3 has increased in the Address Point layer. DSL with a Max Down/Up Speed tier of 8/3 has increased in the Census Block layer. DSL with a Max Down/Up Speed tier of 8/3 has increased in the Address Point layer. Fiber with a Max Down/Up Speed tier of 8/7 has increased in the Census Block layer.
Comcast	Comcast Cable Communications, LLC.	The Census Block layer has increased by 33 records. The Address Point layer has decreased by 1 records. OCSIS 3.0 Cable with a Max Down/Up Speed tier of 10/7 has increased

in the Census Block layer. DOCSIS 3.0 Cable with a Max Down/Up Speed tier of 10/7 has increased in the Address Point layer. DOCSIS 3.0 Cable with a Max Down/Up Speed tier of 7/4 has decreased in the Census Block layer. DOCSIS 3.0 Cable with a Max Down/Up Speed tier of 7/4 has decreased in the Address Point layer.

ConnectGRADD	Q-Wireless	The Wireless layer has increased by 1 records (6 new towers added). Unlicensed Fixed Wireless with a Max Down/Up Speed tier of 6/4 is now offered in the Wireless Polygon layer (4 towers added). Unlicensed Fixed Wireless with a Max Down/Up Speed tier of 5/3 had 2 new towers added.
Foothills Broadband	Foothills Rural Telephone Cooperative Corporation Inc.	The Census Block layer has increased by 331 records. The Road Segment layer has increased by 737 records. Fiber with a Max Down/Up Speed tier of 8/6 is now offered in the Census Block layer. Fiber with a Max Down/Up Speed tier of 8/6 is now offered in the Road Segment layer.
Heavenwire.net	Mobilcomm	First time delivering data.
Inter Mountain Cable, Inc	Inter Mountain Cable, Inc	The Census Block layer has decreased by 97 records. The Road Segment layer has increased by 58 records. Other Cable with a Max Down/Up Speed tier of 7/4 is now offered in the Census Block layer. Other Cable with a Max Down/Up Speed tier of 7/4 is now offered in the Road Segment layer. Other Cable with a Max Down/Up Speed tier of 6/4 is no longer offered in the Census Block layer. Other Cable with a Max Down/Up Speed tier of 6/4 is no longer offered in the Road Segment layer.
Level 3 Communications, LLC	Level 3 Communications, LLC	The Census Block layer has increased by 20 records. Fiber with a Max Down/Up Speed tier of 11/11 has increased in the Census Block layer.
Mediacom	Mediacom Southeast, LLC	The Census Block layer has increased by 1892 records. The Address Point layer has decreased by 45 records. DOCSIS 3.0 Cable with a Max Down/Up Speed tier of 9/5 has increased in the Census Block layer. DOCSIS 3.0 Cable with a Max Down/Up Speed tier of 9/5 has decreased in the Address Point layer. Other Cable with a Max Down/Up Speed tier of 7/4 has increased in the Census Block layer. Other Cable with a Max Down/Up Speed tier of 7/4 has decreased in the Address Point layer. Other Cable with a Max Down/Up Speed tier of 7/4 has increased in the Census Block layer. Other Cable with a Max Down/Up Speed tier of 7/4 has decreased in the Address Point layer. Other Cable with a Max Down/Up Speed tier of 9/5 is no longer offered in the Census Block layer. Other Cable with a Max Down/Up Speed tier of 9/5 is no longer offered in the Address Point
Mikrotec CATV, LLC	Mikrotec CATV, LLC	DOCSIS 3.0 Cable with a Max Down/Up Speed tier of 7/4 is now offered in the Census Block layer. DOCSIS 3.0 Cable with a Max Down/Up Speed tier of 7/4 is now offered in the Road Segment layer. Other Cable with a Max Down/Up Speed

tier of 7/4 is now offered in the Census Block layer. Other Cable with a Max Down/Up Speed tier of 7/4 is now offered in the Road Segment layer. DOCSIS 3.0 Cable with a Max Down/Up Speed tier of 6/3 is no longer offered in the Census Block layer. DOCSIS 3.0 Cable with a Max Down/Up Speed tier of 6/3 is no longer offered in the Road Segment layer. Other Cable with a Max Down/Up Speed tier of 6/3 is no longer offered in the Census Block layer. Other Cable with a Max Down/Up Speed tier of 6/3 is no longer offered in the Road Segment layer. Other Cable with a Max Down/Up Speed tier of 6/4 is no longer offered in the Census Block layer. Other Cable with a Max Down/Up Speed tier of 6/4 is no longer offered in the Road Segment layer.

Mountain Telephone	Mountain Rural Telephone Coop. Corp., Inc.	The Census Block layer has decreased by 1719 records. The Road Segment layer has increased by 3125 records. Fiber with a Max Down/Up Speed tier of 7/7 is no longer offered in the Census Block layer. Fiber with a Max Down/Up Speed tier of 7/7 is no longer offered in the Road Segment layer. Fiber with a Max Down/Up Speed tier of 9/5 is now offered in the Census Block layer. Fiber with a Max Down/Up Speed tier of 9/5 is now offered in the Road Segment layer. DSL with a Max Down/Up Speed tier of 5/3 has decreased in the Census Block layer. ADSL with a Max Down/Up Speed tier of 5/3 has decreased in the Road Segment layer. DSL with a Max Down/Up Speed tier of 3/2 is no longer offered in the Census Block layer. ADSL with a Max Down/Up Speed tier of 3/2 is no longer offered in the Road Segment layer. DSL with a Max Down/Up Speed tier of 4/2 is no longer offered in the Census Block layer. ADSL with a Max Down/Up Speed tier of 4/2 is no longer offered in the Road Segment layer.
NTELOS	West Virginia PCS Alliance, L.C.	Added End User Cat. 2
QKY Wireless	Q-Wireless	The Wireless layer with a Max Down/Up Speed tier of 6/4 has increased by 2 records (3 new towers added). Licensed Fixed Wireless with a Max Down/Up Speed tier of 6/4 is now offered in the Wireless Polygon layer (1 tower added). Unlicensed Fixed Wireless with a Max Down/Up Speed tier of 6/4 is now offered in the Wireless Polygon layer (2 towers added). Unlicensed Fixed Wireless with a Max Down/Up Speed tier of 5/3 had 6 towers removed and 2 added).
Sprint	Sprint Corporation	Provider Name: From Sprint Nextel Corporation to Sprint Corporation RN: From 0003774593 to 0022117618
Suddenlink Communications	Cebridge Acquisition, LLC	The Census Block layer has decreased by 5 records. The Address Point layer has increased by 180 records. DOCSIS 3.0 Cable with a Max Down/Up Speed tier of 5/2 has decreased in the Census Block layer. DOCSIS 3.0 Cable with a Max Down/Up Speed tier of 7/3 has increased in the Census Block layer. DOCSIS 3.0 Cable with a Max Down/Up Speed tier of 7/3 has decreased in the Address Point

layer. DOCSIS 3.0 Cable with a Max Down/Up Speed tier of 7/4 has decreased in the Census Block layer. DOCSIS 3.0 Cable with a Max Down/Up Speed tier of 8/4 has decreased in the Census Block layer. DOCSIS 3.0 Cable with a Max Down/Up Speed tier of 8/4 has decreased in the Address Point layer. DOCSIS 3.0 Cable with a Max Down/Up Speed tier of 9/5 is now offered in the Census Block layer. DOCSIS 3.0 Cable with a Max Down/Up Speed tier of 9/5 is now offered in the Address Point layer.

Suddenlink Communications	Cequel III Communications I, LLC	The Census Block layer has increased by 218 records. The Address Point layer has decreased by 27 records. Other Cable with a Max Down/Up Speed tier of 3/2 has increased in the Census Block layer. Other Cable with a Max Down/Up Speed tier of 3/2 has increased in the Address Point layer. Other Cable with a Max Down/Up Speed tier of 5/2 has increased in the Census Block layer. Other Cable with a Max Down/Up Speed tier of 6/2 has increased in the Census Block layer. Other Cable with a Max Down/Up Speed tier of 6/2 has decreased in the Address Point layer. Other Cable with a Max Down/Up Speed tier of 7/3 has decreased in the Census Block layer. Other Cable with a Max Down/Up Speed tier of 7/3 has decreased in the Address Point layer. Other Cable with a Max Down/Up Speed tier of 7/4 has decreased in the Census Block layer. Other Cable with a Max Down/Up Speed tier of 7/4 has decreased in the Address Point layer. Other Cable with a Max Down/Up Speed tier of 8/4 has increased in the Census Block layer. Other Cable with a Max Down/Up Speed tier of 8/4 has increased in the Address Point layer.
T.V. Service	T.V. Service	The Census Block layer has increased by 1302 records. The Road Segment layer has increased by 5698 records. The Address Point layer has decreased by 3089 records. Other Cable with a Max Down/Up Speed tier of 6/6 has increased in the Census Block layer. Other Cable with a Max Down/Up Speed tier of 6/6 is now offered in the Road Segment layer. Other Cable with a Max Down/Up Speed tier of 6/6 is no longer offered in the Address Point layer.
TDS TELECOM	LESLIE COUNTY TELEPHONE COMPANY	ADSL with a Max Down/Up Speed tier of 8/4 has increased in the Census Block layer. ADSL with a Max Down/Up Speed tier of 8/4 is now offered in the Address Point layer. ADSL with a Max Down/Up Speed tier of 3/2 has increased in the Address Point layer. ADSL with a Max Down/Up Speed tier of 4/2 has decreased in the Address Point layer. ADSL with a Max Down/Up Speed tier of 5/2 has decreased in the Address Point layer. ADSL with a Max Down/Up Speed tier of 6/2 has increased in the Address Point layer. The Census Block layer has increased by 25 records. The Address Point layer has increased by 113 records.
TDS TELECOM	LEWISPORT TELEPHONE COMPANY	ADSL with a Max Down/Up Speed tier of 7/3 has increased in the Census Block layer. ADSL with a Max Down/Up Speed tier of 7/3 has decreased in the Address Point layer. ADSL

with a Max Down/Up Speed tier of 6/2 has increased in the Address Point layer. ADSL with a Max Down/Up Speed tier of 8/4 has decreased in the Census Block layer. The Census Block layer has decreased by 2 records. The Address Point layer has decreased by 1 records.

TDS TELECOM

SALEM TELEPHONE COMPANY

ADSL with a Max Down/Up Speed tier of 5/2 has decreased in the Address Point layer. ADSL with a Max Down/Up Speed tier of 8/4 has increased in the Census Block layer. ADSL with a Max Down/Up Speed tier of 3/2 has increased in the Address Point layer. ADSL with a Max Down/Up Speed tier of 4/2 has increased in the Address Point layer. ADSL with a Max Down/Up Speed tier of 5/2 has increased in the Address Point layer. ADSL with a Max Down/Up Speed tier of 6/2 has increased in the Address Point layer. ADSL with a Max Down/Up Speed tier of 7/3 is no longer offered in the Census Block layer. ADSL with a Max Down/Up Speed tier of 7/3 has decreased in the Address Point layer. The Census Block layer has increased by 21 records. The Address Point layer has increased by 96 records.

Thacker-Grigsby Telephone

Thacker-Grigsby Telephone Company

The Census Block layer has increased by 198 records. The Road Segment layer has increased by 565 records. ADSL with a Max Down/Up Speed tier of 7/3 is now offered in the Census Block layer. ADSL with a Max Down/Up Speed tier of 7/3 is now offered in the Road Segment layer. ADSL with a Max Down/Up Speed tier of 4/2 is no longer offered in the Census Block layer. ADSL with a Max Down/Up Speed tier of 4/2 is no longer offered in the Road Segment layer.

Time Warner Cable

Time Warner Cable Inc.

The Census Block layer has increased by 20 records. DOCSIS 3.0 Cable with a Max Down/Up Speed tier of 9/5 has increased in the Census Block layer. Other Cable with a Max Down/Up Speed tier of 7/3 has increased in the Census Block layer.

TOAST.net

TOAST.net

Added Verizon Service area. The Census Block layer has increased by 141 records. The Road Segment layer has increased by 129 records. ADSL with a Max Down/Up Speed tier of 3/2 has decreased in the Census Block layer. ADSL with a Max Down/Up Speed tier of 3/2 has increased in the Road Segment layer. ADSL with a Max Down/Up Speed tier of 4/2 has decreased in the Census Block layer. ADSL with a Max Down/Up Speed tier of 4/2 has decreased in the Road Segment layer. ADSL with a Max Down/Up Speed tier of 5/2 has decreased in the Census Block layer. ADSL with a Max Down/Up Speed tier of 5/2 has decreased in the Road Segment layer. ADSL with a Max Down/Up Speed tier of 6/3 is now offered in the Census Block layer. ADSL with a Max Down/Up Speed tier of 6/3 is now offered in the Road Segment layer. ADSL with a Max Down/Up Speed tier of 7/3 is now offered in the Census Block layer. ADSL with a Max Down/Up Speed tier of 7/3 is now offered in the Road Segment layer. ADSL with a Max Down/Up Speed tier of 7/4 is now offered in the Census Block layer. ADSL with a Max

Down/Up Speed tier of 7/4 is now offered in the Road Segment layer. ADSL with a Max Down/Up Speed tier of 7/5 is now offered in the Census Block layer. ADSL with a Max Down/Up Speed tier of 8/6 is now offered in the Census Block layer. ADSL with a Max Down/Up Speed tier of 8/6 is now offered in the Road Segment layer. ADSL with a Max Down/Up Speed tier of 5/3 is no longer offered in the Census Block layer. ADSL with a Max Down/Up Speed tier of 5/3 is no longer offered in the Road Segment layer. ADSL with a Max Down/Up Speed tier of 5/4 is no longer offered in the Census Block layer. ADSL with a Max Down/Up Speed tier of 5/4 is no longer offered in the Road Segment layer. ADSL with a Max Down/Up Speed tier of 5/5 is no longer offered in the Census Block layer. ADSL with a Max Down/Up Speed tier of 5/5 is no longer offered in the Road Segment layer.

tw telecom of kentucky llc tw telecom of kentucky llc

The Census Block layer has increased by 24 records. The Middle Mile layer has decreased by 2 records. Fiber with a Max Down/Up Speed tier of 10/10 has increased in the Census Block layer. Fiber with a Max Down/Up Speed tier of 11/11 has increased in the Census Block layer. Fiber with a Max Down/Up Speed tier of 3/3 has decreased in the Census Block layer. Fiber with a Max Down/Up Speed tier of 4/4 has increased in the Census Block layer. Fiber with a Max Down/Up Speed tier of 5/5 has increased in the Census Block layer. Fiber with a Max Down/Up Speed tier of 6/6 has decreased in the Census Block layer. Fiber with a Max Down/Up Speed tier of 7/7 has increased in the Census Block layer. Fiber with a Max Down/Up Speed tier of 8/8 has increased in the Census Block layer. Fiber with a Max Down/Up Speed tier of 9/9 has increased in the Census Block layer.

Verizon Wireless Cellco Partnership and its Affiliated Entities

Mobile Wireless with a Max Down/Up Speed tier of 7/5 has increased in the Wireless Polygon layer. There is a large increase of LTE service (spectrum #2). There is new LTE service in spectrum #4.

Windstream Kentucky East, LLC Windstream Corporation

The provider sent address points for the first time, this replaced the road layer which will no longer be submitted. Census Block layer has decreased by 6802 records. The Address Point layer has increased by 53813 records. ADSL with a Max Down/Up Speed tier of 7/5 has increased in the Census Block layer. ADSL with a Max Down/Up Speed tier of 7/5 is now offered in the Address Point layer. ADSL with a Max Down/Up Speed tier of 4/3 is no longer offered in the Census Block layer. ADSL with a Max Down/Up Speed tier of 3/3 is no longer offered in the Census Block layer. ADSL with a Max Down/Up Speed tier of 3/2 is now offered in the Census Block layer. ADSL with a Max Down/Up Speed tier of 3/2 is now offered in the Address Point layer. ADSL with a Max Down/Up Speed tier of 4/2 is now offered in the Census Block layer. ADSL with a Max Down/Up Speed tier of 4/2 is now offered in the Address Point layer. ADSL with a Max

Down/Up Speed tier of 5/2 is now offered in the Census Block layer. ADSL with a Max Down/Up Speed tier of 5/2 is now offered in the Address Point layer. ADSL with a Max Down/Up Speed tier of 5/3 is no longer offered in the Census Block layer. ADSL with a Max Down/Up Speed tier of 6/3 has increased in the Census Block layer. ADSL with a Max Down/Up Speed tier of 6/3 is now offered in the Address Point layer. ADSL with a Max Down/Up Speed tier of 7/3 has decreased in the Census Block layer. ADSL with a Max Down/Up Speed tier of 7/3 is now offered in the Address Point layer.

Windstream Kentucky West, LLC

Windstream Corporation

The provider sent address points for the first time, this replaced the road layer which will no longer be submitted. The Census Block layer has decreased by 378 records. The Address Point layer has increased by 2746 records. ADSL with a Max Down/Up Speed tier of 4/2 is now offered in the Census Block layer. ADSL with a Max Down/Up Speed tier of 4/2 is now offered in the Address Point layer. ADSL with a Max Down/Up Speed tier of 5/2 is now offered in the Census Block layer. ADSL with a Max Down/Up Speed tier of 6/3 is now offered in the Census Block layer. ADSL with a Max Down/Up Speed tier of 7/3 has decreased in the Census Block layer. ADSL with a Max Down/Up Speed tier of 7/3 is now offered in the Address Point layer. ADSL with a Max Down/Up Speed tier of 7/5 is now offered in the Census Block layer. ADSL with a Max Down/Up Speed tier of 7/5 is now offered in the Address Point layer. ADSL with a Max Down/Up Speed tier of 3/2 is now offered in the Census Block layer.

WK&T Telecommunications Cooperative

West Kentucky Rural Telephone Cooperative Corp., Inc.

The Census Block layer has increased by 570 records. The Road Segment layer has increased by 232 records. ADSL with a Max Down/Up Speed tier of 6/2 has decreased in the Census Block layer. Other Copper Wireline with a Max Down/Up Speed tier of 6/2 has decreased in the Census Block layer. Fiber with a Max Down/Up Speed tier of 9/5 is now offered in the Census Block layer. Fiber with a Max Down/Up Speed tier of 9/5 is now offered in the Road Segment layer. Fiber with a Max Down/Up Speed tier of 7/7 is no longer offered in the Census Block layer. Fiber with a Max Down/Up Speed tier of 7/7 is no longer offered in the Road Segment layer.

Mergers and Acquistio

Filing Company DBA

Filing Company Name

Change

OCDirect

Ohio County Direct Net

No longer providing service. No longer in business. 3/26/2013 Provider stated they were selling off their broadband business. 3/04/2014 Business no longer exists. No response from contact attempts. Phone and website no longer works.

Sprint

Sprint Corporation

Sprint has acquired Clearwire and will be reporting the

additional coverage.



Changes

Filing Company DBA	Filing Company Name	Change
AT&T Louisiana	BellSouth Telecommunications, Inc.	The Census Block layer has increased by 259 records. The Road Segment layer has increased by 175 records. ADSL with a Max Down/Up Speed tier of 3/2 has decreased in the Census Block layer. ADSL with a Max Down/Up Speed tier of 3/2 has increased in the Road Segment layer. ADSL with a Max Down/Up Speed tier of 4/2 has decreased in the Census Block layer. ADSL with a Max Down/Up Speed tier of 4/2 has decreased in the Road Segment layer. ADSL with a Max Down/Up Speed tier of 5/2 has increased in the Census Block layer. ADSL with a Max Down/Up Speed tier of 5/2 has increased in the Road Segment layer. ADSL with a Max Down/Up Speed tier of 6/3 has decreased in the Census Block layer. ADSL with a Max Down/Up Speed tier of 6/3 has decreased in the Road Segment layer. ADSL with a Max Down/Up Speed tier of 7/3 has increased in the Census Block layer. ADSL with a Max Down/Up Speed tier of 7/3 has increased in the Road Segment layer. ADSL with a Max Down/Up Speed tier of 7/4 has increased in the Census Block layer. ADSL with a Max Down/Up Speed tier of 7/4 has increased in the Road Segment layer. ADSL with a Max Down/Up Speed tier of 7/5 has decreased in the Census Block layer. ADSL with a Max Down/Up Speed tier of 7/5 has decreased in the Road Segment layer. ADSL with a Max Down/Up Speed tier of 8/6 is now offered in the Census Block layer. ADSL with a Max Down/Up Speed tier of 8/6 is now offered in the Road Segment layer. Fiber with a Max Down/Up Speed tier of 3/2 is now offered in the Census Block layer. Fiber with a Max Down/Up Speed tier of 6/3 has decreased in the Census Block layer. Fiber with a Max Down/Up Speed tier of 7/5 has increased in the Census Block layer.
Cameron Communications	Cameron Telephone Company, LLC	Fiber with a Max Down/Up Speed tier of 6/2 is no longer offered in the Census Block layer. Fiber with a Max Down/Up Speed tier of 6/2 is no longer offered in the Road Segment layer. Fiber with a Max Down/Up Speed tier of 5/2 is no longer offered in the Census Block layer. ADSL with a Max Down/Up Speed tier of 5/2 is no longer offered in the Census Block layer. ADSL with a Max Down/Up Speed tier of 5/2 is no longer offered in the Road Segment layer. Fiber with a Max Down/Up Speed tier of 6/3 is now offered in the Census Block layer. Fiber with a Max Down/Up Speed tier of 6/3 is now offered in the Road Segment layer. ADSL with a Max

Down/Up Speed tier of 5/3 is now offered in the Census Block layer. ADSL with a Max Down/Up Speed tier of 5/3 is now offered in the Road Segment layer. The Census Block layer has decreased by 1 records. The Road Segment layer has increased by 17 records.

Cameron Communications	Elizabeth Telephone Company, LLC	ADSL with a Max Down/Up Speed tier of 5/2 is no longer offered in the Census Block layer. ADSL with a Max Down/Up Speed tier of 5/2 is no longer offered in the Road Segment layer. ADSL with a Max Down/Up Speed tier of 5/3 is now offered in the Census Block layer. ADSL with a Max Down/Up Speed tier of 5/3 is now offered in the Road Segment layer.
Cameron Communications	LBH, LLC	Fiber with a Max Down/Up Speed tier of 5/2 is no longer offered in the Census Block layer. Fiber with a Max Down/Up Speed tier of 5/2 is no longer offered in the Road Segment layer. Fiber with a Max Down/Up Speed tier of 5/3 is now offered in the Census Block layer. Fiber with a Max Down/Up Speed tier of 5/3 is now offered in the Road Segment layer.
CenturyLink	CenturyTel, Inc.	The Census Block layer has increased by 1692 records. The Road Segment layer has decreased by 11063 records. ADSL with a Max Down/Up Speed tier of 3/2 is now offered in the Census Block layer. ADSL with a Max Down/Up Speed tier of 4/2 has increased in the Census Block layer. ADSL with a Max Down/Up Speed tier of 4/2 has decreased in the Road Segment layer. ADSL with a Max Down/Up Speed tier of 5/2 has increased in the Census Block layer. ADSL with a Max Down/Up Speed tier of 5/2 has decreased in the Road Segment layer. ADSL with a Max Down/Up Speed tier of 6/2 has increased in the Census Block layer. ADSL with a Max Down/Up Speed tier of 6/2 has decreased in the Road Segment layer. ADSL with a Max Down/Up Speed tier of 7/4 has increased in the Census Block layer. ADSL with a Max Down/Up Speed tier of 7/4 has decreased in the Road Segment layer.
CHARTER COMMUNICATIONS INC.	CHARTER COMMUNICATIONS INC.	The Census Block layer has decreased by 577 records. The Road Segment layer has decreased by 99 records. DOCSIS 3.0 Cable with a Max Down/Up Speed tier of 10/5 has decreased in the Census Block layer. DOCSIS 3.0 Cable with a Max Down/Up Speed tier of 10/5 has decreased in the Road Segment layer.
Comcast	Comcast Cable Communications, LLC.	The Census Block layer has increased by 50 records. The Address Point layer has increased by 73 records. DOCSIS 3.0 Cable with a Max Down/Up Speed tier of 10/7 has increased in the Census Block layer. DOCSIS 3.0 Cable with a Max Down/Up Speed tier of 10/7 has increased in the Address Point layer. DOCSIS 3.0 Cable with a Max Down/Up Speed tier of 7/4 has decreased in the Census Block layer.
Kayse Wireless	Kayse Wireless	First time delivering data. The Wireless layer has increased by 1 records. Unlicensed Fixed Wireless with a Max Down/Up Speed tier of 6/5 is now

		offered in the Wireless Polygon layer.
Kinetix Technologies	Kinetix Broadband, LLC	No longer providing service. transformed from a Wireless ISP to a Managed Technology Services Provider. No longer provides wireless service.☐
KTC PACE	Kaplan Telephone Co., Inc.	The Census Block layer has increased by 92 records. The Road Segment layer has decreased by 80 records.☐ADSL with a Max Down/Up Speed tier of 6/5 is now offered in the Census Block layer. ADSL with a Max Down/Up Speed tier of 6/5 is now offered in the Road Segment layer.☐ADSL with a Max Down/Up Speed tier of 7/3 has decreased in the Census Block layer. ADSL with a Max Down/Up Speed tier of 7/3 has decreased in the Road Segment layer.☐Fiber with a Max Down/Up Speed tier of 9/7 is now offered in the Census Block layer.
Level 3 Communications, LLC	Level 3 Communications, LLC	The Census Block layer has decreased by 717 records. The Address Point layer has decreased by 21 records.☐Fiber with a Max Down/Up Speed tier of 11/11 has decreased in the Census Block layer. Fiber with a Max Down/Up Speed tier of 11/11 is no longer offered in the Address Point layer.☐Provider having issues delivering address data with zip codes.
LUS Fiber	Lafayette City-Parish Consolidated Government	The Census Block layer has increased by 936 records. The Middle Mile layer has decreased by 16 records.☐Fiber with a Max Down/Up Speed tier of 11/11 has increased in the Census Block layer.☐Census block increase due to addition of provider supplied end user category.
Newbreak Communications	Newbreak Communications	First time delivering data. The Wireless layer has increased by 1 records.☐Unlicensed Fixed Wireless with a Max Down/Up Speed tier of 7/6 is now offered in the Wireless Polygon layer.
NORTHEAST LOUISIANA TELEPHONE CO., INC.	NORTHEAST LOUISIANA TELEPHONE CO., INC.	The Census Block layer has increased by 106 records.The Road Segment layer has increased by 150 records.☐Fiber with a Max Down/Up Speed tier of 7/5 has increased in the Census Block layer. Fiber with a Max Down/Up Speed tier of 7/5 has increased in the Road Segment layer.☐ADSL with a Max Down/Up Speed tier of 4/2 is no longer offered in the Census Block layer. ADSL with a Max Down/Up Speed tier of 4/2 is no longer offered in the Road Segment layer.☐
Sprint	Sprint Corporation	Provider Name: From Sprint Nextel Corporation to Sprint Corporation☐URN: From 0003774593 to 0022117618☐
Suddenlink Communications	Cebridge Acquisition, LP	The Census Block layer has increased by 231 records. The Road Segment layer has increased by 32 records.☐DOCSIS 3.0 Cable with a Max Down/Up Speed tier of 5/2 has decreased in the Census Block layer. DOCSIS 3.0 Cable with a Max Down/Up Speed tier of 5/2 is no longer offered in the Address Point layer.☐DOCSIS 3.0 Cable with a Max Down/Up Speed tier of 7/3 has increased in the Census Block layer. DOCSIS 3.0 Cable with a Max Down/Up Speed tier of 7/3 has

increased in the Address Point layer. DOCSIS 3.0 Cable with a Max Down/Up Speed tier of 7/4 has decreased in the Census Block layer. DOCSIS 3.0 Cable with a Max Down/Up Speed tier of 7/4 has decreased in the Address Point layer. DOCSIS 3.0 Cable with a Max Down/Up Speed tier of 7/5 has increased in the Census Block layer. DOCSIS 3.0 Cable with a Max Down/Up Speed tier of 8/4 has decreased in the Census Block layer. DOCSIS 3.0 Cable with a Max Down/Up Speed tier of 8/4 is now offered in the Road Segment layer. DOCSIS 3.0 Cable with a Max Down/Up Speed tier of 8/4 has decreased in the Address Point layer. DOCSIS 3.0 Cable with a Max Down/Up Speed tier of 8/5 has increased in the Census Block layer. DOCSIS 3.0 Cable with a Max Down/Up Speed tier of 9/5 has increased in the Census Block layer. DOCSIS 3.0 Cable with a Max Down/Up Speed tier of 9/5 is now offered in the Road Segment layer. DOCSIS 3.0 Cable with a Max Down/Up Speed tier of 9/5 has increased in the Address Point layer. Other Cable with a Max Down/Up Speed tier of 9/5 is now offered in the Census Block layer. Other Cable with a Max Down/Up Speed tier of 9/5 is now offered in the Address Point layer. Other Cable with a Max Down/Up Speed tier of 5/2 has decreased in the Census Block layer. Other Cable with a Max Down/Up Speed tier of 7/3 has increased in the Census Block layer. Other Cable with a Max Down/Up Speed tier of 7/4 has decreased in the Census Block layer. Other Cable with a Max Down/Up Speed tier of 7/4 has increased in the Address Point layer. Other Cable with a Max Down/Up Speed tier of 8/4 has decreased in the Census Block layer. Other Cable with a Max Down/Up Speed tier of 8/4 has decreased in the Address Point layer.

Suddenlink Communications

Cequel III Communications I, LLC

The Census Block layer has decreased by 19 records. The Address Point layer has decreased by 33 records. Other Cable with a Max Down/Up Speed tier of 8/4 has decreased in the Census Block layer. Other Cable with a Max Down/Up Speed tier of 8/4 has decreased in the Address Point layer. Other Cable with a Max Down/Up Speed tier of 5/2 has decreased in the Census Block layer. Other Cable with a Max Down/Up Speed tier of 7/4 has decreased in the Census Block layer.

Suddenlink Communications

Classic Cable of Louisiana, LLC

The Census Block layer has decreased by 227 records. The Road Segment layer has increased by 28 records. The Address Point layer has decreased by 73 records. DOCSIS 3.0 Cable with a Max Down/Up Speed tier of 7/4 has decreased in the Census Block layer. DOCSIS 3.0 Cable with a Max Down/Up Speed tier of 7/4 has decreased in the Address Point layer. DOCSIS 3.0 Cable with a Max Down/Up Speed tier of 8/4 has decreased in the Census Block layer. DOCSIS 3.0 Cable with a Max Down/Up Speed tier of 8/4 has increased in the Address Point layer. DOCSIS 3.0 Cable with a Max Down/Up Speed tier of 7/3 has increased in the Census Block layer. DOCSIS 3.0 Cable with a Max Down/Up

Speed tier of 7/3 has decreased in the Address Point layer. DOCSIS 3.0 Cable with a Max Down/Up Speed tier of 5/2 has decreased in the Census Block layer. DOCSIS 3.0 Cable with a Max Down/Up Speed tier of 5/2 is no longer offered in the Address Point layer. DOCSIS 3.0 Cable with a Max Down/Up Speed tier of 4/2 has decreased in the Census Block layer. DOCSIS 3.0 Cable with a Max Down/Up Speed tier of 3/2 has decreased in the Census Block layer. DOCSIS 3.0 Cable with a Max Down/Up Speed tier of 3/2 is now offered in the Road Segment layer. DOCSIS 3.0 Cable with a Max Down/Up Speed tier of 3/2 has decreased in the Address Point layer. Other Cable with a Max Down/Up Speed tier of 5/2 has decreased in the Census Block layer. Other Cable with a Max Down/Up Speed tier of 5/2 has decreased in the Address Point layer. Other Cable with a Max Down/Up Speed tier of 7/3 has decreased in the Census Block layer. Other Cable with a Max Down/Up Speed tier of 7/3 has increased in the Address Point layer. Other Cable with a Max Down/Up Speed tier of 7/4 has increased in the Census Block layer. Other Cable with a Max Down/Up Speed tier of 7/4 has increased in the Address Point layer. Other Cable with a Max Down/Up Speed tier of 8/4 has decreased in the Census Block layer. Other Cable with a Max Down/Up Speed tier of 8/4 has decreased in the Address Point layer. Other Cable with a Max Down/Up Speed tier of 9/5 is no longer offered in the Census Block layer. Other Cable with a Max Down/Up Speed tier of 9/5 has increased in the Address Point layer. Other Cable with a Max Down/Up Speed tier of 3/2 has decreased in the Census Block layer.

T-Mobile

T-Mobile USA, Inc.

The Wireless layer has increased by 2 records. Mobile Wireless with a Max Down/Up Speed tier of 6/4 has increased in the Wireless Polygon layer. Mobile Wireless with a Max Down/Up Speed tier of 7/6 has increased in the Wireless Polygon layer.

tw telecom of louisiana llc

tw telecom of louisiana llc

The Census Block layer has increased by 6 records. Fiber with a Max Down/Up Speed tier of 10/10 has increased in the Census Block layer. Fiber with a Max Down/Up Speed tier of 11/11 has decreased in the Census Block layer. Fiber with a Max Down/Up Speed tier of 5/5 has increased in the Census Block layer. Fiber with a Max Down/Up Speed tier of 6/6 has decreased in the Census Block layer. Fiber with a Max Down/Up Speed tier of 8/8 has increased in the Census Block layer. Fiber with a Max Down/Up Speed tier of 9/9 has decreased in the Census Block layer.

Verizon Wireless

Cellco Partnership and its Affiliated Entities

The Wireless layer has increased by 1 records. Mobile Wireless with a Max Down/Up Speed tier of 7/5 has increased in the Wireless Polygon layer.

ViaSat, Inc.

ViaSat

The Wireless layer has decreased by 1 records. Satellite with a Max Down/Up Speed tier of 4/2 is no longer offered in the Wireless Polygon layer.

Vyve Broadband

Vyve Broadband

Provider James Cable, LLC - DBA Mediastream has changed their Provider & DBA Name to Vyve Broadband.

Corrections

Filing Company DBA

Filing Company Name

Change

Cameron Communications

Cameron Telephone Company, LLC

The Middle Mile layer has decreased by 1 records.

Cameron Communications

Elizabeth Telephone Company, LLC

The Middle Mile layer has decreased by 3 records.

Cameron Communications

LBH, LLC

The Middle Mile layer has decreased by 2 records.

MegaPath Corporation

MegaPath Corporation

DBA Name MegaPath corrected to MegaPath Corporation. The Census Block layer has increased by 2085 records. The Road Segment layer has increased by 112 records. ADSL with a Max Down/Up Speed tier of 4/2 is now offered in the Census Block layer. ADSL with a Max Down/Up Speed tier of 5/2 is now offered in the Census Block layer. ADSL with a Max Down/Up Speed tier of 6/3 is now offered in the Census Block layer. Other Copper Wireline with a Max Down/Up Speed tier of 4/4 has increased in the Road Segment layer. Other Copper Wireline with a Max Down/Up Speed tier of 5/5 has increased in the Road Segment layer. ADSL with a Max Down/Up Speed tier of 6/2 is no longer offered in the Census Block layer.

Mergers and Acquistio

Filing Company DBA

Filing Company Name

Change

CMA Communications

Etan Industries, Inc.

Acquired by NEWWAVE Communications and will be reported under new name.

NEWWAVE

Communications

NEWWAVE

Communications

First time delivering data. Acquired Etan Industries / CMA Communications: The Census Block layer has increased by 3645 records. The Road Segment layer has increased by 413 records. Other Cable with a Max Down/Up Speed tier of 5/2 is now offered in the Census Block layer. Other Cable with a Max Down/Up Speed tier of 5/2 is now offered in the Road Segment layer. Other Cable with a Max Down/Up Speed tier of 6/2 is now offered in the Census Block layer. Other Cable with a Max Down/Up Speed tier of 6/2 is now offered in the Road Segment layer.

Massachusetts Broadband Data Changes and Corrections December 31, 2013 Data

Changes:

Administrative or infrastructure changes that affect the location or type of service provided.

- **AT&T Mobility LLC:** New 3G Advance Wireless Services spectrum service throughout most of the state. Also significant 4G LTE (700 MHz) expansion in north-central MA, western MA (new tower), Martha's Vineyard, and Nantucket and filled in service area gaps in south-central MA and southeastern MA. Slight 3G HSPA and 4G HSPA+ (cellular and PCS spectrums) in southwestern MA.
- **Comcast:** New Extreme 505 service, advertised only by phone, now offers speeds up to 505 Mbps downstream and 100 Mbps upstream.
- **Cox:** Increased speeds to 150 Mbps downstream and 20 Mbps upstream.
- **Level 3:** Minor expansion resulting in 26 new census blocks.
- **MegaPath Corporation:** Removed service areas surrounding decommissioned colocations points in the towns of Marblehead and Sudbury.
- **Shrewsbury Electric and Cable Operations (SELCO):** Increased cable speeds to 100 Mbps down (tier 10) and 10 Mbps up (Tier 7). Added new fiber service for businesses.
- **Sprint:** Significant 4G LTE expansion into more populated parts of central and western MA and on Martha's Vineyard. Also filled in some gaps in eastern MA coverage. Also now reporting under their new parent company name and FRN.
- **T-Mobile:** Significant Expansion of LTE service area (SE MA, Lower Cape and Martha's Vineyard, Central MA, Southern Western MA). 4G area expanded to cover a majority of the Worcester area in central MA. No significant change in 3G.
- **Verizon Wireless:** New 4G Advanced Wireless Service in select cities in eastern and central MA plus Springfield in western MA. Also some 4G LTE service area expansion in western MA..

Corrections:

Modifications to the data to more accurately reflect the location or type of service provided

- **Charter:** Removed areas that were outside the boundaries of the towns they serve.
- **FairPoint Communications:** Corrected serviceable addresses and inaccuracies in roads and blocks selected by address geocoding.
- **Comcast:** Scattered corrections to service areas throughout the state.
- **MegaPath Corporation:** Replaced old Covad Communications FRN with current MegaPath FRN. Added lower speed blocks and roads around the perimeter of the asymmetric DSL service areas back into the dataset. Provider had removed these last in the previous submission. Added a handful of Symmetric DSL roads, but no changes to blocks.
- **Richmond Telephone Company:** Increase speed tier for 768 Kbps upload speeds to assign them to the correct speed tier.
- **Russell Municipal Cable T.V.:** Added a few missing blocks located next to cable strand.
- **Sprint:** Minor refinements to 4G WIMAX their service area, possibly due to differences in propagation modeling.
- **Time Warner Cable:** Provider corrected their maximum advertised LTE download speed from tier 8 to tier 7.
- **Verizon:** Scattered corrections from Verizon throughout the state to fiber and DSL service areas. Corrections to DSL services areas in some western MA towns based on feedback from the communities.

Additional Notes:

- There may be insignificant changes to data from other providers, including the removal of non-contiguous wireless service areas less than 1/8 of a square mile, clipping areas to the state boundary or changes to wireless propagation modeling methodologies.
- Clearwire merged with Sprint. Their services are now fully integrated into the Sprint submission.
- Sidera Networks merged with Lighttower and has notified us that they will no longer be participating in the program.

Changes in Record Counts:

Summary difference between the number of records in the current data submission and the previous data submission. Only those providers with record count differences are shown.

Filing Company DBA	TransTech Code	Census Block Changes	Road Segment Changes	Wireless Changes	Middle Mile Changes
Comcast	40	202	-288		
Level 3 Communications, LLC	50	600	6		
MegaPath Corporation	10	-5131			
RCN	30	9			
RCN	40	133			
Richmond Telephone Company	10	-1			
Russell Municipal Cable T.V.	41		-1		
Sidera Networks	50	-42			-24
T-Mobile	80			4	
Verizon	10	-2348	-51		
Verizon	50	-791	-20		
Verizon	-9999				-1



Maryland Broadband Mapping Initiative
Changes and Corrections
SBDD December 31, 2013 Data

Changes:

- **CAIs** – As requested in “April 1st Data Submission Best Practices and Guidance” correspondence, all CAIs with a technology code “0 – All Other” have been changed to “-9999 – Unknown/Did not provide.” 772 CAIs were changed in Maryland’s data.
- **Clearwire Corporation** – Merged with Sprint; service included in Sprint coverage area
- **New Edge Network, Inc** – No longer participating; data submitted current as of December 30, 2011
- **NEON Connect, Inc.** – no longer participating. Data current as of June 30, 2013.
- **One Communications** – No longer participating; data submitted current as of June 30, 2011
- **Windstream** – Acquired Cavalier Telephone and PaeTec, requested for provider data to be submitted as is under the existing provider name not Windstream. Data current as of December 31, 2014.

Corrections:

- **Atlantic Broadband (Penn), LLC** – Updated provider data by using Maryland’s Cascading Geocoder which increased accuracy of addresses and census blocks. Removed duplicate addresses.
- **CAIs** – Removed four schools that we not found in the access database or were duplicates
- **Anne Arundel Broadband** – Expanded coverage area
- **Antietam Cable Television** – Altered service area
- **AT&T Mobility LLC** – Altered coverage area
- **Cogent Communications Group** – Expanded coverage area
- **Comcast Cable Communications** – Expanded coverage area and increased maximum advertised upload speed
- **Mediacom Delaware LLC** – Expanded coverage area
- **MegaPath Corporation** – Expanded coverage area
- **Sprint Nextel Corporation** – Expanded coverage area
- **Starpower Communications, LLC** – Change in speeds, decrease in service area, change in technology to only Cable Modem – DOCSIS 3.0
- **T-Mobile USA, Inc.** – Altered coverage area
- **twtelecom of maryland llc** – Expanded coverage area
- **United States Cellular Corporation** – Expanded coverage area
- **Verizon Maryland Inc** – Expanded coverage area
- **Verizon Wireless** – Expanded coverage area
- **Zayo Bandwidth LLC** – Decreased service area due to delivered addresses of served areas rather than census tracts.



Maine Broadband Data Changes and Corrections

December 30, 2013 Data

Submitted by:

James W. Sewall Company on behalf of ConnectME Authority - Maine Broadband Mapping Grantee

April 1, 2014.

Changes:

- Community Anchor Institution
 - **Community Anchor Institutions** – On-going scrubbing and community outreach efforts to populate CAI data layer were conducted resulting in an increase in Community Anchor Institutions points.
- Addresses
 - **Telephone and Data Systems, Inc.** – Data submission of additional points resulting in address changes to the BB_Service_Address data layer.
 - **Pioneer Broadband** – Remote Terminal DSL addresses added resulting in address changes to the BB_Service_Address data layer.
- Census Blocks
 - **Axiom Technologies** – Data submission with changes to Tech Trans 10 wired coverage. Refinements made to the BB_Service_CensusBlocks data layer. Other census block changes are due to revisions based on the updated ConnectME roads layer.
 - **BeeLine Cable** – No new data submitted. Census block changes due to revisions based on updated ConnectME roads layer. Updates made to BB_Service_CensusBlock data layer.
 - **Biddeford Internet Corporation (Great Works Internet – GWI)** – Broadband service footprint for Tech Trans 10 & 20 revised. Updates made to BB_Service_CensusBlock data layer. Other census block changes are due to revisions based on the updated ConnectME roads layer.
 - **Lincolnton Telephone Company** – Data submission with increased coverage. Updates made to the BB_Service_CensusBlock data layer. Other census block changes are due to revisions based on the updated ConnectME roads layer.
 - **Chebeague.net** – Data submission with changes to Tech Trans 10 wired coverage. Refinements made to the BB_Service_CensusBlocks data layer. Other census block changes are due to revisions based on the updated ConnectME roads layer.
 - **Comcast** – Data submission of Tech Trans 40 & 41, resulting in changes of broadband service footprint resulting in updates to the BB_Service_CensusBlocks data layers. Other census block changes are due to revisions based on the updated ConnectME roads layer.

- **Cornerstone Communications** – Data submission with changes to Tech Trans 10 wired coverage. Refinements made to the BB_Service_CensusBlocks data layer. Other census block changes are due to revisions based on the updated ConnectME roads layer.
- **FairPoint Communications** – Data submission updates resulting in minor revisions of broadband service footprint. Other census block changes are due to revisions based on the updated ConnectME roads layer. Updates made to BB_Service_CensusBlock data layer. These changes also reflected in providers collocating or reselling FairPoint.
- **MegaPath, Inc.** – Data submission with increased coverage. Other census block changes are due to revisions based on the updated ConnectME roads layer. Updates made to the BB_Service_CensusBlock data layer.
- **Metrocast Cable** – No new data submitted. Census block changes due to revisions based on updated ConnectME roads layer. Updates made to BB_Service_CensusBlock data layer.
- **Networkmaine** – No new data submitted. Census block changes due to revisions based on updated ConnectME roads layer. Updates made to BB_Service_CensusBlock data layer.
- **North Country Broadband** – Submitted wired (tech 10 & 50) coverage data for the first time resulting in changes to BB_Service_CensusBlock data layer. Updates made to BB_Service_CensusBlock data layer.
- **Oxford Networks** – No new data submitted. Census block changes due to revisions based on updated ConnectME roads layer. Updates made to BB_Service_CensusBlock data layer.
- **Pioneer Broadband** – No new data submitted. Census block changes due to revisions based on updated ConnectME roads layer. Updates made to BB_Service_CensusBlock data layer.
- **Polaris Cable** – No new data submitted. Census block changes due to revisions based on updated ConnectME roads layer. Updates made to BB_Service_CensusBlock data layer.
- **Time Warner Cable Inc.** – Data submissions resulting in refinement to broadband service footprint, resulting in updates to BB_Service_CensusBlock data layer. Other census block changes are due to revisions based on the updated ConnectME roads layer. Updates made to BB_Service_CensusBlock data layer.
- **Union River Telephone Company** – Data submission updates resulting in minor revisions of broadband service footprint. Data added to the BB_Service_CensusBlock data layer. Other census block changes are due to revisions based on the updated ConnectME roads layer. Updates made to BB_Service_CensusBlock data layer.
- **Unitel** – No new data submitted. Census block changes due to revisions based on updated ConnectME roads layer. Updates made to BB_Service_CensusBlock data layer.
- **Xpress America Internet** – No new data submitted. Census block changes due to revisions based on updated ConnectME roads layer. Updates made to BB_Service_CensusBlock data layer.

- Road Segments

- **Axiom Technologies** – Data submission with changes to Tech Trans 10 wired coverage. Refinements made to the BB_Service_RoadSegment data layer. Other road changes are due to revisions based on the updated ConnectME roads layer.
- **Beeline Cable** – No new data submitted. Road changes due to revisions based on updated ConnectME roads layer. Updates made to BB_Service_RoadSegment data layer.
- **Biddeford Internet Corporation (Great Works Internet – GWI)** – Broadband service footprint for Tech Trans 10 & 20 revised. Updates made to BB_Service_RoadSegment data layer. Other road changes are due to revisions based on the updated ConnectME roads layer.
- **Lincolville Telephone Company** – Data submission with increased coverage. Updates made to the BB_Service_RoadSegment data layer. Other road changes are due to revisions based on the updated ConnectME roads layer.
- **Chebeague.net** – Data submission with changes to Tech Trans 10 wired coverage. Refinements made to the BB_Service_RoadSegment data layer. Other road changes are due to revisions based on the updated ConnectME roads layer.
- **Comcast** – Data submission of Tech Trans 40 & 41, resulting in changes of broadband service footprint resulting in updates to the BB_Service_RoadSegment data layers. Other road changes are due to revisions based on the updated ConnectME roads layer.
- **Cornerstone Communications** – Data submission with changes to Tech Trans 10 wired coverage. Refinements made to the BB_Service_RoadSegment data layer. Other road changes are due to revisions based on the updated ConnectME roads layer.
- **FairPoint Communications** – Data submission updates resulting in minor revisions of broadband service footprint. Other road changes are due to revisions based on the updated ConnectME roads layer. Updates made to BB_Service_RoadSegment data layer. These changes also reflected in providers collocating or reselling FairPoint.
- **MegaPath, Inc.** – Data submission with increased coverage. Other road changes are due to revisions based on the updated ConnectME roads layer. Updates made to the BB_Service_RoadSegment data layer.
- **Metrocast Cable** – No new data submitted. Road changes due to revisions based on updated ConnectME roads layer. Updates made to BB_Service_RoadSegment data layer.
- **Networkmaine** – No new data submitted. Road changes due to revisions based on updated ConnectME roads layer. Updates made to BB_Service_RoadSegment data layer.
- **North Country Broadband** – Submitted wired (tech 10 & 50) coverage data for the first time resulting in changes to BB_Service_RoadSegment data layer. Updates made to BB_Service_RoadSegment data layer.
- **Oxford Networks** – No new data submitted. Road changes due to revisions based on updated ConnectME roads layer. Updates made to BB_Service_RoadSegment data layer.

- **Pioneer Broadband** – No new data submitted. Road changes due to revisions based on updated ConnectME roads layer. Updates made to BB_Service_RoadSegment data layer.
- **Polaris Cable** – No new data submitted. Road changes due to revisions based on updated ConnectME roads layer. Updates made to BB_Service_RoadSegment data layer.
- **Time Warner Cable Inc.** – Data submissions resulting in refinement to broadband service footprint, resulting in updates to BB_Service_RoadSegment data layer. Other road changes are due to revisions based on the updated ConnectME roads layer. Updates made to BB_Service_RoadSegment data layer.
- **Union River Telephone Company** – Data submission updates resulting in minor revisions of broadband service footprint. Data added to the BB_Service_RoadSegment data layer. Other road changes are due to revisions based on the updated ConnectME roads layer. Updates made to BB_Service_RoadSegment data layer.
- **Unitel** – No new data submitted. Road changes due to revisions based on updated ConnectME roads layer. Updates made to BB_Service_RoadSegment data layer.
- **Xpress America Internet** – No new data submitted. Road changes due to revisions based on updated ConnectME roads layer. Updates made to BB_Service_RoadSegment data layer.
- Wireless
 - **AT&T Inc.** – Expanded mobile broadband coverage resulting in change to BB_Service_Wireless data layer.
 - **Axiom Technologies** – Data submission with changes to fixed wireless coverage. Updates made to the BB_Service_Wireless data layer.
 - **Biddeford Internet Corporation (Great Works Internet – GWI)** – Broadband fixed wireless footprint revised. Updates made to BB_Service_Wireless data layer.
 - **Chebeague.net** – Data submission with changes to fixed wireless coverage. Updates made to the BB_Service_Wireless data layer.
 - **Deutsche Telekom AG.** – Expanded mobile broadband coverage resulting in change to BB_Service_Wireless data layer.
 - **Hughes Network Systems** – Submitted satellite coverage data for the first time resulting in changes to BB_Service_Wireless data layer.
 - **Skycasters** – Submitted satellite coverage data for the first time resulting in changes to BB_Service_Wireless data layer.
 - **Sprint Nextel Corporation** – Data submission resulting in expanded broadband coverage. Updates made to BB_Service_Wireless data layer.
 - **US Cellular** – Data submission resulting in expanded broadband coverage. Updates made to BB_Service_Wireless data layer.

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- **Verizon Communications Inc.** – Data submission resulting in minor change to EVDO and LTE coverage. Changes made to BB_Service_Wireless data layer.

Corrections:

- **N/A**

Note: ME_ReadMe_2014_04_01.txt may contain additional details pertaining to provider submissions or status.



CHANGES AND CORRECTIONS FOR APRIL 2014

MERGERS AND ACQUISITIONS

Throughout the course of the SBI program, CN has maintained a repository of electronic records related to its provider outreach activities. Due to the high volume of mergers and acquisitions (M&A) within the provider community, CN continues to maintain a listing of M&A activities as a way of supplementing the Provider Changes and Corrections. M&A activities for this submission period for the state of Michigan are listed below with a brief description and date as obtained through public records or provider disclosure.

Throughout the course of the SBI program, CN has maintained a repository of electronic records related to its provider outreach activities. Due to the high volume of mergers and acquisitions (M&A) within the provider community, CN continues to maintain a listing of M&A activities as a way of supplementing the Provider Changes and Corrections. M&A activities for this submission period for the state of Michigan are listed below with a brief description and date as obtained through public records or provider disclosure.

D&P Communications, Inc. purchased The Computer Care Company, Inc. (TC3 Telecom's) fixed wireless network.

On October 7, 2013, Birch Communications completed the acquisition of Lightyear Network Solutions, Inc. Lightyear operated as a non-facilities based general reseller of services offered by broadband providers. While data has not been provided during past mapping submissions, Connected Nation will continue to call on Birch Communications and invite it to consider participation and the advantage of contributing to the state's broadband mapping program.

On July 9, 2013, Sprint completed the transaction to acquire 100% ownership of Clearwire. The data previously represented by Clearwire is now being represented under the Sprint name.

DATASET CHANGES AND CORRECTIONS

As requested by the SBI Program Office, a listing of the changes and/or corrections to the datasets between the October 2013 and April 2014 submissions is included in this narrative. This information is presented in this section as well as in the Broadband Provider Log. Changes to the data include expansion of service area(s), activation of new wireless towers, and upgrades to the network to provide higher download speeds to consumers. Corrections to the dataset include the addition of previously existing providers whose coverage has never been submitted, revision of coverage or speed information that was incorrect, and any other items that were misrepresented in the October 2013 dataset.

Provider Name	Technology Type	Changes and Correction Notes	Change in Census Blocks
2125 Cable Company, LLC	Cable	Change/Correction: Provider expanded coverage to the cities of Posen and Wolverine. In addition, upgraded infrastructure increasing max advertised download and upload speeds to tier 5 and 4, respectively, in the majority of its other coverage areas. Removed nine census blocks that were incorrectly selected due to being adjacent to the coverage area, but were resulting in overstatement. It has also been determined that the provider offers service to both residential and business users (end user category changed from 1 to 5).	66
Ace Telephone Company of Michigan Inc.	DSL	Change: End User Category update from 1 to 5, since provider offers same service/speeds to both residential and business subscribers.	0
Agri-Valley Communications, Inc.	DSL	Change: End User Category update from 1 to 5, since provider offers same service/speeds to both residential and business subscribers.	0
Agri-Valley Communications, Inc.	Fixed Wireless	Change: Network expansion (provider installed additional towers).	N/A
Air Advantage, LLC	Fixed Wireless	Change and/or Correction: Provider submitted entirely new dataset for April 2014 submission. Mostly, the new coverage shows additional tower installations, but it also appears that a couple of towers have been decommissioned as well. Also, end user category has been changed from 1 to 5, since they can provide same service to both residential and business subscribers.	N/A
Allband Communications Cooperative (Allband Multimedia, LLC)	Fiber	Change: New FTTH subsidiary added for this provider which shows network expansion, with higher speeds and an End User Category 5.	299

Allband Communications Cooperative (Allband Communications Cooperative)	Fiber	Correction: Maximum advertised upstream and typical download speeds were reversed. Corrected issue and added an end user category 5, since provider offers same service to business and residential subscribers.	0
Allendale Telephone Company	DSL	Change and Correction: Drenthe exchange boundary was corrected to resolve overlapping issues with neighbor exchanges. Removed five census blocks that were incorrectly selected due to being adjacent to the coverage area, but were resulting in overstatement. Also, provider upgraded infrastructure increasing max advertised download speeds to tier 7.	-5
Applied Technology Internet Solutions Inc.	Fixed Wireless	Change: Provider name changed from Tucker Communications to ATIS, Inc. and infrastructure upgrades were made to allow tier 6 download and tier 4 upload across entire service area. End User Category update from 1 to 5, since provider offers same service/speeds to both residential and business subscribers.	N/A
AT&T Inc.	DSL	Change/Correction: Possible service expansion or corrections to previous dataset; entirely new dataset provided for April 2014 submission. Most notable expansion near towns of Harrison and Auburn.	335
AT&T Inc.	Mobile Wireless	Change: Provider increased their 3G, HSPA and LTE coverage. Expanded coverage into new areas, in particular, the Upper Peninsula and the northeastern portion of the Lower Peninsula.	N/A
Big Bay Broadband, Inc.	Fixed Wireless	Change: End User Category update from 1 to 5, since provider offers same service/speeds to both residential and business subscribers.	N/A
Blanchard Telephone Association, Inc.	DSL	Correction: Provider corrected exchange boundary based on FCC Service Areas submitted by neighboring providers. End User Category was also updated from 1 to 5, since provider can offer same services to both residential and business subscribers.	-2

Bloomington Telephone Company, Inc.	DSL	Correction: Provider corrected typical download speed to tier 5 (from tier 6). Also, end user category was changed from 1 to 5, since provider can service business with the same speeds and coverage.	0
Bloomington Telephone Company, Inc.	Fiber (Residential)	Change: Network expansion west of Paw Paw, MI and upload speeds increased to tier 5.	2
Bloomington Telephone Company, Inc.	Fiber (Business)	Change: Provider offers service to businesses in same service area as residential, but at a higher speed (tier 10 download/tier 7 upload).	315
Bright House Networks, LLC	Cable	Change: Provider upgraded infrastructure and can now offer tier 9 download and tier 7 upload speeds.	0
Carr Communications, Inc.	DSL	Change: End User Category update from 1 to 5, since provider offers same service/speeds to both residential and business subscribers.	0
CenturyLink	DSL	Change/Correction: Possible service expansion or corrections to previous dataset; entirely new dataset provided for April 2014 submission. Most notable expansion is in the Fairport Township and in southern Grand Traverse county.	-39
Charter Communications, Inc.	Cable	Change/Correction: Possible service expansion or corrections to previous dataset; entirely new dataset provided for April 2014 submission.	450
Cherry Capital Connection, LLC	Fixed Wireless	Change: Network expansion (provider installed several new towers). End User Category update from 1 to 5, since provider offers same service/speeds to both residential and business subscribers.	N/A
Clearwire Corporation	Mobile Wireless	Change: Clearwire has been acquired by Sprint.	N/A
Climax Telephone Company	DSL	Change: End User Category update from 1 to 5, since provider offers same service/speeds to both residential and business subscribers.	0

Climax Telephone Company	Fiber	Change: End User Category update from 1 to 5, since provider offers same service/speeds to both residential and business subscribers.	0
Coldwater Board of Public Utilities	Cable	Change: Provider expanded cable service in a small area of west Coldwater.	0
Coldwater Board of Public Utilities	Cable	Change/Business Provider: Provider indicated they offer a higher advertised speed to business customers in the same area as their residential service.	359
Comcast Cable Communications, LLC	Cable	Change/Correction: Possible service expansion or corrections to previous dataset; entirely new dataset provided for April 2014 submission.	135
Crystal Automation Systems, Inc.	Fiber (Residential)	Change: New platform offering (FTTH) for this provider.	167
Crystal Automation Systems, Inc.	Fiber (Business)	Change: New platform offering (FTTB) for this provider. Provider indicated that business speeds have a lower maximum advertised upload speed tier (6) than residential.	167
Crystal Automation Systems, Inc.	Fixed Wireless	Change: Network expansion (provider installed several new towers) and upgraded their infrastructure on unlicensed spectrum to allow tier 6 download speeds.	N/A
Custom Software Inc.	Cable	Change: New business-only platform offering for this provider (they purchased a small cable system).	56
Custom Software Inc.	DSL	Change: End User Category update from 1 to 5, since provider offers same service/speeds to both residential and business subscribers.	0
Custom Software Inc.	Fiber	Change: Network expansion (provider installed several new FTTH lines in their service territory). Removed Lupton and Mio areas. End User Category was also updated from 1 to 5, since they offer same service to both residential and business subscribers.	-5

Custom Software Inc.	Fixed Wireless	Change and/or Correction: Provider submitted entirely new dataset for April 2014 submission. Mainly shows areas of decreased coverage, due to refined propagations. Also, download speed increased to tier 6 and End User Category changed from 1 to 5, since they offer same service to both residential and business subscribers.	N/A
D&P Communications, Inc.	DSL	Change: D&P Communications acquired all of The Computer Care Company's assets (TC3Net). Coverage has therefore been expanded and this is a new platform offering for this provider.	2249
D&P Communications, Inc.	Fixed Wireless	Change: D&P Communications acquired all of The Computer Care Company's assets (TC3Net). Coverage has therefore been expanded.	N/A
Farmers Mutual Telephone Company of Chapin	DSL	Change: Provider upgraded infrastructure increasing max advertised download speeds to tier 7.	0
FNW, LLC	Fixed Wireless	Change: Provider decommissioned several towers and installed new ones. All tower propagations have been completely reprocessed.	N/A
Frontier Communications Corporation	DSL	Change: Provider expanded DSL service in multiple locations across the state with additional central offices and remote terminals. Provider also upgraded infrastructure increasing speeds in some areas.	547
Hiawatha Communications, Inc. (Hiawatha Telephone Company)	DSL	Change: Provider upgraded infrastructure increasing max advertised download and upload speeds to tier 9 and tier 5, respectively. It has also been determined that the provider offers service to both residential and business users (end user category changed from 1 to 5).	0
Hiawatha Communications, Inc. (Midway Telephone Company)	DSL	Change: Provider upgraded infrastructure increasing max advertised download speeds to tier 9. It has also been determined that the provider offers service to both residential and business users (end user category changed from 1 to 5).	0

Hiawatha Communications, Inc. (Ontonagon County Telephone)	DSL	Change: Provider upgraded infrastructure increasing max advertised download speeds to tier 9. It has also been determined that the provider offers service to both residential and business users (end user category changed from 1 to 5).	0
Hiawatha Communications, Inc. (Chippewa County Telephone Company)	DSL	Change: Provider upgraded infrastructure increasing max advertised download and upload speeds to tier 9 and tier 5, respectively. It has also been determined that the provider offers service to both residential and business users (end user category changed from 1 to 5).	0
Hiawatha Communications, Inc.	Fiber	Change: Provider upgraded infrastructure increasing max advertised download and upload speeds to tier 9 and tier 5, respectively. It has also been determined that the provider offers service to both residential and business users (end user category changed from 1 to 5).	0
I-2000, Inc.	DSL	Change and Correction: End User Category update from 1 to 5, since provider offers same service/speeds to both residential and business subscribers. Also removed 2 census blocks where service does not exist.	-2
I-2000, Inc.	Fixed Wireless	Change: Coverage removed where three tower sites were deleted and one tower site propagation was recreated due to a sector frequency change. Also, End User Category changed from 1 to 5, since provider can supply same service to residential and business subscribers.	N/A
Iron Bay Computer & Design	Fixed Wireless	Change: End User Category update from 1 to 5, since provider offers same service/speeds to both residential and business subscribers.	N/A
Iron River Cooperative TV Antenna Corp	Cable	Change: End User Category update from 1 to 5, since provider offers same service/speeds to both residential and business subscribers.	0

ISP Management, Inc.	DSL	Change: End User Category update from 1 to 5, since provider offers same service/speeds to both residential and business subscribers.	0
ISP Management, Inc.	Fixed Wireless	Change: End User Category update from 1 to 5, since provider offers same service/speeds to both residential and business subscribers.	N/A
Kaltelco, LLC	DSL	Change: End User Category update from 1 to 5, since provider offers same service/speeds to both residential and business subscribers.	0
KPBIZnet LLC	Fixed Wireless (Business)	Change: Network expansion. Provider coverage downloaded from towercoverage.com shows additional serviceable area. New business-only record added for provider. Upload speeds are tier 5, whereas residential is only tier 3.	N/A
KPBIZnet LLC	Fixed Wireless (Residential)	Change: Network expansion. Provider coverage downloaded from towercoverage.com shows additional serviceable area.	N/A
LakeNet, LLC	Fixed Wireless	Change: Provider uploaded new data to towercoverage.com. Data shows slight expansion in the north. End User Category was also changed from 1 to 5, since they offer business services at the same speed and in the same area as residential services.	N/A
Lennon Telephone Company	Cable	Change: End User Category update from 1 to 5, since provider offers same service/speeds to both residential and business subscribers.	0
Lennon Telephone Company	DSL	Change: End User Category update from 1 to 5, since provider offers same service/speeds to both residential and business subscribers.	0
Level 3 Communications, LLC	Fiber	Change/Correction: Possible service expansion or corrections to previous dataset; entirely new dataset provided for April 2014 submission.	-66
Lighthouse Computers, Inc.	Cable	Change: End User Category update from 1 to 5, since provider offers same service/speeds to both residential and business subscribers.	0

Martell Cable Services, Inc.	Cable	Change: Provider upgraded infrastructure and can now offer tier 7 download and tier 4 upload speeds. Also, provider stopped serving the mobile home park in Jackson County.	-5
MegaPath Corporation	DSL	Change/Correction: Possible service expansion or corrections to previous dataset; entirely new dataset provided for April 2014 submission. Provider added additional blocks in areas of existing DSL, but with different technology codes. Provider also removed coverage in three areas (SW Ottawa County, central Oakland County and an area on the border of Ottawa and Kent County).	3284
MetaLINK Technologies, Inc.	Fixed Wireless	Change: Network expansion (provider installed 3 additional towers).	N/A
Michwave Technologies, Inc.	Fixed Wireless	Change: Network expansion (provider installed three additional towers).	N/A
Niagara Wireless, LLC	Fixed Wireless	Change: Network was deactivated and the licensed AWS spectrum was sold to CellCom.	N/A
Northside TV Corporation	Cable	Change: End User Category update from 1 to 5, since provider offers same service/speeds to both residential and business subscribers.	0
Parish Communications	Cable	Change: End User Category update from 1 to 5, since provider offers same service/speeds to both residential and business subscribers.	0
Pasty.net, Inc.	Fixed Wireless	Change: Provider upgraded infrastructure and can now offer tier 5 download speeds on Keweenaw peninsula. Also, End User Category was updated from 1 to 5, as they can provide the same service to business subscribers.	N/A
RACC Enterprises, LLC	DSL	Change: End User Category update from 1 to 5, since provider offers same service/speeds to both residential and business subscribers.	0
RACC Enterprises, LLC	Fixed Wireless	Change: End User Category update from 1 to 5, since provider offers same service/speeds to both residential and business subscribers.	N/A

Scott Cook, Inc.	Fixed Wireless	Change: Network expansion (provider installed several new towers in Gaylord, MI area and upgraded infrastructure to allow tier 7 download and upload speeds across entire service area. End User Category was also changed from 1 to 5, since provider can offer same services to both residential and business subscribers.	N/A
SonicNet, Inc.	Fixed Wireless	Change: End User Category update from 1 to 5, since provider offers same service/speeds to both residential and business subscribers.	N/A
SpeedNet, LLC	Fixed Wireless	Change: Provider submitted new 4G coverage propagation.	N/A
Springcom, Inc.	Cable	Change: End User Category update from 1 to 5, since provider offers same service/speeds to both residential and business subscribers.	0
Springcom, Inc.	DSL	Change: End User Category update from 1 to 5, since provider offers same service/speeds to both residential and business subscribers.	0
Sprint Nextel Corporation	Mobile Wireless	Change: Provider particularly increased coverage in the west-northwest portion of the Lower Peninsula. Data also contains acquired Clearwire data. In addition, upgraded infrastructure increasing the areas in which have max advertised download and upload speeds of tier 6 and tier 4, respectively.	N/A
Summit Digital Holdings, Inc.	Cable	Change: End User Category update from 1 to 5, since provider offers same service/speeds to both residential and business subscribers.	0
Summit Digital Holdings, Inc.	Fixed Wireless	Change: Network expansion (towercoverage.com data shows additional coverage from what appears to be new tower installations). End User Category update from 1 to 5, since provider offers same service/speeds to both residential and business subscribers.	N/A
SyncWave, LLC	Fixed Wireless	Change: SyncWave was previously non-responsive, but they provided data this round.	N/A

TDS Telecommunications Corporation	DSL	Change/Correction: Possible service expansion or corrections to previous dataset; entirely new dataset provided for April 2014 submission.	0
TDS Telecommunications Corporation	Fiber	Change: New provider platform for April 2014 submission.	34
The Computer Care Company, Inc.	Backhaul	Change: TC3Net has been acquired by D&P Communications.	N/A
The Computer Care Company, Inc.	DSL	Change: TC3Net was acquired by D&P Communications.	-2164
The Computer Care Company, Inc.	Fixed Wireless	Change: TC3Net has been acquired by D&P Communications.	N/A
T-Mobile USA, Inc.	Mobile Wireless	Change: Provider increased their non-3G coverage into many 3G areas and elsewhere. Expanded coverage further north along I-75, US Hwy 27, and US Hwy 31 into the counties of Muskegon, Isabella, Gratiot, Midland Bay, Arenac, Saginaw, and Tuscola; expanded coverage in these areas was built in previously unserved areas and not on top of a lower-speed network.	N/A
Town & Country Cable and Telecommunications, LLC	Cable	Change: Provider upgraded infrastructure in their Irons, MI service area and can now offer tier 6 download speeds, and 3M download speeds in other service areas.	0
Upper Peninsula Telephone Company	DSL	Change: End User Category update from 1 to 5, since provider offers same service/speeds to both residential and business subscribers.	0
Verizon North Inc.	Mobile Wireless	Change/Correction: Provider increased their LTE coverage in multiple locations in the state. Slight increase in new coverage areas, but also some refinements, particularly in the Eastern Upper Peninsula.	N/A
Vogtmann Engineering, Inc.	Cable	Change: End User Category update from 1 to 5, since provider offers same service/speeds to both residential and business subscribers.	0

Vogtmann Engineering, Inc.	Fiber	Change: End User Category update from 1 to 5, since provider offers same service/speeds to both residential and business subscribers.	0
West Michigan Broadband, LLC	Fixed Wireless	Change: Huge network expansion (provider submitted data for 40 new tower sites).	N/A
Xyotek, LLC	Fixed Wireless	Change: End User Category update from 1 to 5, since provider offers same service/speeds to both residential and business subscribers.	N/A



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MERGERS AND ACQUISITIONS

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On October 28, 2013, The Cologne City Council (tothhome.com owner) passed a motion 4/0 to transfer the ISP to Broadband Corp. Connected Nation will continue to conduct outreach to gather this data.

On July 9, 2013, Sprint completed the transaction to acquire 100% ownership of Clearwire. The data previously represented by Clearwire is now being represented under the Sprint name and the formerly operated fixed wireless services are no longer represented as the spectrum is being reallocated in the Sprint network.

On October 7 2013, Birch Communications completed the acquisition of Lightyear Network Solutions, Inc. Lightyear operated as non-facilities based general reseller of services offered by broadband providers. While data has not been provided during past mapping submissions, Connected Nation will continue to call on Birch Communications and invite it to consider participation and the advantage of contributing to the state's broadband mapping program.

DATASET CHANGES AND CORRECTIONS

As requested by the SBI Program Office, a listing of the changes and/or corrections to the datasets between the October 2013 and April 2014 submissions is included in this narrative. This information is presented in this section as well as in the Broadband Provider Log. Changes to the data include expansion of service area(s), activation of new wireless towers, and upgrades to the network to provide higher download speeds to consumers. Corrections to the dataset include the addition of previously existing providers whose coverage has never been submitted, revision of coverage or speed information that was incorrect, and any other items that were misrepresented in the October 2013 dataset.

Provider Name	Technology Type	Changes and Correction Notes	Change in Census Blocks
A Better Wireless, NISP, LLC	Fixed Wireless (Residential)	Change: Provider added a transmission location west of the city of Henning and removed a transmission location around Richdale due to lack of interest.	N/A
A Better Wireless, NISP, LLC	Fixed Wireless (Business)	Change/Business Provider: Provider has been in service offering commercial broadband, but is being submitted for the first time. Provider added a transmission location west of the city of Henning and removed a transmission location around Richdale due to lack of interest.	N/A
Access Broadband	Fixed Wireless	Correction: Previously non-responsive provider is now participating in the program. Coverage more extensive than initially estimated and available to both residential and business users.	N/A
Ace Telephone Association	DSL	Change: It has been determined that the provider offers service to both residential and business users.	0
Ace Telephone Association	Fiber	Change: Provider expanded fiber coverage in multiple areas in Houston and Winona County.	33
Ace Telephone Association	Fixed Wireless	Change: Provider cut back on coverage near the community of Pickwick. Only aimed at a specific valley. It has also been determined that the provider offers service to both residential and business users.	N/A
AirFiber	Fixed Wireless (Residential)	Change: Coverage now portrayed in the city of Wrenshall after Connected Nation went to the area and conducted data acquisition/validation. Provider offers residential and business service at different maximum advertised speeds.	N/A
AirFiber	Fixed Wireless (Business)	Change/Business Provider: Provider has been in service offering commercial broadband, but is being submitted for the first time. Coverage now portrayed in the city of Wrenshall after Connected Nation went to the area and conducted data acquisition/validation. Provider offers residential and business service at different maximum advertised speeds.	N/A

Albany Mutual Telephone Association	Fiber	Change: Provider upgraded infrastructure and increased their max advertised download speeds to tier 8.	0
Arrowhead Electric Cooperative, Inc.	Fiber	Change: New provider recently started offering services.	250
Arvig	Cable	Change: Provider upgraded infrastructure in Sauk Centre to DOCSIS 3.0 increasing maximum advertised download and upload speeds to tier 9 and tier 3, respectively.	0
Arvig	DSL	Change/Correction: Provider expanded DSL territory slightly between the cities of Eden Valley and Watkins. Validation turned up additional serviced areas in Grand Meadow, Wykoff, and Racine as part of Home Telephone Company. Provider assumed these areas were being reported, but they in fact were not in prior submissions.	358
Arvig	Fiber	Change: Provider upgraded infrastructure in the city of Melrose increasing maximum advertised download and upload speeds to tier 11 and tier 7, respectively. It has also been determined that the provider offers service to both residential and business users.	0
Arvig Communication Systems	DSL	Change: Provider upgraded infrastructure increasing maximum advertised download speeds to tier 7 around Belview, Wood Lake, and in rural Redwood Falls.	0
AT&T Corp, Inc.	Mobile Wireless	Change: Provider increased their 3G, HSPA, and LTE coverage. Expanded coverage south of Red Lake, south of Grygla, Southwest Lake County, and in other small areas where gaps existed.	N/A
Benton Cooperative Telephone Company (Milaca Local Link)	Cable	Change: Provider upgraded infrastructure to DOCSIS 3.0 increasing maximum advertised download and upload speeds to tier 8 and tier 7, respectively.	0
Benton Cooperative Telephone Company (Benton Cablevision)	Cable	Change: Provider upgraded infrastructure to DOCSIS 3.0 increasing maximum advertised download and upload speeds to tier 8 and tier 7, respectively.	0

Benton Cooperative Telephone Company	DSL	Change: Provider upgraded infrastructure increasing maximum advertised download and upload speeds to tier 8 and tier 7, respectively.	0
Benton Cooperative Telephone Company (Milaca Local Link)	DSL	Change: Provider upgraded infrastructure increasing maximum advertised upload speeds to tier 8.	0
Benton Cooperative Telephone Company	Fiber	Change: Provider expanded fiber service around the city of Rice.	92
Benton Cooperative Telephone Company	Fixed Wireless	Change: It has been determined that the provider offers service to both residential and business users.	N/A
Blue Earth Valley Telephone Company	Cable	Change: It has been determined that the provider offers service to both residential and business users.	0
Blue Earth Valley Telephone Company (Granada Telephone Company)	DSL	Change: It has been determined that the provider offers service to both residential and business users.	0
Blue Earth Valley Telephone Company (Pine Island Telephone)	DSL	Change: It has been determined that the provider offers service to both residential and business users.	0
Blue Earth Valley Telephone Company	DSL	Change: It has been determined that the provider offers service to both residential and business users.	0
Blue Earth Valley Telephone Company	Fiber	Change: Provider expanded fiber service to a small subdivision in the city of Oronoco and area near New Prague. It has also been determined that the provider offers service to both residential and business users.	14
Blue Sky Broadband	Fixed Wireless	Change: It has been determined that the provider offers service to both residential and business users.	N/A
Blueprint America, Inc.	Fixed Wireless	Change/Correction: Possible service expansion or corrections to previous dataset; entirely new dataset provided for April 2014 submission. Coverage increased and decreased in multiple areas.	N/A

Broadband Corp (Cologne-isp.net)	Fixed Wireless	Broadband Corp has acquired the previously tothhome/ISP-Cologne.net. However they are performing a complete network integration and optimization on the acquired assets which will result in some assets being decommissioned so therefore will report any changes next submission. Submitting data as it was, but under the Broadband Corp legal name.	N/A
Broadband Corp	Fixed Wireless	Change: Provider added three 3650 Mhz transmission locations, particularly increasing 3650 coverage in the Howard Lake area. Removed transmission point in Blomkest decreasing coverage to the west.	N/A
CenturyLink	DSL	Change/Correction: Possible service expansion or corrections to previous dataset; entirely new dataset provided for April 2014 submission.	-44
CenturyLink	Fiber	Change/Correction: Provider expanded fiber service into seven additional blocks in the counties of Hennepin, Ramsey and Washington. Reduced maximum advertised upload speeds to tier 8.	7
Christensen Communications Company	Fiber	Change/Business Provider: Provider has been in service offering commercial broadband, but is being submitted for the first time.	330
Christensen Communications Company	Fixed Wireless	Change: New provider platform for the April 2014 submission.	N/A
CitEscape, LLC	Fixed Wireless	Correction: Resident feedback indicated service was not available along a street near the city of Zimmerman.	N/A
City of Bagley	Cable	Change: It has been determined that the provider offers service to both residential and business users.	0
City of Detroit Lakes	Fixed Wireless	Change: Provider is no longer using their fixed wireless infrastructure to serve residents or businesses. Wireless is used purely for well water monitoring.	N/A
Clearwire Corporation	Fixed Wireless	Change: Clearwire was acquired by Sprint.	N/A

Clearwire Corporation	Mobile Wireless	Change: Clearwire was acquired by Sprint.	N/A
Cloudnet, Inc.	Fixed Wireless (Residential)	Change: It has been determined that the provider offers residential service at lower advertised speeds compared to business.	N/A
Cloudnet, Inc.	Fixed Wireless (Business)	Change/Business Provider: Provider indicated they offer a higher advertised speed to business customers in the same area as their residential service.	N/A
Comcast Cable Communications, LLC	Cable	Change/Correction: Possible service expansion or corrections to previous dataset; entirely new dataset provided for April 2014 submission.	127
Emily Cooperative Telephone Company	Fiber	Change: Provider expanded fiber territory to a couple small areas on the southern border of their coverage area. Additionally, provider now offers max advertised à la carte upload speeds of tier 7.	3
Fallsnet	Fixed Wireless	Change: Provider expanded coverage to the north and east of Little Falls with additional transmission locations.	N/A
Federated Telephone Cooperative	Fixed Wireless	Change: It has been determined that the provider offers service to both residential and business users.	N/A
Fibernet Monticello	Fiber	Change: Provider upgraded infrastructure increasing both maximum advertised download and upload speeds to tier 10.	0
Frontier Communications of Minnesota, Inc.	DSL	Change: Provider upgraded infrastructure increasing speeds in some areas. Very minor coverage expansion.	8
Garden Valley Telephone Company	DSL	Change/Correction: Provider converted DSL infrastructure to fiber in rural Erskine and Maple Bay area, and in the city and rural areas of Shevlin and Leonard. Provider indicated a small correction where DSL exists and is not actually fiber. Upgraded infrastructure in the previously maximum tier 3 download/tier 2 upload areas, increasing maximum advertised download and uploads speeds to tier 8.	-389

Garden Valley Telephone Company	Fiber	Change/Correction: Provider expanded fiber territory into rural Erskine and Maple Bay, along with the Shevlin and Leonard exchange areas. Provider also indicated a correction around Maple Lakes where fiber is not yet available.	363
Gardonville Cooperative Telephone Association	DSL	Change: Provider converted some DSL infrastructure to fiber. Upgrades to infrastructure increased maximum advertised download speeds to tier 6 and decreased upload speeds to tier 4.	-4
Gardonville Cooperative Telephone Association	Fiber	Change/Correction: Provider expanded fiber territory in four small areas that were previously DSL. Provider also indicated that they advertise custom speed requests and residents can acquire download and upload speeds of tier 9.	7
Gardonville Cooperative Telephone Association	Fixed Wireless	Change: It has been determined that the provider offers service to both residential and business users.	N/A
Genesis Wireless	Fixed Wireless	Change: It has been determined that the provider offers service to both residential and business users.	N/A
Great Lakes Communication Corp.	Fixed Wireless	Change: Provider upgraded infrastructure with an additional transmission location in IA which had a very minor effect in MN near Round Lake.	N/A
Halstad Telephone Company	Fixed Wireless	Change: Removed licensed tower out of East Grand Forks as site will be turned off by December 31, 2013. Provider upgraded infrastructure to unlicensed Crookston site that increased max advertised upload speeds to tier 4. Also licensed Crookston site is now active. Further, it's been determined that the provider offers service to both residential and business users.	N/A
Harmony Telephone Company	DSL	Change: It has been determined that the provider offers service to both residential and business users.	0
Harmony Telephone Company	Fixed Wireless	Change: Provider expanded service area into rural Preston and the rural community of Greenleafon. It has also been determined that the provider offers service to both residential and business users.	N/A

Hiawatha Broadband Communications, Inc.	Fiber	Change: Provider extended fiber services to businesses only along a route from western Red Wing to the city of Hastings.	77
Hickory Tech Corporation	Fixed Wireless	Change: It has been determined that the provider offers service to both residential and business users.	N/A
Hutchinson Telecommunications, Inc.	DSL	Change: Provider upgraded infrastructure and increased their max advertised asymmetrical DSL download to tier 8. Upload was altered to tier 4 due to shared bandwidth.	0
Hutchinson Telecommunications, Inc.	Fixed Wireless	Change: It has been determined that the provider offers service to both residential and business users.	N/A
Info Link Wireless, Inc.	Fixed Wireless	Change: It has been determined that the provider offers service to both residential and business users.	N/A
Interstate Telecommunications Cooperative, Inc.	DSL	Change: It has been determined that the provider offers service to both residential and business users.	0
Interstate Telecommunications Cooperative, Inc.	Fiber	Change: It has been determined that the provider offers service to both residential and business users.	0
InvisiMax, Inc.	Fixed Wireless	Change/Correction: Provider indicated to pull coverage from towercoverage.com. Increases in coverage in some areas and decreases in others. Reported one maximum advertised speed tier combination for entire service area. It has been determined that the provider offers service to both residential and business users.	N/A
Jab Wireless, Inc.	Fixed Wireless	Change: It has been determined that the provider offers service to both residential and business users.	N/A
Jaguar Communications	Fiber	Change: Provider expanded fiber territory in a number of areas. Largest expansion was into Carver County.	2486
Kasson & Mantorville Telephone Company	Fiber	Change: Provider upgraded infrastructure and increased their max advertised download and upload speeds to tier 10.	0

Lake County Fiber Network	Fiber	Change: New fiber broadband provider offering higher speeds for business services for the April 2014 submission.	95
Lake County Fiber Network	Fiber	Change: New fiber broadband provider for the April 2014 submission.	95
Lakenet Communications	Fixed Wireless	Change: Provider expanded coverage north of Duluth and west of Two Harbors with additional transmission locations.	N/A
Level 3 Communications, LLC	Fiber	Change/Correction: Possible service expansion or corrections to previous dataset; entirely new dataset provided for April 2014 submission.	-113
LTD Broadband LLC	Fixed Wireless	Correction: New provider for the April 2014 submission, but was previously in service.	N/A
Mediacom Communications Corporation	Cable	Change: Provider upgraded infrastructure increasing maximum advertised download and upload speeds to tier 10 and tier 7, respectively in multiple areas throughout the state. Speeds increased to tier 9 and tier 5 in Lake City.	0
MegaPath Corporation	DSL	Change/Correction: Possible service expansion or corrections to previous dataset; entirely new dataset provided for April 2014 submission. Provider added additional blocks in areas of existing DSL, but with different technology codes. Provider also removed coverage in a portion of East Washington County.	2141
Midcontinent Communications	Cable	Change: Provider expanded broadband service into seven additional census blocks. It has been determined that the provider offers service to both residential and business users.	7
Midcontinent Communications	Fiber	Change/Business Provider: Provider has been in service offering commercial broadband at higher speeds, but is being submitted for the first time.	8321
Mille Lacs Energy Cooperative	Fixed Wireless	Change: It has been determined that the provider offers service to both residential and business users.	N/A

Minnesota Valley TV Improvement Corporation	Cable	Change: Provider upgraded infrastructure increasing maximum advertised download and upload speeds to tier 6 and tier 5, respectively.	0
Minnesota Valley TV Improvement Corporation	Fixed Wireless	Change: Provider added three transmission locations increasing coverage near cities and communities of Westbrook, Worthington, Rushmore and Reading. Provider also upgraded infrastructure in increasing maximum advertised download speeds to tier 6.	N/A
Minnesota WiFi LLC	Fixed Wireless (Business)	Change: Provider expanded coverage west and east to the Claremont area and to rural Byron. Provider also upgraded infrastructure increasing maximum advertised upload speeds to tier 8.	N/A
Minnesota WiFi LLC	Fixed Wireless (Residential)	Change: Provider expanded coverage west and east to the Claremont area and to rural Byron. Provider also upgraded infrastructure increasing maximum advertised download and upload speeds to tier 8.	N/A
Nates Net, Inc.	Fixed Wireless	Change: It has been determined that the provider offers service to both residential and business users.	N/A
New Ulm Telecom, Inc.	DSL	Change: Provider upgraded infrastructure and increased their max advertised asymmetrical DSL download speeds to tier 8. Upload was altered to tier 4 due to shared bandwidth.	0
Nextera Communications	Fixed Wireless	Correction: All unlicensed and 3650 sites were audited and field validated, which resulted in coverage reduction in many areas and expansion in some others. Connected Nation estimated coverage for this provider. It has been determined that the provider offers service to both residential and business users.	N/A
NorthfieldWiFi LLC	Fixed Wireless	Change: It has been determined that the provider offers service to both residential and business users.	N/A
Park Region Mutual Telephone Company	Fixed Wireless	Change: It has been determined that the provider offers service to both residential and business users.	N/A

Paul Bunyan Rural Telephone Cooperative	Fiber	Change: Provider expanded fiber territory in rural Park Rapids. Provider also upgraded infrastructure and can now offer maximum advertised download and upload speeds of tier 10.	163
Radio Link Internet	Fixed Wireless (Business)	Change/Correction: Provider supplied entirely new dataset indicating expansion primarily to the northwest, northeast, east, and to the south. Slight reductions in a few areas.	N/A
Radio Link Internet	Fixed Wireless (Residential)	Change/Correction: Provider supplied entirely new dataset indicating expansion primarily to the northwest, northeast, east and to the south. Slight reductions in a few areas.	N/A
Red River Rural Telephone Association	Fiber	Change: Provider expanded fiber service SW of the city of Hawley.	19
Red River Rural Telephone Association	Fixed Wireless	Change: Provider decommissioned Breckenridge 3650 site. It has also been determined that the provider offers service to both residential and business users.	N/A
Rothsay Telephone Company Inc.	DSL	Change: Provider indicates that they are now primarily using VDSL to offer higher download speeds. Increased their maximum advertised download speeds to tier 9.	0
Rothsay Telephone Company Inc.	Fiber	Change: Provider upgraded infrastructure and increased their max advertised download speeds to tier 9.	0
RRC Net	Fixed Wireless	Change: It has been determined that the provider offers service to both residential and business users.	N/A
Runestone Telecom Association	DSL	Change/Correction: Provider converted some DSL infrastructure to fiber. Slightly altered fiber boundary also altered DSL boundary.	-70
Runestone Telecom Association	Fiber	Change/Correction: Provider expanded fiber territory with a few minor adjustments to the boundary. Much of the expansion is near Elbow Lake and south of Kensington.	61

Savage Communications Inc.	Cable	Change: Provider upgraded infrastructure to DOCSIS 3.0 in some areas increasing maximum advertised download speeds to tier 9.	0
Savage Communications Inc.	Fiber	Change: Provider expanded FTTB coverage to the towns of Warba and Garrison.	204
Scott Rice Telephone Co.	DSL	Change: Provider converted some DSL infrastructure to fiber.	0
Scott Rice Telephone Co.	Fiber (Residential)	Change: Provider expanded fiber service in a few small areas within their exchange. It has also been determined that the provider offers this service only to residential locations.	4
Scott Rice Telephone Co.	Fiber (Business)	Change: Provider indicated they have specific commercial areas that are business fiber only and that they also offer higher max advertised download and upload speeds.	17
Sioux Valley Rural Television, Inc.	Fixed Wireless	Change/Correction: Provider responded indicating they refuse to participate. Therefore, the last coverage data they provided is being submitted. It has also been determined that the provider offers their service to both residential and business users. Business offerings were in service previously.	N/A
Sjoberg's Inc.	Cable	Change: Provider upgraded their infrastructure increasing maximum advertised download and upload speeds to tier 9 and tier 7, respectively. It has also been determined that the provider offers service to both residential and business users.	0
Southern Cablevision, Inc.	Cable	Change: Provider upgraded infrastructure in Detroit Falls and Perham increasing maximum advertised download speeds tier 10 and 9 and upload speeds to tier 3.	0

Sprint Nextel Corporation	Mobile Wireless	Change: Provider expanded territory very slightly in middle central MN. Data also contains acquired Clearwire data. In addition, upgraded infrastructure increasing the areas in which have max advertised download and upload speeds of tier 6 and tier 4, respectively.	N/A
St. Olaf College Telecommunications	Fiber	Change: New provider for this submission. Provider indicated that they have no interest in being included in the broadband project for the NTIA. Connected Nation estimated coverage for this provider. It was determined to be business only.	163
Starpoint Communications, Inc.	Fixed Wireless	Change: Provider added a transmission location near Minneota and Ghent. Majority of its coverage already covered by other transmissions.	N/A
Synkro Southwest	Fixed Wireless	Correction: New provider for this submission that was previously in service; provider indicated that they will not be submitting any data this year. Connected Nation estimated coverage for this provider in the counties of Jackson, Nobles, Martin, and Cottonwood.	N/A
TDS Telecommunications Corporation	DSL	Change/Correction: Possible service expansion or corrections to previous dataset; entirely new dataset provided for April 2014 submission. Clear expansion evident in Cass County.	75
TDS Telecommunications Corporation	Fiber	Change/Correction: Possible service expansion or corrections to previous dataset; entirely new dataset provided for April 2014 submission.	4
T-Mobile USA, Inc.	Mobile Wireless	Change/Correction: Provider increased their non-3G coverage, particularly their HSPA+ and LTE coverage. Very small overall increases in coverage as well as decreases.	N/A
totheshome.com, LLC	Fixed Wireless	Change: Provider was purchased by City of Cologne and was operating as Cologne-ISP-Net, but since has been sold to Broadband Corp.	N/A

tw telecom of minnesota llc	DSL	Change/Correction: Possible service expansion or corrections to previous dataset; entirely new dataset provided for April 2014 submission.	1
tw telecom of minnesota llc	Fiber	Change/Correction: Possible service expansion or corrections to previous dataset; entirely new dataset provided for April 2014 submission.	19
VAL-ED Joint Venture, LLP	DSL	Change: Provider increased coverage in additional housing complexes around Moorhead and Dilworth, which also have higher download and upload speed tiers. It has also been determined that the provider offers service to both residential and business users.	5
VAL-ED Joint Venture, LLP	Fixed Wireless	Change: It has been determined that the provider offers service to both residential and business users.	N/A
Verizon Communications, Inc.	Mobile Wireless	Change/Correction: Provider increased their LTE coverage in multiple locations in the state. Slight increase in new coverage areas, but also a small refinement in northeast Minnesota.	N/A
ViaSat, Inc.	Satellite	Change: Provider no longer offers Pro Plus service in the state.	N/A
Western Telephone Company	DSL	Change: Provider upgraded infrastructure and increased their max advertised asymmetrical DSL download to tier 8. Upload was altered to tier 4 due to shared bandwidth. Also it has been determined that the provider offers service to both residential and business users.	0
Wikstrom Telephone Company	DSL	Change: It has been determined that the provider offers service to both residential and business users.	0
Wikstrom Telephone Company	Fiber	Correction: Provider indicated that their actual advertised business speed tiers align with their residential tiers.	0
Wikstrom Telephone Company	Fixed Wireless	Change: It has been determined that the provider offers service to both residential and business users.	N/A

Windstream Communications	DSL	Change/Correction: Possible service expansion or corrections to previous dataset; entirely new dataset provided for April 2014 submission.	-170
Winnebago Cooperative Telecom Association	Fixed Wireless	Change: Received confirmation from provider that they have discontinued their fixed wireless service.	N/A
Wolverton Telephone Company	Fiber	Change: It has been determined that the provider offers service to both residential and business users.	0



Missouri Broadband Changes & Corrections

NTIA Submission 09
01 April 2014

NO CHANGES

<u>Holding Company</u>	<u>FRN</u>	<u>DBA Name</u>	<u>Change Details</u>
Air Link Rural Broadband, LLC	0020854725	Air Link	No Changes
Alma Communications Company	0007196207	Alma Telephone Company	No Changes
American Broadband Communications	0004746863	Holway Telephone Company	No Changes
American Broadband Communications	0003772274	KLM Telephone Company	No Changes
American Broadband Communications	0003772290	N. W. Communications	No Changes
American Fiber Comm, LLC	0000000000	Arch Fiber Networks	No Changes
AT&T, Inc.	0004496774	AT&T Corp.	No Changes
Boycom Cablevision, Inc.	0007630791	Boycom Cablevision, Inc.	No Changes
Partel Broadband Telecommunications Inc.	0020795449	Boycom Cablevision, Inc.	No Changes
BPS Telephone Company	0003730835	BPS Telephone Company	No Changes

Cable ONE	0003474327	Cable ONE	No Changes
Carthage Water & Electric	0007147143	Carthage Water & Electric	No Changes
Cequel III Communications II	0009725870	Suddenlink Communications	No Changes
Chariton Valley Telecom Corp.	0008437147	Chariton Valley Telecom Corp.	No Changes
Citizens Telephone Company of Higginsville Missouri	0002504298	Citizens Telephone Company of Higginsville MO	No Changes
Citizens Communications Corporation	0006074470	Citizens Cablevision, Inc	No Changes
City of Kennett	0002513240	City Light Gas & Water Office	No Changes
City North Kansas City	0016051450	liNKCity	No Changes
Wireless Investments, LLC	0020526265	Easy Net	No Changes
Ellington Telephone Company	0003741956	Ellington Telephone Company	No Changes
Fidelity Communications Company	0000013326	Fidelity Cablevision Inc.	No Changes
Fidelity Communications Company	0004351722	Fidelity Communications Services I, Inc.	No Changes
Fidelity Communications Company	0002550309	Fidelity Telephone Company	No Changes
Granby Telephone Company	0005061189	Granby Telephone Company	No Changes
Green Hills Telephone Corporation	0003736238	Green Hills Telephone ILEC	No Changes
Haug Communications, Inc.	0004711735	Haug Communications	No Changes
Hughes Communications, Inc.	0017434911	Hughes Network Systems, LLC	No Changes
IAMO Telephone Company	0014067565	IAMO Wireless	No Changes
Imagination Inc.	0017606898	Iland Internet Services LLC	No Changes

Le-Ru Telephone Company	0002490472	Le-Ru Telephone Co.	No Changes
McDonald County Telephone Company	0002504058	McDonald County Telephone Co	No Changes
MCM Systems, LLC	0010662484	MCM Systems	No Changes
Mid-States Services, LLC	0018511303	Mid States Services, LLC.	No Changes
Midwest Data Center	0004362505	Subsidiary of Rock Port Telephone	No Changes
Rock Port Telephone Company	0004362505	Rock Port Cablevision	No Changes
Northeast Missouri Rural Telephone Company	0004337044	Northeast Missouri Rural Telephone Company	No Changes
Northwest Missouri Holdings, Inc.	0003733847	Oregon Farmers Mutual Telephone Company	No Changes
Peace Valley Telephone Company	0018539742	Peace Valley Telephone Co., Inc.	No Changes
Skycasters	0018756155	Skycasters	No Changes
TelAtlantic, Inc.	0004269528	Miller Telephone Company	No Changes
Townes Tele-Communications, Inc.	0004928792	Choctaw Telephone Company	No Changes
Townes Tele-Communications, Inc.	0004928750	MoKan Dial, Inc.	No Changes
United Sky Wireless	0016087876	United Services, Inc.	No Changes
Video Direct Satellite & Entertainment	0021009246	Video Direct	No Changes
WIFI Midwest, Inc.	0018247908	WIFI Midwest, Inc.	No Changes
Zayo Group Holdings Inc.	0016555849	Zayo Group, LLC	No Changes
Adams Networks, Inc.	0011616356	Adams Networks	NR - Marked as 'No Changes'
Bay's Internet	0018912576	Bay's Internet	NR - Marked as 'No Changes'
City Utilities of Springfield	0004759411	SpringNet	NR - Marked as 'No Changes'
Isotech	0014669097	KC Coyote	NR - Marked as 'No Changes'

Kingdom Telephone Company	0002212314	KTIS	NR - Marked as 'No Changes'
LTO Communications, LLC	0019008036	LTO Communications, LLC	NR - Marked as 'No Changes'
Mediacom Communications Corp.	0005184247	MCC Missouri LLC (Mediacom)	NR - Marked as 'No Changes'
MyChoice Network LLC	0000000000	MyChoice	NR - Marked as 'No Changes'
New Florence Telephone Company, Inc.	0004374047	New Florence Telephone Company, Inc.	NR - Marked as 'No Changes'
New Wave Communications	0001202938	New Wave Communications	NR - Marked as 'No Changes'
Missouri Wi-Fi LLC	0020235024	Missouri Wi-Fi	NR - Marked as 'No Changes'
Otelco Inc.	0002509040	Otelco Mid-Missouri LLC	NR - Marked as 'No Changes'
ProTronics Technologies, Inc.	0010790061	ProTronics Technologies, Inc.	NR - Marked as 'No Changes'
Radio Wire, Inc.	0018912626	Radio Wire, Inc.	NR - Marked as 'No Changes'
Seneca Telephone Company, Inc.	0004269775	Goodman Telephone Company, Inc.	NR - Marked as 'No Changes'
Seneca Telephone Company, Inc.	0004269817	Ozark Telephone Company	NR - Marked as 'No Changes'
Seneca Telephone Company, Inc.	0004269809	Seneca Telephone Company	NR - Marked as 'No Changes'
Socket Telecom, LLC	0008515595	Socket Telecom, LLC	NR - Marked as 'No Changes'
StarBand Communications Inc.	0005087457	StarBand Communications Inc.	NR - Marked as 'No Changes'
Steelville Telephone Exchange, Inc.	0002549665	Steelville Telephone Exchange Inc	NR - Marked as 'No Changes'
Wisper ISP Inc.	0016278970	Wisper ISP, Inc.	NR - Marked as 'No Changes'

CHANGES/CORRECTIONS

<u>Holding Company</u>	<u>FRN</u>	<u>DBA Name</u>	<u>Change Details</u>
Clearwire	0017775628	Clearwire	Acquired by Sprint - Submitted as Sprint now
Sprint Nextel Corporation	0003774593	Sprint	Acquired Clearwire and updated service boundary
Zito Media Communications	0000000000	Zito Media	Acquired Windjammer in Missouri
Ozark Computers	0018658179	Ozark Computers	BH Capacity and speed updates
Google Fiber Inc.	0022069793	Google fiber	Census block list submitted
Windstream Corporation	0004965992	Windstream Missouri, Inc.	Corrected served area information received - smaller service area
Mark Twain Rural Telephone Company	0002531879	Mark Twain Communications Company	DSL and Wireless speed updates
Mark Twain Rural Telephone Company	0002549228	Mark Twain Rural Telephone Co	DSL speed updates
Chariton Valley Telephone Corp.	0002549392	Chariton Valley Telephone Corp.	DSL Speed Upgrades
Grand River Mutual Telephone Corporation	0002505519	Grand River Mutual Telephone Corp.	Fiber service area and speed updates received
Farber Telephone Company	0003748043	Farber Telephone Company	Fiber speeds increased
Cellco Partnership	0003290673	Verizon Wireless	New Boundary Shapefiles Received
Charter Communications	0017179383	Charter Communications, Inc.	New Census Block List Received
YHTI, Inc.	0014205504	YHTI	New Ethernet offering and speed updates
BlueBird Media, LLC.	0018995944	BlueBird Network, LLC.	New list of MM locations
U-Link Solutions	0020090627	U-Link Solutions	New MM Locations and speed upgrades
tw telecom of kansas city, LLC.	0017348061	tw telecom	New served census block list received
Total Highspeed Internet Service	0017633405	Total Highspeed Internet Service	New service area boundary received
Cogent Communications, Inc.	0019898303	Cogent Communications, Inc.	New Service Area Information Received
Co-Mo Comm, Inc.	0021854278	Co-Mo Connect	New Service Area Information Received
Computers & Tele-Comm, Inc.	0017137431	CTC Wireless Internet	New Service Area Information Received
T-Mobile USA, Inc.	0006945950	T-Mobile	New Service Area Information Received

FairPoint Communications Missouri, Inc.	0014710388	FairPoint Communications, Inc.	New Service Area Information Received
Fairpoint Kearney	0004969697	FairPoint Communications, Inc.	New Service Area Information Received
Leap Wireless International, Inc.	0002963528	Cricket Communications, Inc.	New Service Area Information Received
AT&T Communications of Texas, Inc.	0016657918	AT&T Southwest	New Service Area Received
AT&T Mobility, LLC.	0004979233	AT&T Mobility, LLC.	New Service Area Received
Time Warner Cable, LLC.	0007556251	Time Warner Cable	New service area shapefile received
Cebridge Acquisition, LP	0014367650	Suddenlink Communications	New serviced census block list submitted
Friendship Cable of Arkansas, Inc.	0004999025	Suddenlink Communications	New serviced census block list submitted
NPG Cable, Inc.	0200399200	Suddenlink Communications	New serviced census block list submitted
CenturyTel, Inc.	0018626853	CenturyLink	New serviced census block list submitted
Comcast Cable Communications, LLC	0004441663	Comcast	New serviced census block list submitted
MegaPath Holding Corporation	0003753787	MegaPath Corporation	New serviced census block list submitted
ALSAT Home Electronics, LLC	0021067509	Alsat Wireless	New Tower
Big River Telephone Company, LLC	0018520320	Big River Telephone, LLC	New Tower
Green Hills Area Cellular Telephone Company, Inc.	0003736253	Green Hills Telecommunications Services	Service Area Corrections made per provider review
Green Hills Communications Inc.	0003736246	Green Hills Technologies	Service Area Corrections made per provider review
IAMO Telephone Company	0014067565	IAMO Telephone Company	Service area replaced with Fiber
CableAmerica	0015466766	Cable America Missouri, LLC	Service Area Speed Updates
ViaSat, Inc.	0007843766	ViaSat Communications, Inc.	Service Area Speed Updates
BPS Networks	0016026965	BPS Networks	Speed Updates
Poplar Bluff Municipal Utilities and City Cable	0002514529	Poplar Bluff, City of	Speed Updates

Northwest Missouri Cellular Limited Partnership	0002534618	Northwest Missouri Cellular	Updated 4G coverage
New London Telephone Company	0002529733	TDS Telecom	Updated customer list received
Orchard Farm Telephone Company	0003767340	TDS Telecom	Updated customer list received
The Stoutland Telephone Company	0002502243	TDS Telecom	Updated customer list received
Craw-Kan Telephone Cooperative, Inc.	0002334225	Craw-Kan Telephone	Updated Fiber served area information and speeds
Lathrop Telephone Company	0003737376	Lathrop Telephone Company	Updated Fiber served area information and speeds
Sho-Me Technologies, LLC	0008875890	Sho-Me Technologies	Updated MM locations
Level 3 Communications, LLC	0003723822	Level 3 Communications, LLC	Updated served address information received
Ralls Technologies, LLC	0018539916	Ralls Technologies	Updated service area information received
United States Cellular Corporation	0004372322	U.S. Cellular	Updated service area information received
Brown Dog Networks	0009254095	Brown Dog Networks	Updated tower list and speeds at specific towers - Removed towers.

PROCESSING NOTES

†† Fidelity Communications Company (FRN: 0002550309) reported three (03) census block records of TRANSTECH 10 at SPEED TIER 02, which draw a FIELDCHECK: FAILED from the Error Script. Rather than deleting these census blocks from the database, the SPEED TIER values were edited to SPEED TIER 03. This change was made based on the surrounding census block records from THE SAME provider, all of which reported SPEED TIER values of AT LEAST SPEED TIER 03. The Missouri Broadband team believes this to be a reasonable and fair alteration to the provider data. This IS NOT the same process was used in Missouri’s previous submission and, as such, is the cause of a three (03) census block increase to the total records from Fidelity Communications Company between submissions. The exact census blocks changed are 2011, 2015, and 2028.

NEW PROVIDERS

<u>Holding Company</u>	<u>FRN</u>	<u>DBA Name</u>	<u>Change Details</u>
Blue Mule Wireless	0023291297	Blue Mule Wireless	New Provider
City of Marshall	0002487908	Marshall Municipal Utilities	New Provider
Invisalink Wireless Missouri, Inc.	0021350251	Invisa Link	New Provider
Lexar Solutions, Inc	0020217709	Lexar Solutions, Inc	New Provider
SGO-Leasing	0018914366	Rural iNet	New Provider
STL WIMAX	0023311285	STL WIMAX	New Provider
Wave Internet Technologies LLC	0018678110	Wave Internet Technologies LLC	New Provider
Charles T Reed	0000000000	Thunderbolt Broadband Co.	New Provider
Valnet	0020841573	Valnet	New Provider
Windstream Corporation	0019527837	Windstream Iowa Communications, Inc.	New Provider
Wyerless, LLC	0018150599	Wyerless, LLC	New Provider



Changes and Corrections

SBDD December 2013 Data
April 2014 Submission

Mississippi Broadband Data Changes and Corrections

Coverage Area Changes:

- Coverage Footprint Expansion:
 - BellSouth Telecommunications, Inc., DBA AT&T Mississippi, has new TT10 & TT50 footprints from census block lists that refine their coverage and show an increase in coverage for TT50
 - AT&T Mobility LLC sent new TT80 footprint shapefile that refines and expands their coverage
 - CenturyTel, Inc., DBA CenturyLink, has new TT10 footprint from census block list that refines and expands their coverage
 - Charter Communications Inc. has new TT41 footprint from census block list that refines and expands their coverage
 - Comcast Cable Communications, LLC has new TT40 footprint from census block list that refines and expands their coverage
 - C Spire Wireless sent new TT80 LTE & EVDO footprints that refine and expand their coverage, as well as adding new CDMA coverage area
 - Level 3 Communications, LLC has new TT50 footprint from address table that refines and expands their coverage
 - MegaPath Corporation has new TT30 footprint from census block list that refines and expands their coverage
 - Smithville Telephone Company, Inc sent new TT50 footprint shapefiles that expand their coverage, where they only had TT10 before
 - Southern Light, LLC has manually increased the coverage area to their TT50 footprint
 - Sprint Nextel Corporation sent new TT80 footprint shapefiles that refine and expand their coverage
 - Cebridge Acquisition, LP, DBA Suddenlink Communications, has new TT40 & TT41 footprints from census block lists that refine their coverage and show an increase in coverage for TT41
 - Calhoun City Telephone Company, Inc., DBA TDS Telecom, has new TT10 footprint from address table that refines and expands their coverage
 - Myrtle Telephone Company, Inc., DBA TDS Telecom, has new TT10 footprint from address table that refines and expands their coverage
 - Southeast Mississippi Telephone Company, Inc., DBA TDS Telecom, has new TT10 footprint from address table that refines and expands their coverage



Changes and Corrections

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- Bay Springs Telephone, DBA TEC, has new TT10 & TT50 footprints from lat/long table that refine their coverage and show an increase in coverage for TT50
- TEC of Jackson, Inc. has manually increased the coverage area to their TT10 footprint
- T-Mobile USA, Inc. sent new TT80 footprint shapefile that refines and expands their coverage
- TW Telecom of Mississippi LLC has new TT30 & TT50 footprints from address table that refine and greatly expand their TT50 coverage, as well as increase their TT30 coverage
- Verizon Wireless sent new TT80 footprint shapefile that refines and expands their coverage
- Zayo Group LLC has expanded their TT50 footprint from census block list

- Service Area Attribution Changes:
(Example: Speed, technology, name changes)
 - Decatur Telephone Co. Inc. has manually added new TT10 areas with increased Maximum Advertised Download and Upload speeds
 - Delta Telephone Co. Inc. has manually updated all of their TT10 Typical Download and Upload speeds
 - Dixie Net Communications, Inc. has manually increased their TT10 Maximum Advertised Download and Upload speeds, as well as increased all speeds in the Tippah area of their TT70 coverage
 - Georgetown Telephone Company Inc. has manually increased their TT10 Maximum Advertised Download and Upload speeds
 - MetroCast Communications of Mississippi, LLC has manually increased their TT40 Maximum Advertised Download and Upload speeds
 - Mobile Communications, LLC is a new TT70 provider that sent footprint
 - Bay Springs Telephone, DBA TEC, has increased their TT10 from lat/long table

Data Corrections:

- Coverage Footprint Reductions/Map Refinement:
 - BellSouth Telecommunications, Inc., DBA AT&T Mississippi, has new TT10 & TT50 footprints from census block lists that refine their coverage and show a decrease in coverage for TT10
 - Contact Network, Inc., DBA InLine, sent new TT50 footprint shapefile that refines and decreases their coverage area



Changes and Corrections

SBDD December 2013 Data

April 2014 Submission

- Cebridge Acquisition, LP, DBA Suddenlink Communications, has new TT40 & TT41 footprints from census block lists that refine their coverage and would have shown an increase in TT40, but had to remove areas below allowable speed domain
- Bay Springs Telephone, DBA TEC, has new TT10 & TT50 footprints from lat/long table that refine their coverage, where some TT10 areas were removed and others added, and the distance rings updated and corrected
- Windstream Mississippi LLC has new TT10 footprint from census block list that refines their coverage to show expansion in some places and a reduction in others, with additional speed tiers as well

Montana Broadband Data Changes and Corrections Report
December 31, 2013 Data (Spring 2014 Update)
3/25/2014

NOTES:

The Montana Broadband Mapping Program, within the State's Information Technology Services Division, collaborated with Tetra Tech, Inc., to develop a web-based application for creating and maintaining broadband availability data. The Broadband Editing Tool design lets non-technical staff update both spatial and attribute data through a web interface. The Broadband Editing Tool's functionality gives broadband providers fine-grained control over how their service areas are represented. Minor changes in processing the broadband data in the Broadband Editing Tool resulted in a slight modification to the number of census blocks and road segments, in addition to provider updates.

NTIA requested the SBI program increase the proportion of school CAI records with reported speed tiers. This prompted an effort to update the Montana K-12 schools anchor institutions and gather as much information as possible on technology type and advertised download/upload speeds. For this update, the Montana Office of Public Instruction staff directory of principals and superintendents was adopted as the authoritative list of all Montana K-12 schools, replacing the original list derived from multiple sources in the spring, 2010. OPI occasionally conducted inventories of broadband connectivity, asking schools if they had broadband or dial-up connections, documenting that with a "yes or no" attribute. This was used to populate whether a school had broadband availability. The OPI inventory did not include the type of technology or the advertised speeds. Two primary methods were used to update the broadband connectivity information: email to all principals and superintendents directing them to an online survey and speed test, and direct calls to school officials to gather broadband details. This resulted in 504 of the 855 schools (approximately 59%) reporting upload and download speeds.

We received an email from NTIA on March 17, 2014 that implied a policy modification requiring SBI teams to achieve a one to one match of local data against the national NCES database and assign a NCES code to every CAI record in the NTIA submission. This request came too late in the process as we were completing our quality assurance testing on the processed data. We already attempt to do this whenever the schools in each list match or are unambiguous and can be matched based on identical or similar names. There still remain records in each database that are missing in one of the two independent sources and cannot be matched without detailed checks and responses from authoritative sources. Our current authoritative sources for Montana schools is the Montana Office of Public Instruction. We will submit the list of remaining schools that do not match to the MT OPI and to the NCES administrators to see if they can resolve any discrepancies and report on those in the fall 2014 NTIA update. Compounding this problem is the NCES data is documented at least two years older than the current OPI list we received.

DATA PACKAGE REVISION

We added a column to the Data Package Provider Table titled "Company Name" because several providers with multiple business entities use the same DBA.

PROVIDERS WITH THE SAME DBA:

- Antilles Wireless, LLC dba USA Companies, L.P.
- Cable Montana, LLC dba USA Companies, L.P.

- Blackfoot Communications, Inc. dba Blackfoot Telephone Cooperative, Inc.
- Blackfoot Telephone Cooperative, Inc. dba Blackfoot Telephone Cooperative, Inc.

- Central Montana Communications, Inc. dba Triangle Communications
- Triangle Communication Systems, Inc. dba Triangle Communications
- Triangle Telephone Cooperative Association, Inc. dba Triangle Communications

- Nemont Telephone Cooperative, Inc. dba Nemont Telephone Cooperative, Inc.

- Project Telephone Company dba Nemont Telephone Cooperative, Inc.

CHANGES

PROVIDER	NOTES
3 Rivers Telephone Cooperative, Inc	Worked with provider on Spring 2014 Update. <ul style="list-style-type: none"> • Contracted Asymmetric xDSL speed tier 3-3. • Expanded Asymmetric xDSL speed tier 6-3. • Expanded Optical Carrier/Fiber to the End User speed tier 9-5.
AT&T Mobility LLC	AT&T Mobility LLC will not provide data. <ul style="list-style-type: none"> • Expanded Terrestrial Mobile Wireless coverage for the Cellular Spectrum speed tier 5-4, based on the propagation model developed by Geodata Services, Inc. and data displayed on AT&T's public web site.
Cellco Partnership dba Verizon Wireless	Provider submitted shapefiles for Spring 2014 Update. <ul style="list-style-type: none"> • Expanded Terrestrial Mobile Wireless coverage for the Cellular spectrum speed tier 3-2. • Expanded Terrestrial Mobile Wireless coverage for the 700 MHz spectrum speed tier 7-5. • We used the Typical download speeds and the Typical upload speeds for 3-G and 4-G submitted by the provider.
Central Montana Communications, Inc. dba Triangle Communications	Worked with provider on Spring 2014 Update. <ul style="list-style-type: none"> • Removed Asymmetric xDSL speed tier 3-2. • Contracted Asymmetric xDSL speed tier 4-3. • Contracted Asymmetric xDSL speed tier 5-3. • Expanded Asymmetric xDSL speed tier 7-4. • Added Asymmetric xDSL speed tier 9-7 (NEW SPEED). • Increased speed for Optical Carrier/Fiber to the End User from speed tier 9-7 to speed tier 10-9 (NEW SPEED).
CenturyTel, Inc. CenturyLink	Provider submitted Census Block and Road Segment shapefiles for Spring 2014 Update. <ul style="list-style-type: none"> • Contracted Asymmetric xDSL speed tier 4-2. • Contracted Asymmetric xDSL speed tier 4-3. • Contracted Asymmetric xDSL speed tier 5-2. • Expanded Asymmetric xDSL speed tier 5-3. • Contracted Asymmetric xDSL speed tier 6-2. • Contracted Asymmetric xDSL speed tier 6-3. • Expanded Asymmetric xDSL speed tier 7-3. • Expanded Asymmetric xDSL speed tier 7-4. • Expanded Asymmetric xDSL speed tier 8-5. • Expanded Asymmetric xDSL speed tier 8-7. • We removed duplicate census blocks, duplicate road segments, and road segments in census blocks less than 2 square miles.
Charter Communications Inc. dba Bresnan Communications	Provider submitted Census Block and Road Segment shapefiles for Spring 2014 Update. <ul style="list-style-type: none"> • The data was exactly the same as the data submitted for the Fall 2013 Update.
Citizens Telecommunications Company	Worked with provider on Spring 2014 Update.

of Montana	<ul style="list-style-type: none"> • Added Asymmetric xDSL speed tier 4-2 (NEW SPEED). • Contracted Asymmetric xDSL speed tier 5-2. • Added Asymmetric xDSL speed tier 6-2 (NEW SPEED). • Added Asymmetric xDSL speed tier 7-4 (NEW SPEED). • Added Asymmetric xDSL speed tier 8-5 (NEW SPEED). • Added Middle Mile points.
Cybernet1, Inc.	<p>Worked with provider on Spring 2014 Update.</p> <ul style="list-style-type: none"> • Expanded Terrestrial Fixed Wireless and changed Terrestrial Fixed Wireless-Licensed coverage for the SMR spectrum speed tier 6-5 to Terrestrial Fixed Wireless-Unlicensed coverage speed tier 6-5 (NEW TOT).
Hot Springs Telephone Company	<p>Worked with provider on Spring 2014 Update.</p> <ul style="list-style-type: none"> • Added Asymmetric xDSL speed tier 3-2 (NEW SPEED). • Removed Asymmetric xDSL speed tier 4-2. • Added Asymmetric xDSL speed tier 6-3 (NEW SPEED). • Added Terrestrial Fixed Wireless—Licensed coverage for the WCS spectrum speed tier 4-3 (NEW TRANSTECH). • Added Middle Mile points.
Level 3 Communications	<p>NEW PROVIDER. Provider submitted addresses for the Spring 2014 Update.</p> <ul style="list-style-type: none"> • Added Optical Carrier/Fiber to the End User speed tier 11-11 (NEW TRANSTECH). • Added Middle Mile points.
Little Apple Technologies dba LAT Inc.	<p>Provider was a non-respondent for the Spring 2014 Update.</p> <ul style="list-style-type: none"> • Contracted Terrestrial Fixed Wireless—Unlicensed coverage speed tier 4-4 using public data source.
Mid-Rivers Internet dba Mid-Rivers Telephone Cooperative, Inc.	<p>Worked with provider on Spring 2014 Update.</p> <ul style="list-style-type: none"> • Contracted Asymmetric xDSL speed tier 4-2. • Expanded Asymmetric xDSL speed tier 5-3. • Expanded Optical Carrier/Fiber to the End User speed tier 7-3. • Added Terrestrial Mobile Wireless coverage for the 700 MHz Spectrum speed tier 7-5 (NEW SPECTRUM).
Montana Internet Corporation	<p>Worked with provider on Spring 2014 Update.</p> <ul style="list-style-type: none"> • Expanded Terrestrial Fixed Wireless—Unlicensed coverage speed tier 5-4.
Nemont Telephone Cooperative, Inc.	<p>Worked with provider on Spring 2014 Update.</p> <ul style="list-style-type: none"> • Contracted Asymmetric xDSL speed tier 3-2. • Contracted Asymmetric xDSL speed tier 5-2. • Expanded Optical Carrier/Fiber to the End User speed tier 8-5.
Rocky Mountain Internet	<p>Provider was a non-respondent for the Spring 2014 Update.</p> <ul style="list-style-type: none"> • Increased speed for Terrestrial Fixed Wireless—Unlicensed coverage from speed tier 3-2 to speed tier 5-2 using public data sources. (NEW SPEED)
Speed Connect	<p>NEW PROVIDER. Worked with provider on Spring 2014 Update.</p> <ul style="list-style-type: none"> • Added Terrestrial Fixed Wireless—Licensed coverage for the Broadband Radio Service spectrum speed tier 7-4 (NEW

	TRANSTECH).
Triangle Communication Systems, Inc. dba Triangle Communication Systems	Worked with provider on Spring 2014 Update. <ul style="list-style-type: none"> Contracted Terrestrial Mobile Wireless coverage for the 700 MHz spectrum speed tier 3-2.
Triangle Telephone Cooperative Association, Inc.dba Triangle Communication Systems	Worked with provider on Spring 2014 Update. <ul style="list-style-type: none"> Expanded Asymmetric xDSL speed tier 3-2. Contracted Asymmetric xDSL speed tier 4-3. Contracted Asymmetric xDSL speed tier 5-3. Expanded Asymmetric xDSL speed tier 7-4. Added Asymmetric xDSL speed tier 9-7 (NEW SPEED). Removed Optical Carrier/Fiber to the End User speed tier 7-4. Contracted Optical Carrier/Fiber to the End User speed tier 9-7. Added Optical Carrier/Fiber to the End User speed tier 10-9 (NEW SPEED).
Western Montana CommunityTel	Worked with provider on Spring 2014 Update. <ul style="list-style-type: none"> Changed Terrestrial Fixed Wireless-Licensed coverage from the 700 MHz spectrum to the WCS spectrum and increased the speed from speed tier to 4-2 to speed tier 5-3 (NEW SPECTRUM AND NEW SPEED).

CORRECTIONS

PROVIDER	NOTES
NONE	

NC broadband

Broadband Data Changes and Corrections: December 31, 2013 Data

Data changes:

- @ Communications (a.k.a Cape Lookout Internet Services): This provider has discontinued operations since last round and was removed from the list.
- AT&T Mobility: This provider reports significant growth in LTE coverage.
- Charter Communications Inc: Provider continues to transition more of its service area from standard cable modem to Docsis 3.0.
- Interstar: This provider has been consolidated with a sister company and now operates as Starvision. This wireless broadband data is therefore now reported under the new provider name along with the wireline data Starvision was already reporting.
- Mediacom: This provider has sold all of its facilities in western North Carolina, reducing its reported address data record total by more than half, but still leaving a significant service area in the northeastern region of the state.
- Tri-County Telecom: This provider is converting their wireline network to FTTH, so records will reflect this in Transtech and speed fields.
- Wilkes Telecom: This provider is upgrading network routes from copper to fiber (in progress, reflected in data). When fiber is installed along the route and to the premises, the copper lines are being removed.

Data corrections:

- CenturyLink: This provider reduced the total number of street segments reported, due to a more conservative reporting of the service area, and data cleanup efforts.
- Ellerbe Telephone Company: This provider manages wireless broadband service within the boundaries of Montgomery County, in partnership with Electronics Service Co of Hamlet and on the same physical network. Therefore, this round the boundaries of the network coverage were split accordingly.
- USAT Corp: This provider was identified since last rounds and provided data on their services for the first time this spring. This is a hybrid technology organization, but is placed most appropriately in the wireless feature class as a mobile wireless reseller.

Please note that changes and corrections described here are intended to capture most major changes that will be apparent in the data delivery package, and are not comprehensive in terms of every change between this and the previous data collection.

**North Dakota Broadband Data Changes and Corrections Report
December 31, 2013 Data (Spring 2014 Update)
4/1/2014**

NOTES:

The North Dakota Broadband Mapping Project, within the State's Information Technology Services Division, collaborated with Tetra Tech, Inc., to develop a web-based application for creating and maintaining broadband availability data. The Broadband Editing Tool design lets non-technical staff update both spatial and attribute data through a web interface. The Broadband Editing Tool's functionality gives broadband providers fine-grained control over how their service areas are represented. Minor changes in processing the broadband data in the Broadband Editing Tool resulted in a slight modification to the number of census blocks and road segments, in addition to provider updates.

We received an email from NTIA on March 17, 2014 that implied a policy modification requiring SBI teams to achieve a one to one match of local data against the national NCES database and assign a NCES code to every CAI record in the NTIA submission. This request came too late in the process to be able to accomplish the verification and corrections for the spring, 2014 update. We were completing our quality assurance testing on the processed data when we received the request from NTIA. We have consistently looked up and assigned a NCES ID to every K-12 CAI that matches without ambiguity with the federal NCES source list. We have not systematically dealt with those schools on the ND list that do not appear in the federal lists, nor the more common occurrence where two schools in the NCES list correspond to one record in the North Dakota CAI database, (often an elementary and middle school in the same location sharing the same IT network). Typically there is one database entry for both schools in the circuit report maintained by ND DOI and by ND DPI, our authoritative lists. One of the main reasons these school pairs are not listed separately is that this is how North Dakota maintains the lists in both agencies, and for update and maintenance it has been more practical and desirable to maintain the list in the format they maintain it in. Compounding this problem is the NCES data is documented at least two years older than the current OPI list we received. The North Dakota state broadband coordinator is currently reviewing the options to respond to the request by NTIA during the fall 2014 NTIA update. Due to slight differences in school names and other issues of authentication, these will require considerable time on the local level in conjunction with the ND Dept of Administration and North Dakota Department of Public Instruction to make sure the list is complete and up to date, and it will require cooperation from NCES staff to confirm or check ambiguous records between the two lists to assure correct entries and isolate those that are different due to the lag in update cycles.

CHANGES

PROVIDER	NOTE
AT&T Mobility LLC	Provider submitted shapefiles for Spring 2014 Update. <ul style="list-style-type: none"> • Contracted Terrestrial Mobile Wireless coverage for the Cellular spectrum speed tier 4-3. • Expanded Terrestrial Mobile Wireless coverage for the Cellular spectrum speed tier 5-4. • Expanded Terrestrial Mobile Wireless coverage for the 700 MHz spectrum speed tier 7-5.
Bakken Wireless	Bakken Wireless was a non-respondent provider but we used data from towercoverage.com to update their wireless coverage for the Spring 2014 Update. <ul style="list-style-type: none"> • Expanded Terrestrial Fixed Wireless-Unlicensed coverage speed tier 3-2.
BEK Communications Cooperative	Worked with provider on Spring 2014 Update. <ul style="list-style-type: none"> • Expanded Optical Carrier/Fiber to the End User speed tier 10-7.
Cellco Partnership dba Verizon Wireless	Provider submitted shapefiles for Spring 2014 Update. <ul style="list-style-type: none"> • Expanded Terrestrial Mobile Wireless coverage for the Cellular spectrum speed

PROVIDER	NOTE
	<p>tier 3-2.</p> <ul style="list-style-type: none"> • Expanded Terrestrial Mobile Wireless coverage for the 700 MHz spectrum speed tier 7-5. • Added Terrestrial Mobile Wireless coverage for the AWS spectrum speed tier 7-5 (NEW SPECTRUM). • We used the Typical download speeds and the Typical upload speeds submitted by the provider.
CenturyTel, Inc. dba CenturyLink	<p>Provider submitted shapefiles for Spring 2014 Update.</p> <ul style="list-style-type: none"> • Contracted Asymmetric xDSL speed tier 4-3. • Contracted Asymmetric xDSL speed tier 5-2. • Contracted Asymmetric xDSL speed tier 5-3. • Expanded Asymmetric xDSL speed tier 6-3. • Expanded Asymmetric xDSL speed tier 7-3. • Expanded Asymmetric xDSL speed tier 8-5. • Expanded Asymmetric xDSL speed tier 8-7. • Expanded Optical Carrier/Fiber to the End User and reduced upload speed from speed tier 10-9 to speed tier 10-8. (NEW SPEED) • Removed duplicate road segments in provider submission.
Consolidated Telecom	<p>Worked with provider on Spring 2014 Update.</p> <ul style="list-style-type: none"> • Contracted Asymmetric xDSL speed tier 5-3. • Expanded Optical Carrier/Fiber to the End User speed tier 7-4.
Dakota Carrier Network	<p>Worked with DCN member companies on Spring 2014 Update. Dakota Carrier Network did not submit an update, but we updated their coverage based on the wired coverage of their 19 member companies. The Dakota Carrier Network coverage is cloned from each of the member companies plus DCN's own Optical Carrier/Fiber to the End User.</p> <ul style="list-style-type: none"> • Contracted Other Copper Wireline speed tier 5-5. • Expanded Optical Carrier/Fiber to the End User speed tier 11-11.
Dakota Central Telecommunications Cooperative	<p>Worked with provider on Spring 2014 Update.</p> <ul style="list-style-type: none"> • Changed Optical Carrier/Fiber to the End User speed from speed tier 7-3 to speed tier 10-10 (NEW SPEED). • Added Terrestrial Fixed Wireless-Licensed coverage for the 700 MHz spectrum speed tier 4-3 (NEW SPECTRUM). • Removed Terrestrial Fixed Wireless-Licensed coverage for the SMR spectrum speed tier 4-3. • Removed Terrestrial Fixed Wireless-Unlicensed coverage speed tier 4-3. • Added Middle Mile points from the provider.
Griggs County Telephone Company	<p>Worked with provider on Spring 2014 Update.</p> <ul style="list-style-type: none"> • Removed Asymmetric xDSL speed tier 4-2. • Contracted Asymmetric xDSL speed tier 6-3. • Expanded Optical Carrier/Fiber to the End User and increased speed from speed tier 7-4 to speed tier 11-11 (NEW SPEED).
Invisimax	<p>Worked with provider on Spring 2014 Update.</p> <ul style="list-style-type: none"> • Contracted Terrestrial Fixed Wireless-Unlicensed coverage speed tier 5-5 and removed speed tier 6-5 and speed tier 6-6.

PROVIDER	NOTE
Midcontinent Communications	Worked with provider on Spring 2014 Update. <ul style="list-style-type: none"> Expanded Cable Modem-DOCSIS speed tier 9-7.
North Dakota Telephone Company	Worked with provider on Spring 2014 Update. <ul style="list-style-type: none"> Contracted Asymmetric xDSL speed tier 3-3. Contracted Asymmetric xDSL speed tier 4-3. Contracted Asymmetric xDSL speed tier 7-3. Expanded Optical Carrier/Fiber to the End User speed tier 8-5.
Northwest Communications Cooperative, Inc.	Worked with provider on Spring 2014 Update. <ul style="list-style-type: none"> Contracted Asymmetric xDSL speed tier 3-2. Contracted Asymmetric xDSL speed tier 6-3. Added Other Copper Wireline speed tier 7-4 (NEW TRANSTECH). Expanded Optical Carrier/Fiber to the End User and increased download speed from speed tier 7-4 to speed tier 8-4 (NEW SPEED).
Red River Rural Telephone Association, Inc.	Worked with provider on Spring 2014 Update. <ul style="list-style-type: none"> Contracted Asymmetric xDSL speed tier 6-2. Expanded Optical Carrier/Fiber to the End User speed tier 9-5. Contracted Terrestrial Fixed Wireless-Unlicensed coverage speed tier 4-3.
Sprint Nextel Corporation dba Sprint	Provider submitted shapefiles for Spring 2014 Update. <ul style="list-style-type: none"> Added Terrestrial Mobile Wireless coverage for the PCS spectrum speed tier 6-4 (NEW SPEED).
SRT Communications, Inc	Worked with provider on Spring 2014 Update. <ul style="list-style-type: none"> Expanded Optical Carrier/Fiber to the End User speed tier 9-9.
Turtle Mountain Communications	Worked with provider on Spring 2014 Update. <ul style="list-style-type: none"> Expanded Optical Carrier/Fiber to the End User speed tier 8-8.
United Telephone Mutual Aid Corporation dba UTMA	Worked with provider on Spring 2014 Update. <ul style="list-style-type: none"> Expanded Optical Carrier/Fiber to the End User speed tier 8-8.
West River Telecommunications Cooperative	Worked with provider on Spring 2014 Update. <ul style="list-style-type: none"> Contracted Asymmetric xDSL (two speed tiers). Added Optical Carrier/Fiber to the End User speed tier 7-3 (NEW TRANSTECH).

CORRECTIONS

PROVIDER	NOTE
<i>NONE</i>	



Changes and Corrections

SBDD December 2013 Data
April 2014 Submission

Nebraska Broadband Data Changes and Corrections

Coverage Area Changes:

- Coverage Footprint Expansion:
 - Affordable Internet Solutions LLC has manually increased the coverage area to their TT70 footprint
 - AT&T Mobility LLC sent new TT80 footprint shapefile that refines and expands their coverage
 - Arapahoe Telephone Company, DBA ATC Communications, has manually expanded coverage to one area of their TT10 footprint
 - Arapahoe Telephone Company, DBA ATCJet.Net LLC, has manually expanded coverage to one area of their TT70 footprint
 - Pinpoint Wireless, DBA Blaze Wireless, has manually increased coverage to the southeastern area of their TT80 footprint
 - CenturyTel, Inc., DBA CenturyLink, has new TT50 footprint from census block list that expands their coverage, where they only had TT10 before, and refined TT10 footprint increasing this coverage area as well
 - Precision Technology, Inc., DBA Connecting Point, has new TT70 footprint from tower propagation that greatly expands on their coverage
 - Cozad Telephone Company has manually added an area to their TT50 footprint, expanding their coverage
 - Citizens Telecommunications Company Of Nebraska, DBA Frontier Communications of Nebraska, has increased coverage areas to their TT10 footprint with new lat/long list
 - Glenwood Telephone Membership Corp., DBA Glenwood Telephone has purchased KeyArt and therefor expanded their TT10 coverage area
 - Great Plains Communications, Inc. has manually increased coverage to their TT10 footprint, adding new areas and changing areas over from TT41
 - Nedelco Incorporated, DBA Hamilton.Net, Inc., sent new TT70 footprint shapefile that refines and expands their coverage
 - Hemingford Cooperative Telephone Company, DBA Mobius Communications Company, has manually added new TT50 footprint that expands their coverage, where they only had TT10 before



Changes and Corrections

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- Mobius Communications Company has manually added new area to their TT50 footprint, expanding their coverage
 - Nebraska Central Telephone Company has manually increased coverage to their TT50 footprint, adding new areas and changing over ones that were once TT10
 - NebraskaLink sent new TT50 footprint shapefile that refines and expands their coverage
 - Northeast Nebraska Telephone Company has manually increased coverage to their TT10 footprint, adding a new area to the southeast
 - Phillips County Telephone Co., DBA PC Telcom, has manually added new TT40 footprint that expands their coverage, where they only had TT70 before
 - Pierce Telecommunications, Inc., DBA Pierce Telephone Co, has manually increased coverage to their TT10 & TT20 footprints
 - Rural Telephone Service Company, Inc. has manually refined and slightly increased coverage to their TT50 footprint
 - Southeast Nebraska Communications has manually increased coverage to their TT50 footprint, replacing all TT10 with TT50
 - SpeedConnect LLC sent new TT71 footprint shapefile that refines and expands their coverage
 - Sprint Nextel Corporation sent new TT80 footprint shapefile that refines and minimally increases their coverage
 - Three River Telco has manually added areas to their TT50 footprint, expanding their coverage
 - Unite Private Networks, LLC sent new TT50 footprint shapefile that refines and greatly expands their coverage
 - Cellco Partnership, DBA Verizon Wireless, sent new TT80 footprint shapefile that refines and expands their coverage
 - Wauneta Telephone Company has manually added an area south of their TT50 footprint, expanding their coverage
- Service Area Attribution Changes:
(Example: Speed, technology, name changes)
 - Affordable Internet Solutions LLC has manually increased their TT70 Maximum & Typical Upload speeds to meet Download speeds
 - Newcastle Holdings, Inc., DBA Dalton Telecommunications Inc., has manually increased some of their TT10 areas Maximum Advertised Download & Typical Download speeds to meet higher speeds of others
 - Diller Telephone Company, DBA Diode Communications, has manually added new areas to their TT70 highest speeds available



Changes and Corrections

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- Fibercomm L.C. has manually increased their TT71 areas to all meet their highest speeds, and corrected the Maximum Advertised Upload speed to match the Typical Upload speed
- Glenwood Telephone Membership Corp., DBA Glenwood Telecommunications Inc, has manually decreased their TT70 Typical Upload speed, and increased their TT41 Maximum Advertised Download speed
- Nedelco Incorporated, DBA Hamilton.Net, Inc., has increased their TT70 Maximum Advertised Download & Typical Download speeds from table sent
- Nedelco Incorporated, DBA Hamilton Telephone Company, has increased their TT10 Typical Download speeds from table sent
- NebraskaLink has manually increased their TT50 Maximum Advertised Download and Upload speeds
- Pierce Telecommunications, Inc., DBA Pierce Telephone Co, has manually increased their TT10 Maximum Advertised Download and Upload speeds for some areas
- NE Colorado Cellular, Inc., DBA Viaero Wireless, is a new TT71 provider that sent shapefile

Data Corrections:

- Coverage Footprint Reductions/Map Refinement:
 - Action Communications Inc has manually refined and decreased their TT70 footprint by removing a western portion of coverage
 - Golden West Telecommunications Cooperative, Inc. has manually refined their TT50 coverage area, removing some areas while increasing others
 - Great Plains Communications, Inc. has manually refined their TT41 coverage by changing one area to TT10 and then another back from TT10 to TT41
 - Hartington Telecommunications Co., Inc., DBA Hartelco, has manually removed all of their TT10 area and refined and expanded their TT50 footprint to cover whole exchange boundary
 - Hershey Cooperative Telephone Co. has refined their TT10 coverage area from address table, removing some areas while increasing others
 - Level 3 Communications, LLC has refined their TT50 footprint from address table, showing decreases in coverage in some places with increases in others, and accept this as they cannot acquire a complete address list.



Changes and Corrections

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- Hemingford Cooperative Telephone Company, DBA Mobius Communications Company, has manually refined and decreased their TT10 footprint, changing areas to new TT50 coverage
- Nebraska Central Telephone Company has manually refined their TT10 footprint, removing some areas, adding others, changing some areas from TT10 to TT50 and filling in gaps with TT10
- Northeast Nebraska Telephone Company has manually decreased coverage to their TT50 footprint, removing many areas
- Oneeighty Networks, DBA Orbitcom, Inc., has had to have TT10 areas removed due to low speeds outside of allowable domain
- Phillips Region Telephone Co., DBA PC Telcom, has manually refined and decreased their TT70 footprint
- Peetz Cooperative Telephone Company, DBA Peetz Communications, LLC has manually refined their coverage by removing their TT50 footprint
- Pierce Telecommunications, Inc., DBA Pierce Telephone Co, has manually refined and decreased coverage to their TT10, removing and adding area, & TT20 footprints
- Southeast Nebraska Communications has manually refined their coverage by removing their TT10 footprint, replacing all TT10 with TT50
- Windstream Nebraska, Inc. has refined and decreased their TT10 footprint from census block list



UNIVERSITY of NEW HAMPSHIRE

New Hampshire Broadband Mapping and Planning Program University of New Hampshire Data Changes and Corrections April 2014 Data Submission

Changes:

- **Argent Communications** – two changes are reported:
 - 1) previously submitted only wireless data as we were unable to confirm whether they continued to offer wireline service. Received confirmation of wireline service from provider as well as through verification activities.
 - 2) Confirmed increase in download and upload speed tier from previous rounds.
- **Bretton Woods Communications** – provider identified in previous rounds as BTOP recipient, but had not activated service. Recently started offering service to customers.
- **Clear & ClearWire** – merged with Sprint.
- **Comcast** – the reduction in road segments being reported is a result of a modified geocoding protocol.

October, 2013	Transtech 40	8,337 road segments
April, 2014	Transtech 40	5,908 road segments

- **NEE Connections, LLC.** - identified as a new fixed-wireless provider offering service. Failed to receive full complement of data required to process coverage for submission.
- **TDS** – previously submitted addresses and the geocoding was done by NHBMP. In this round, they submitted address points (with coordinates). The new data yielded a reduction in the coverage footprint from that reported in the past round.

October, 2013	Transtech 10	3,504 road segments
April, 2014	Transtech 10	2,333 road segments

October, 2013	Transtech 50	1,032 road segments
April, 2014	Transtech 50	849 road segments

New providers

	FRN	DBA name	Description
1	0018602458	Access One, Inc.	411 new census blocks
2	0017625567	Light Tower Fiber LLC	127 new census blocks
3	0015287972	Meriplex Communications, Ltd.	4 new census blocks

Providers that submit new data and have significant changes on the data

	FRN	DBA name	Description
1	0004979233	AT&T Mobility LLC	80% coverage increase on LTE coverage
2	0003735909	CABLEVISION	23 (0.03%) more census blocks, 19 (1.5%) less road segments
3	0018626853	CenturyLink	24 (0.3%) less census blocks and 12 (0.6%) more road segments
4	0019898303	Cogent Communications, Inc.	3 (18.8%) more census blocks
5	0004441663	Comcast	123 (0.16%) more census blocks and 1927 (61%) less road segments due to changes on processing logic. Refer to the provider data report for details.
6	0003723822	Level 3 Communications, LLC	249 (22%) more census blocks and 1 (1.3%) more middle mile
7	0004496774	LIGHTPATH	490 (39%) more census blocks and 226 (105%) more road segments
8	0003753787	MegaPath Corporation	7,511 (3.8%) more census blocks, 9 (1.4%) more road segments, and 1 (20%) more middle mile
9	0004325205	Monmouth Telephone & Telegraph	12 (1.7%) less census blocks
10	0003760014	Service Electric Cable TV of Hunterdon, Inc.	maxaddown is changed from 10 to 9, based on provider's input
11	0022117618	Sprint	FRN is changed from 0003774593 to 0022117618. Provider name is changed from "Sprint Nextel Corporation" to "Sprint Corporation". 2 small new layers of higher max ad down and up speed for spectrum 3 and 5 are added. Coverage is expanded to the northwest area of New Jersey.
12	0006945950	T-Mobile	50% coverage increase on U1900 and 39% coverage increase on LTE
13	0004351409	tw telecom of new jersey	24 (500%) more census blocks.
14	0012254363	Verizon	1219 (0.8%) more census blocks and 23 (1.3%) more road segments

15	0003290673	Verizon Wireless	Add a new AWS coverage in addition to CDMA and LTE coverage
16	0004963088	ViaSat, Inc.	Merging the 2 layers to the higher speed layer
17	0006831713	Xchange Telecom	1203 (119%) more census blocks
18	0016555849	Zayo Group, LLC	10 (32%) more census blocks

Providers that submit new data and have little changes on the data.

	FRN	DBA name	Description
1	0004496774	AT&T Corp, Inc.	Same middle mile record
2	0013430244	Time Warner Cable	Same number of census blocks

Providers that do not submit data and the previous data are resubmitted

	FRN	DBA name	Description
1	0002963528	Cricket Communications, Inc.	
2	0011543782	Duxpond Communications	
3	0006797849	Fibertech	
4	0011437746	GOES Telecom	
5	0017434911	HughesNet	
6	0005043195	NetCarrier Telecom, Inc.	
7	0004965141	Network Billing Systems LLC	
8	0005007125	Service Electric Broadband Cable	
9	0018756155	Skycasters, LLC	
10	0005087457	StarBand	
11	0006651244	Warwick Online	
12	0006275945	XOCSI	

Dropout providers

	FRN	DBA name	Description
1	0018898650	Appia Communications, Inc.	Not received new information since 2011. Appia has not responded our requests.
2	0017775628	Clearwire Corporation	Clearwire merger with Sprint is complete. Clearwire resources (2.5 GHz) is covered in Sprint package.

CAI Process changes

	Title	Description
1	New Data Sources	Included information from the following new data sources <ul style="list-style-type: none"> • Extract from New Jersey Department of Education NJTRAx database of school broadband capabilities • State Library Association Survey Received updated information from the following sources: <ul style="list-style-type: none"> • Jersey Connect(Libraries) • USAC E-Rate applications (Libraries) • NJEdge (Universities)
2	Enhanced Validations	Additional validations to improve data quality <ul style="list-style-type: none"> • Minimum speed tiers based on technology • Remove care-of addresses in address field prior to geo-coding • Remove "P.O. Box" (and its variants) from address field
	Targeted Manual Data Validation	Identified a limited number of records that would benefit from manual checking <ul style="list-style-type: none"> • Validated/corrected addresses of sites that fell out of automated geo-coding process. • Verified existence of schools that did not have CAI IDs.
	Aligned data with NTIA-provided school list	Matched many schools but not all. Categorized mismatches and verified correctness of our addresses.

CAI Results

There was an increase in both the total number of records and the number of complete records that have broadband information across most CAI categories. There were substantial increases in some categories, as shown in bold below.

CAI Category	Fall 2013		Spring 2014	
	Complete	Total	Complete	Total
K-12 Schools	2188	3745	2657	3921
Libraries	190	468	227	468
Medical	3	9264	4	10146
Public Safety	56	337	69	374
University	42	169	40	168
Government	1683	1692	1692	1696
NGO	6	8	8	8

Broadband Data Changes and Corrections

December 31, 2013 Data Currency / April 1, 2014 NTIA Submittal

There is a decrease in the number of Census Blocks and Road Segments provided for this submittal compared to the last data submittal. These changes in the Census Blocks (mostly in Windstream) and Road Segments (mostly in CenturyLink and Comcast) are due to the changes in the data provided by the Internet Service Providers (ISPs) and the process steps. There is an increase in the wireless polygons due to the spectrum changes and addition of new services by ISPs. Also there is an increase in the number of Middle mile connection points. For complete information on the process steps, please refer to the Methodology document.

CAI Data: The speeds listed in the database are collected through various sources such as the NMBB Speed Test tool, PED speed data, and ISP speed data. It has been difficult to obtain the subscription data (speeds and transmission technology) from the CAIs directly; hence NMBB used the data from speed tests to update the NTIA database. Due to this, the speeds for most of the institutions are lower than recommended for their technology of transmission. The NMBB Program is working with NM PED to determine the confidence levels of the speed-test and technology data; as of yet, PED has made no methods available.

No.	Internet Service Provider Name	Changes & Corrections
1.	Agave Broadband, LLC	ISP non-responsive for Round 9. No changes.
2.	AT&T Corp, Inc.	No changes in the data.
3.	AT&T Mobility LLC	No significant changes to the data.
4.	Baca Valley Telephone Company	9 Census Blocks added and 1 Road Segment deleted due to the change in subscriber locations data provided by the ISP.
5.	Cable One, Inc.	ISP non-responsive for Round 9. No changes.
6.	Cebridge Acquisition , L.P. (Suddenlink Communications)	59 Census Blocks added due to the change in subscriber locations data provided by the ISP.
7.	Century Link, Inc.	ISP submitted the Provider Name as CenturyTel, Inc. But using the FCC FRN Tool, grantee identified the provider name as CenturyLink, Inc. and grantee renamed it to CenturyLink, Inc. 173 Census Blocks were added. There is a difference of 1563 Road Segments compared to Round 8 due to changes in the data provided. Also, the ISP provided data with a significant amount of overlapped duplicate road segments. Data were processed to remove those duplicates and other irregularities.
8.	Cellco Partnership (Verizon Wireless)	Significant increase in 4G coverage across the state. Added a record with new spectrum.
9.	CityLink Fiber Holdings, LLC	ISP non-responsive for Round 9. No changes.

10.	CityLink Telecommunications NM, LLC	ISP non-responsive for Round 9. No changes.
11.	CNSP Internet	Non-responsive for Round 8. No changes
12.	Comcast Cable Communications LLC	56 new Census Blocks are added. There is a difference of 2075 Road Segments compared to Round 8 due to the changes in the data provided and data processing. For Round 8 NMBB Program submitted all roads within the Census Blocks in their coverage area, due to uncertainty. For Round 9 NMBB program was able to reduce the uncertainty using different processing steps (refer to methodology).
13.	Copper Valley Telephone, Inc. (Valley Telecom Group)	No changes in the data.
14.	Cyber Mesa Computer Systems, Inc.	Not interested in participation. Data included are from Round 2. No changes.
15.	Dell Telephone Cooperative, Inc.	No changes in the data.
16.	E.N.M.R Telephone Cooperative	No changes in the data.
17.	Higher Speed Internet, LLC	Changes to the coverage area. ISP provided data for Round 9.
18.	Hughes Network Systems	No changes in the data.
19.	Key Communications (Southwestern Wireless)	No changes in the data.
20.	Kit Carson Electric	No changes in the data.
21.	La Canada Wireless Association	Increase in coverage area due to changes in the data provided.
22.	La Jicarita Rural Telephone Cooperative	3 Census Blocks are added. Added Fixed Wireless coverage.
23.	Leaco Rural Telephone Cooperative, Inc.	ISP non-responsive since Round 3. Data are from Round 2. No changes.
24.	Leap Wireless International, Inc. (Cricket)	No changes in the data.
25.	Level 3 Communications, LLC	51 Census Blocks and 24 Road Segments are deleted due to changes in the data provided by the ISP.
26.	Lobo Internet Services, LTD.	Non-responsive for Round 9. No changes.
27.	MegaPath Corporation	Increase in 1640 Census Blocks and Decrease in 577 Road Segments due to the changes in the data provided by the ISP.
28.	Mescalero Apache Telecom, Inc.	Non-responsive for Round 9. No changes.
29.	Navajo Communications Company (Frontier Navajo Communications)	54 new Census Blocks are added due to new CO/RT locations.
30.	Panhandle Telephone Cooperative, Inc.	ISP not a broadband provider due to the low internet speeds. Only Middle-mile connection points are included in the data submittal.
31.	Penasco Valley Telephone Cooperative, Inc.	No changes in the data.

32.	Plateau Telecommunications, Inc.	146 Census Blocks and 41 Road Segments were added due to new Fiber service areas. Added Mobile Wireless coverage.
33.	PVT Networks, Inc.	No changes in the data.
34.	Roosevelt County Rural Telephone Cooperative, Inc. (Yucca Telecom)	4 Census Blocks, 5 Road Segments and 4 Middle mile points are added due to the changes in the data provided by the ISP. Also wireless (point-to-point) coverage is included.
35.	Sacred Wind Communications, Inc.	6 Census Blocks are deleted after validation. Increased fixed wireless coverage area.
36.	Sierra Communications (a subsidiary of Baca Valley Telephone)	2 Road Segments deleted are due to the change in data provided by the ISP.
37.	Sprint Nextel Corporation	Included data provided by the ISP.
38.	Starband Communications, Inc.	No changes in the data.
39.	T-Mobile USA, Inc.	Included data provided by the ISP. Two Middle mile points are deleted based on data provided by ISP.
40.	TDS BAJA BROADBAND, LLC	373 Census Blocks and 6 Road Segments are deleted due to changes in the data provided by the ISP.
41.	Time Warner Cable LLC	No changes in the data.
42.	Transworld Network, Corp	Included data provided by the ISP.
43.	Tularosa Basin Telephone Company, Inc.	ISP indicated no changes to the data from Round 6.
44.	TW Telecom of New Mexico, LLC	3 Census Blocks and 7 Road Segments are deleted due to the changes in data provided by the ISP.
45.	Valley Telephone Cooperative, Inc. (Valley Telecom Group)	50 Road Segments are deleted due to changes in data provided by the ISP.
46.	Valor Telecommunications of New Mexico LLC (Windstream Communications)	For Round 9, ISP provided a new data package along with changes to Provider name and FRN, replacing the previous data. With new data there is a decrease of 4585 Census Blocks and 642 Road Segments, compared to Round 8.
47.	ViaSat, Inc.	Changes in the coverage area as provided reached the maximum capacity.
48.	VSAT Systems, LLC (Skycasters)	No changes in the data.
49.	Western New Mexico Telephone Company, Inc.	77 new Census Blocks were added due to changes in the ISP data.
50.	Yucca Telecommunications Systems, Inc. (Yucca Telecom)	14 Census Blocks deleted due to changes in the IDP data. Wireless (point-to-point) coverage is included.
51.	Zayo Group	No changes in the data.



CHANGES AND CORRECTIONS FOR APRIL 2014

MERGERS AND ACQUISITIONS

Throughout the course of the SBI program, CN has maintained a repository of electronic records related to its provider outreach activities. Due to the high volume of mergers and acquisitions (M&A) within the provider community, CN continues to maintain a listing of M&A activities as a way of supplementing the Provider Changes and Corrections. M&A activities for this submission period for the state of Nevada are listed below with a brief description and date as obtained through public records or provider disclosure.

On July 9, 2013, Sprint completed the transaction to acquire 100% ownership of Clearwire. The data previously represented by Clearwire is now being represented under the Sprint name and the formerly operated Fixed Wireless services are no longer represented as the spectrum is being reallocated in the Sprint network.

On October 7, 2013, Birch Communications completed the acquisition of Lightyear Network Solutions, Inc. Lightyear operated as a non-facilities based general reseller of services offered by broadband providers. While data has not been provided during past mapping submissions, Connected Nation will continue to call on Birch Communications and invite it to consider participation and the advantage of contributing to the state's broadband mapping program.

DATASET CHANGES

As requested by the SBI Program Office, a listing of the changes and/or corrections to the datasets between the October 2013 and April 2014 submissions is included in this narrative. This information is presented in this section as well as in the Broadband Provider Log. Changes to the data include expansion of service area(s), activation of new wireless towers, and upgrades to the network to provide higher download speeds to consumers. Corrections to the dataset include the addition of previously existing providers whose coverage has never been submitted, revision of coverage or speed information that was incorrect, and any other items that were misrepresented in the October 2013 dataset.

Provider Name	Technology Type	Changes and Correction Notes	Change in Census Blocks
Arizona Nevada Tower Corporation	Fixed Wireless (Residential)	Changes and corrections: ANTC added a tower and lowered their residential max download speed tier to tier 5.	N/A
Arizona Nevada Tower Corporation	Fixed Wireless (Business)	Change: Provider now offers business service with different speeds than residential.	N/A
AT&T Inc.	DSL	Changes and/or Corrections: Possible service expansion or corrections to previous dataset; entirely new dataset provided for APR 2014 submission.	-35
AT&T Inc.	Mobile Wireless	Changes and/or Corrections: Possible service expansion or corrections to previous dataset; entirely new dataset provided for April 2014 submission.	N/A
Atlantic Tele-Network, Inc.	Mobile Wireless	Change provider now offers speed tier 4 maximum download.	N/A
CalNeva Broadband, LLC	Cable	Change: Provider expanded coverage area.	42
CenturyTel, Inc.	DSL	Changes and/or Corrections: Possible service expansion or corrections to previous dataset; entirely new dataset provided for APR 2014 submission.	112
Charter Communications, Inc.	Cable	Changes and/or Corrections: Possible service expansion or corrections to previous dataset; entirely new dataset provided for APR 2014 submission.	-4
Clearwire Corporation	Fixed Wireless	Change: Clearwire was acquired by Sprint.	N/A

Clearwire Corporation	Mobile Wireless	Change: Clearwire was acquired by Sprint.	N/A
ETAN Industries	Cable	Change: Provider now offers business coverage. Area and speeds are the same as residential.	0
Frontier Communications Corporation	DSL	Change and Correction: Provider expanded coverage area and a small coverage area was removed through analysis.	-1
Great Basin Internet Services, Inc.	Fixed Wireless	Change: Provider only offers residential service.	N/A
Hot Spot Broadband, Inc.	Fixed Wireless	Change: Provider now offers both residential and business coverage.	N/A
Jab Wireless, Inc.	Fixed Wireless	Change: Provider now offers business coverage, same as residential.	N/A
LasVegas.Net LLC	Fixed Wireless	Change: provider expanded coverage area.	N/A
Level 3 Communications, Inc.	Fiber	Changes and/or Corrections: Possible service expansion or corrections to previous dataset; entirely new dataset provided for October 2013 submission.	7
MegaPath Corporation	DSL	Changes and/or Corrections: Possible service expansion or corrections to previous dataset; entirely new dataset provided for October 2013 submission.	-5
Moapa Valley Telephone	DSL	Change: Provider increased maximum download speeds to tier 9 in additional areas.	-1
Moapa Valley Telephone	Fiber	Change: Provider expanded coverage area and now offers a speed tier 9 max download.	4
Mojave Development, LLC	Fixed Wireless	Correction: Provider supplying data for the first time, but was previously in service.	N/A

Mosaic NetworX	DSL	It was determined that this is not a viable provider and was removed from the outreach list.	0
Northern Nevada High Speed	Fixed Wireless	Change: Provider supplying data for the first time.	N/A
Oasis Online, Inc.	Fixed Wireless	Change: Provider now offers business coverage. Coverage and speeds the same as residential.	N/A
Schatnet Internet LLC	Fixed Wireless	Change: Provider now offers business coverage. Coverage and speeds the same as residential.	N/A
SMS Computing, Inc.	Fixed Wireless	Change: Provider now offers speed tier 7 maximum advertised download speed.	N/A
Sprint Nextel Corporation	Mobile Wireless	Changes and/or Corrections: Possible service expansion or corrections to previous dataset; entirely new dataset provided for April 2014 submission	N/A
T-Mobile USA, Inc.	Mobile Wireless	Changes and/or Corrections: Possible service expansion or corrections to previous dataset; entirely new dataset provided for April 2014 submission.	N/A
tw telecom of nevada, llc	DSL	Changes and/or Corrections: Entirely new dataset submitted for the April 2014 submission.	-4
tw telecom of nevada, llc	Fiber	Changes and/or Corrections: Entirely new dataset submitted for the April 2014 submission, possible coverage expansion.	8
Verizon Communications, Inc.	Mobile Wireless	Changes and/or Corrections: Possible service expansion or corrections to previous dataset; entirely new dataset provided for April 2014 submission.	N/A
ViaSat, Inc.	Satellite	Changes and/or Corrections: Possible service expansion or corrections to previous dataset; entirely new dataset provided for April 2014 submission	N/A

WaveDirect Telecommunications, LLC	Fixed Wireless (Residential)	Change: Provider now offers separate speeds for business coverage.	N/A
WaveDirect Telecommunications, LLC	Fixed Wireless (Business)	Change: Provider now offers separate speeds for business coverage.	N/A
WENR Corporation	Cable	Change: Provider now offers up to speed tier 9 maximum download in some areas.	0

**New York State Changes Corrections
Round 9 (December 2013)**

Provider Name	Doing Business As Name	FRN	Changes And Corrections
ASA Networks	ASA Networks	9999	New fixed wireless provider in R9
AT&T Mobility LLC	AT&T Mobility	0004979233	No speed changes. Small changes to coverage area
Barrier Communications	BarrierFree	0014608194	New fixed wireless provider in R9 Max d/u= 9/9
Berkshire Cable Corp.	FairPoint Communications	0003763455	Provider revised coverage; removed 12 Blocks and updated speeds
Berkshire Telephone Company	FairPoint Communications	0004491544	Provided new data; no changes to block or street count
Cablevision Lightpath, Inc.	Cablevision/Lightpath	0003510195	Updated coverage area: added 942 blocks and removed 258 for a net gain of +684 blocks. Added 417 street segments and removed 6 for a net gain of +411 street segments.
Call Rich, Inc.	CNY Wireless	0018523795	Now three different speed offerings: 9/9; 7/4; 5/2 New propagation model footprint
Castle Cable TV, Inc.	Castle Cable TV	0006900716	Provider increased FIBER coverage and speeds; removed cable. Net -19 streets and -89 blocks
Cellco Partnership	Verizon Wireless	0003290673	There is now a Spectrum 4 AWS under 4G. Also added maxd/u= 7/5 - mainly urban areas. Expanded 4G LTE coverage areas, especially into northern NY state.
Chazy & Westport Telephone Corporation	Chazy & Westport Telephone Corp	0005050083	Updated speeds
Cogent Communications Group	Cogent Communications	0019066034	Added one corporate office building resulting in one added census block in Syracuse, NY
Comcast of New York, LLC	Comcast	0014383657	Added 6 census blocks to coverage area
CSC Holdings, Inc.	Cablevision/Optimum	0003735909	Updated submission: added 41 blocks and removed 72 for a net decrease of -31. added 10 street segments.
Delhi Telephone Company	Delhi Telephone	0004334439	No changes to DSL ; Fiber: add 16 streets and 18 blocks
Deposit Telephone Company, Inc.	TDS Telecom	0003766805	Added 59 Census Blocks less than 2 square miles and 30 Street Segments in Census Blocks greater than 2 square miles in Round 9. Also updated speed information this round.
DFT Local Service Corporation	DFT Communications/Netsync	0003749843	Provider reported updated fiber routes in the City of Jamestown for Round 9. Added 60 Census Blocks less than 2 square miles and 3 new Street Segments in Census Blocks greater than 2 square miles. Speeds remained unchanged in Round 9. No changes reported for the DSL service area in Round 9.
Edwards Telephone Company, Inc.	TDS Telecom	0003766896	Provider reduced speeds in the Northern half of their service area in Round 9. Provider only offers 3 download and 2 upload in this area now. This was verified as correct by the provider. No changes to the number of Census Blocks and Street Segments in Round 9.
Empire Telephone Corp.	Empire Telephone Corp.	0004314605	New FTTH added; 1 street segment, 5 census blocks
Fiber Technologies Networks, L.L.C.	Fiber Technologies Networks	0006797849	Expanded fiber route. added 303 blocks and 18 street segments to coverage. removed 4 blocks as a correction to previous submission.
Finger Lakes Technologies Group	Finger Lakes Technologies Group	0016273229	Provider submitted updated fiber routes in Round 9. Added 964 Census Blocks less than 2 square miles and 42 Street Segments in Census Blocks greater than 2 square miles. Also removed two Census Blocks less than 2 square miles based on public feedback from the NYS Broadband Map.
Frontier Communications Corporation	Frontier Communications	0003576352	Added 18 new DSLAMs and updated speeds on 33 existing DSLAMs. This resulted in increasing the speeds on 1,862 census blocks and 219 street segments. It also resulted in the addition of 303 new census blocks, 18 new street segments, and 18 new middle mile locations.
GTel Teleconnections	GTel Teleconnections	0004068474	Provider added FIBER; 23 new blocks
Haefele TV Inc.	Haefele TV	0003775400	Haefele TV added Fiber to the Home service in Round 9. It is only available in a small portion of their service footprint so they do not currently advertise it on their website. Added 43 Census Blocks less than 2 square miles and 9 Street Segments in Census Blocks greater than 2 square miles for Fiber to the Home service. Fiber service has separate speed packages than Cable service: 1 Mbps down/384 Kbps, 7 Mbps down/2 Mbps up, and 10 Mbps down/3 Mbps up. Haefele TV's cable service was updated as well, but the updates did not cause any change to the number of Census Blocks or Street Segments delivered to the NTIA. One business only speed package was updated for cable availability from 15 Mbps down/1.5 Mbps up to 15 Mbps down/2 Mbps up.
Hancock Telephone Company	Hancock Telephone	0003436367	added 2 new remote terminals, upgraded speed within 1.5 miles of terminals

**New York State Changes Corrections
Round 9 (December 2013)**

Provider Name	Doing Business As Name	FRN	Changes And Corrections
Hughes Network Systems	Hughes	0016202228	Increased Max d/u = 15/2 (7/4)
Integrated Wireless Technologies	Fire Island Wireless	9999	New fixed wireless provider in R9
Keene Valley Video, Inc.	Keene Valley Video	0004975496	Keene Valley has decommissioned a large portion of their coax plant, leaving service availability in some areas by fiber only. Removed 52 Census Blocks less than 2 square miles and 140 Street Segments in blocks greater than 2 square miles from cable service territory. Fiber availability updated in Round 9 also. Added service in two new areas and removed service from one section of road that is not served by fiber, but is still served by cable. Added 1 Census Block less than 2 square miles and removed 2 Census Blocks less than 2 square miles in fiber service territory in the area that was not served. Added 10 Street Segments in Census Blocks greater than 2 square miles in fiber service territory.
Level 3 Communications, LLC	Level 3 Communications	0003723822	Added 324 census blocks and 1 street segment to availability
Light Tower Fiber LLC	Lighttower	0017625567	We established a technical contact with Lighttower this round, so we no longer had to rely on last round's mash-up of Sidera Networks data (bldg locations and fiber routes) and 3rd party data of Lighttower fiber routes to create the submission. We received a list of on-net buildings from Lighttower which led to the removal of 24,734 census blocks and 305 street segments as well as the addition of 204 blocks and 4 street segments. We kept the legacy middle mile data the same.
Margaretville Telephone Co Inc	Margaretville Telephone	0003433323	Deleted 8 street segments and 3 blocks per provider direction
MegaPath Corporation	MegaPath	0003753787	All new submission- TT10: added 6,759 blocks; removed 1,376 blocks; changed speeds on 39,597 existing blocks. TT20: removed 1,259 blocks, changed speeds on 456 existing blocks; TT30: removed 1,491 blocks, changed speeds on 1,507 existing blocks.
MTC Cable	MTC Cable	0004984837	New data provided; added 5 streets and 43 blocks
New Visions Communications Inc.	New Visions	9999	New FTTH Provider currently serving one town in New York State
Nicholville Telephone Company, Inc.	Nicholville Telephone	0004314480	Provider added 3 census blocks
Northland Networks	Northland Communications	0004337283	Updated fiber network data led to addition of 639 census blocks, removal of 23 census blocks, and the addition of 12 street segments
Oriskany Falls Telephone Corp	TDS Telecom	0003435492	No change in number of Census Blocks or Street Segments served in Round 9. Provider reported minor speed changes in some Census Blocks and Street Segments.
Plexicomm, LLC	Plexicomm	0014650949	New propagation model coverage
Port Byron Telephone Company	TDS Telecom	0003767530	Added 18 Census Blocks less than 2 square miles and 12 Street Segments in Census Blocks greater than 2 square miles. Provider also reported minor speed changes in Census Blocks and Street Segments this round.
Primelink, Inc.	Primelink	0003746724	Provider added new fiber and upgraded speeds; 17 streets, 654 blocks
RCN Telecom Services of New York, LP	RCN/RCN Business Solutions	0019653401	Added 65 census blocks and updated capacity on 2 middle mile locations
Slic Network Solutions, Inc.	Slic Network Solutions	0011412129	New data from provider; 277 new blocks, increased speeds
Sprint Nextel Corporation	Sprint	0003774593	Former Clearwire coverage added---Consolidated down to three polygons(increased speeds): Spectrum 3: 3/2 Spectrum 3: 6/4 Spectrum 5: 6/4
State Telephone Company, Inc.	State Telephone	0005009725	Added 93 Census Blocks to Fiber
Stealth Communications	Stealth Communications	0021929807	Added 25 NYC fiber-lit buildings (and 25 corresponding blocks) to this submission.
The Middleburgh Telephone Co	The Middleburgh Telephone Company	0003454410	Provider submitted 10 subscriber additions for Round 9, no change to the number of Census Blocks or Street Segments. However one existing Census Block had the Maximum Advertised Upload Speed increased as a result of the new additions.
Tivcorp, Inc.	Webjogger Internet Services	0016096083	Updated for R9- -propagation model replaces hand drawn polygons of service area.Now there is just one spectrum (6) with the following speeds: 5/4; 6/6; 7/7

**New York State Changes Corrections
Round 9 (December 2013)**

Provider Name	Doing Business As Name	FRN	Changes And Corrections
Township Telephone Company, Inc.	TDS Telecom	0003434958	Provider significantly reduced speeds throughout entire service area in Round 9. Provider only offers 3 download 2 upload for speed. This was verified with the provider as correct. No change to the number of Census Blocks, added 2 Street Segments this round.
Transwave Communications Systems, Inc.	Transwave Communications Systems, Inc.	0001208187	New fixed wireless provider in R9
tw telecom of new york l.p.	tw telecom	0004351425	Added 17 blocks to availability
Verizon New York Inc.	Verizon New York	0003469442	Provider submits all new data each round. Overall decrease in DSL coverage, updated speeds on 1,000+ existing blocks/15 street segments. Increase in Fiber (FiOS coverage). Removed some coverage based on public feedback, online checks, and third party sources (e.g. Fire Island, NY DSL removed). Changes were discussed and cleared with Verizon.
Vernon Telephone Company, Inc.	TDS Telecom	0003767696	No change to Census Blocks or Street Segments in Round 9. Provider reported minor speed changes in existing Census Blocks and Street Segments.
Westelcom Network	Westelcom Network	0005050141	Added FIIBER - 15 streets, 84 census blocks
Windstream Corporation	Windstream New York, Inc.	0004967055	Provider submitted new data Blocks: deleted 1335, added 691 Streets: deleted 209, added 67
Xchange Telecom Corp.	Xchange Telecom	0006831713	Now just technology= 70 and maxd/u= 10/10

Community Anchor Institutions

Record counts for Round 9 are 11,892 increased from Round 8 count of 11,219. The increase is due primary to two factors: (1) New data received from NYS Education Department which included schools that were open as of 7/1/2013 and New York City Schools; and (2) Reconciliation of Private School records with NCES and NYSED.



CHANGES AND CORRECTIONS FOR APRIL 2014

MERGERS AND ACQUISITIONS

Throughout the course of the SBI program, CN has maintained a repository of electronic records related to its provider outreach activities. Due to the high volume of mergers and acquisitions (M&A) within the provider community, CN continues to maintain a listing of M&A activities as a way of supplementing the Provider Changes and Corrections. M&A activities for this submission period for the state of Ohio are listed below with a brief description and date as obtained through public records or provider disclosure.

On July 9, 2013, Sprint completed the transaction to acquire 100% ownership of Clearwire. The data previously represented by Clearwire is now being represented under the Sprint name and the formerly operated Fixed Wireless services are no longer represented as the spectrum is being reallocated in the Sprint network.

On October 7, 2013, Birch Communications completed the acquisition of Lightyear Network Solutions, Inc. Lightyear operated as a non-facilities based general reseller of services offered by broadband providers. While data has not been provided during past mapping submissions, Connected Nation will continue to call on Birch Communications and invite it to consider participation and the advantage of contributing to the state's broadband mapping program.

During this round of data collection it was brought to our attention that Telephone Service Company had acquired Middle Point Telephone Co. during the first quarter of 2013. The data previously submitted under the Middle Point Telephone Co. is now being provided as a part of the Telephone Service Company dataset. <http://www.telserco.com/middlepoint.cfm>.

DATASET CHANGES AND CORRECTIONS

As requested by the SBI Program Office, a listing of the changes and/or corrections to the datasets between the October 2013 and April 2014 submissions is included in this narrative. This information is presented in this section as well as in the Broadband Provider Log. Changes to the data include expansion of service area(s), activation of new wireless towers, and upgrades to the network to provide higher download speeds to consumers. Corrections to the dataset include the addition of previously existing providers whose coverage has never been submitted, revision of coverage or speed information that was incorrect, and any other items that were misrepresented in the October 2013 dataset.

Provider Name	Technology Type	Changes and Correction Notes	Change in Census Blocks
5G Mesh	Fixed Wireless	Change: Provider expanded service area.	N/A
Amplex Internet	Fixed Wireless	Change: Provider added new towers and expanded service area.	N/A
Armstrong Utilities, Inc.	Cable	Change: Portion of the Ashland exchange was converted from Cable to FTTH.	-625
Armstrong Utilities, Inc.	Fiber	Change: Portion of the Ashland exchange was converted from Cable to FTTH.	531
AT&T Inc.	DSL	Change and/or Correction: Provider submitted entirely new dataset for April 2014 submission.	158
AT&T Inc.	Mobile Wireless	Change and/or Correction: Provider submitted entirely new dataset for April 2014 submission.	N/A
Ayersville Telephone Company	DSL	Correction: Changed end user category from residential only to residential and business.	0
Bascom Mutual Telephone Company	Fiber	Change: Provider has expanded FTTH service area and increased download speed. End user category has been changed from residential only to residential and business.	62
Bascom Mutual Telephone Company	Fixed Wireless	Change: Decommissioned towers removed and new towers added. End user category has been changed from residential only to residential and business.	N/A
CenturyLink	DSL	Change and/or Correction: Provider submitted entirely new dataset for April 2014 submission.	124
Cequel Communications	Cable	Change and/or Correction: Provider submitted entirely new dataset for April 2014 submission.	20
Cincinnati Bell Telephone Company LLC	DSL	Change and/or Correction: Provider submitted entirely new dataset for April 2014 submission.	0
Cincinnati Bell Telephone Company LLC	Fiber	Change: Provider has expanded FTTH service area.	816

City of Wadsworth	Cable	Correction: Changed end user category from residential only to residential and business.	0
Clearwire Corporation	Fixed Wireless	Change: Clearwire was acquired by Sprint.	N/A
Clearwire Corporation	Mobile Wireless	Change: Clearwire was acquired by Sprint.	N/A
Comcast Cable Communications, LLC	Cable	Change and/or Correction: Provider submitted entirely new dataset for April 2014 submission.	38
Country Connections LLC	Fixed Wireless	Change: Received confirmation from Coyote Wireless that Country Connections has acquired their system.	N/A
Coyote Wireless Broadband LLC	Fixed Wireless	Change: Provider was acquired by Country Connections.	N/A
D&P Communications, Inc.	Fixed Wireless	Correction: Changed end user category from residential only to residential and business.	N/A
Frontier Communications Corporation	DSL	Change: Provider added DSLAMs and expanded coverage area.	774
Intelliwave, LLC	Fixed Wireless	Change: Provider added towers and increased coverage area.	N/A
JB-Nets, LLC	Fixed Wireless	Change: Provider added towers and expanded service area.	N/A
Leap Wireless International, Inc.	Mobile Wireless	Change and/or Correction: Provider submitted entirely new dataset for April 2014 submission.	N/A
Level 3 Communications, LLC	Fiber	Change and/or Correction: Provider submitted entirely new dataset for April 2014 submission.	-180
Massillon Cable TV, Inc.	Cable	Change: Provider has expanded their service area.	121
McClure Telephone Company	DSL	Correction: Changed end user category from residential only to residential and business.	0
McClure Telephone Company	Fiber	Correction: Changed end user category from residential only to residential and business.	0

Mediacom Indiana LLC	Cable	Correction: Provider cut back small areas of service area to be more accurate.	-6
MegaPath Corporation	DSL	Change and/or Correction: Provider submitted entirely new dataset for April 2014 submission.	6386
MetaLINK Technologies, Inc.	Fixed Wireless	Change: Provider replaced two towers and also added additional new towers to service area.	N/A
Middle Point Home Telephone Company	DSL	Change: Provider was acquired by Telephone Service Company.	-275
Mobilcomm	Fixed Wireless	Change and/or Correction: Provider submitted entirely new dataset for April 2014 submission.	N/A
New Era Broadband, LLC	Fixed Wireless	Change: Provider added additional wireless towers and expanded coverage area, also changed end user category from residential only to residential and business.	N/A
NexGenAccess Inc.	Fixed Wireless	Correction: Changed end user category from residential only to residential and business.	N/A
North Coast Wireless Communications	Fixed Wireless	Change: Provider added towers expanding coverage area and increased speeds. End user category changed from residential only to residential and business.	N/A
S. Bryer Cable TV Corp.	Cable	Correction: Changed end user category from residential only to residential and business.	0
Slane Telecom	Fixed Wireless	Change: Slane Telecom has been acquired by 3 separate companies. We are currently working on the details for the October 2014 submission.	N/A
Southern Ohio Communication Services, Inc.	Fixed Wireless (Business)	Change: Provider has expanded their service area.	N/A
Southern Ohio Communication Services, Inc.	Fixed Wireless (Residential)	Change: Provider has expanded their service area.	N/A
Sprint Nextel Corporation	Mobile Wireless	Change and/or Correction: Provider submitted entirely new dataset for April 2014 submission.	N/A
Sycamore Telephone Company	DSL	Change: Upload speed increased from tier 2 to tier 3.	0
Sycamore Telephone Company	Fiber	Change: Provider submitted data for new platform (FTTH).	284

TDS Telecommunications Corporation	DSL	Change and/or Correction: Provider submitted entirely new dataset for April 2014 submission.	-82
Telephone Service Company	Cable	Correction: Changed end user category from residential only to residential and business.	0
Telephone Service Company	DSL	Change: TSC-Hanson Communications, Inc acquired Middle Point Home Telephone and want to represent the coverage foot print as d.b.a. of TSC. End user category changed from residential only to residential and business.	275
Telephone Service Company	Fiber	Correction: Changed end user category from residential only to residential and business.	0
Time Warner Cable Inc.	Cable	Change and/or Correction: Provider submitted entirely new dataset for April 2014 submission.	0
T-Mobile USA, Inc.	Mobile Wireless	Change and/or Correction: Provider submitted entirely new dataset for April 2014 submission.	N/A
tw telecom of ohio, llc	DSL	Change and/or Correction: Provider submitted entirely new dataset for April 2014 submission.	-2
tw telecom of ohio, llc	Fiber	Change and/or Correction: Provider submitted entirely new dataset for April 2014 submission.	5
Verizon Communications, Inc.	Mobile Wireless	Change and/or Correction: Provider submitted entirely new dataset for April 2014 submission.	N/A
WideOpenWest Finance, LLC	Cable	Change: Download speed tier increased from 7 to 8.	0
Windstream Communications	DSL	Change and/or Correction: Provider submitted entirely new dataset for April 2014 submission.	-2425

State of Oklahoma Broadband Mapping Project

Change Correction Document

State Broadband Initiative (SBI)

December 31, 2013 Data

April 1, 2014 NTIA Submittal

We provide below more detailed information on changes and corrections to the data submitted April 1, 2014 (S9). We have provided the information in two separate tables for wireless providers and wireline providers. If a provider provides using both wireless and wireline technologies, and if there are changes or corrections in both, this provider may be in both tables. There were 53 providers who did not submit any changes and their data was carried over as is from the previous submission. In addition to this, five providers made change and corrections to middle mile locations:

- Grand Telephone Company – Provider added middle mile point locations.
- Fidelity Cablevision - Provider corrected their provider name in the middle mile feature class.
- Windstream Corporation - Provider corrected their provider name in the middle mile feature class.
- Level 3 Communications, LLC - Provider submitted new middle mile data.
- Sprint - Provider changed provider name and FRN in the data.

Wireless Providers - Change and Corrections

Provider Name	Doing-Business-As Name	Wireless Service Added (in square miles)	Wireless Service Removed (in square miles)	Total Wireless Service area (in square miles)	Change and Correction Comments
@Link Services, LLC	Atlink Wifi	110.7	0.0	6,132.8	Provider added wireless coverage area.
AT&T Mobility LLC	AT&T Mobility LLC	7,183.3	430.7	60,085.5	Provider has expanded their 3G and 4G LTE coverage and increased speeds across the state.
Cellular Network Partnership Ltd.	Cellular Network Partnership (CNP)	5,314.6	964.2	25,058.4	Provider expanded LTE coverage and increased speeds.
Central Cellular, Inc.	Central Cellular LLC/COTC Connections	645.4	0.0	836.7	Provider added WCS coverage area.
MBO Corporation	Cimarron Telephone Company	1,004.7	0.0	1,004.7	Provider submitted wireless coverage for the first time in s9.
Cross Telephone Company LLC	Cross Cable LLC	326.4	0.0	2,822.0	Provider submitted 700 MHz spectrum wireless coverage for the first time in s9.
Del Nero Communications Management, LLC	Del Nero Communications Management, LLC	161.2	0.0	161.2	New provider in s9.
Hinton Holding Company	Hinton CATV Company	0.0	0.0	1,223.0	Provider increased speeds.
Hudson Technology Solutions, Inc.	HTS Wireless	96.7	0.0	2,202.4	Provider has expanded some in the southern part of their coverage.
Visual Lease Services, Inc.	Plainsnet, LLC	610.7	259.7	2,350.2	Provider submitted new data for propagation resulting in the changes shown.

Provider Name	Doing-Business-As Name	Wireless Service Added (in square miles)	Wireless Service Removed (in square miles)	Total Wireless Service area (in square miles)	Change and Correction Comments
Resonance Broadband	Resonance Broadband	3.7	0.0	364.3	Provider added licensed WCS coverage and business only coverage with higher speeds.
Sprint Corporation	Sprint	6,381.8	0.4	25,289.0	Provider changed their provider name and FRN as part of their transaction with Softbank. Sprint purchased the remaining shares of Clearwire. Sprint will submit data previously covered by Clearwire for the whole country. Provider increases speeds and expanded coverage in several areas. Some service reduction in the fringes of propagation data pointing to data improvement.
T-Mobile USA, Inc.	T-Mobile	356.7	190.8	8,398.1	Provider has made changes in availability and speeds have increased in several areas. Some service reduction in the fringes of propagation data pointing to data improvement.
The Junction Internet LLC	The Junction Internet LLC	6.3	112.5	1,517.7	Provider submitted new propagation data resulting in the changes shown.
MBO Corporation	The Pottawatomie Telephone Company, Inc.	559.7	0.0	559.7	Provider submitted wireless coverage for the first time in s9.
United States Cellular Corporation	U.S. Cellular	262.4	0.0	40,997.9	Provider has launched new LTE coverage and increased speeds.
Valnet Holdings, LLC	Valnet	453.0	3.1	722.0	Provider expanded coverage and speed increase due to upgrades and build out.
Cellco Partnership and its Affiliated Entities	Verizon Wireless	4,149.2	325.4	43,983.8	Provider has expanded their 3G and 4G LTE coverage. Provider increased the speeds on their AWS spectrum.

Provider Name	Doing-Business-As Name	Wireless Service Added (in square miles)	Wireless Service Removed (in square miles)	Total Wireless Service area (in square miles)	Change and Correction Comments
ViaSat, Inc.	ViaSat, Inc.	0.0	2,3915.7	45,983.1	Provider removed availability from the Eastern part of the State because they stated that one of their satellites reached service capacity and they were not accepting new customers in that part of the state.

Wireline Providers - Change and Corrections in Census Blocks and Street Segments

Provider Name	Doing-Business-As Name	Number of Census Blocks Added (Note 1)	Number of Census Blocks Removed (Note1)	Total Number of Blocks Served by Provider (Note 2)	Number of Road Segments Added (Note 1)	Number of Road Segments Removed (Note 1)	Total Number of Road Segments Served by Provider (Note 2)	Change and Correction Comments
AT&T Communications of Texas, Inc.	AT&T Southwest	359	173	68,391	108	81	1,405	Provider made changes in availability throughout the state.
Canadian Valley Telephone Company	Canadian Valley Telephone Company	0	0	313	0	0	462	Provider added sDSL services.
Central Oklahoma Telephone Co. LLC	Central Oklahoma Telephone Co. LLC	3	0	1,082	0	0	1,291	Provider added some fiber services and increased some fiber speeds.
CenturyTel, Inc.	CenturyLink	1	0	217	0	0	581	Provider made very little change to their data.
Chickasaw Telephone Company	Chickasaw Telephone Company	0	0	1,705	0	0	2,417	Provider increased speeds.

Provider Name	Doing-Business-As Name	Number of Census Blocks Added (Note 1)	Number of Census Blocks Removed (Note1)	Total Number of Blocks Served by Provider (Note 2)	Number of Road Segments Added (Note 1)	Number of Road Segments Removed (Note 1)	Total Number of Road Segments Served by Provider (Note 2)	Change and Correction Comments
MBO Corporation	Cimarron Telephone Company	450	0	2,360	610	0	4,482	Provider submitted new data that resulted in changes and corrections to their service area..
CoxCom Inc.	Cox Communications	0	0	37,901	0	0	1,072	Provider increased speeds for their entire service area.
Cross Telephone Company LLC	Cross Cable LLC	146	0	3,921	717	0	6,361	Provider refined and changed some of their DSL and fiber services.
Dobson Telephone Company, Inc.	Dobson Telephone Company, McCloud Division	319	0	13,410	18	0	8,653	Provider added fiber areas.
Epic Touch Company	Elkhart Telephone Co., Inc.	13	38	135	0	15	19	Provider refined their service area.
Chouteau Telephone Company	FairPoint Communications	13	24	312	19	24	270	Provider submitted changes and corrections to their aDSL network. Some corrections to the data were due to the data processing (i.e. improvements in geocoding).
Fidelity Cablevision Inc.	Fidelity Cablevision	3	0	2,731	0	0	0	Provider added a few blocks to their service area..
Hinton Holding Company	Hinton Telephone Company	0	0	1,356	0	0	2,046	Provider globally increased their DSL speeds.
Level 3 Communications LLC	Level 3 Communications LLC	134	134	334	0	1	2	Provider submitted changes and corrections due to improvements in address identification/parsing of addresses from their database. This resulted in a very different input dataset. We also found some geocoding errors in the data that

Provider Name	Doing-Business-As Name	Number of Census Blocks Added (Note 1)	Number of Census Blocks Removed (Note1)	Total Number of Blocks Served by Provider (Note 2)	Number of Road Segments Added (Note 1)	Number of Road Segments Removed (Note 1)	Total Number of Road Segments Served by Provider (Note 2)	Change and Correction Comments
								they submitted for S8 where zip codes were missing. We have put a new geocoder in place that has corrected those mistakes – we now have a very different footprint of Level 3 that includes data corrections from Level 3 and data corrections due to Sanborn’s data processing.
Medicine Park Telephone Company	Medicine Park Telephone Company	7	0	271	0	0	699	Provider added fiber.
Pioneer Telephone Cooperative (OK)	Pioneer Telephone Cooperative, Inc.	1	54	23,343	0	14	21,756	Provider removed some aDSL and added some fiber to their service area.
Panhandle Telecommunication Systems, Inc.	PTCI	0	0	2,119	0	0	19	Provider upgrade Cable Other to Cable DOCSIS 3.0 and increased speeds.
Panhandle Telephone Cooperative, Inc.	PTCI	8	0	4,475	15	0	2,863	Provider increased speeds for some DSL and fiber and refined service area.
Santa Rosa Telephone Cooperative, Inc.	Santa Rosa Telephone Cooperative, Inc.	0	55	577	0	38	869	Provider submitted new data that resulted in changes and corrections to their service area. Some areas were upgraded to fiber.
Cebridge Acquisition, LP; Classic Cable of Oklahoma, Inc.	Suddenlink Communications	530	237	13,810	105	14	193	Provider submitted new data that resulted in changes and corrections to their service area..
Mid-America Telephone, Inc.; Oklahoma	TDS Telecom	69	75	1,805	47	43	496	Provider submitted new data that resulted in changes and corrections to their service area..

Provider Name	Doing-Business-As Name	Number of Census Blocks Added (Note 1)	Number of Census Blocks Removed (Note1)	Total Number of Blocks Served by Provider (Note 2)	Number of Road Segments Added (Note 1)	Number of Road Segments Removed (Note 1)	Total Number of Road Segments Served by Provider (Note 2)	Change and Correction Comments
Communication Systems, Inc.; Wyandotte Telephone Company								
MBO Corporation	The Pottawatomie Telephone Company, Inc.	207	409	931	1,023	318	3,681	Provider submitted new data that resulted in changes and corrections to their service area..
TW Telecom of Oklahoma LLC	TW Telecom of Oklahoma LLC	1	1	32	0	0	0	Provider submitted new data that resulted in minor changes and corrections to their service area.
Windstream Corporation	Oklahoma Windstream; Valor Telecommunications Oklahoma; Windstream Oklahoma	1,685	4,037	7,707	2,815	11,496	4,695	Provider submitted new data that resulted in changes and corrections to their service area. Provider submitted only data for their residential services and corrected names and FRN on availability and middle mile data.

Note 1: The number of blocks added and removed do not represent unique blocks or roads – if a provider added service on a block or a road with multiple technologies, these blocks may be counted multiple times in the added and removed fields.

Note 2: The total number of blocks served by a provider has been calculated to include only unique blocks – i.e. if a block is served by a provider by multiple technologies, it is counted only once. However, the roads may include double counting because of being served by multiple technologies because there are no unique IDs on roads to summarize by.

Oregon Broadband Mapping Project Changes & Corrections

Contact Name Manager: Bryan Conway
Contact Phone Number: 503-378-6200
Contact E-mail: bryan.conway@state.or.us

Submitted By: Philip Woods
Contact E-mail: Philip.Woods@state.or.us

Product Specification: Fall 2013 NTIA Data Model
Product/Process: NTIA—April 1, 2014 Data Deliverable
Dataset Submission QC: NTIA—SBDD_CheckSubmission.py



SERVICE CHANGES

- **Coverage Footprint Reductions/Map Refinement**
 - CenturyLink (TT-10)
 - Douglas Fast Net (TT-10)
 - InfoStructure (TT-20)
 - Reliance Connects- Cascade Utilities (TT-10)
 - TW Telecom of Oregon LLC (TT-50)
 - Verizon Wireless (TT-80)*
 - Zayo Group LLC (TT-50)

- **Technology Changes/Additions –**
 - Cavenet (TT-70)*
 - Coltontel (TT-50)*
 - Cottage Grove Wifi (TT-70)*
 - Ispeed Wireless (TT-70)*
 - Ispeed Wireless (TT-71)*
 - MTE Communications (TT-70)
 - Oregon Telephone Corporation (TT-71)
 - Outreach Internet (TT-71)*
 - Pine Telephone Systems, Inc. (TT-71)
 - Reliance Connects- Cascade Utilities (TT-71)
 - SpeedyQuick Networks (TT-70)
 - St Paul Telephone (TT-50)
 - Yellowknife Wireless Company, LLC (TT-70)*

- **Coverage Footprint Expansion –**
 - AT&T Mobility LLC (TT-80)
 - Canby Telcom (TT-10)
 - Canby Telcom (TT-50)
 - Cascade Networks, Inc. (TT-50)
 - CenturyLink (TT-50)
 - Douglas Fast Net (TT-50)
 - Douglas Fast Net (TT-70)
 - Gorge Networks (TT-70)
 - InfoStructure (TT-10)
 - InfoStructure (TT-30)
 - MegaPath Corporation (TT-10)
 - Molalla Communications Company (TT-50)
 - OnlineNW (TT-50)
 - Oregon Telephone Corporation (TT-50)





- Pine Telephone Systems, Inc. (TT-70)
- PrineTIME Internet Solutions (TT-70)
- Sprint (TT-80)
- Stayton Cooperative Telephone Company (TT-50)
- TDS TELECOM (TT-10)
- T-Mobile (TT-80)
- TW Telecom Of Oregon LLC (TT-30)
- U.S. Cellular (TT-80)
- UnwiredWest Internet (TT-70)
- Whiz To Coho, Inc. (TT-70)

*Service Change Notes

Verizon Wireless (TT-80) – In the past, Verizon has not differentiated their AWS spectrum coverage from their Cellular and PCS coverage. This time, they submitted an actual AWS coverage area, so instead of triplicating the 3G CDMA, the AWS area was utilized, which is much smaller than their 3G CDMA coverage. This is why Verizon has a reduction in service area.

Coltontel (TT-50) – Migrating DSL to fiber service for all customers.

First time data providers – Cavenet; Cottage Grove Wifi; Ispeed Wireless; Outreach Internet; Yellowknife Wireless Company

Additional Information

ViaSat Communications – Informed Oregon that they had reached full capacity in some parts of the state and could not supply any new subscribers.

Pioneer Telephone Cooperative - Company are not satisfied with the project specifications as they feel the technology of transmission does not accurately reflect their services.

Comcast – Possible over representation of service area. The company has not responded to requests to clarify their service offerings in areas where public input indicates that they do not provide service as defined under the terms of the SBI grant. Area of concern is an area east of Salem, Oregon.

Charter Communications, Inc. - There is a possibility of over representation of service area. The company has not responded to requests to clarify their service offerings in areas where public input indicates that they do not provide service as defined under the terms of the SBI grant. Area of concern is an area east of Grants Pass, Oregon.



April 2014 NTIA Submittal (data current as of December 31, 2013)

Changes/Corrections from Previous (October 2013) Data Submission (data current as of June 31, 2013)

Changes

Filing Company DBA	Filing Company Name	Change
Armstrong Telephone - North (Duke Center)	Armstrong Tele Co	ADSL with a Max Down/Up Speed tier of 5/2 has increased in the Census Block layer. ADSL with a Max Down/Up Speed tier of 5/2 has increased in the Road Segment layer. The Census Block layer has increased by 122 records. The Road Segment layer has increased by 53 records.
Armstrong Telephone- PA (Clinton Area)	Armstrong Tele Co	ADSL with a Max Down/Up Speed tier of 7/2 has increased in the Census Block layer. ADSL with a Max Down/Up Speed tier of 7/2 has increased in the Road Segment layer. The Census Block layer has increased by 438 records. The Road Segment layer has increased by 223 records.
Armstrong Utilities	Armstrong Utilities	Fiber with a Max Down/Up Speed tier of 9/5 has increased in the Census Block layer. Fiber with a Max Down/Up Speed tier of 9/5 has increased in the Road Segment layer. DOCSIS 3.0 Cable with a Max Down/Up Speed tier of 9/5 has increased in the Census Block layer. DOCSIS 3.0 Cable with a Max Down/Up Speed tier of 9/5 has increased in the Road Segment layer. The Census Block layer has increased by 19947 records. The Road Segment layer has increased by 405 records.
Blue Ridge Communications	Blue Ridge Communications	The Census Block layer has decreased by 8948 records. The Road Segment layer has decreased by 17733 records. DOCSIS 3.0 Cable with a Max Down/Up Speed tier of 9/5 has decreased in the Census Block layer. DOCSIS 3.0 Cable with a Max Down/Up Speed tier of 9/5 has decreased in the Road Segment layer. Other Cable with a Max Down/Up Speed tier of 7/4 is no longer offered in the Census Block layer. Other Cable with a Max Down/Up Speed tier of 7/4 is no longer offered in the Road Segment layer.
CenturyLink	CenturyTel, Inc.	The Census Block layer has increased by 69 records. The Road Segment layer has increased by 31403 records. ADSL with a Max Down/Up Speed tier of 3/2 has decreased in the Census Block layer. ADSL with a Max Down/Up Speed tier of 3/2 has increased in the Road Segment layer. ADSL with a Max Down/Up Speed tier of 4/2 has decreased in the Census Block layer. ADSL with a Max Down/Up Speed tier of 4/2 has increased in the Road Segment layer. ADSL with a Max Down/Up Speed tier of 5/2 has decreased in the Census Block layer. ADSL with a Max Down/Up Speed tier of 5/2 has increased in the Road Segment layer. ADSL with a Max Down/Up Speed tier of 6/2 has decreased in the Census

		Block layer. ADSL with a Max Down/Up Speed tier of 6/2 has increased in the Road Segment layer. ADSL with a Max Down/Up Speed tier of 7/4 has increased in the Census Block layer. ADSL with a Max Down/Up Speed tier of 7/4 has increased in the Road Segment layer.
Cogent Communications, Inc.	Cogent Communications, Inc.	The Census Block layer has decreased by 3 records. Fiber with a Max Down/Up Speed tier of 11/11 has decreased in the Census Block layer.
Comcast	Comcast Cable Communications, LLC.	The Census Block layer has increased by 653 records. The Address Point layer has decreased by 2951 records. Other with a Max Down/Up Speed tier of 10/10 is now offered in the Census Block layer. Other with a Max Down/Up Speed tier of 10/9 is now offered in the Census Block layer. Other with a Max Down/Up Speed tier of 7/4 is now offered in the Census Block layer. Other with a Max Down/Up Speed tier of 9/7 is now offered in the Census Block layer. DOCSIS 3.0 Cable with a Max Down/Up Speed tier of 10/10 is now offered in the Census Block layer. DOCSIS 3.0 Cable with a Max Down/Up Speed tier of 10/10 is now offered in the Address Point layer. DOCSIS 3.0 Cable with a Max Down/Up Speed tier of 10/9 has decreased in the Census Block layer. DOCSIS 3.0 Cable with a Max Down/Up Speed tier of 10/9 has decreased in the Address Point layer. DOCSIS 3.0 Cable with a Max Down/Up Speed tier of 7/0 is now offered in the Census Block layer. DOCSIS 3.0 Cable with a Max Down/Up Speed tier of 7/4 has decreased in the Census Block layer. DOCSIS 3.0 Cable with a Max Down/Up Speed tier of 7/4 has decreased in the Address Point layer. DOCSIS 3.0 Cable with a Max Down/Up Speed tier of 9/7 has increased in the Census Block layer. DOCSIS 3.0 Cable with a Max Down/Up Speed tier of 9/7 has decreased in the Address Point layer. DOCSIS 3.0 Cable with a Max Down/Up Speed tier of 6/4 is no longer offered in the Census Block layer.
Consolidated Communications	Consolidated Communications	The Census Block layer has increased by 13 records. Fiber with a Max Down/Up Speed tier of 7/3 has increased in the Census Block layer.
Hans Cedardale Satellite Inc.	Hans Cedardale Satellite Inc.	No longer providing service.
Hickory Telephone Company	Hickory Telephone Company	The Census Block layer has decreased by 75 records. The Road Segment layer has increased by 1 records. ADSL with a Max Down/Up Speed tier of 7/6 is now offered in the Census Block layer. ADSL with a Max Down/Up Speed tier of 7/6 is now offered in the Road Segment layer. Fiber with a Max Down/Up Speed tier of 7/7 is now offered in the Census Block layer. ADSL with a Max Down/Up Speed tier of 5/4 is no longer offered in the Census Block layer. ADSL with a Max Down/Up Speed tier of 6/4 is no longer offered in the Census Block layer. Fiber with a Max Down/Up Speed tier of 10/10 is no longer offered in the Census Block layer. Fiber with a Max Down/Up Speed tier of 10/10 is no longer

		offered in the Road Segment layer.
ICDC Wireless Inc.	ICDC Wireless Inc.	No longer providing service.
Level 3 Communications, LLC	Level 3 Communications, LLC	The Census Block layer has increased by 52 records. The Address Point layer has increased by 1 records. The Middle Mile layer has increased by 3 records. Fiber with a Max Down/Up Speed tier of 11/11 has increased in the Census Block layer. Fiber with a Max Down/Up Speed tier of 11/11 has increased in the Address Point layer.
MAHANOY & MAHANTANGO TELEPHONE COMPANY	TDS TELECOM	ADSL with a Max Down/Up Speed tier of 7/3 has increased in the Census Block layer. ADSL with a Max Down/Up Speed tier of 7/3 has decreased in the Address Point layer. ADSL with a Max Down/Up Speed tier of 6/2 has increased in the Census Block layer. ADSL with a Max Down/Up Speed tier of 5/2 has decreased in the Census Block layer. ADSL with a Max Down/Up Speed tier of 5/2 has increased in the Address Point layer. ADSL with a Max Down/Up Speed tier of 3/2 has decreased in the Address Point layer. The Address Point layer has decreased by 1 records.
MegaPath Corporation	MegaPath Corporation	The Census Block layer has increased by 5742 records. DSL with a Max Down/Up Speed tier of 4/2 is now offered in the Census Block layer. DSL with a Max Down/Up Speed tier of 4/3 has decreased in the Census Block layer. DSL with a Max Down/Up Speed tier of 5/2 is now offered in the Census Block layer. DSL with a Max Down/Up Speed tier of 6/3 is now offered in the Census Block layer. DSL with a Max Down/Up Speed tier of 3/3 has decreased in the Census Block layer. DSL with a Max Down/Up Speed tier of 4/4 has decreased in the Census Block layer. DSL with a Max Down/Up Speed tier of 5/5 has decreased in the Census Block layer. Other Copper Wireline with a Max Down/Up Speed tier of 4/4 has decreased in the Census Block layer. Other Copper Wireline with a Max Down/Up Speed tier of 5/5 has increased in the Census Block layer. DSL with a Max Down/Up Speed tier of 5/3 is no longer offered in the Census Block layer. DSL with a Max Down/Up Speed tier of 6/2 is no longer offered in the Census Block layer.
MetroCast Communications	Gans Communications, LP	The Census Block layer has decreased by 3783 records. The Road Segment layer has decreased by 950 records. DOCSIS 3.0 Cable with a Max Down/Up Speed tier of 8/5 is now offered in the Census Block layer. DOCSIS 3.0 Cable with a Max Down/Up Speed tier of 8/5 is now offered in the Road Segment layer. DOCSIS 3.0 Cable with a Max Down/Up Speed tier of 8/4 is no longer offered in the Census Block layer. DOCSIS 3.0 Cable with a Max Down/Up Speed tier of 8/4 is no longer offered in the Road Segment layer.
NCN Data Networks LLC	NCN Data Networks LLC	First time delivering data. The Wireless layer has increased by 1 records. Unlicensed Fixed Wireless with a Max Down/Up Speed tier of 7/4 is now offered in the Wireless Polygon layer.

RCN and RCN Business Services

RCN Telecom Services of Philadelphia, Inc.

The Census Block layer has increased by 166 records. Other Copper Wireline with a Max Down/Up Speed tier of 7/4 is no longer offered in the Census Block layer. Other Copper Wireline with a Max Down/Up Speed tier of 11/11 is now offered in the Census Block layer. Other Cable with a Max Down/Up Speed tier of 7/7 is now offered in the Census Block layer. Other Cable with a Max Down/Up Speed tier of 7/6 is now offered in the Census Block layer. Other Cable with a Max Down/Up Speed tier of 7/5 is now offered in the Census Block layer. Other Cable with a Max Down/Up Speed tier of 7/4 has decreased in the Census Block layer. Other Cable with a Max Down/Up Speed tier of 6/4 is now offered in the Census Block layer. Other Cable with a Max Down/Up Speed tier of 5/4 is now offered in the Census Block layer. Other Cable with a Max Down/Up Speed tier of 4/4 is now offered in the Census Block layer. DOCSIS 3.0 Cable with a Max Down/Up Speed tier of 9/6 is no longer offered in the Census Block layer. DOCSIS 3.0 Cable with a Max Down/Up Speed tier of 11/11 is now offered in the Census Block layer.

RCN and RCN Business Services

RCN Telecom Services, Inc.

The Census Block layer has increased by 7651 records. The Address Point layer has increased by 20 records. Other Copper Wireline with a Max Down/Up Speed tier of 7/4 is no longer offered in the Census Block layer. Other Copper Wireline with a Max Down/Up Speed tier of 11/11 is now offered in the Census Block layer. Other Copper Wireline with a Max Down/Up Speed tier of 11/11 is now offered in the Address Point layer. Other Cable with a Max Down/Up Speed tier of 7/8 is now offered in the Census Block layer. Other Cable with a Max Down/Up Speed tier of 7/7 is now offered in the Census Block layer. Other Cable with a Max Down/Up Speed tier of 7/6 is now offered in the Census Block layer. Other Cable with a Max Down/Up Speed tier of 7/5 is now offered in the Census Block layer. Other Cable with a Max Down/Up Speed tier of 7/4 has decreased in the Census Block layer. Other Cable with a Max Down/Up Speed tier of 7/4 has decreased in the Address Point layer. Other Cable with a Max Down/Up Speed tier of 6/4 is now offered in the Census Block layer. Other Cable with a Max Down/Up Speed tier of 5/5 is now offered in the Census Block layer. Other Cable with a Max Down/Up Speed tier of 5/4 is now offered in the Census Block layer. Other Cable with a Max Down/Up Speed tier of 4/4 is now offered in the Census Block layer. Other Cable with a Max Down/Up Speed tier of 4/4 is now offered in the Address Point layer. Other Cable with a Max Down/Up Speed tier of 11/11 is now offered in the Census Block layer. DOCSIS 3.0 Cable with a Max Down/Up Speed tier of 9/6 is no longer offered in the Census Block layer. DOCSIS 3.0 Cable with a Max Down/Up Speed tier of 9/6 is no longer offered in the Address Point layer. DOCSIS 3.0 Cable with a Max Down/Up Speed tier of 11/11 is now offered in the Census Block layer. DOCSIS 3.0 Cable with a Max Down/Up Speed tier of 11/11 is now

offered in the Address Point layer.

SUGAR VALLEY TELEPHONE COMPANY	TDS TELECOM	ADSL with a Max Down/Up Speed tier of 7/3 has increased in the Census Block layer. ADSL with a Max Down/Up Speed tier of 7/3 has increased in the Address Point layer. ADSL with a Max Down/Up Speed tier of 6/2 has decreased in the Census Block layer. ADSL with a Max Down/Up Speed tier of 6/2 has increased in the Address Point layer. ADSL with a Max Down/Up Speed tier of 5/2 has decreased in the Census Block layer. ADSL with a Max Down/Up Speed tier of 5/2 has decreased in the Address Point layer. ADSL with a Max Down/Up Speed tier of 3/2 has increased in the Census Block layer. ADSL with a Max Down/Up Speed tier of 3/2 has increased in the Address Point layer. The Address Point layer has increased by 2 records.
The North-Eastern Pennsylvania Telephone Company	The North-Eastern Pennsylvania Telephone Company	The Census Block layer has increased by 856 records. The Road Segment layer has increased by 723 records. Fiber with a Max Down/Up Speed tier of 7/7 is now offered in the Census Block layer. Fiber with a Max Down/Up Speed tier of 7/7 is now offered in the Road Segment layer. ADSL with a Max Down/Up Speed tier of 5/3 is no longer offered in the Census Block layer. ADSL with a Max Down/Up Speed tier of 5/3 is no longer offered in the Road Segment layer. ADSL with a Max Down/Up Speed tier of 6/3 is now offered in the Census Block layer. ADSL with a Max Down/Up Speed tier of 6/3 is now offered in the Road Segment layer.
Time Warner Cable	Time Warner Cable Inc.	The Census Block layer has increased by 191 records. The Road Segment layer has decreased by 1 records. DOCSIS 3.0 Cable with a Max Down/Up Speed tier of 9/5 has increased in the Census Block layer. DOCSIS 3.0 Cable with a Max Down/Up Speed tier of 9/5 has increased in the Road Segment layer. Other Cable with a Max Down/Up Speed tier of 7/3 has increased in the Census Block layer. Other Cable with a Max Down/Up Speed tier of 7/3 has decreased in the Road Segment layer.
T-Mobile	T-Mobile USA, Inc.	<p>?</p> <p>The Wireless layer has increased by 8 records. The Middle Mile layer has increased by 2 records. Mobile Wireless with a Max Down/Up Speed tier of 6/4 has increased in the Wireless Polygon layer.</p>
TOAST.net	TOAST.net	The Census Block layer has decreased by 1664 records. The Road Segment layer has increased by 30353 records. ADSL with a Max Down/Up Speed tier of 3/2 is now offered in the Census Block layer. ADSL with a Max Down/Up Speed tier of 3/2 has increased in the Road Segment layer. ADSL with a Max Down/Up Speed tier of 4/2 is now offered in the Census Block layer. ADSL with a Max Down/Up Speed tier of 4/2 has increased in the Road Segment layer. ADSL with a Max Down/Up Speed tier of 5/2 is now offered in the Census Block layer. ADSL with a Max Down/Up Speed tier of 5/2 has increased in the Road Segment layer. ADSL with a Max

Down/Up Speed tier of 5/3 is now offered in the Census Block layer. ADSL with a Max Down/Up Speed tier of 5/3 has increased in the Road Segment layer. ADSL with a Max Down/Up Speed tier of 6/2 has increased in the Census Block layer. ADSL with a Max Down/Up Speed tier of 6/2 has increased in the Road Segment layer. ADSL with a Max Down/Up Speed tier of 6/3 is now offered in the Census Block layer. ADSL with a Max Down/Up Speed tier of 6/3 has decreased in the Road Segment layer. ADSL with a Max Down/Up Speed tier of 7/4 has decreased in the Census Block layer. ADSL with a Max Down/Up Speed tier of 7/4 has increased in the Road Segment layer.

Venus Telephone Corporation

Venus Telephone Corp.

ADSL with a Max Down/Up Speed tier of 7/3 is now offered in the Census Block layer. ADSL with a Max Down/Up Speed tier of 7/3 is now offered in the Road Segment layer. ADSL with a Max Down/Up Speed tier of 3/3 is no longer offered in the Census Block layer. ADSL with a Max Down/Up Speed tier of 3/3 is no longer offered in the Road Segment layer.

Verizon Pennsylvania Inc.

Verizon Pennsylvania Inc.

The Census Block layer has increased by 1360 records. The Road Segment layer has increased by 685 records. The Middle Mile layer has decreased by 4 records. ADSL with a Max Down/Up Speed tier of 4/2 has increased in the Census Block layer. ADSL with a Max Down/Up Speed tier of 4/2 has increased in the Road Segment layer. ADSL with a Max Down/Up Speed tier of 5/3 has increased in the Census Block layer. ADSL with a Max Down/Up Speed tier of 5/3 has increased in the Road Segment layer. ADSL with a Max Down/Up Speed tier of 6/3 has decreased in the Census Block layer. ADSL with a Max Down/Up Speed tier of 6/3 has increased in the Road Segment layer. Fiber with a Max Down/Up Speed tier of 9/7 has increased in the Census Block layer. Fiber with a Max Down/Up Speed tier of 9/7 has decreased in the Road Segment layer.

Windstream Pennsylvania, LLC

Windstream Corporation

The Census Block layer has decreased by 5123 records. The Road Segment layer has decreased by 3178 records. The Address Point layer has increased by 4361 records. ADSL with a Max Down/Up Speed tier of 3/2 is now offered in the Census Block layer. ADSL with a Max Down/Up Speed tier of 3/2 is now offered in the Road Segment layer. ADSL with a Max Down/Up Speed tier of 3/2 is now offered in the Address Point layer. ADSL with a Max Down/Up Speed tier of 4/2 is now offered in the Census Block layer. ADSL with a Max Down/Up Speed tier of 4/2 is now offered in the Road Segment layer. ADSL with a Max Down/Up Speed tier of 4/2 is now offered in the Address Point layer. ADSL with a Max Down/Up Speed tier of 5/2 is now offered in the Census Block layer. ADSL with a Max Down/Up Speed tier of 5/2 is now offered in the Road Segment layer. ADSL with a Max Down/Up Speed tier of 5/2 is now offered in the Address Point layer. ADSL with a Max Down/Up Speed tier of 7/5 is now offered in the Census Block layer. ADSL with a Max

Down/Up Speed tier of 7/5 is now offered in the Road Segment layer. ADSL with a Max Down/Up Speed tier of 7/5 is now offered in the Address Point layer. ADSL with a Max Down/Up Speed tier of 7/3 has decreased in the Census Block layer. ADSL with a Max Down/Up Speed tier of 7/3 has decreased in the Road Segment layer. ADSL with a Max Down/Up Speed tier of 7/3 is now offered in the Address Point layer. ADSL with a Max Down/Up Speed tier of 6/3 has increased in the Census Block layer. ADSL with a Max Down/Up Speed tier of 6/3 has increased in the Road Segment layer. ADSL with a Max Down/Up Speed tier of 6/3 is now offered in the Address Point layer.

Windstream Western Reserve, Inc	Windstream Corporation	First time delivering data. Windstream has realigned business and added this DBA to provider
Windstream Western Reserve, Inc	Windstream Corporation	The Census Block layer has increased by 1489 records. The Address Point layer has increased by 105 records. ADSL with a Max Down/Up Speed tier of 3/2 is now offered in the Census Block layer. ADSL with a Max Down/Up Speed tier of 3/2 is now offered in the Address Point layer. ADSL with a Max Down/Up Speed tier of 4/2 is now offered in the Census Block layer. ADSL with a Max Down/Up Speed tier of 5/2 is now offered in the Census Block layer. ADSL with a Max Down/Up Speed tier of 5/2 is now offered in the Address Point layer. ADSL with a Max Down/Up Speed tier of 6/3 is now offered in the Census Block layer. ADSL with a Max Down/Up Speed tier of 6/3 is now offered in the Address Point layer. ADSL with a Max Down/Up Speed tier of 7/3 is now offered in the Census Block layer. ADSL with a Max Down/Up Speed tier of 7/3 is now offered in the Address Point layer. ADSL with a Max Down/Up Speed tier of 7/5 is now offered in the Census Block layer.

Corrections

Filing Company DBA	Filing Company Name	Change
Armstrong Telephone - North (Duke Center)	Armstrong Tele Co	Service area duplicated to account for Residential and Business End User Category availability
Armstrong Telephone- PA (Clinton Area)	Armstrong Tele Co	Service area duplicated to account for Residential and Business End User Category availability
Armstrong Utilities	Armstrong Utilities	Service area duplicated to account for Residential and Business End User Category availability



CHANGES AND CORRECTIONS FOR APRIL 2014

MERGERS & ACQUISITIONS

Throughout the course of the SBI program, CN has maintained a repository of electronic records related to its provider outreach activities. Due to the high volume of mergers and acquisitions (M&A) within the provider community, CN continues to maintain a listing of M&A activities as a way of supplementing the Provider Changes and Corrections. M&A activities for this submission period for the state of Puerto Rico are listed below with a brief description and date as obtained through public records or provider disclosure.

On October 7, 2013, Birch Communications completed the acquisition of Lightyear Network Solutions, Inc. Lightyear operated as a non-facilities based general reseller of services offered by broadband providers. While data has not been provided during past mapping submissions, Connected Nation will continue to call on Birch Communications and invite it to consider participation and the advantage of contributing to the state's broadband mapping program.

DATASET CHANGES AND CORRECTIONS

As requested by the SBI Program Office, a listing of the changes and/or corrections to the datasets between the October 2013 and April 2014 submissions is included in this narrative. This information is presented in this section as well as in the Broadband Provider Log. Changes to the data include expansion of service area(s), activation of new wireless towers, and upgrades to the network to provide higher download speeds to consumers. Corrections to the dataset include the addition of previously existing providers whose coverage has never been submitted, revision of coverage or speed information that was incorrect, and any other items that were misrepresented in the October 2013 dataset.

Provider Name	Technology Type	Changes and Correction Notes	Change in Census Blocks
AT&T Mobility LLC	Mobile Wireless	Changes and/or Corrections: Possible service expansion or corrections to previous dataset; entirely new dataset provided for April 2014 submission.	N/A

Ayustar Corporation	Fixed Wireless	Change: Provider now offers speed tier 6 max download in some areas.	N/A
Critical Hub Networks	Fiber (Residential)	Change: Provider's business coverage and speeds are different from their residential.	897
Critical Hub Networks	Fiber (Business)	Change: Provider's business coverage and speeds are different from their residential.	897
Liberty Cablevision of Puerto Rico, LLC	Cable	Change: Provider increased available speeds to tier 9.	0
Puerto Rico Telephone Company Inc.	DSL	Change: Provider expanded and increased available max download speed tier to 8.	816
Puerto Rico Telephone Company Inc.	Fiber	Change: Provider added new fiber coverage, and now offers both business and residential coverage.	46
Sprint Nextel Corporation	Mobile Wireless	Changes and/or Corrections: Possible service expansion or corrections to previous dataset; entirely new dataset provided for April 2014 submission.	N/A
T-Mobile USA, Inc.	Mobile Wireless	Changes and/or Corrections: Possible service expansion or corrections to previous dataset; entirely new dataset provided for April 2014 submission.	N/A
XAirNet Corp.	Fixed Wireless (Residential)	Change: provider expanded coverage area and business/residential speeds now vary.	N/A
XAirNet Corp.	Fixed Wireless (Business)	Change: provider expanded coverage area and business/residential speeds now vary.	N/A

Rhode Island Changes and Corrections NTIA Submission April 1, 2014

Changes To The Data:

1. **AT&T Wireless** – Updated data was received from the provider. The coverage area was updated to better match actual coverage areas based on new wireless models run.
2. **Clearwire** – Data was reported by Sprint for this round and will be submitted by Sprint moving forward.
3. **Cox Communications** – Updated speeds were provided. The coverage area remained unchanged.
4. **Full Channel TV, Inc.** – Updated speeds were provided. The coverage area remained unchanged.
5. **Level 3 Communications** – Updated data was received from the provider. The coverage area was updated to better match actual coverage areas.
6. **MegaPath** – Updated data was received from the provider. The coverage area was updated to better match actual coverage areas for each technology type.
7. **Sidera** – Data was reported by Lighttower for this round and will be submitted by Lighttower moving forward.
8. **Sprint** – Updated data was received from the provider. The coverage area was updated to better match actual coverage areas based on new wireless models run.
9. **T-Mobile** – Updated data was received from the provider. The coverage area was updated to better match actual coverage areas based on new wireless models run.
10. **Verizon** – Updated data was received from the provider. The coverage was updated to better match actual coverage areas. There were few changes to the coverage area.
11. **Verizon Wireless** – Updated data was received from the provider. The coverage area was updated to better match actual coverage areas based on new wireless models run.

Corrections To The Data:

1. **Cox Communications** – Removed census blocks larger than 2 square miles.
2. **All wireless providers** – Coverage areas were clipped to conform to the State Boundary for RI.
3. **OSHEAN** – Removed census blocks larger than 2 square miles.

4. **Road Segments** – Removed road segments for OSHEAN and Verizon that were already represented in the census block dataset.

No Changes to The Data:

1. AboveNet
2. Broadview Networks
3. Cogent
4. Earthlink
5. FiberTech
6. Hughes Communications
7. Lightower
8. OSHEAN
9. Skycasters
10. StarBand
11. ViaSat



CHANGES AND CORRECTIONS FOR APRIL 2014

MERGERS AND ACQUISITIONS

Throughout the course of the SBI program, CN has maintained a repository of electronic records related to its provider outreach activities. Due to the high volume of mergers and acquisitions (M&A) within the provider community, CN continues to maintain a listing of M&A activities as a way of supplementing the Provider Changes and Corrections. M&A activities for this submission period for the state of South Carolina are listed below with a brief description and date as obtained through public records or provider disclosure.

On July 9, 2013, Sprint completed the transaction to acquire 100% ownership of Clearwire. The data previously represented by Clearwire is now being represented under the Sprint name.

On October 7, 2013, Birch Communications completed the acquisition of Lightyear Network Solutions, Inc. Lightyear operated as a non-facilities based general reseller of services offered by broadband providers. While data has not been provided during past mapping submissions, Connected Nation will continue to call on Birch Communications and invite it to consider participation and the advantage of contributing to the state's broadband mapping program.

On September 20, 2013, Atlantic Tele-Network, Inc. completed the sale of their retail wireless business to AT&T. <http://ir.atni.com/releasedetail.cfm?ReleaseID=792096>

DATASET CHANGES AND CORRECTIONS

As requested by the SBI Program Office, a listing of the changes and/or corrections to the datasets between the October 2013 and April 2014 submissions is included in this narrative. This information is presented in this section as well as in the Broadband Provider Log. Changes to the data include expansion of service area(s), activation of new wireless towers, and upgrades to the network to provide higher download speeds to consumers. Corrections to the dataset include the addition of previously existing providers whose coverage has never been submitted, revision of coverage or speed information that was incorrect, and any other items that were misrepresented in the October 2013 dataset.

Provider Name	Technology Type	Changes and Correction Notes	Change in Census Blocks
Atlantic Tele-Network, Inc.	Mobile Wireless	Change: Company representative confirmed that they closed the sale of their spectrum to AT&T; provider is no longer viable.	N/A
AT&T Inc.	DSL	Changes and/or Corrections: Possible service expansion or corrections to previous dataset; entirely new dataset provided for April 2014 submission.	265
AT&T Inc.	Mobile Wireless	Changes and/or Corrections: Possible service expansion or corrections to previous dataset; entirely new dataset provided for April 2014 submission.	N/A
Atlantic Broadband, LLC	Cable	Change: Provider changed their end user category to 5.	0
CenturyLink	DSL	Changes and/or Corrections: Possible service expansion or corrections to previous dataset; entirely new dataset provided for April 2014 submission.	87
Charter Communications, Inc.	Cable	Changes and/or Corrections: Possible service expansion or corrections to previous dataset; entirely new dataset provided for April 2014 submission.	-5
Chesnee Telephone Company, Inc.	Cable	Change: Provider changed their end user category to 5.	0
Chesnee Telephone Company, Inc.	DSL	Change: Provider changed their end user category to 5.	0
Chester Telephone Company	Cable	Change: Provider changed their end user category to 5.	0
Chester Telephone Company	DSL	Change: Provider changed their end user category to 5.	0
Chester Telephone Company	Fiber	Change: Provider changed their end user category to 5.	0
Clearwire Corporation	Mobile Wireless	Change: Clearwire was acquired by Sprint.	N/A
Comcast Cable Communications, LLC	Cable	Changes and/or Corrections: Possible service expansion or corrections to previous dataset; entirely new dataset provided for April 2014 submission.	45
Countrywide Wireless	Fixed Wireless	Change: End user category changed to category 5.	N/A

Electronics Service Company of Hamlet, LLC	Fixed Wireless	Change: Provider expanded their fixed wireless coverage area.	N/A
Family View CableVision	Cable	Change: Provider changed their end user category to 5.	0
Farmers Telephone Cooperative, Inc. (Farmers Telephone Cooperative)	DSL	Change: Provider upgraded speeds to tier 9 download and tier 7 upload.	0
Farmers Telephone Cooperative, Inc. (FTC Diversified Services)	DSL	Change: Provider upgraded speeds to tier 9 download and tier 7 upload.	0
Farmers Telephone Cooperative, Inc. (Farmers Telephone Cooperative)	Fiber	Change: Provider expanded their fiber coverage area.	18
Farmers Telephone Cooperative, Inc. (FTC Diversified Services)	Fiber	Change: Provider changed their end user category to 5.	0
Frontier Communications Corporation	DSL	Change: Provider added additional DSLAM locations.	2
Hargray Communications Group, Inc. (Bluffton Telephone Company)	Cable	Change: Provider expanded their cable coverage area.	5
Hargray Communications Group, Inc. (Hargray Telephone Company)	Cable	Change: Provider expanded their cable coverage area.	42
Hargray Communications Group, Inc. (Bluffton Telephone Company)	DSL	Change: Provider expanded their DSL coverage area and upgraded their speeds to tier 9 download and tier 5 upload.	28
Hargray Communications Group, Inc. (Hargray Telephone Company)	DSL	Change: Provider expanded their DSL coverage area and upgraded their speeds to tier 9 download and tier 5 upload.	0
Hargray Communications Group, Inc.	Fiber	Change: Provider expanded their fiber coverage area.	162
Harron Communications LP	Cable	Change: Provider changed their end user category to 5.	0
Home Telephone Company, Inc. (Home Telephone Company)	Cable	Change: Provider changed their end user category to 5.	0

Home Telephone Company, Inc. (Berkeley Cable Television)	Cable	Change: Provider changed their end user category to 5.	0
Home Telephone Company, Inc.	DSL	Change: Provider changed their end user category to 5.	0
Home Telephone Company, Inc. (Berkeley Cable Television)	Fiber	Change: Provider changed their end user category to 5.	0
Home Telephone Company, Inc. (Home Telephone Company)	Fiber	Change: Provider changed their end user category to 5.	0
Horry Telephone Cooperative, Inc.	Cable	Change and Correction: Provider expanded their cable coverage area and changed their end user category to 5; some areas were removed that were incorrectly added previously.	-4
Horry Telephone Cooperative, Inc.	DSL	Change and Correction: Provider expanded their DSL coverage area and changed their end user category to 5; some areas were removed that were incorrectly added previously.	-1316
Horry Telephone Cooperative, Inc.	Fiber	Change: Provider expanded their fiber coverage area and changed their end user category to 5.	39
Horry Telephone Cooperative, Inc.	Mobile Wireless	Change: Provider's mobile network was acquired by AT&T.	N/A
Level 3 Communications, LLC	Fiber	Changes and/or Corrections: Possible service expansion or corrections to previous dataset; entirely new dataset provided for April 2014 submission.	-503
Northland Communications Corp.	Cable	Change: Provider changed their end user category to 5.	0
NTInet, Inc	Fixed Wireless	Change: Provider changed their end user category to 5.	N/A
Palmetto Rural Telephone Cooperative, Inc. (Palmetto Telephone Communications)	DSL	Change: Provider changed their end user category to 5.	0
Palmetto Rural Telephone Cooperative, Inc. (Palmetto Rural Telephone Cooperative)	DSL	Change: Provider changed their end user category to 5.	0

Palmetto Rural Telephone Cooperative, Inc.	Fiber	Change: Provider expanded their fiber service area.	46
Pee Dee Online Consulting	Fixed Wireless	Change: Provider submitted all new propagation maps for their fixed wireless towers.	N/A
Piedmont Rural Telephone Cooperative, Inc.	DSL	Change: Provider changed their end user category to 5.	0
Rock Hill Telephone Company (Lancaster Telephone Company)	Cable	Change: Provider expanded their cable coverage area.	19
Rock Hill Telephone Company (Rock Hill Telephone Company)	Cable	Change: Provider expanded their cable coverage area.	6
Rock Hill Telephone Company (Fort Mill Telephone Company)	Cable	Change: Provider expanded their cable coverage area.	2
Rock Hill Telephone Company (PBT Communications)	Cable	Change: Provider changed their end user category to 5.	0
Rock Hill Telephone Company (Fort Mill Telephone Company)	DSL	Change: Provider changed their end user category to 5.	0
Rock Hill Telephone Company (Rock Hill Telephone Company)	DSL	Change: Provider changed their end user category to 5.	0
Rock Hill Telephone Company (PBT Communications)	DSL	Change: Provider changed their end user category to 5.	0
Rock Hill Telephone Company (Lancaster Telephone Company)	DSL	Change: Provider changed their end user category to 5.	0
Rock Hill Telephone Company (Fort Mill Telephone Company)	Fiber	Change: Provider expanded their fiber coverage area.	21
Rock Hill Telephone Company (Rock Hill Telephone Company)	Fiber	Change: Provider expanded their fiber coverage area.	43
Rock Hill Telephone Company (Lancaster Telephone Company)	Fiber	Change: Provider expanded their fiber coverage area.	26

Rock Hill Telephone Company (PBT Communications)	Fiber	Change: Provider changed their end user category to 5.	0
Rock Hill Telephone Company	Fixed Wireless	Change: Provider changed their end user category to 5.	N/A
Sandhill Telephone Coop., Inc.	DSL	Change: Provider upgraded speeds to tier 7 download, and changed end user category to 5.	0
Skyrunner, Inc.	Fixed Wireless	Change: Provider changed their end user category to 5.	N/A
Southern Coastal Cable, LLC	Cable	Change: Provider changed their end user category to 5.	0
Sprint Nextel Corporation	Mobile Wireless	Changes and/or Corrections: Possible service expansion or corrections to previous dataset; entirely new dataset provided for April 2014 submission.	N/A
TDS Telecommunications Corporation	DSL	Changes and/or Corrections: Possible service expansion or corrections to previous dataset; entirely new dataset provided for April 2014 submission.	66
Time Warner Cable Inc.	Cable	Changes and/or Corrections: Possible service expansion or corrections to previous dataset; entirely new dataset provided for April 2014 submission.	7
T-Mobile USA, Inc.	Mobile Wireless	Changes and/or Corrections: Possible service expansion or corrections to previous dataset; entirely new dataset provided for April 2014 submission.	N/A
tw telecom of south carolina, llc	DSL	Changes and/or Corrections: Possible service expansion or corrections to previous dataset; entirely new dataset provided for April 2014 submission.	6
tw telecom of south carolina, llc	Fiber	Changes and/or Corrections: Possible service expansion or corrections to previous dataset; entirely new dataset provided for April 2014 submission.	14
Verizon South Inc.	Mobile Wireless	Changes and/or Corrections: Possible service expansion or corrections to previous dataset; entirely new dataset provided for April 2014 submission.	N/A
West Carolina Rural Telephone Cooperative, Inc.	DSL	Change: Provider changed their end user category to 5.	0

West Carolina Rural Telephone Cooperative, Inc.	Fiber	Change: Provider changed their end user category to 5.	0
Windstream Communications	DSL	Changes and/or Corrections: Possible service expansion or corrections to previous dataset; entirely new dataset provided for April 2014 submission.	-479



Changes and Corrections

SBDD December 2013 Data
April 2014 Submission

South Dakota Broadband Data Changes and Corrections

Coverage Area Changes:

- Coverage Footprint Expansion:
 - AT&T Mobility LLC sent new TT80 footprint shapefile that refines and slightly expands their coverage
 - Celerity Networks has new TT70 footprint from propagated towers that refines and expands their coverage
 - CenturyTel, Inc., DBA CenturyLink, sent new TT10 footprint shapefile that refines and expands their coverage
 - Consolidated Telecom has manually increased the coverage area to their TT50 footprint
 - Fibercomm L.C. has manually increased the coverage area to their TT50 footprint
 - Golden West Telecommunications Cooperative Inc has manually increased coverage to their TT10 footprint, replacing an area of TT50 with TT10
 - Interstate Telecommunications Cooperative, Inc. has manually increased the coverage area to their TT50 footprint
 - Mediacom LLC has new TT40 footprint from census block list that refines and expands their coverage
 - Midcontinent Communications has manually increased the coverage area to their TT40 footprint by adding a few new areas
 - Midstate Communications has manually increased coverage to their TT50 footprint, replacing an area of TT10 with TT50
 - Sancom Inc, DBA Mitchell Telecom, has manually increased the coverage area to their TT50 footprint
 - RC Technologies, Inc. has manually added new TT70 footprint that expands their coverage, where they only had TT71 before
 - Santel Communications Cooperative manually added new TT50 area, expanding their footprint
 - SpeedConnect sent new TT80 footprint shapefile that refines and expands their coverage
 - Alliance Communications, DBA Splitrock, has manually increased their TT50 footprint, replacing all areas of TT10 with TT50
 - Brookings Municipal Utilities, DBA Swiftel Communications, has manually added areas to their TT50 footprint, expanding their coverage



Changes and Corrections

SBDD December 2013 Data

April 2014 Submission

- Venture Communications Coop. has manually increased their TT50 footprint, replacing some areas of TT10 with TT50
- Verizon Wireless sent new TT80 footprint shapefile that refines and expands their coverage
- Service Area Attribution Changes:
 - Dryad is a new TT71 provider with propagated tower locations
 - Interlakes Wireless is a new TT70 provider that sent shapefile footprint
 - Jefferson Communications, DBA Long Lines, has manually increased their TT10 Typical Upload Speeds to match their Download speeds and increased their TT40 Maximum Advertised Upload & Typical Upload speeds
 - Long Lines Metro SD, DBA Long Lines, has manually increased their TT10 Typical Upload Speeds to match their Download speeds
 - Mediacom LLC has manually increased their TT40 Maximum Advertised Download and Typical Download & Upload speeds
 - Northern Wireless Communications has manually increased their TT70 Typical Upload speed in one area and updated their spectrum to a number of areas
 - RC Communications has manually added areas to their TT10 coverage with higher Maximum Advertised Upload & Typical Upload speeds to meet their Download speeds, and increased all speeds in their TT50 footprint
 - RC Technologies, Inc. has manually decreased some areas of their TT71 Maximum Advertised Download & Typical Download speeds
 - Roberts County Telephone Coop. Assn has manually added areas to their TT10 coverage with higher Maximum Advertised Upload & Typical Upload speeds to meet their Download speeds
 - Three River Telco is a new TT50 provider with manually added footprint
 - Valley Telecommunications has manually increased their TT10 & TT50 Maximum Advertised Download speeds
 - Wescomm Wireless is a new TT70 provider with manually added footprint
 - WOW! Internet, Cable, and Phone has manually replaced all of their TT40 speeds, having all areas with the new tiers

Data Corrections:

- Coverage Footprint Reductions/Map Refinement:
 - Consolidated Telecom has manually refined the coverage area to their TT10 footprint, removing areas where overlapping TT50, leading to a decrease in coverage



Changes and Corrections

SBDD December 2013 Data

April 2014 Submission

- Fort Randall Telephone Company manually removed areas of coverage to their TT10 footprint
- Golden West Telecommunications Cooperative Inc has manually decreased coverage to their TT50 footprint, replacing an area of TT50 with TT10
- Midstate Communications has manually decreased coverage to their TT10 footprint, replacing an area of TT10 with TT50
- RC Technologies, Inc. has manually decreased their TT71 footprint by removing an area of TT71 and replacing it with TT70
- Santel Communications Cooperative manually removed areas of their TT10 footprint where overlapping new TT50 areas
- Alliance Communications, DBA Splitrock, has manually removed their TT10 footprint, replacing all areas with TT50
- Venture Communications Coop. has manually removed areas of their TT10 footprint, replacing with TT50



CHANGES AND CORRECTIONS FOR APRIL 2014

MERGERS AND ACQUISITIONS

Throughout the course of the SBI program, CN has maintained a repository of electronic records related to its provider outreach activities. Due to the high volume of mergers and acquisitions (M&A) within the provider community, CN continues to maintain a listing of M&A activities as a way of supplementing the Provider Changes and Corrections. M&A activities for this submission period for the state of Tennessee are listed below with a brief description and date as obtained through public records or provider disclosure.

On July 9, 2013, Sprint completed the transaction to acquire 100% ownership of Clearwire. The data previously represented by Clearwire is now being represented under the Sprint name.

On October 7 2013 Birch Communications completed the acquisition of Lightyear Network Solutions, Inc. Lightyear operated as a non-facilities based general reseller of services offered by broadband providers. While data has not been provided during past mapping submissions, Connected Nation will continue to call on Birch Communications and invite it to consider participation and the advantage of contributing to the state's broadband mapping program.

On July 3, 2013, BCI Broadband closed on the acquisition of James Cable. On or around January 9, 2014, BCI Broadband officially changed its legal name and company branding to Vyve Broadband, LLC. Subsequently, all newly acquired James Cable assets are now represented under the company name Vyve Broadband, LLC, d/b/a Vyve Broadband.

DATASET CHANGES AND CORRECTIONS

As requested by the SBI Program Office, a listing of the changes and/or corrections to the datasets between the October 2013 and April 2014 submissions is included in this narrative. This information is presented in this section as well as in the Broadband Provider Log. Changes to the data include expansion of service area(s), activation of new wireless towers, and upgrades to the network to provide higher download speeds to consumers. Corrections to the dataset include the addition of previously existing providers whose coverage has never been submitted, revision of coverage or speed information that was incorrect, and any other items that were misrepresented in the October 2013 dataset.

Provider Name	Technology Type	Changes and Correction Notes	Change in Census Blocks
Access Cable Television, Inc.	Cable	Change: Provider indicated that they service both residential and business locations.	0
Ardmore Telephone Company Inc	DSL	Change: Provider indicated that they service both residential and business locations.	0
AT&T Inc.	DSL	Changes and/or Corrections: Possible service expansion or corrections to previous dataset; entirely new dataset provided for April 2014 submission.	597
AT&T Inc.	Mobile Wireless	Changes and/or Corrections: Possible service expansion or corrections to previous dataset; entirely new dataset provided for April 2014 submission.	N/A
Athena Broadband	Fixed Wireless	Change: Provider activated two new towers which has expanded coverage to the north-west and south of Bedford County. Provider also indicated that they service both residential and business locations.	N/A
Aurora Cable TV	Fixed Wireless	Provider representative indicated that their internet services are only available through cable and not fixed wireless; this platform is being removed as viable.	N/A
Ben Lomand Rural Telephone Coop., Inc.	DSL	Change: Provider indicated that they service both residential and business locations.	0
Ben Lomand Rural Telephone Coop., Inc.	Fiber	Change: Provider indicated that they service both residential and business locations.	0
Blue Ray Networks	Cable	Change: This is a brand new broadband provider in the market.	0
Capshaw Enterprises, LLC	Fixed Wireless	Change: Provider indicated that they service both residential and business locations.	N/A
Celina Cable Communications, Inc.	Cable	Change: Provider indicated that they service both residential and business locations.	0

CenturyLink	DSL	Changes and/or Corrections: Possible service expansion or corrections to previous dataset; entirely new dataset provided for April 2014 submission.	62
Charter Communications, Inc.	Cable	Changes and/or Corrections: Possible service expansion or corrections to previous dataset; entirely new dataset provided for April 2014 submission.	36
Clarksville Department of Electricity	Fiber	Change: Provider upgraded infrastructure and can now offer tier 11 download speeds. Provider also indicated that they service both residential and business locations.	0
Clearwire Corporation	Mobile Wireless	Change: Clearwire was acquired by Sprint.	N/A
Columbia Power & Water Systems	Cable	Change: Provider upgraded infrastructure and can now offer tier 9 download speeds. Provider also indicated that they service both residential and business locations.	0
Comcast Cable Communications, LLC	Cable	Changes and/or Corrections: Possible service expansion or corrections to previous dataset; entirely new dataset provided for April 2014 submission.	-520
ECSIS.NET	Fixed Wireless	Change: Provider indicated that they service both residential and business locations.	N/A
ETC Communications, LLC	Cable	Change: Provider indicated that they service both residential and business locations.	0
Frontier Communications Corporation	DSL	Change: Provider activated new DSLAMs.	23
High Country Online LLC	Fixed Wireless	Change: Provider indicated that they service both residential and business locations.	N/A
Jackson Energy Authority	Fiber	Change: Provider indicated that they service both residential and business locations.	0
James Cable LLC	Cable	Change: James Cable's Tennessee operations were acquired by Vyve Broadband.	-725

JTM Broadband, LLC	Fixed Wireless	Change: Provider activated two new towers. Provider also indicated that they service both residential and business locations.	N/A
Ken-Tenn Wireless, L.L.C.	Fixed Wireless	Change: Provider indicated that they service both residential and business locations.	N/A
Loretto Telephone Company, Inc.	DSL	Change: Provider upgraded infrastructure and can now offer tier 3 upload speeds.	0
Mediacom Southeast LLC	Cable	Changes and/or Corrections: Possible service expansion or corrections to previous dataset; entirely new dataset provided for April 2014 submission.	501
MegaPath Corporation	DSL	Changes and/or Corrections: possible service expansion or corrections to previous dataset; entirely new dataset provided for April 2014 submission.	2594
Monster Broadband, Inc.	Fixed Wireless	Change: Provider activated two new towers which expanded coverage into southern Bedford County and southwest Franklin County. Provider also upgraded speeds on some existing towers to tier 5 and 6. Provider also indicated that they service both residential and business locations.	N/A
Morristown Utilities Commission	Fiber	Change: Provider upgraded infrastructure and can now offer tier 11 download speeds. Provider also indicated that they service both residential and business locations.	0
North Central Telephone Cooperative, Inc.	DSL	Change: Provider expanded DSL coverage south of Red Boiling Springs within Macon County. Provider also indicated that they service both residential and business locations.	4
North Central Telephone Cooperative, Inc.	Fiber	Change: Provider expanded fiber service to the west and north of existing coverage area within Sumner County. Service was also expanded around the Westmoreland area within Sumner and part of Macon Counties. Provider also indicated that they service both residential and business locations.	266

Pulaski Electric System	Fiber (Residential)	Change: Provider acknowledged this to be a residential service and supplied different speeds for the business service.	0
Pulaski Electric System	Fiber (Business)	Change: Provider supplied higher speeds for their business service. Separate data was created for the business service using the same footprints as the residential coverage.	526
Skyline Telephone Membership Corporation	Fiber	Changes/Corrections: Provider expanded coverage to the northern and eastern parts of existing coverage within northwest of Johnson County.	5
Sprint Nextel Corporation	Mobile Wireless	Changes and/or Corrections: Possible service expansion or corrections to previous dataset; entirely new dataset provided for April 2014 submission.	N/A
TDS Telecommunications Corporation	DSL	Changes and/or Corrections: Possible service expansion or corrections to previous dataset; entirely new dataset provided for April 2014 submission.	66
TDS Telecommunications Corporation	Fiber	Changes and/or Corrections: Possible service expansion or corrections to previous dataset; entirely new dataset provided for April 2014 submission.	104
TEC of Jackson, Inc (People's Telephone Company)	DSL	Change: Provider added two new terminals and also upgraded two existing ones to fiber fed.	-66
TEC of Jackson, Inc (Crockett Telephone)	DSL	Change: Provider removed two existing terminals and replaced them with two new ones with upgraded download speeds of tier 5 and 7.	-19
TEC of Jackson, Inc (Crockett Telephone Co.)	Fiber	Change: Provider indicated that they service both residential and business locations.	0
TEC of Jackson, Inc (People's Telephone Company)	Fiber	Change: Provider indicated that they service both residential and business locations.	0
TELE-PAGE Inc.	Fixed Wireless	Change: Provider indicated that they service both residential and business locations.	N/A
Tennessee Wireless, LLC	Fixed Wireless	Change: Provider activated new towers which expanded coverage to the south and east of Hickman County. Provider also indicated that they service both residential and business locations.	N/A

T-Mobile USA, Inc.	Mobile Wireless	Changes and/or Corrections: possible service expansion or corrections to previous dataset; entirely new dataset provided for April 2014 submission.	N/A
Tulahoma Utilities Board	Fiber	Change: Provider upgraded infrastructure and can now offer tier 11 download speeds. Provider also indicated that they service both residential and business locations.	0
tw telecom of tennessee, llc	DSL	Changes and/or Corrections: possible service expansion or corrections to previous dataset; entirely new dataset provided for April 2014 submission.	-33
tw telecom of tennessee, llc	Fiber	Changes and/or Corrections: possible service expansion or corrections to previous dataset; entirely new dataset provided for April 2014 submission.	541
United States Cellular Corporation	Mobile Wireless	Changes and/or Corrections: possible service expansion or corrections to previous dataset; entirely new dataset provided for April 2014 submission. Also, provider upgraded infrastructure and can now offer tier 6 download speeds.	N/A
Verizon Communications, Inc.	Mobile Wireless	Changes and/or Corrections: Possible service expansion or corrections to previous dataset; entirely new dataset provided for April 2014 submission.	N/A
Vyve Broadband J. LLC	Cable	James Cable's Tennessee operations and data/assets were acquired by Vyve Broadband.	725
West Kentucky and Tennessee Telecommunications Cooperative Inc	DSL	Change: Provider indicated that they service both residential and business locations.	0
Wisper, LLC	Fixed Wireless	Change: Provider indicated that they service both residential and business locations.	N/A



CHANGES AND CORRECTIONS FOR APRIL 2014

MERGERS AND ACQUISITIONS

Throughout the course of the SBI program, CN has maintained a repository of electronic records related to its provider outreach activities. Due to the high volume of mergers and acquisitions (M&A) within the provider community, CN continues to maintain a listing of M&A activities as a way of supplementing the Provider Changes and Corrections. M&A activities for this submission period for the state of Texas are listed below with a brief description and date as obtained through public records or provider disclosure.

On July 9, 2013, Sprint completed the transaction to acquire 100% ownership of Clearwire. The data previously represented by Clearwire is now being represented under the Sprint name and the formerly operated Fixed Wireless services are no longer represented as the spectrum is being reallocated in the Sprint network.

On October 7, 2013, Birch Communications completed the acquisition of Lightyear Network Solutions, Inc. Lightyear operated as a non-facilities based general reseller of services offered by broadband providers. While data has not been provided during past mapping submissions, Connected Nation will continue to call on Birch Communications and invite it to consider participation and the advantage of contributing to the state's broadband mapping program.

On May 15, 2013, UNSI completed the acquisition of Airband which was made known to Connected Nation during this data submission round and thus is being reported during this submission. Based on the following link, UNSI <http://www.unsi.net/press-releases/unsi-to-acquire-airband-communications-2/> is a business internet service provider only via fixed wireless operations.

DATASET CHANGES AND CORRECTIONS

As requested by the SBI Program Office, a listing of the changes and/or corrections to the datasets between the October 2013 and April 2014 submissions is included in this narrative. This information is presented in this section as well as in the Broadband Provider Log. Changes to the data include expansion of service area(s), activation of new wireless towers, and upgrades to the network to provide higher download speeds to consumers. Corrections to the dataset include the addition of previously existing providers whose coverage has never been submitted, revision of coverage or speed information that was incorrect, and any other items that were misrepresented in the October 2013 dataset.

Provider Name	Technology Type	Changes and Correction Notes	Change in Census Blocks
ADT Systems, Inc.	Fixed Wireless	Change and Correction: Network expansion (provider installed two additional towers) and provider upgraded equipment and can now offer tier 7 download speeds across entire service area. One tower propagation was also recreated due to coordinate correction. End User Category was also changed from 1 to 5, since provider can offer same service to both residential and business subscribers.	N/A
Air Net, LLC	Fixed Wireless	Change: New fixed wireless provider in the TX market.	N/A
Airplexus, Inc.	Fixed Wireless	Correction: Airplexus was previously non-responsive, but they provided data this round.	N/A
Alamo Broadband, Inc.	Fixed Wireless (Residential)	Change: New propagation downloaded from towercoverage.com shows a slight increase in serviceable area east of Somerset, TX.	N/A
Alamo Broadband, Inc.	Fixed Wireless (Business)	Change: Provider added business services as a higher speed (tier 7 download and tier 5 upload) and smaller service area than their residential offerings.	N/A
AMA TechTel	Fixed Wireless	Change: End User Category update from 1 to 5, since provider offers same service/speeds to both residential and business subscribers.	N/A
AT&T Communications of Texas, Inc.	DSL	Change and/or Correction: Provider submitted entirely new dataset for April 2014 submission.	390
AT&T Communications of Texas, Inc.	Mobile Wireless	Change and/or Correction: Provider submitted entirely new dataset for April 2014 submission.	N/A
AwesomeNet, Inc.	Fixed Wireless	Change: End User Category update from 1 to 5, since provider offers same service/speeds to both residential and business subscribers.	N/A
Balatize Broadband Services	Fixed Wireless	Change: New fixed wireless broadband provider in the market.	N/A

Basin Broadband, Inc.	Fixed Wireless	Change: End User Category update from 1 to 5, since provider offers same service/speeds to both residential and business subscribers.	N/A
Bee Creek Communications	Fixed Wireless	Change: Provider upgraded infrastructure and can now offer tier 5 download speeds across entire service area. Also, provider services same speeds to business and residential end users, therefore their end user category has been switched from 1 to 5.	N/A
Big Bend Telephone Company, Inc.	DSL	Change: Provider upgraded infrastructure and can now offer tier 7 download and tier 3 upload speeds across entire network.	0
Big Bend Telephone Company, Inc.	Fiber	Change: Provider upgraded infrastructure and can now offer tier 7 download and tier 5 upload speeds across service territory. Also, End User Category was changed from 1 to 5, since provider can offer same services to both residential and business subscribers.	0
Big Bend Telephone Company, Inc.	Fixed Wireless	Change: Network expansion (provider installed 2 additional towers) and provider upgraded infrastructure and can now offer tier 5 upload speeds.	N/A
Border to Border Communications, Inc.	DSL	Change: End User Category update from 1 to 5, since provider offers same service/speeds to both residential and business subscribers.	0
Border to Border Communications, Inc.	Fiber	Change: End User Category update from 1 to 5, since provider offers same service/speeds to both residential and business subscribers.	0
Border to Border Communications, Inc.	Fixed Wireless	Change: End User Category update from 1 to 5, since provider offers same service/speeds to both residential and business subscribers.	N/A
Brazoria Telephone Company	Cable	Change: End User Category update from 1 to 5, since provider offers same service/speeds to both residential and business subscribers.	0

Brazoria Telephone Company	DSL	Change: End User Category update from 1 to 5, since provider offers same service/speeds to both residential and business subscribers.	0
Brazos Telephone Cooperative, Inc.	DSL	Change: Network expansion (provider installed four additional remote terminals) and increased speed offerings to tier 8 download and tier 5 upload. End User Category was also updated from 1 to 5, since provider can offer the same services to both residential and business subscribers.	76
Burcham Solutions, LLC	Fixed Wireless	Change: Network expansion (provider added a new tower) and upgraded infrastructure to allow for tier 7 download/upload on 3650 MHz spectrum.	N/A
Central Texas Telephone Investments, LP	Fixed Wireless	Change: Large network expansion. Provider activated 60 new LTE tower sites, 37 700 MHz, and 23 AWS.	N/A
CenturyLink	DSL	Change and/or Correction: Provider submitted entirely new dataset for April 2014 submission.	31
Cequel Communications	Cable	Change and/or Correction: Provider submitted entirely new dataset for April 2014 submission.	2187
Charter Communications, Inc.	Cable	Change and/or Correction: Provider submitted entirely new data set for April 2014 submission.	0
CKS Management, Inc.	Fixed Wireless	Change: End User Category update from 1 to 5 (for this NPP), since provider offers same service/speeds to both residential and business subscribers.	N/A
Clearwire Corporation	Fixed Wireless	Change: Clearwire was acquired by Sprint.	N/A
Clearwire Corporation	Mobile Wireless	Change: Clearwire was acquired by Sprint.	N/A
Cobridge Communications, LLC	Cable	Change: Provider expanded cable broadband service area. End User Category updated from 1 to 5, since provider can offer the same services to both residential and business subscribers.	2

Comcast Cable Communications, LLC	Cable	Change and/or Correction: Provider submitted entirely new dataset for April 2014 submission.	264
Communications Etc.	Fixed Wireless	Correction: Communications Etc. was previously non-responsive, but they provided data this round.	N/A
Community Telephone Company, Inc.	DSL	Change: Provider upgraded infrastructure and can now offer tier 7 download speeds across entire network. End User Category updated from 1 to 5, since provider can offer the same services to both residential and business subscribers.	0
Connexions Telcom	DSL	Change: Provider expanded DSL service area and upgraded infrastructure and can now offer tier 7 download speeds across entire service territory.	692
Connexions Telcom	Fiber	Change: Provider upgraded infrastructure and can now offer tier 8 download and tier 5 upload speeds across entire fiber service area.	0
Consolidated Communications	DSL	Change and/or Correction: Provider submitted entirely new dataset for April 2014 submission.	-14
Consolidated Communications	Fiber	Change: Provider network shows small pockets of expansion in all three exchanges.	18
CTX Unwired	Fixed Wireless	Change: End User Category update from 1 to 5, since provider offers same service/speeds to both residential and business subscribers.	N/A
DigiComm Enterprises, LLC	Fixed Wireless	Change and/or Correction: Tower propagation study was recreated for entire coverage area. Also, provider upgraded infrastructure and can now offer tier 6 and 7 download speeds. End User Category was also changed from 1 to 5, since provider can offer same service to both residential and business subscribers.	N/A
Digitex.com	Fixed Wireless	Change: End User Category update from 1 to 5, since provider offers same service/speeds to both residential and business subscribers.	N/A

Eastex Telephone Cooperative, Inc.	DSL	Change: Provider expanded DSL service area by installing six additional remote terminals. End User Category updated from 1 to 5, since provider can offer the same services to both residential and business subscribers.	27
Eastland Internet Inc	Fixed Wireless	Change: End User Category update from 1 to 5, since provider offers same service/speeds to both residential and business subscribers.	N/A
ECTISP, Inc.	Fixed Wireless	Change: End User Category update from 1 to 5, since provider offers same service/speeds to both residential and business subscribers.	N/A
ERF Wireless	Fixed Wireless	Change: End User Category update from 1 to 5, since they offer the same services to both residential and business subscribers.	N/A
Farm to Market Broadband LP	Fixed Wireless	Change: End User Category update from 1 to 5, since provider offers same service/speeds to both residential and business subscribers.	N/A
Five Area Telephone Cooperative, Inc.	DSL	Change: End User Category update from 1 to 5, since provider offers same service/speeds to both residential and business subscribers.	0
Five Area Telephone Cooperative, Inc.	Fiber	Change: End User Category update from 1 to 5, since provider offers same service/speeds to both residential and business subscribers.	0
Ganado Telephone Company, Inc.	DSL	Change: End User Category update from 1 to 5, since provider offers same service/speeds to both residential and business subscribers.	0
GHz Wireless	Fixed Wireless (Residential)	Change: New coverage downloaded from towercoverage.com, which shows significant network expansion (installation of additional towers).	N/A
GHz Wireless	Fixed Wireless (Business)	Change: New coverage downloaded from towercoverage.com, which shows significant network expansion (installation of additional towers). New business end user category added, since provider offers higher speeds (tier 8 download and tier 5 upload) for business end users.	N/A

GOCO Wireless, Inc.	Fixed Wireless	Change: GOCO Wireless was previously non-responsive, but they provided data this round.	N/A
Gower Computer Support, Inc.	Fixed Wireless	Change: End User Category update from 1 to 5, since provider offers same service/speeds to both residential and business subscribers.	N/A
GoZoe Wireless, LLP	Fixed Wireless	Change: End User Category update from 1 to 5 (for this NPP), since provider offers same service/speeds to both residential and business subscribers.	N/A
Grayson CableRocket, LLC	Cable	Change: Network expansion (slight coverage increase in East Denison area). Also, end user category was updated from 1 to 5, since provider offers same speed to business users.	6
Greasy Bend Ventures, Inc.	Fiber	Change: New platform offering for this provider (Fiber-to-the-Home) in addition to their fixed wireless offerings.	414
Greasy Bend Ventures, Inc.	Fixed Wireless	Change: Network expansion (provider installed additional towers) and upgraded infrastructure to provide tier 7 download and tier 5 upload speeds. End User Category updated from 1 to 5, since provider can offer the same services to both residential and business subscribers.	N/A
Gtek Communications	Fixed Wireless	Change: Network expansion (provider installed two additional towers) and provider upgraded infrastructure and can now offer tier 7 download and tier 5 upload speeds across entire service area. End User Category was also changed from 1 to 5, since provider can offer same service to both residential and business subscribers.	N/A
Guadalupe Valley Communications Systems	Cable	Correction: Provider previously submitted two entities, but names have been corrected and GVCS will be the cable entity going forward.	0
Guadalupe Valley Communications Systems	DSL	Change and/or Correction: Provider submitted entirely new dataset for April 2014 submission.	0
Guadalupe Valley Communications Systems	Fiber	Change: Provider submitted entirely new CAD files, which mostly showed pockets of additional FTTH expansion.	100

GVEC.net	Fixed Wireless	Change: End User Category update from 1 to 5, since provider offers same service/speeds to both residential and business subscribers.	N/A
Hallettsville Communications	Fixed Wireless	Correction: Hallettsville Communications was previously non-responsive, but they provided data this round.	N/A
Harris Broadband LLP	Fiber	Change: End User Category update from 1 to 5, since provider offers same service/speeds to both residential and business subscribers.	0
Helmsco, Inc.	Fixed Wireless	Change: End User Category update from 1 to 5, since provider offers same service/speeds to both residential and business subscribers.	N/A
Hill Country Telephone Cooperative, Inc.	DSL	Change: Provider submitted updated exchange boundary that shows additional service areas, and upgraded infrastructure to allow tier 7 download speeds. Also, End User Category changed from 1 to 5 since they offer the same services to both residential and business subscribers.	753
Hill Country Telephone Cooperative, Inc.	Fixed Wireless	Change: End User Category update from 1 to 5, since provider offers same service/speeds to both residential and business subscribers.	N/A
IGN-LPG Enterprises LLC	Fixed Wireless	Change: Network expansion (provider installed 2 additional towers).	N/A
JAB Wireless, Inc.	Fixed Wireless	Change: End User Category update from 1 to 5, since provider offers same service/speeds to both residential and business subscribers.	N/A
James Cable LLC	Fixed Wireless	Change: End User Category update from 1 to 5, since provider offers same service/speeds to both residential and business subscribers.	N/A
La Ward Telephone Exchange, Inc.	DSL	Change: End User Category update from 1 to 5, since provider offers same service/speeds to both residential and business subscribers.	0
Leap Wireless International, Inc.	Mobile Wireless	Change and/or Correction: Provider submitted entirely new dataset for April 2014 submission.	N/A

Level 3 Communications, LLC	Fiber	Change and/or Correction: Provider submitted entirely new dataset for April 2014 submission.	-619
Lipan Telephone Company, Inc.	DSL	Change: End User Category update from 1 to 5, since provider offers same service/speeds to both residential and business subscribers.	0
Local Choice Internet	Fixed Wireless	Change: End User Category changed from 5 to 1. Further research indicates that provider does not service businesses.	N/A
LVWifi.com	Fixed Wireless	Change: End User Category update from 1 to 5, since provider offers same service/speeds to both residential and business subscribers.	N/A
MegaPath Corporation	DSL	Change and/or Correction: Provider submitted entirely new dataset for April 2014 submission.	18220
Mid-Plains Rural Telephone Cooperative, Inc.	DSL	Change: End User Category update from 1 to 5, since provider offers same service/speeds to both residential and business subscribers.	0
Mid-Plains Rural Telephone Cooperative, Inc.	Fiber	Change: End User Category update from 1 to 5, since provider offers same service/speeds to both residential and business subscribers.	0
Millennium Telcom, LLC	DSL	Change: Provider upgraded infrastructure and can now offer tier 7 download and tier 5 upload speeds across entire service area.	0
Millennium Telcom, LLC	Fiber	Change: Provider upgraded infrastructure and can now offer tier 9 download and tier 8 upload speeds across entire FTTH service area.	0
Millennium Telcom, LLC	Fixed Wireless	Change: Provider expanded service territory by installing three additional towers.	N/A
NetWest Online, Inc.	Fixed Wireless	Change: End User Category update from 1 to 5, since provider offers same service/speeds to both residential and business subscribers.	N/A
Neu Ventures, Inc.	Cable	Change: Provider can now offer tier 7 download speeds in Marfa, TX.	0

Neu Ventures, Inc.	Fixed Wireless	Change: Provider upgraded infrastructure and can now offer tier 7 download and tier 5 upload speeds off of their Mano Prieto tower. Also, the polygon depiction in Alpine, TX was replaced with actual propagations.	N/A
New Source Broadband II	Fixed Wireless	Change: Network expansion (provider installed four new towers). End User Category was updated from 1 to 5, since they can provide same service to both residential and business subscribers.	N/A
North Texas Telephone Company	DSL	Change: End User Category update from 1 to 5, since provider offers same service/speeds to both residential and business subscribers.	0
Northland Communications	Cable	Correction: Provider noticed an area west of Teague, TX that should be removed from the map.	-11
NTS Communications	DSL	Change: End User Category update from 1 to 5, since provider offers same service/speeds to both residential and business subscribers.	0
NTS Communications	Fiber	Change: End User Category update from 1 to 5, since provider offers same service/speeds to both residential and business subscribers.	0
Panhandle Telephone Cooperative, Inc.	Cable	Change: Provider upgraded equipment to DOCSIS 3.0 and speeds of tier 9 download can now be achieved.	0
Panhandle Telephone Cooperative, Inc.	DSL	Change: Provider upgraded infrastructure and can now offer tier 8 and 9 download speeds in select areas of Perryton, TX.	0
Panhandle Telephone Cooperative, Inc.	Fixed Wireless	Change: Network expansion (provider installed two additional towers), and propagations were recreated on all existing towers to increase the service radius.	N/A
Pathwayz Communications, Inc.	DSL	Change: End User Category update from 1 to 5, since provider offers same service/speeds to both residential and business subscribers.	0
Pathwayz Communications, Inc.	Fixed Wireless	Change: End User Category update from 1 to 5, since provider offers same service/speeds to both residential and business subscribers.	N/A

Peoples Communication, Inc.	DSL	Change: Provider resubmitted exchange boundary which showed a slight shift in coverage.	-1
Peoples Communication, Inc.	Fiber	Change: New business-only platform for this provider (FTTH).	9454
Peoples Communication, Inc.	Fixed Wireless	Change: Network expansion (provider installed several new 3650 MHz towers with a max download speed of tier 6).	N/A
Phoenix Broadband, LLC	Fixed Wireless	Change: End User Category update from 1 to 5, since provider offers same service/speeds to both residential and business subscribers.	N/A
Plains Computing	Fixed Wireless	Correction: New fixed wireless provider identified that was previously in service.	N/A
Poka Lambro Telephone Cooperative, Inc.	Fiber	Change: Provider expanded fiber-to-the-home network.	172
Poka Lambro Telephone Cooperative, Inc.	Fixed Wireless	Change: Provider decommissioned three tower sites, due to FTTH build-out, thereby decreasing their coverage area.	N/A
Rioplex Wireless LTD	Fixed Wireless	Change: End User Category update from 1 to 5, since provider offers same service/speeds to both residential and business subscribers.	N/A
Rock Solid Internet & Telephone	Fixed Wireless	Change: End User Category update from 1 to 5, since provider offers same service/speeds to both residential and business subscribers.	N/A
Santa Rosa Telephone Cooperative, Inc.	DSL (Residential)	Change: Provider upgraded infrastructure and can now offer tier 7 download and tier 3 upload residential speeds across entire service area.	0
Santa Rosa Telephone Cooperative, Inc.	DSL (Business)	Change: Provider submitted business speeds that have higher upload speeds than their residential offerings.	3942
Santa Rosa Telephone Cooperative, Inc.	Fiber	Change: End User Category update from 1 to 5, since provider offers same service/speeds to both residential and business subscribers.	0
Santa Rosa Telephone Cooperative, Inc.	Fixed Wireless	Change: End User Category update from 1 to 5, since provider offers same service/speeds to both residential and business subscribers.	N/A

Skynet Communications	Fixed Wireless	Change: Estimated coverage was previously submitted for this non-participating provider. They have now elected to participate, and new tower propagations have been created based on the data they provided this round (and updated speeds have been submitted as well).	N/A
Skynet Country, LLC	Fixed Wireless	Change: End User Category update from 1 to 5, since provider offers same service/speeds to both residential and business subscribers.	N/A
SmartBurst, LLC	Fixed Wireless	Change: Network expansion (provider installed an additional tower) and existing tower propagations were recreated/refined. End User Category updated from 1 to 5, since provider can offer the same services to both residential and business subscribers.	N/A
SOS Communications LLC	Fixed Wireless	Change: Network expansion (provider installed several new towers) and upgraded infrastructure to allow tier 5 upload speeds across entire service area.	N/A
South Plains Telephone Cooperative, Inc.	DSL	Change: End User Category update from 1 to 5, since provider offers same service/speeds to both residential and business subscribers.	0
South Plains Telephone Cooperative, Inc.	Fiber	Change: Network expansion (provider increased FTTH serviceable area within their exchanges). Also, infrastructure was upgraded to allow tier 5 upload speeds, and their End User Category changed from 1 to 5, since they provide the same service to both residential and business subscribers.	179
Southwest Arkansas Telephone Cooperative, Inc.	DSL	Change: End User Category update from 1 to 5, since provider offers same service/speeds to both residential and business subscribers.	0
Southwest Arkansas Telephone Cooperative, Inc.	Fiber	Change: New platform offering (FTTH) for this provider.	39

Southwest Texas Telephone Company	DSL	Change: End User Category update from 1 to 5, since provider offers same service/speeds to both residential and business subscribers.	0
Southwest Texas Telephone Company	Fiber	Change: End User Category update from 1 to 5, since provider offers same service/speeds to both residential and business subscribers.	0
Southwest Texas Telephone Company	Fixed Wireless	Change: End User Category update from 1 to 5, since provider offers same service/speeds to both residential and business subscribers.	N/A
Sprint Nextel Corporation	Mobile Wireless	Change and/or Correction: Provider submitted entirely new dataset for April 2014 submission.	N/A
Taylor Telephone Cooperative, Inc.	DSL	Change: End User Category update from 1 to 5, since provider offers same service/speeds to both residential and business subscribers.	0
Taylor Telephone Cooperative, Inc.	Fiber	Change: End User Category update from 1 to 5, since provider offers same service/speeds to both residential and business subscribers.	0
Texas Communications	Fixed Wireless	Change: Network expansion (provider installed several new towers in each of their three marketing areas). End User Category updated from 1 to 5, since provider can offer the same services to both residential and business subscribers.	N/A
Texas Wireless Internet	Fixed Wireless	Change: End User Category update from 1 to 5, since provider offers same service/speeds to both residential and business subscribers.	N/A
Texhoma Wireless, L.L.C.	Fixed Wireless	Change: End User Category update from 1 to 5, since provider offers same service/speeds to both residential and business subscribers.	N/A
Texoma Communications, LLC	Fixed Wireless	Correction: Texoma Communications was previously non-responsive, but they provided data this round.	N/A
TGM Pinnacle Network Solutions, LLC	Fixed Wireless	Correction: Provider previously refused to participate in the program, but chose to submit data this round.	N/A

Time Warner Cable Inc.	Cable	Change and/or Correction: Provider submitted entirely new dataset for April 2014 submission.	-2043
T-Mobile USA, Inc.	Mobile Wireless	Change and/or Correction: Provider submitted entirely new dataset for April 2014 submission.	N/A
Totelcom Communications, LLC	DSL	Change: End User Category update from 1 to 5, since provider offers same service/speeds to both residential and business subscribers.	0
Totelcom Communications, LLC	Fixed Wireless	Change: End User Category update from 1 to 5, since provider offers same service/speeds to both residential and business subscribers.	N/A
TransWorld Network Corporation	Fixed Wireless	Change: Provider submitted entirely new propagations this round, which show additional tower installations. End User Category was changed from 1 to 5, since they can provide the same service to both residential and business subscribers.	N/A
tw telecom of texas, llc	DSL	Change and/or Correction: Provider submitted entirely new dataset for April 2014 submission.	354
tw telecom of texas, llc	Fiber	Change and/or Correction: Provider submitted entirely new dataset for April 2014 submission.	308
Unified Communications, Inc,	Fixed Wireless	Correction: ZochNet previously refused to participate, but they voluntarily provided data this round.	N/A
United States Cellular Corporation	Mobile Wireless	Change: Provider submitted new/expanded dataset for their LTE coverage only.	N/A
UNSI	Backhaul	Change: Provider name changed from Airband Communications to UNSI; Airband is still a d.b.a. name.	N/A
Verizon Southwest, Inc.	DSL	Change and/or Correction: Provider submitted entirely new dataset for April 2014 submission.	-185
Verizon Southwest, Inc.	Fiber	Change and/or Correction: Provider submitted entirely new dataset for April 2014 submission.	87
Verizon Southwest, Inc.	Mobile Wireless	Change and/or Correction: Provider submitted entirely new dataset for April 2014 submission.	N/A

Versalink Enterprises, LLC	Cable	Change: End User Category update from 1 to 5, since provider offers same service/speeds to both residential and business subscribers.	0
ViaSat, Inc.	Satellite	Change: Provider decreased coverage, as they can no longer service the TX panhandle and El Paso regions.	N/A
Web Fire Communications	DSL	Change: End User Category update from 1 to 5, since provider offers same service/speeds to both residential and business subscribers.	0
West Texas Rural Telephone Cooperative, Inc.	Cable	Change: End User Category update from 1 to 5, since provider offers same service/speeds to both residential and business subscribers.	0
West Texas Rural Telephone Cooperative, Inc.	DSL	Change: Network expansion (provider installed an additional remote terminal) and End User Category changed from 1 to 5, since provider can offer same service to both residential and business subscribers.	15
West Texas Rural Telephone Cooperative, Inc.	Fiber	Change: Network expansion (provider added additional FTTH area around Bushland) and End User Category updated from 1 to 5, since provider can offer the same services to both residential and business subscribers.	3
Wharton County Electric Cooperative, Inc.	Fixed Wireless	Change: Network expansion (provider installed four additional tower sites).	N/A
Windstream Communications	DSL	Change and/or Correction: Provider submitted entirely new dataset for April 2014 submission.	-8597
Wireless Internet Corp	Fixed Wireless	Change: End User Category update from 1 to 5, since provider offers same service/speeds to both residential and business subscribers.	N/A
Worldcall Interconnect, Inc.	Mobile Wireless	Correction: Newly identified mobile provider that was previously in service.	N/A
XIT Telecommunications & Technology, Ltd.	DSL	Change: Decrease in DSL service area due to FTTH build-out (removal of four DSLAMs). End User Category updated from 1 to 5, since provider can offer the same services to both residential and business subscribers.	-184

XIT Telecommunications & Technology, Ltd.	Fiber	Change: Provider expanded their fiber-to-the-home area.	134
Zito Midwest, LLC	Cable (Residential)	Change: Provider upgraded to DOCSIS 3.0 technology and residential download speeds are now advertised at tier 9.	0
Zito Midwest, LLC	Cable (Business)	Change: Provider offers higher speeds (50M/5M) to business end-users. Used previously supplied residential, as provider stated both residential and business offerings are offered in the same location.	2325



Changes

All West: Increased DSL speeds, increased fiber coverage
AT&T: Expanded coverage
AWI: Small expansion, defined end user as either residential or business
Baja Broadband: Expanded cable coverage
CentraCom Interactive: Expanded fiber coverage
CenturyLink: Little coverage change, updated speeds in some areas
Charter Communications: Small change to service
Clear: Acquired by Sprint
Connex: Increased speeds
Digis: Slight adjustment to coverage area
Farmer's Telephone: Increased speeds
Frontier: Increased speeds in some areas
InfoWest: Slightly expanded coverage area
Level 3 Communications: Little change to service area
MegaPath Corporation: Little change to service area
River Canyon Wireless: Expanded service area
South Central Communications: Increased residential speeds in some areas. Updated most cable to DOCSIS 3.0
Spanish Fork Community Network: Increased speeds
Sprint: FRN changed, little change to service area
Strata Networks: Little change to service area
Syringa Networks: Increased coverage area
T-Mobile: Little change
UTOPIA: Little change
Veracity: Added business only fiber in Provo
Verizon Wireless: Expanded service/4G
Vivint: New fixed wireless provider to the market this round
Webwave: Expanded service area
Xpressweb Internet Services: Expanded fiber area

Corrections

New Providers to the Project this round:

AF Connect: New wireline provider to the project
Blue Spring Broadband: New fixed wireless provider to the project
Choice NTUA Wireless: New mobile wireless provider to the project
High Speed Utah: New fixed wireless provider to the project. Mapped service area based on public information.
I Web Conn: New fixed wireless provider to the project
Keystone: New fixed wireless provider to the project
SenaWave: New fixed wireless provider to the project
Skywire Communications: New business only fiber wireline provider to the project. Provider previously just reported wireless coverage which was sold to Wildfire Broadband last round.
The Blue Zone Utah: New fixed wireless provider to the project

Other corrections:

Beehive Broadband: Added fiber coverage
Comcast: Met with Comcast locally to conduct a thorough verification of Comcast's Utah data. Edited data in 24 locations based on feedback from Comcast. Comcast also updated their data this round, although it had little change from last data update in Fall 2013.
Neighborhood ISP: Provider increased accuracy of coverage area
South Central Communications: Added business-only availability to provider data
Utah Broadband: Added business-only availability to provider data
Veracity: Provider re-visited how they had been submitting data. They are now no longer submitting areas that they resell.
Wildfire Broadband: Increased accuracy of coverage area

Wireline Change Analysis:

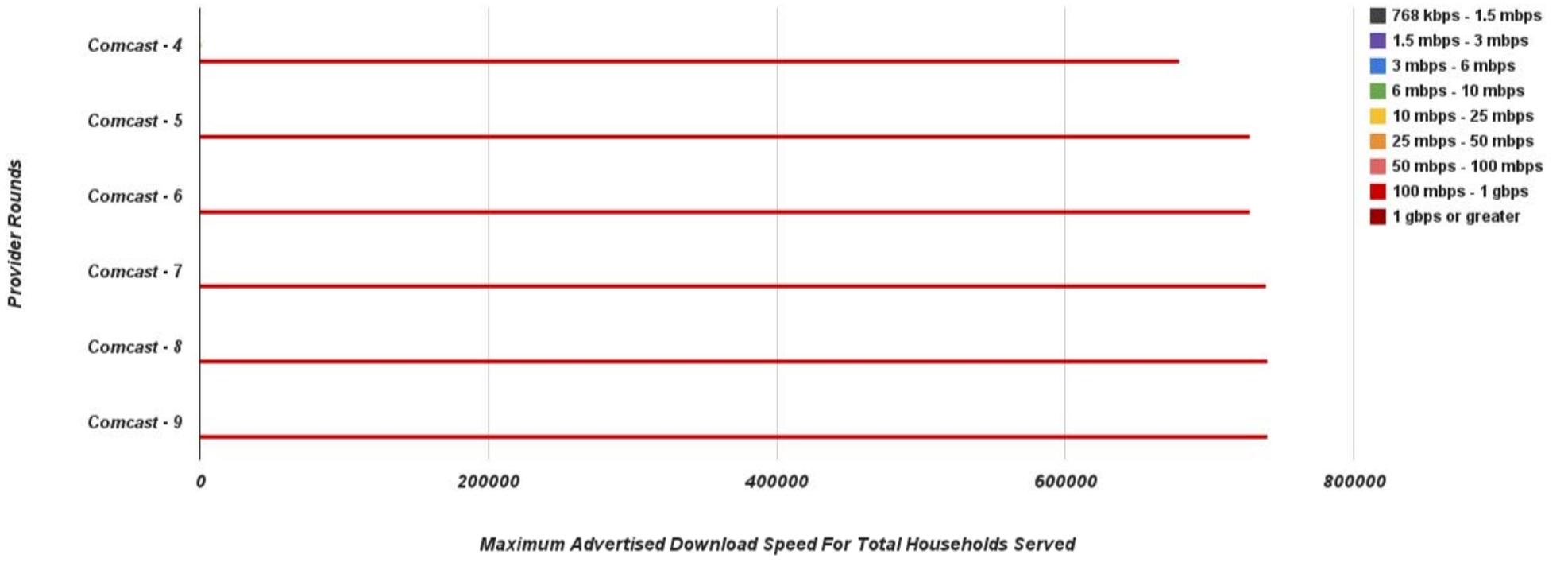
This round, the Utah Broadband Project Mapping Team analyzed the change in number of households covered by wireline providers over data submission rounds 4 - 9. The resulting change analysis is illustrated in the following graphs. Each wireline provider has its own graph, which shows for each submission round how many households were served by that provider at each speed tier.

The source data for this analysis is Utah's previous wireline broadband data submissions, and data from the 2010 US Census Bureau.

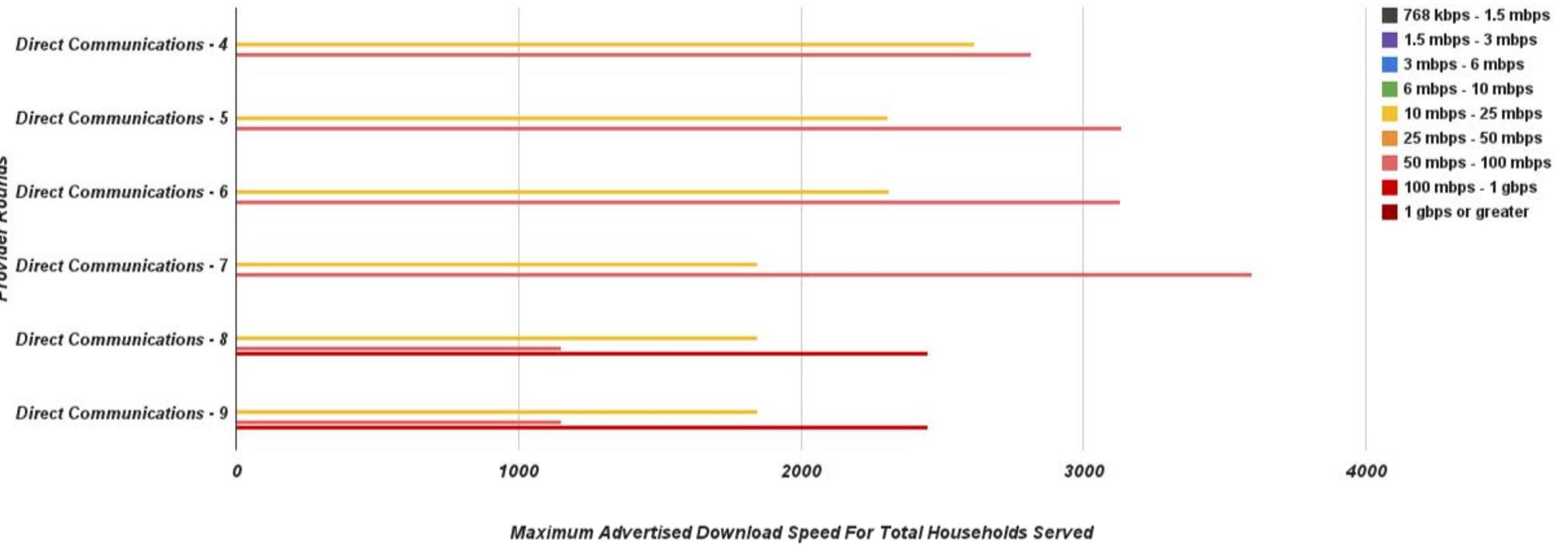
This is a preliminary analysis. Therefore, there are few things to note:

- This analysis is only for wireline providers, and only uses census blocks. Road segments were not taken into consideration.
- All end user types were included in the analysis (Residential, Business/Government, and "Other").
- All provider types were included, therefore some resold areas are represented on Veracity's graph.
- Some graphs show a major change that is due more to refined data than to change in actual service area. Emery Telecom and South Central are examples. The changes on their graphs illustrate the data better reflecting what is being marketed towards residential vs business customers.

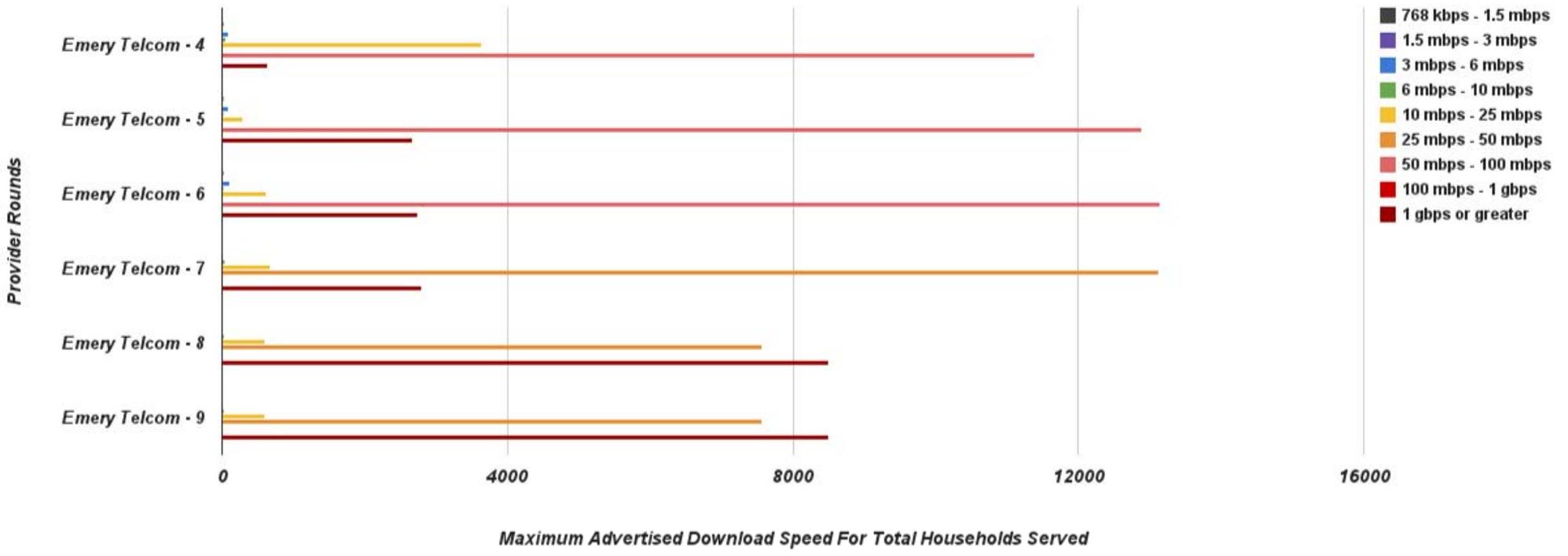
Provider Households Served



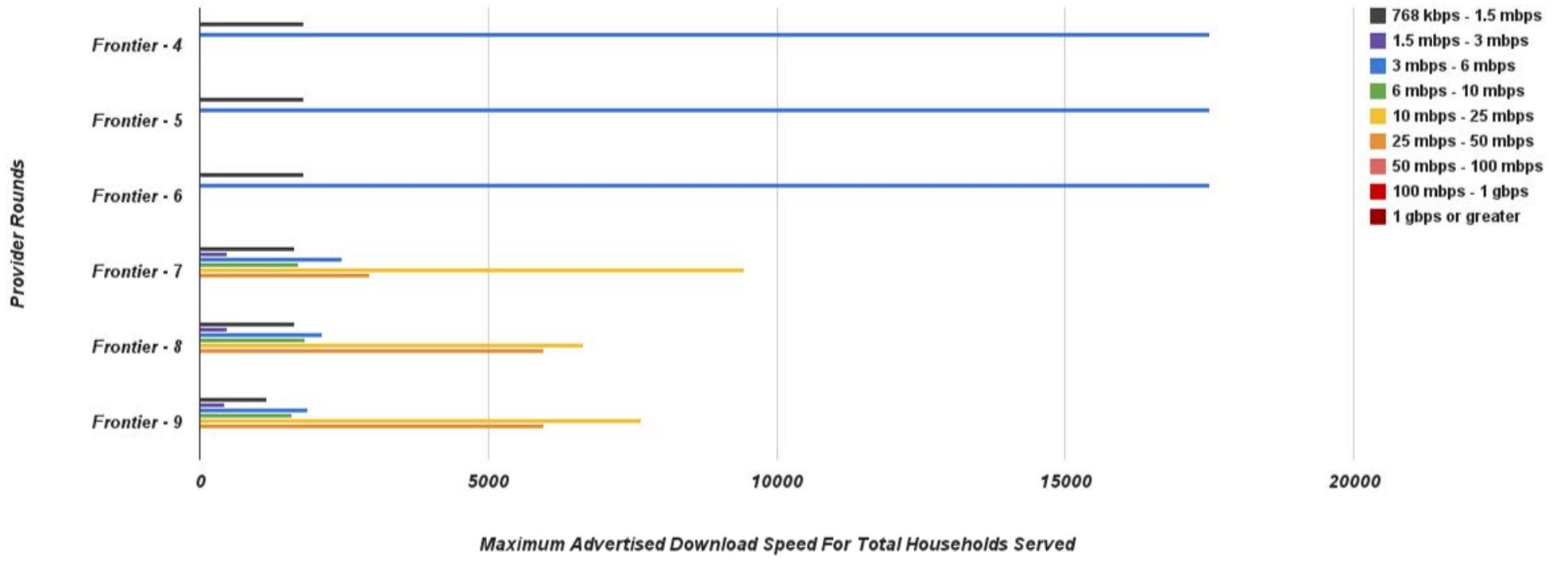
Provider Households Served



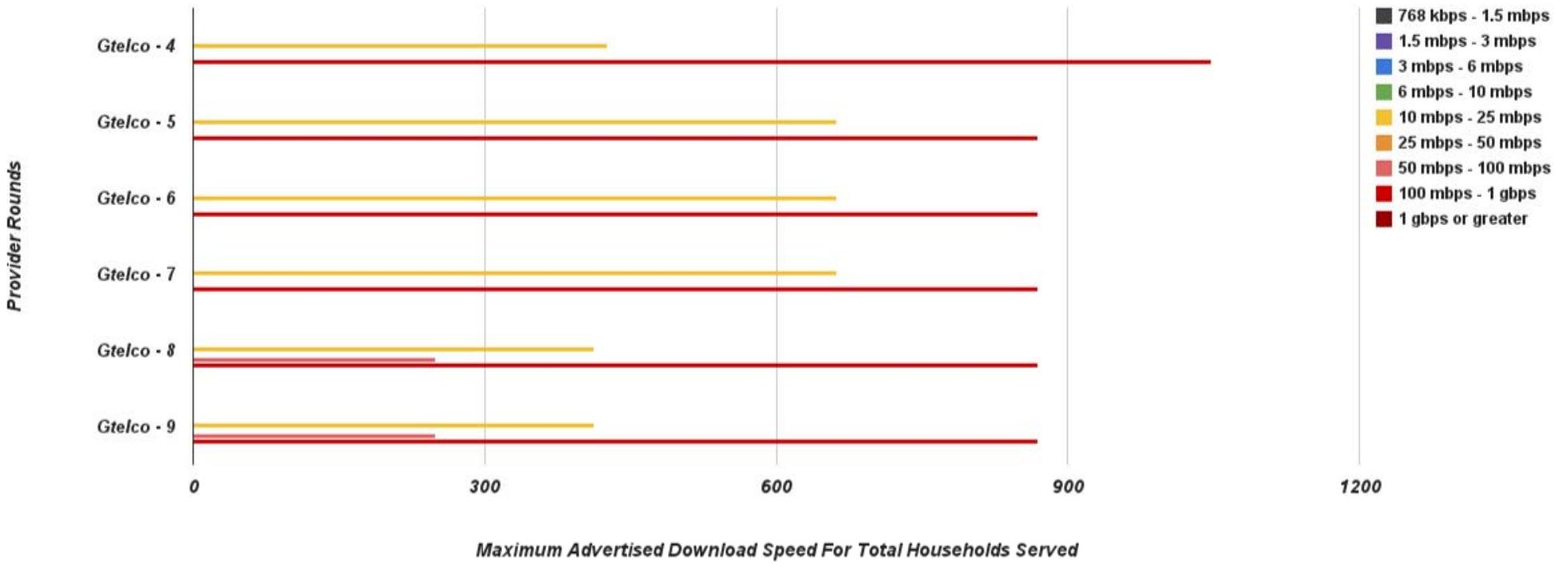
Provider Households Served



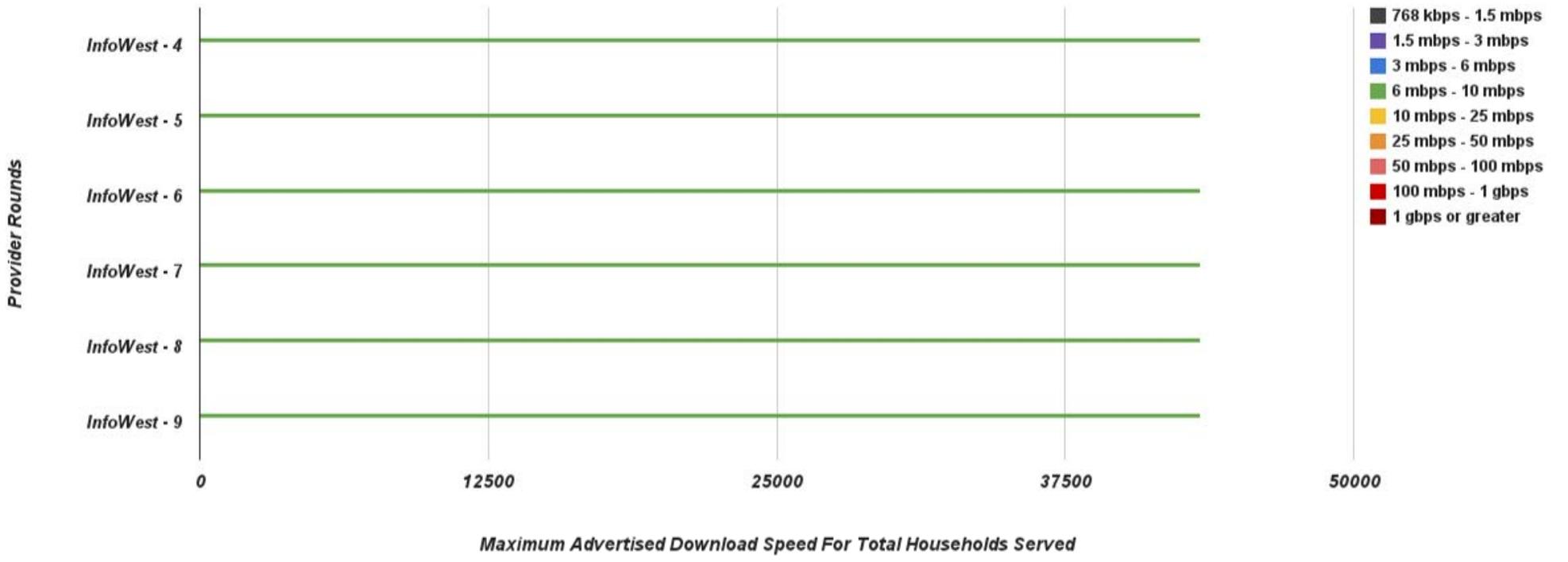
Provider Households Served



Provider Households Served



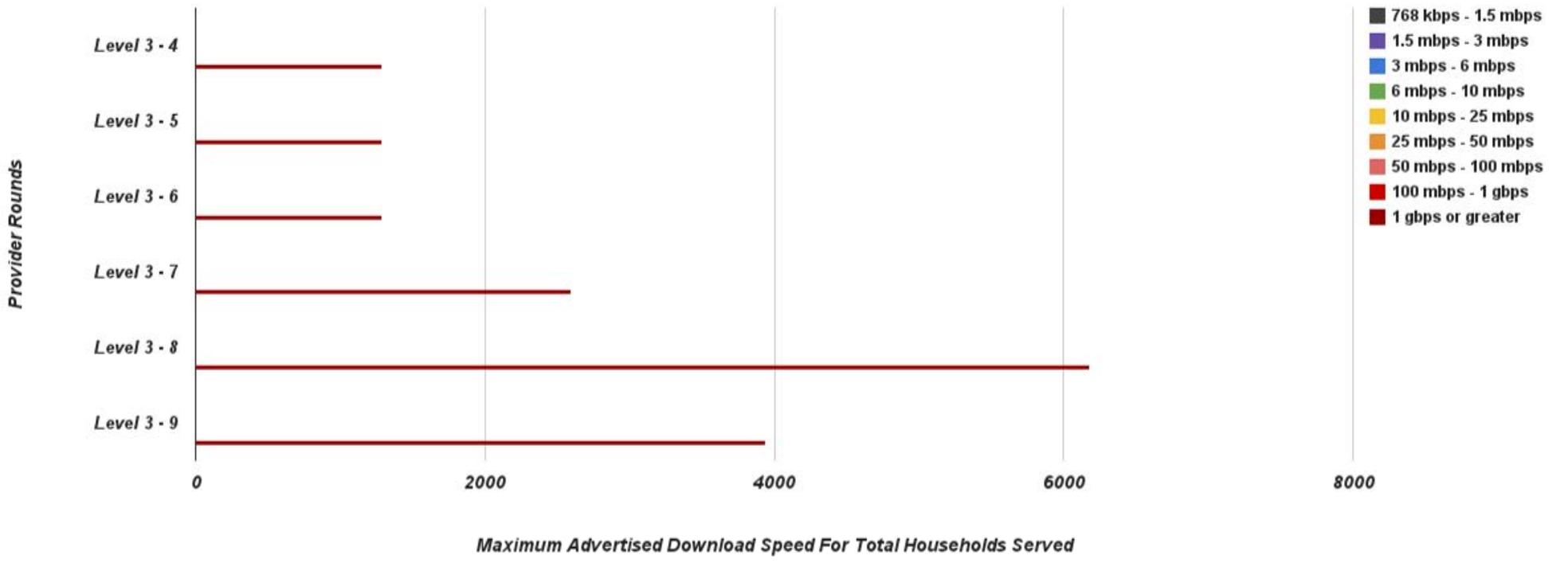
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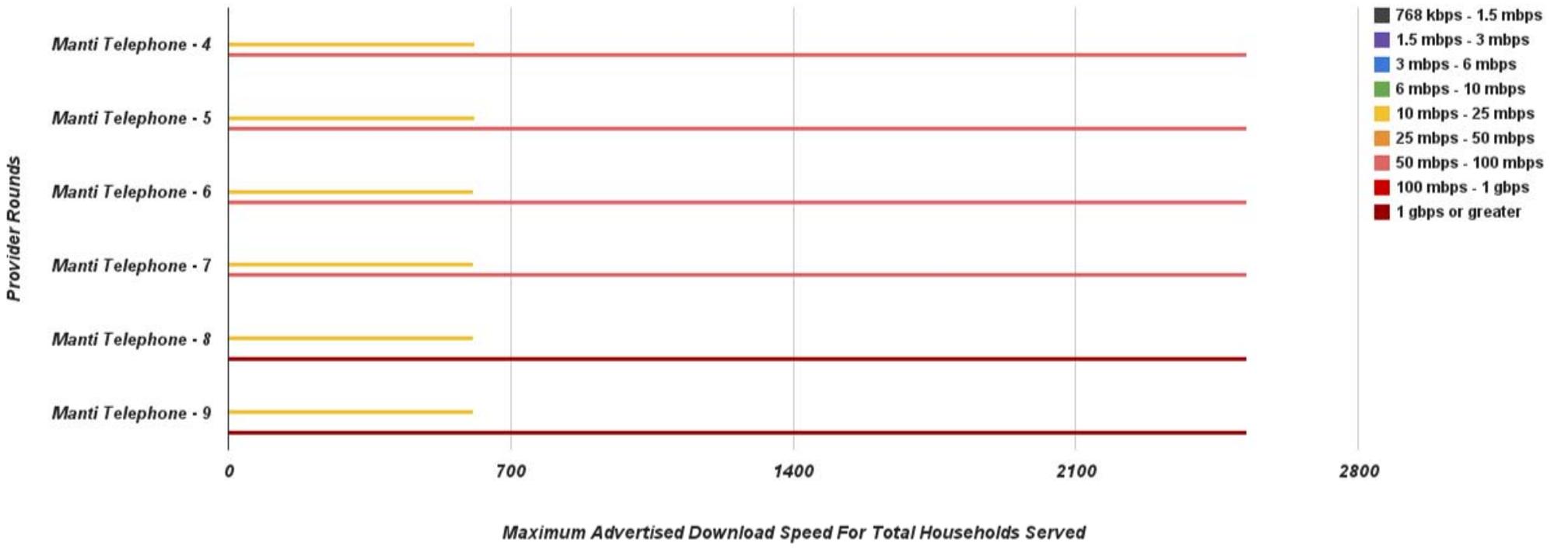
Provider Households Served



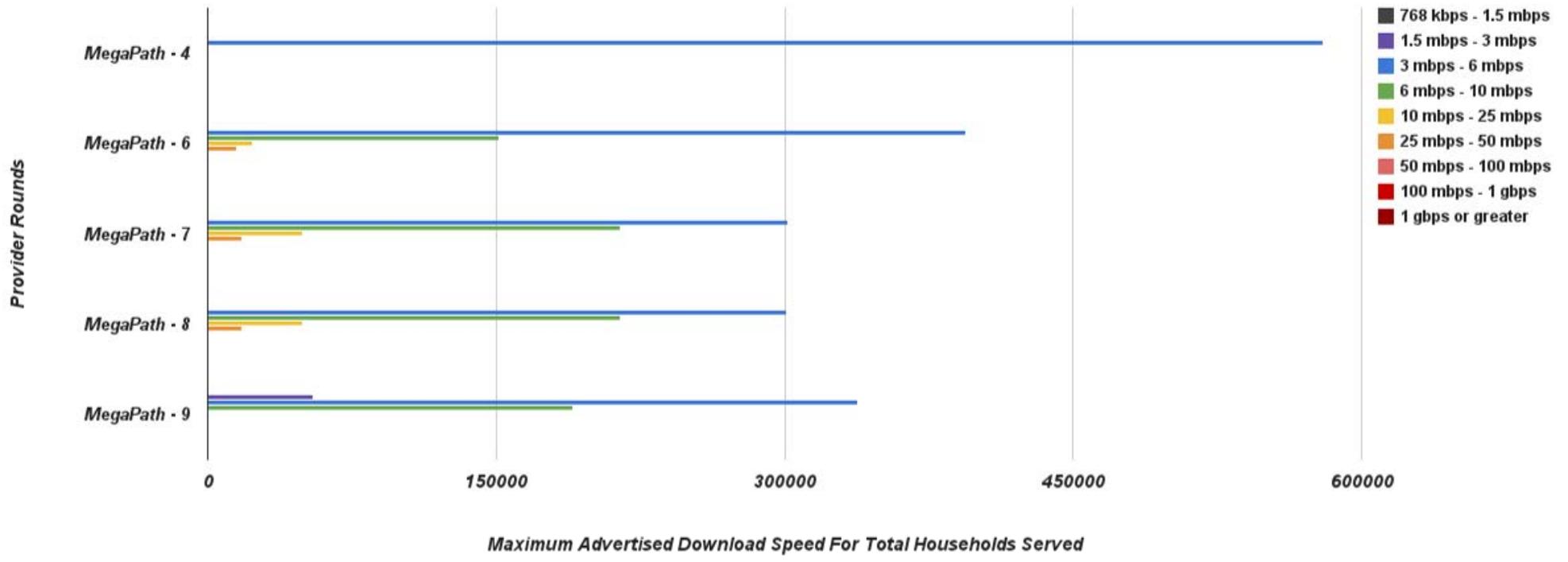
Provider Households Served



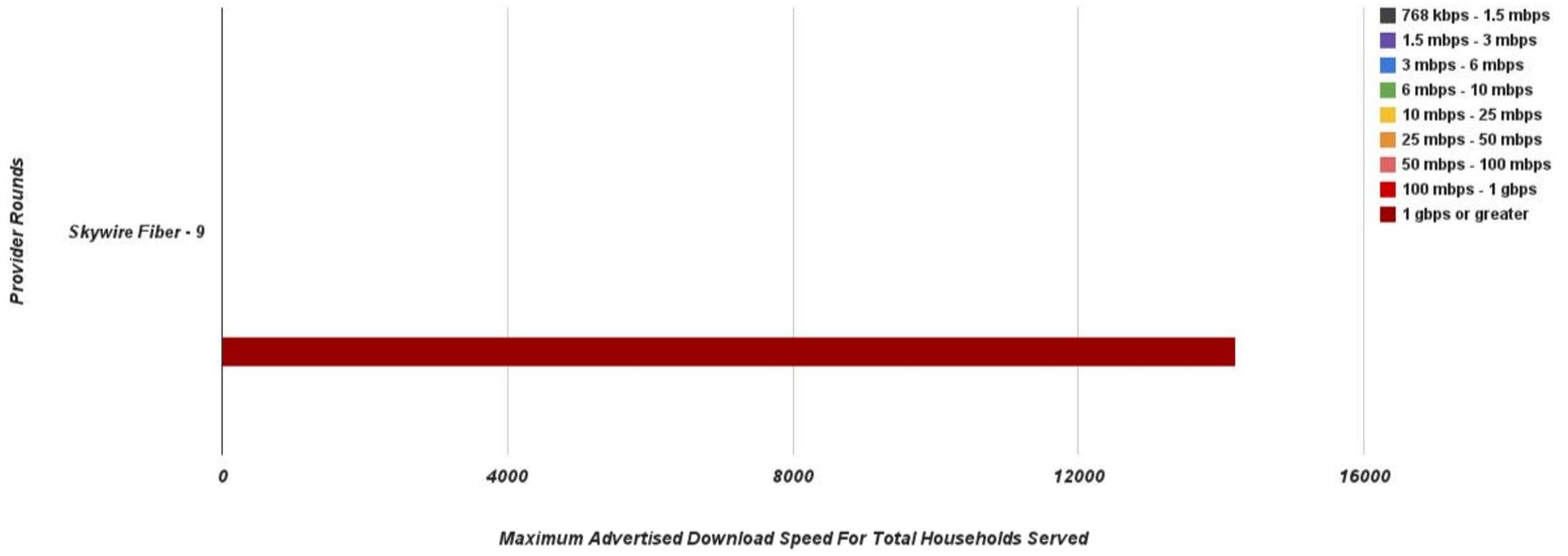
Provider Households Served



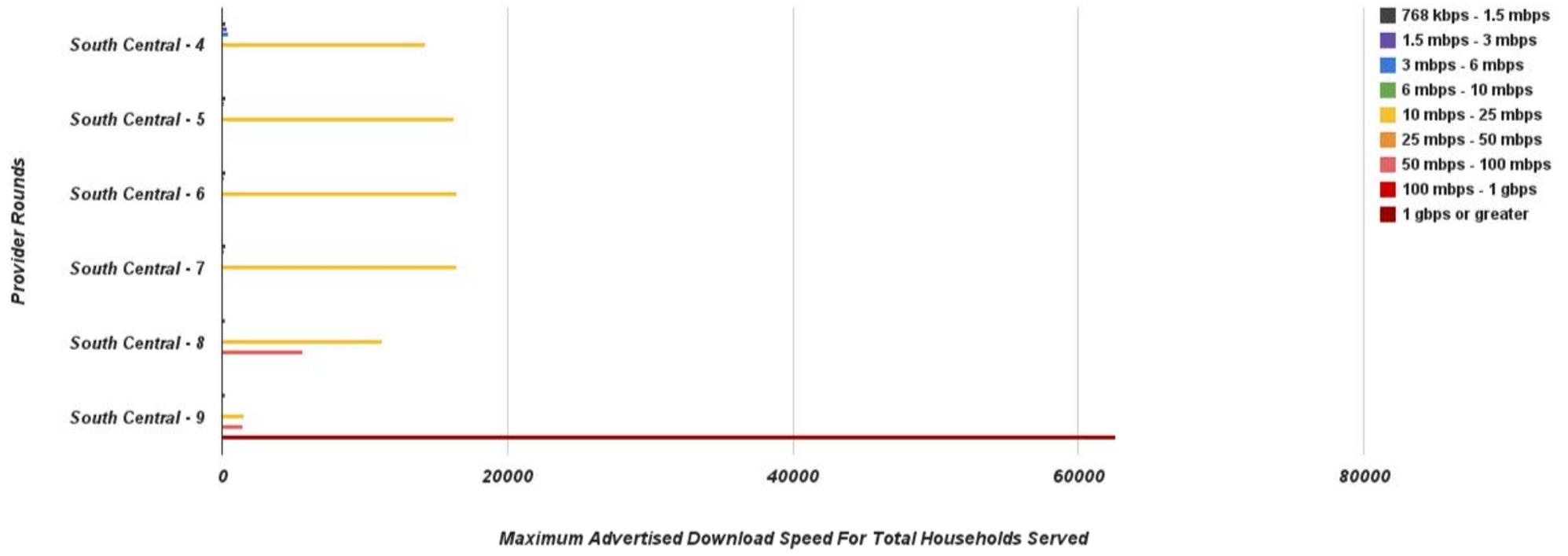
Provider Households Served



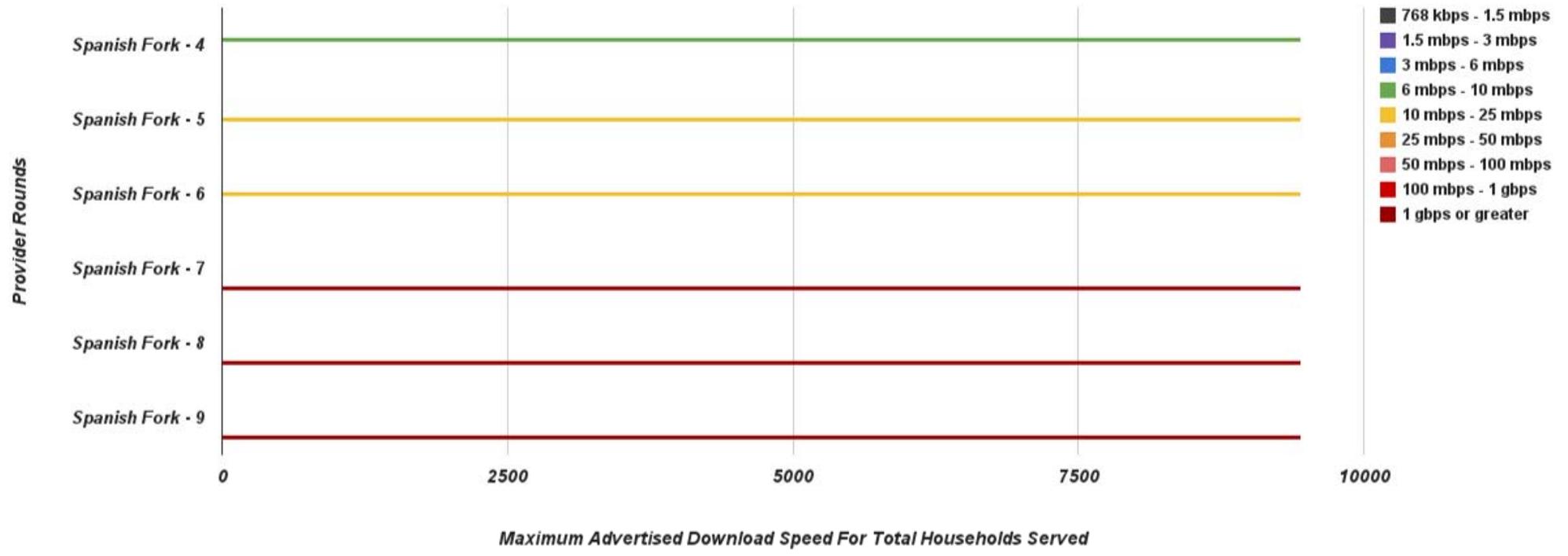
Provider Households Served



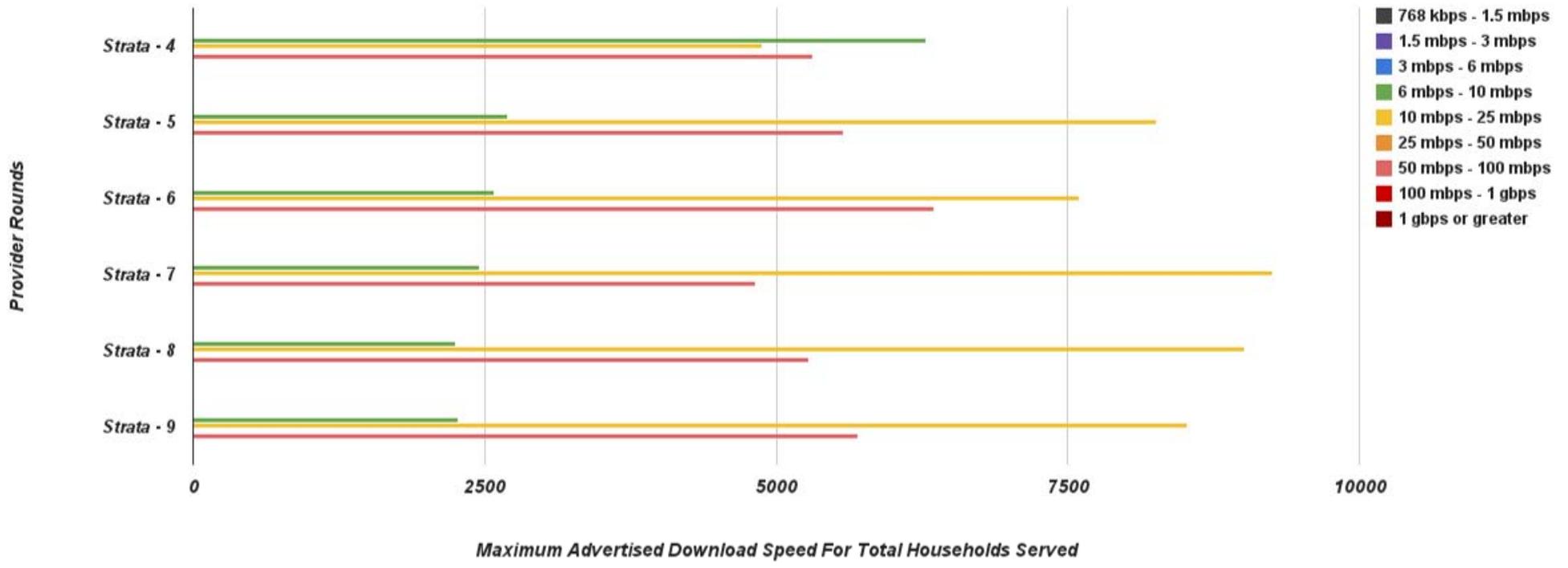
Provider Households Served



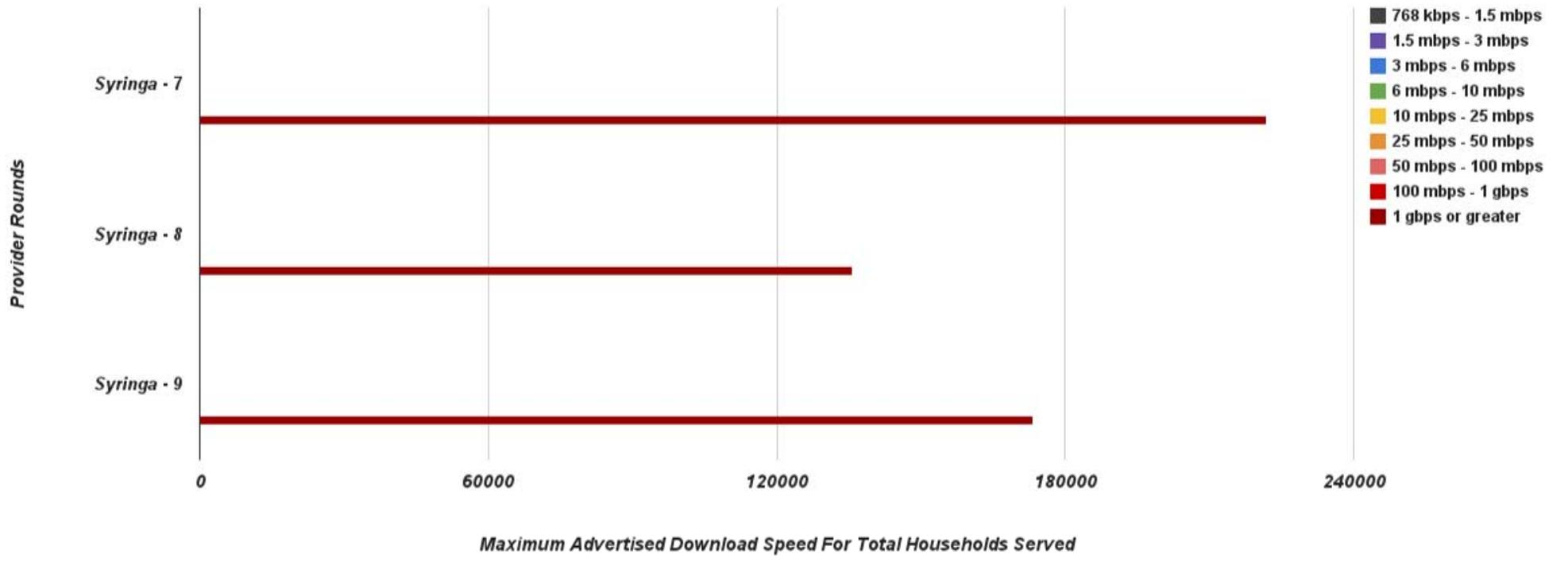
Provider Households Served



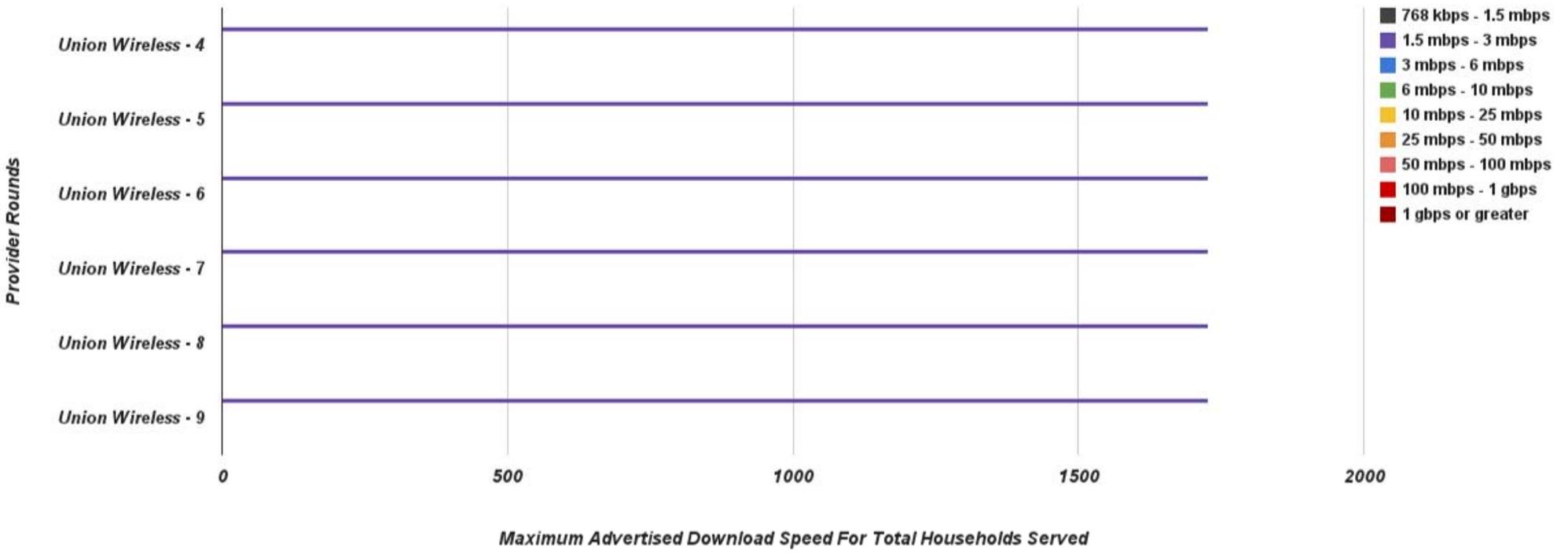
Provider Households Served



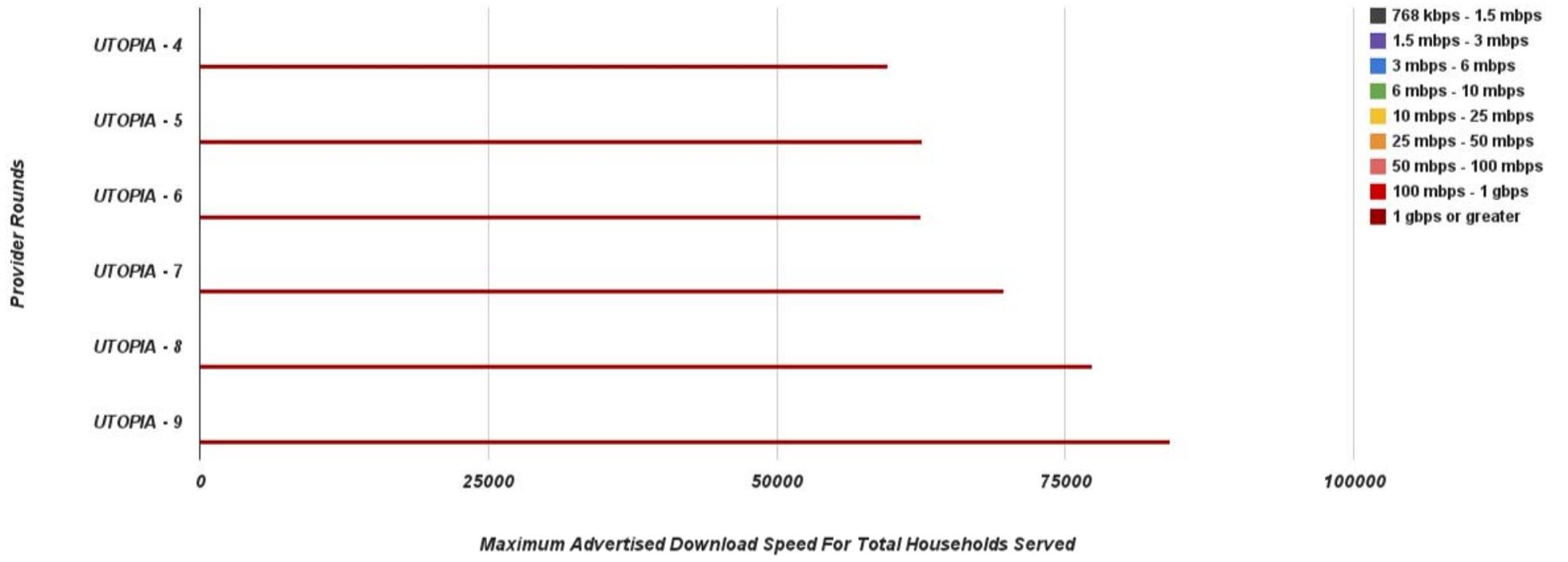
Provider Households Served



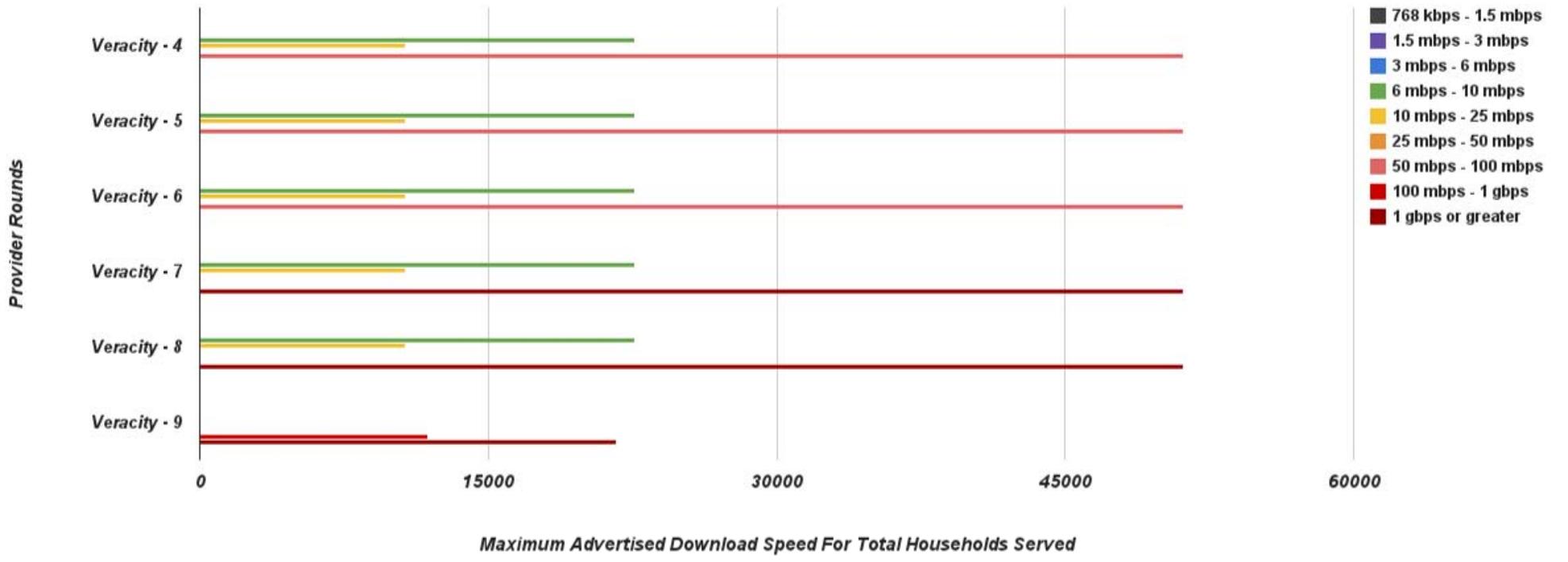
Provider Households Served



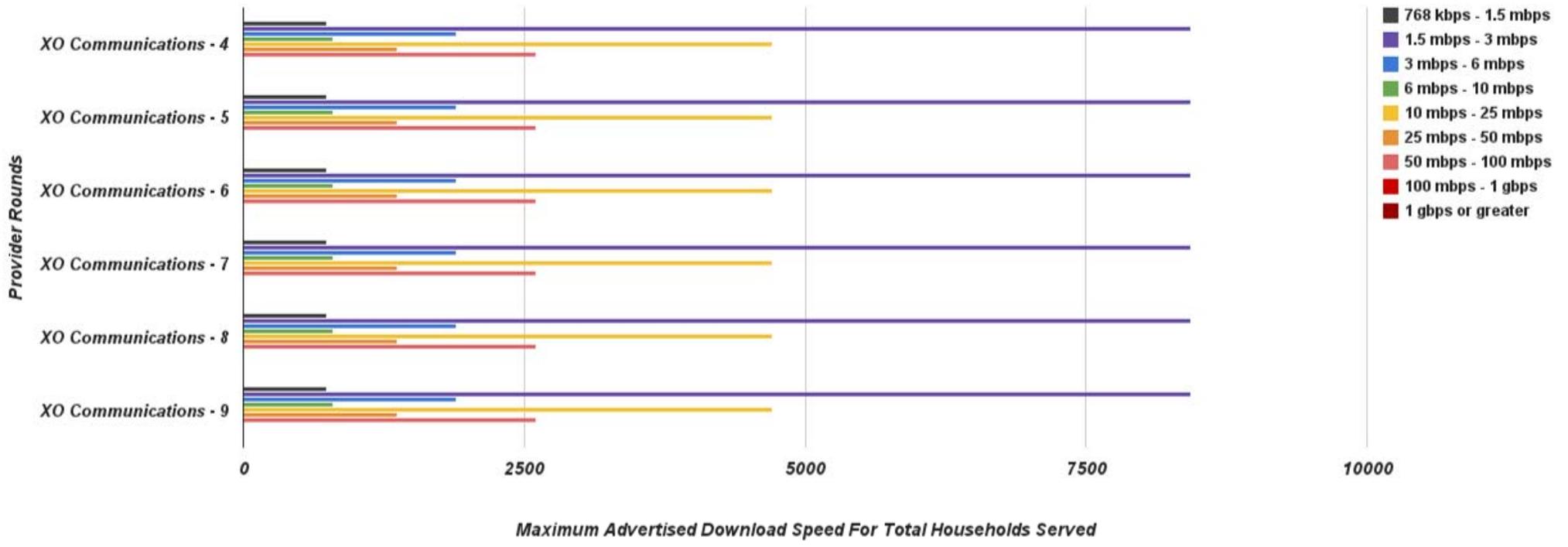
Provider Households Served



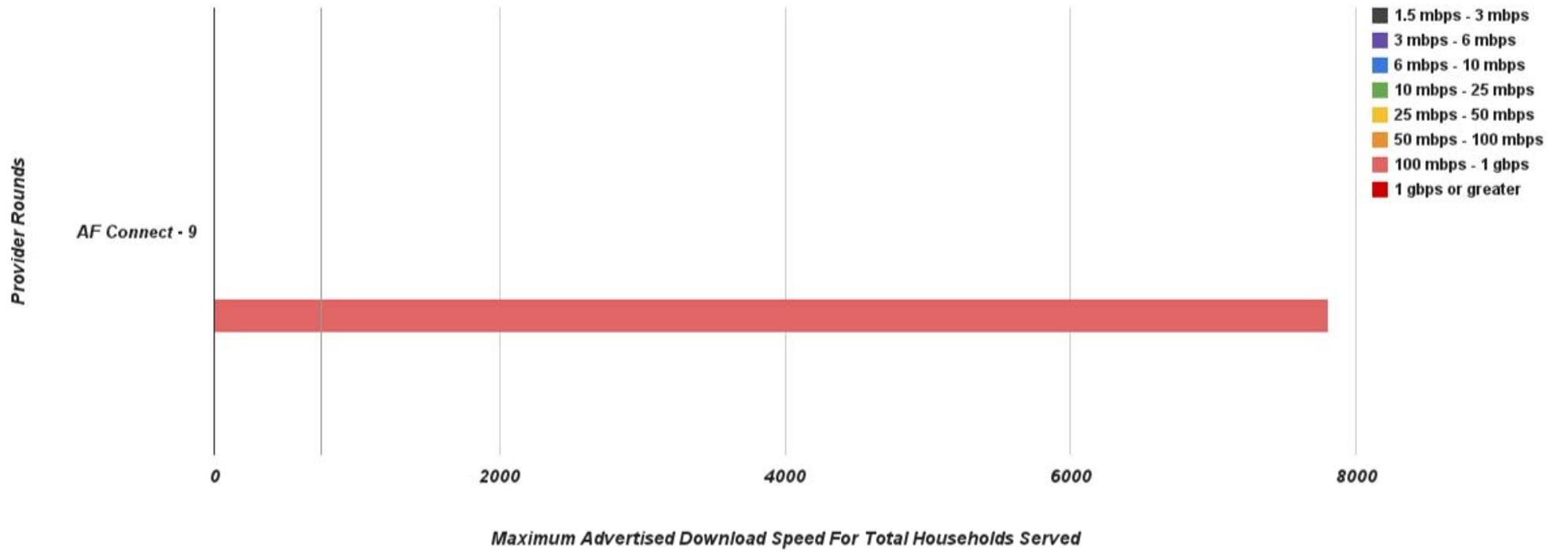
Provider Households Served



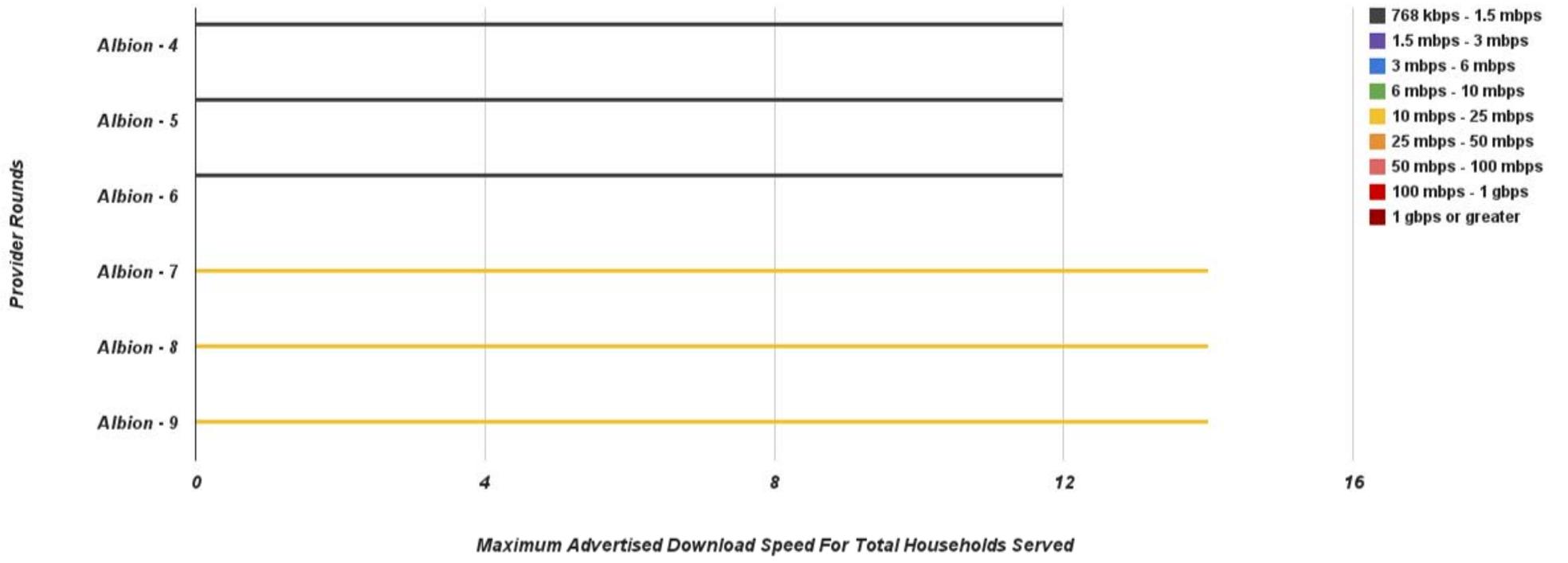
Provider Households Served



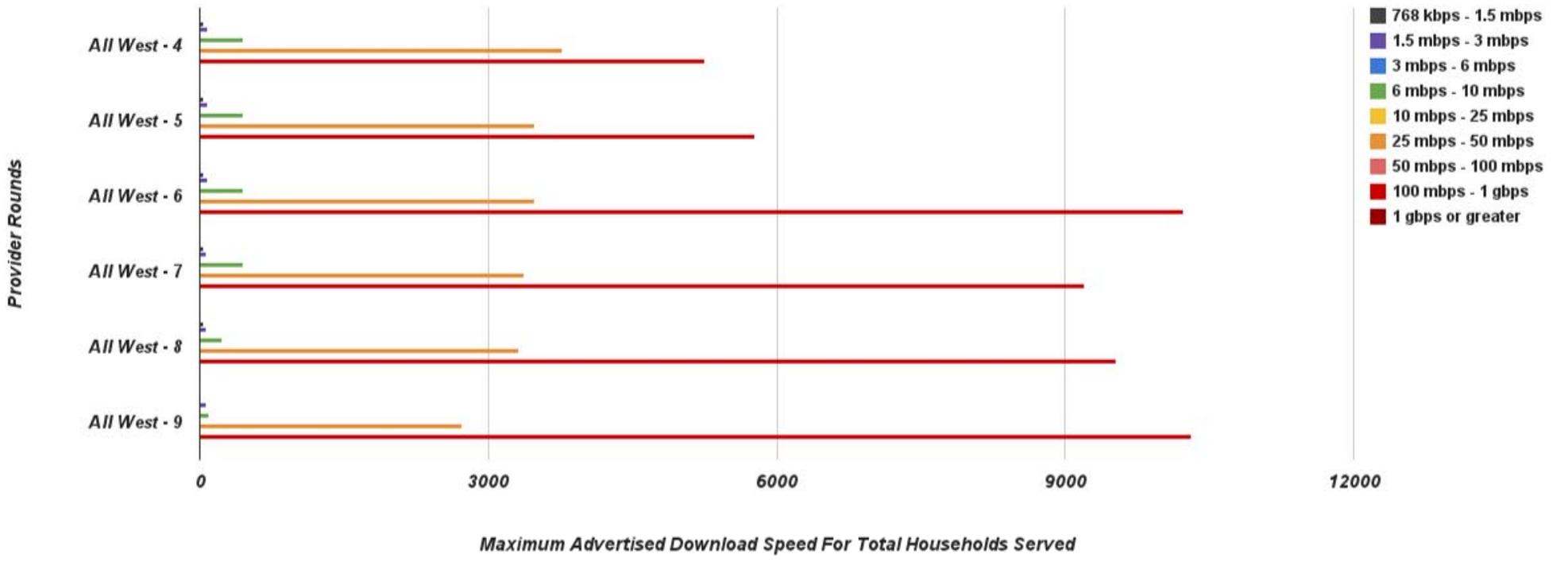
Provider Households Served



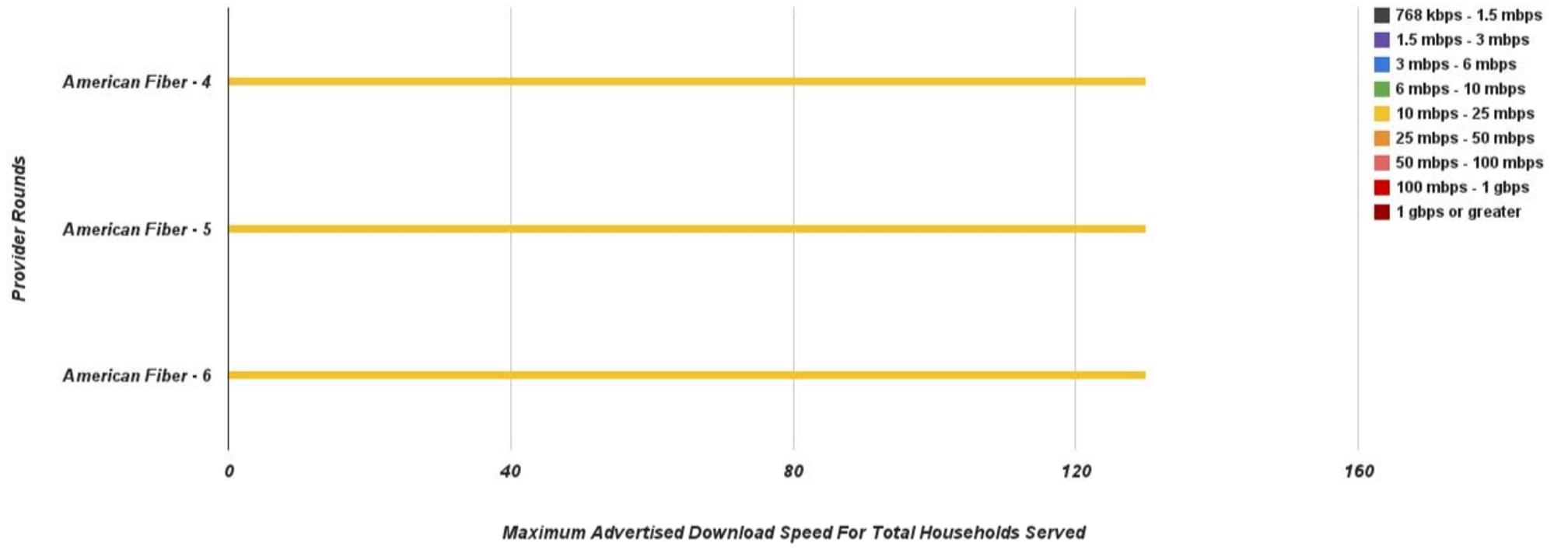
Provider Households Served



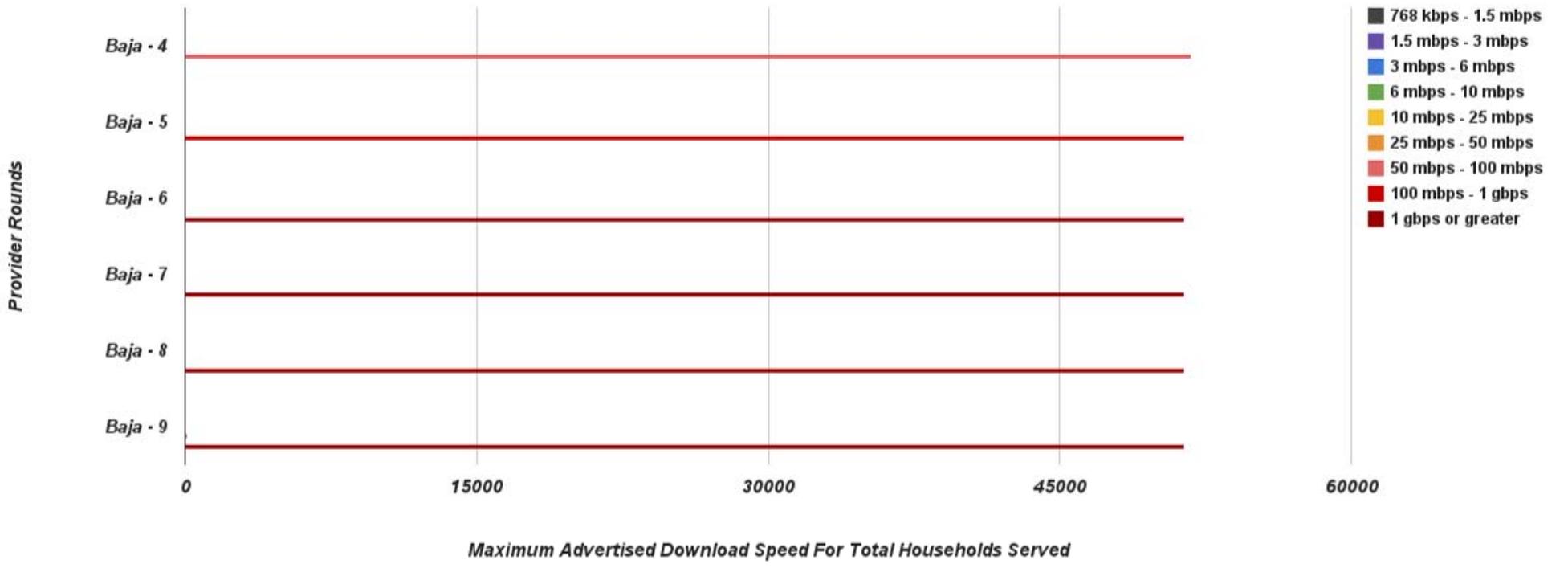
Provider Households Served



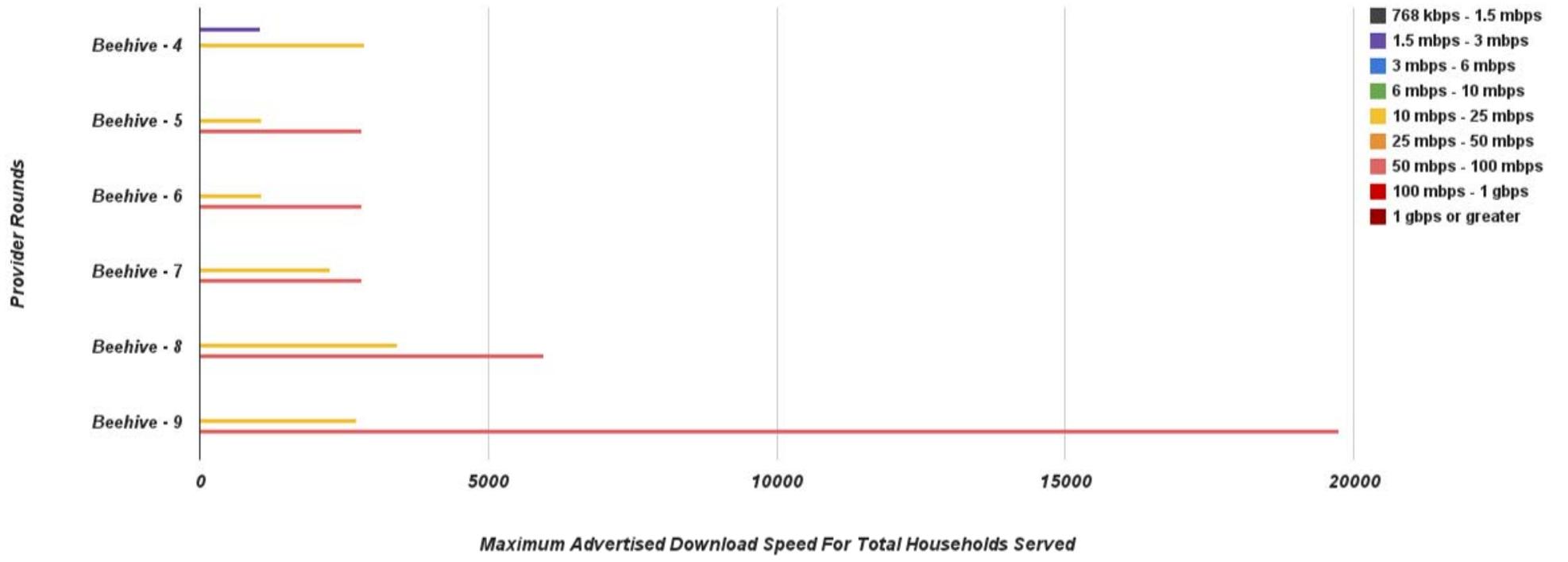
Provider Households Served



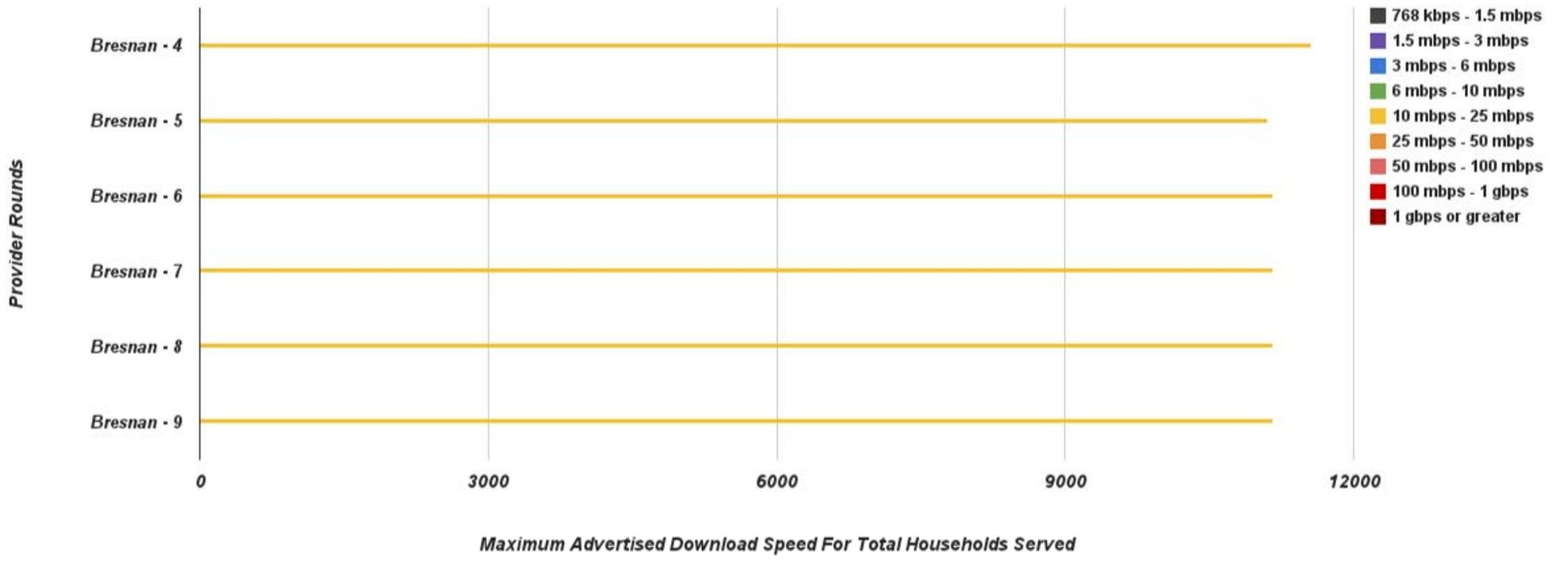
Provider Households Served



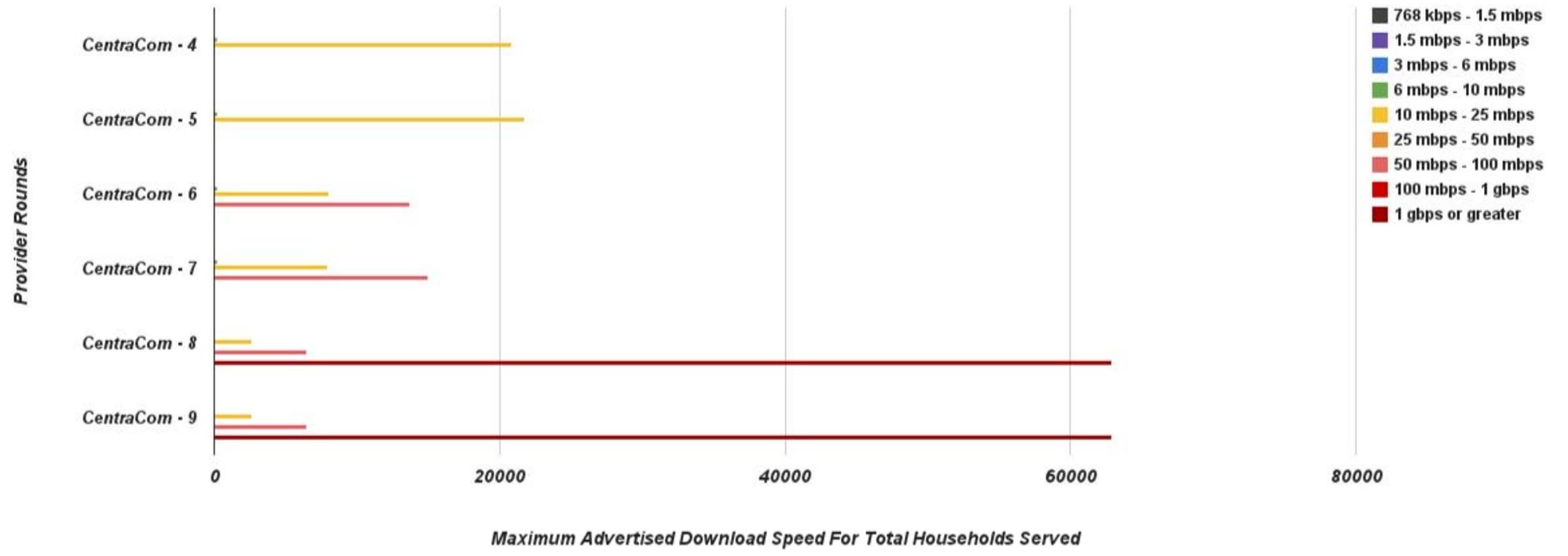
Provider Households Served



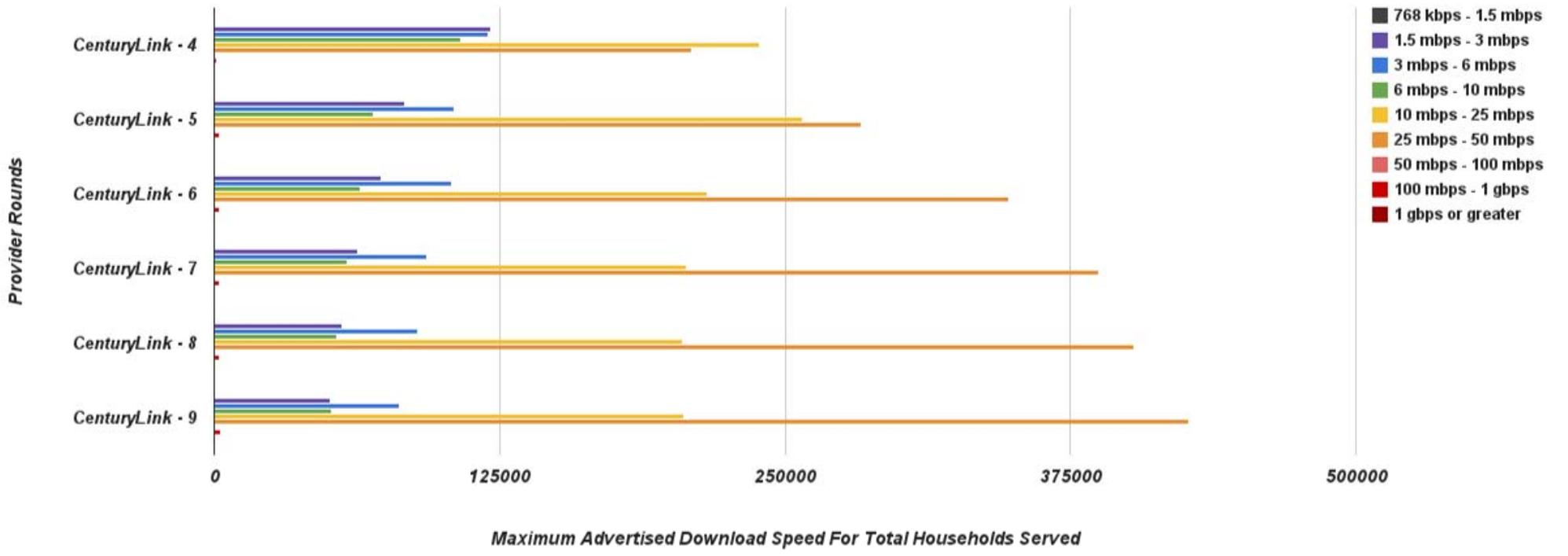
Provider Households Served



Provider Households Served



Provider Households Served



Virginia Broadband Data Changes, Corrections, Mergers & Acquisitions

April 1, 2014

Overview:

A greater selection of road segments in census blocks greater than 2 square miles occurred due to a greater emphasis on address data and the subsequent geocoding of that data. Please see the VA_Methodology_2014_04_01 documentation for an in-depth explanation of the road selection method. Middle Mile data decreased largely due to the request for removal by **Sidera Networks, LLC** (0006254403) and a large decrease in **Level 3 Communications** (0003723822). As a whole, broadband availability by coverage area increased in Virginia since the fall of 2013.

Feature Class	Fall 2013 Count	Spring 2014 Count
Census Blocks less than 2 square miles	415,260	422,434
Road Segments outside of census blocks less than 2 square miles	73,009	80,711
Wireless polygon coverage area(s)	46	45
Middle Mile points	464	414
Community Anchor Institution points	6,218	6,361

Changes:

- **Charter Communications** (0017179383) did not show a significant increase in coverage area, rather a change in transmission technology to a majority of Cable Modem DOCSIS 3.0.
- **Citizens CableVision, Inc.** (0009485343) increased their Cable Modem – Other coverage area in New Castle, Virginia.
- **Eastern Shore Communications** (0021759212) increased their coverage area, but only submitted 1 wireless polygon for their entire coverage area instead of 3 polygons as they did in the fall of 2013.
- **Level 3 Communications** (0003723822) demonstrated an increase of over 2000 road segments throughout Virginia due to better address data outside Census Blocks greater than 2 square miles. This address data allowed for more successful geocoding. Level 3 Communications submitted 29 fewer middle mile points in Virginia.
- **MegaPath Corporation** (0003753787) demonstrated a significant increase in Asymmetric xDSL census blocks throughout their coverage area. They also added one middle mile point in Virginia.
- **MGW Networks** (0019225366) submitted fiber coverage for the first time in 22 census blocks.
- **T-Mobile** (0006945950) submitted 2 additional middle mile points.
- **RCN Telecom Services** (0003735016) demonstrated an increase in their Copper and Cable Modem DOCSIS 3.0 coverage areas.
- **Shentel** (0021657853) submitted new fiber coverage of over 300 census blocks in Wythe and Botetourt Counties.
- **Suddenlink Communications** (0014848808) demonstrated an increase of nearly 400 road segments in Giles County due to better address data outside Census Blocks greater than 2 square miles. This better address data allowed for more successful geocoding. Suddenlink (0008628562) now only offers broadband service with Cable Modem DOCSIS 3.0.
- **Verizon Wireless** (0003290673) submitted an additional wireless polygon of Advanced Wireless Services spectrum.

New carriers:

- **Cogent** (0019066034); Wireline
- **New River Valley Unwired** (0017732157); Wireless
- **PemTel** (0002061653); Wireline
- **WVVA.net** (0201990049); Wireless

Removed:

- **NOVECnet** (0542001851) is a reseller of broadband.
- **Sidera Networks, LLC** (0006254403) requested to not be included in the NTIA submittal. We asked them to explain their request for removal, but they have not done so. The removal of Sidera Networks, LLC resulted in the loss of 19 middle mile points.
- **The Wired Road** (0020153854) was removed from the dataset because accurate data was not submitted before April 1, 2014. We intend to work with the Wired Road throughout the summer to represent their coverage. The removal of the Wired Road resulted in the loss of 1 middle mile point and 1 wireless polygon.
- **Zayo** (0016555849) is a reseller of broadband.

Community Anchor Institutions:

While the CAI dataset did not undergo a large increase in data points, it did experience change within the broadband speed attribution. The Virginia Department of Education initiated a speed test for most public schools as a part of the Virginia Education Superhighway. At this time, the transmission technology was not tested so those values are default. In some cases, the download and upload speeds vary because these tests were conducted individually by employees of the institution over a short period of time. Over time, the data will improve with a greater number of tests. Please see the VA_Methodology_2014_04_01 document for further discussion about CAI data collection.

Corrections:

The new Provider Name for Verizon Virginia, Inc. middle mile data is MCI Communications Services, Inc. This is a correction from previous submittals that stated that Verizon Virginia, Inc. was both the Provider and DBA name. In the fall, 8 middle mile locations were submitted for Cox Communications. 4 of those middle mile locations were duplicates submitted in error. NOVECnet and Zayo Group were submitted in the fall, however, it was determined that these providers were resellers of broadband.

Mergers & Acquisitions:

On July 9th, 2013, Sprint announced a merger with Clearwire. A press release can be viewed here: <http://newsroom.sprint.com/news-releases/sprint-completes-acquisition-of-clearwire.htm>.



Changes and Corrections

SBDD December 2013 Data
April 2014 Submission

US Virgin Islands Broadband Data Changes and Corrections

Coverage Area Changes:

- Coverage Footprint Expansion:
 - Sprint expanded the coverage area in St. Croix and St. John with new shapefile sent.

- Service Area Attribution Changes:
(Example: Speed, technology, name changes)
 - Sprint's coverage was updated to speed tier 6 in new shapefile sent.
 - AT&T updated the majority of their coverage to speed tier 7 in new shapefile sent. They now have tier 4, 5 and 7 available in USVI.
 - Broadband VI requested to increase the speeds available to their business customers to tier 10.

Data Corrections:

- No data corrections were required for this submission



VT Broadband Data Changes and Corrections



December 31, 2013 Data

DoingBusinessAs	CompanyName	FCC_FRN	Changes/Corrections
AT&T Mobility	AT&T Mobility LLC	0004979233	Update propagation map with 3G and 4G coverage
Burlington Telecom	City of Burlington	0010480093	No major changes/corrections
Charter Communications	The Helicon Group, LP	0003746468	No major changes/corrections
Cloud Alliance	Cloud Alliance, LLC	0018600445	No major changes/corrections
Comcast	Comcast, LLC	0003768165	No major changes/corrections
Duncan Cable	Duncan Cable	0016391716	No major changes/corrections
East Central VT Community Fiber Network	ECfiber	9999	No major changes/corrections
FairPoint Communications	FairPoint Communications Inc.	0003723202	Added some new coverage areas.
FairPoint Vermont	FairPoint Vermont	0017551359	No major changes/corrections
Franklin Telephone Company, Inc.	Franklin Telephone Company, Inc.	0004356952	No major changes/corrections
GlobalNet	GlobalNet	0018331173	No major changes/corrections
Great Auk Wireless, LLC	Great Auk Wireless, LLC	0017383332	No major changes/corrections
Green Mountain Access	Green Mountain Access	0004956652	Added some new coverage areas.
Hughes Network Systems LLC	Hughes Network Systems LLC	0018483073	No major changes/corrections
Kingdom Connection	Kingdom Connection	0017631540	No major changes/corrections
Level 3 Communications	Level 3 Communications, LLC	0003723822	No major changes/corrections
North Branch Networks	North Branch Networks, LLC	0018206391	No major changes/corrections
North Country Communications	North Country Communications	0019521087	No major changes/corrections
SegTel	SegTel	0006204630	No major changes/corrections
Shoreham Telephone Company	OTT Communications	0004380200	No major changes/corrections
Skycasters	Skycasters	0018756155	No major changes/corrections
Smuggler's Notch Water Company	Smuggler's Notch Water Company	0007320963	No major changes/corrections
Southern Vermont Broadband	Southern Vermont Broadband	9999	No major changes/corrections



VT Broadband Data Changes and Corrections



December 31, 2013 Data

Cooperative	Cooperative		
Southern Vermont Cable Company	Southern Vermont Cable Company	0003770351	No major changes/corrections
Sovernet Communications	Sovernet Communications	0015120850	No major changes/corrections
Sprint Nextel	Sprint Nextel Corporation	0003774593	No major changes/corrections
Starband	Spacenet Inc	0005087457	No major changes/corrections
Stowe Cablevision	Stowe Cablevision	0003755766	No major changes/corrections
TDS Telecom	TDS Telecommunications Corporation	0004948105	Added some new coverage areas.
TelJet	TelJet Longhaul LLC	0017834540	No major changes/corrections
Topsham Telephone Company	Topsham Telephone Company	0016569485	No major changes/corrections
Trans-Video Cable	Trans-Video Cable	0003770401	No major changes/corrections
U.S. Cellular	Vermont RSA No. 2-B2, Inc.	0004372322	No major changes/corrections
Verizon Wireless	Verizon Wireless	0003290673	Update propagation map with 3G and 4G coverage
Vermont Telephone Company	Vermont Telephone Company	0003646213	No major changes/corrections
WaveComm	WaveComm	0003665080	No major changes/corrections
WildBlue Communications	WildBlue Communications, Inc.	0007843766	No major changes/corrections
WirelessVT Solutions	WirelessVT Solutions	9999	No major changes/corrections

State of Washington Broadband Mapping Project

State Broadband Initiative (SBI)

December 31, 2013 Data

April 1, 2014 NTIA Submittal

We provide below more detailed information on changes and corrections to the data submitted April 1, 2014 (S9). We have provided the information in two separate tables for wireless providers and wireline providers. If a provider provides using both wireless and wireline technologies, and if there are changes or corrections in both, this provider may be in both tables. There were 56 providers who did not submit any changes and their data was carried over as is from the previous submission. In addition to this, seven providers made change and corrections to middle mile locations:

- CresComm Broadband- added one middle mile point
- Level 3 Communications, LLC- Provider submitted new middle mile data.
- MegaPath Corporation- added two middle mile points
- NoaNet added 146 middle mile points
- T-Mobile- added 3 middle mile points
- Zayo Group, LLC acquired 360 Networks which had 12 middle mile points.
- Sprint- Provider change provider name and FRN in the data

Wireless Providers - Change and Corrections

Provider Name	Doing-Business-As Name	Wireless Service Added (in square miles)	Wireless Service Removed (in square miles)	Total Wireless Area Served by Provider (in square miles)	Change and Correction Comments
Wired or Wireless, Inc.	AIR-PIPE	185.0	0.0	4,492.2	Provider submitted new data for propagation resulting in the changes shown.
AT&T Mobility LLC	AT&T Mobility LLC	5,672.5	202.9	37,918.8	There has been significant expansion of service – some LTE, some 4G and some 3G. Some service reduction in the fringes of propagation data pointing to data improvement.
Benton PUD	Benton PUD	47.8	0.0	47.8	New Provider in s9.
Columbia Energy, LLC	Columbia Energy, LLC	470.9	72.0	1,654.0	Provider submitted new data for propagation resulting in the changes shown. They added extra towers and increased speeds that resulted in the changes.
Desert Winds Wireless	Desert Winds Wireless	118.1	0.0	2,462.5	Provider acquired Internet Xpress resulting in new coverage area.
EasyStreet Online	EasyStreet Online	0.0	0.0	186.5	Provider changed their provider name and DBA from Infinity Internet. There was no change in coverage or technology.
Gorge Networks	Gorge Networks	10.1	0.0	221.2	Provider added wireless coverage area.
Iron Goat Networks, LLC	Iron Goat Networks, LLC	0.0	0.0	125.1	Provider increased speeds for entire coverage area from 6-10 mbps to 10-25 mbps for download but the extent remained the same.
Odessa Office Equipment	Odessa Office Equipment	43.4	0.2	4,073.9	Provider submitted new data for propagation resulting in the changes shown.
City of Port Angeles	City of Port Angeles	9.4	0.0	9.4	New Provider in s9.

Provider Name	Doing-Business-As Name	Wireless Service Added (in square miles)	Wireless Service Removed (in square miles)	Total Wireless Area Served by Provider (in square miles)	Change and Correction Comments
Public Utility District No. 1 of Douglas County	Public Utility District No. 1 of Douglas County	50.0	0.0	756.7	Provider added coverage area and increased speeds in one location.
PUD Kitsap	PUD Kitsap	0.0	0.4	0.0	Provider removed wireless coverage because their wireless service is still a pilot project and not part of their network. Last submission, we had assumed their coverage from various sources but did not receive any data directly from them.
Spectrum Online Services LLC	Spectrum Online Services LLC	535.1	152.7	2,761.3	Provider has expanded their coverage.
Sprint Corporation	Sprint	85.5	49.7	16,969.7	Provider changed their provider name and FRN as part of their transaction with Softbank. Sprint purchased the remaining shares of Clearwire. Sprint will submit data previously covered by Clearwire for the whole country. Provider increased speeds in several areas. Some service reduction in the fringes of propagation is more data improvement rather than real changes in coverage.
Stephouse Holdings Company, LLC	Stephouse Networks	81.0	0.0	81.0	New Provider in s9
T-Mobile USA, Inc.	T-Mobile	551.9	71.0	11,398.8	Provider has made changes in availability and speeds have increased in many areas. Some service reduction in the fringes of propagation data pointing to data improvement.
United States Cellular Corporation	U.S. Cellular	14.0	0.0	14,450.3	Provider has launched new LTE coverage.
Cellco Partnership and its Affiliated Entities	Verizon Wireless	4,449.8	299.5	40,352.6	Provider has expanded their 3G and 4G LTE coverage. Provider increased the speeds on their AWS spectrum.

Provider Name	Doing-Business-As Name	Wireless Service Added (in square miles)	Wireless Service Removed (in square miles)	Total Wireless Area Served by Provider (in square miles)	Change and Correction Comments
ViaSat, Inc.	ViaSat, Inc.	0.0	20,097.0	48,449.2	Provider removed availability from the eastern part of the State because they stated that one of their satellite reached service capacity and they were not accepting new customers in that part of the state.
Wind Wireless	Wind Wireless	16.2	0.0	628.5	Provider expanded coverage.

Wireline Providers - Change and Corrections in Census Blocks and Street Segments

Provider Name	Doing-Business-As Name	Number of Census Blocks Added (Note 1)	Number of Census Blocks Removed (Note 1)	Number of Census Blocks Served by Provider (Note 2)	Number of Road Segments Added (Note 1)	Number of Road Segments Removed (Note 1)	Number of Road Segments Served by Provider (Note 2)	Change and Correction Comments
Benton PUD	Benton PUD	2,004	0	2,004	564	0	564	New Provider in s9.
CenturyTel, Inc.	CenturyLink	2,160	2,893	86,672	3,055	6,720	41,762	Provider has added and removed service in many areas due to data corrections and changes. Provider is at exhaust on their transport facilities in some areas and no new service is available.
Cogent Communications, Inc	Cogent Communications, Inc	0	0	30	0	0	0	Provider added new locations of service but did not result in new blocks being added. Corrections were made to speeds.
Comcast Cable Communications, LLC.	Comcast	231	16	74,346	581	299	3,550	Provider has added and removed service in many areas due to data corrections and changes. Some corrections to the data were due to data processing (i.e. improvements in geocoding).

Provider Name	Doing-Business- As Name	Number of Census Blocks Added (Note 1)	Number of Census Blocks Removed (Note 1)	Number of Census Blocks Served by Provider (Note 2)	Number of Road Segments Added (Note 1)	Number of Road Segments Removed (Note 1)	Number of Road Segments Served by Provider (Note 2)	Change and Correction Comments
Ellensburg Telephone Company	FairPoint Communications	68	49	1,363	18	17	226	Provider submitted changes and corrections to their aDSL network. Some corrections to the data were due to data processing (i.e. improvements in geocoding).
YCOM Networks, Inc.	FairPoint Communications	26	36	542	72	48	363	Provider submitted changes and corrections to their aDSL network. Some corrections to the data were due to data processing (i.e. improvements in geocoding.).
Frontier Communications Northwest, Inc.	Frontier Communications Northwest, Inc.	426	0	35,512	483	385	12,159	Added a few blocks/roads and increased speeds in some blocks/roads – all changes are related to ADSL, not fiber. They have added new DSLAMs. Some roads were removed due to data clean-up in non-residential/ commercial areas such as National Forests.
Hood Canal Telephone Co., Inc.	Hood Canal Communications	5	0	990	28	0	1,140	Provider added fiber availability.
Western Elite Incorporated Services	R & R Cable Company	0	35	258	0	4	0	Provider submitted new exchange boundary that resulted in corrections to their service area.
Level 3 Communications, LLC	Level 3 Communications, LLC	234	325	733	2	1	3	Provider submitted changes and corrections due to improvements in address identification/parsing of addresses from their database. This resulted in a very different input dataset . We also found some geocoding errors in data that they submitted in S8 where zip codes were missing. We have put in a new geocoder in place that has corrected those mistakes – we now have a very different footprint of Level 3 that includes data corrections from Level 3 and data corrections due to Sanborn data processing.
MegaPath Corporation	MegaPath Corporation	0	679	56,548	0	73	1,277	Provider removed services in the Lake Stevens area. In s8 provider's data was shown as only having end user code 2 as

Provider Name	Doing-Business- As Name	Number of Census Blocks Added (Note 1)	Number of Census Blocks Removed (Note 1)	Number of Census Blocks Served by Provider (Note 2)	Number of Road Segments Added (Note 1)	Number of Road Segments Removed (Note 1)	Number of Road Segments Served by Provider (Note 2)	Change and Correction Comments
								advised by discussion between provider and NTIA. For s9, providers new representative reiterated residential coverage and in discussions with the provider and the State and the NTIA, their data contains services for end user codes 1 and 2. There are overlapping blocks but they have different speed offerings for different End User Category.
Northstar Broadband	Northstar Broadband	315	2	680	0	0	10	Provider added some blocks and corrected some blocks.
Public Utility District of Chelan County	Public Utility District of Chelan County	0	11	2,197	0	14	701	Provider made corrections to the data.
Mashell Telecom, Inc.	Rainier Connect	1	0	1,001	0	0	594	Provider added a block of service and increased speeds in some areas.
Asotin Telephone Company; Lewis River Telephone Company, Inc.; McDaniel Telephone Company	TDS Telecom	16	17	717	53	42	736	Provider submitted some minor changes to availability.
Time Warner Cable LLC	Time Warner Cable	0	0	487	2	0	349	Provider submitted some minor changes to availability. Provider also changed FRN.
TW Telecom of Washington LLC	TW Telecom of Washington LLC	30	9	240	0	0	0	Provider submitted some minor changes to availability.

Provider Name	Doing-Business- As Name	Number of Census Blocks Added (Note 1)	Number of Census Blocks Removed (Note 1)	Number of Census Blocks Served by Provider (Note 2)	Number of Road Segments Added (Note 1)	Number of Road Segments Removed (Note 1)	Number of Road Segments Served by Provider (Note 2)	Change and Correction Comments
Western Wahkiakum County Telephone Company	Wahkiakum West Television, Inc.	0	0	374	0	0	1,022	Provider increased speeds to downloads of 10-25 mbps down.
Wave Division Holdings, LLC	Wave Broadband	0	149	9,126	0	0	2,552	Provider upgraded several areas to Cable DOCSIS 3.0 and increased speeds. Provider removed some areas due to not part of their service territory anymore.
Zayo Group, LLC	Zayo Group, LLC	23	163	33	0	8	0	Provider changed the format of their submission which resulted in changes to their availability.

Note 1: The number of blocks added and removed do not represent unique blocks or roads – if a provider added service on a block or a road with multiple technologies, these blocks may be counted multiple times in the added and removed fields.

Note 2: The total number of blocks served by a provider has been calculated to include only unique blocks- i.e. if a block is served by a provider by multiple technologies, it is counted only once. However, the roads may include double counting because of being served by multiple technologies because there are no unique IDs on roads to summarize by.

ProviderID	ST	DBA Name	Provider Name	Average Speed Change	Average Transtech Change	Record Count Change	Update Description	Changes And Corrections	Provider > 25% State Area
540	Wi	AirRunner Networks, LLC	AirRunner Networks, LLC	1	1	1	Updated using new provider data	New provider for this submission 70 x 3 x 3 x 3 x 3 Spectrum: 6 70 x 5 x 4 x 5 x 4 Spectrum: 6 71 x 3 x 3 x 3 x 3 Spectrum: 8	
203	Wi	Amherst Telephone Company	Amherst Telephone Company	X		X	Updated using new provider data	Fiber coverage area expanded Fiber speeds increased to Tier 8 down (40mb) from tier 6 Overall footprint increased (11 new blocks added, all fiber)	
633	Wi	AT&T Mobility LLC	AT&T Mobility LLC			X	Updated using new provider data	Coverage replaced with submitted data AWS spectrum added significant increase in coverage footprint	X
539	Wi	AT&T Wisconsin	Wisconsin Bell, Inc	X	X	X	Updated using new provider data	Coverage replaced with submitted data	
728	Wi	CellCom	CellCom				Updated using new provider data	Replace existing coverage with submitted data Speed technology spectrum unchanged Coverage extent increased slightly	X
662	Wi	CenturyLink	CenturyTel, Inc.				Updated using new provider data	Replace existing coverage with submitted data Speeds, technology unchanged Block and segment count unchanged	
526	Wi	Charter Communications	Charter Communications	X	X	X	Updated using new provider data	75148 blocks submitted, all 40x10x5x9x5 FRN matches existing information 5596 segments submitted, all 40x10x5x9x5 submitted block counts equal to last submission	
682	Wi	Comcast	Comcast Cable Communications, LLC			X	Updated using new provider data	Segments file unchanged from submission 8 2 less blocks in new submission, replace blocks	
258	Wi	Coon Valley Farmers Telephone Company	Coon Valley Farmers Telephone Company	X			Updated using new provider data	Highest speed updated to 8x6 (46 CB) Overall coverage extent unchanged Technology unchanged (50)	
764	Wi	Country Wireless	Country Wireless, LLC				Updated using new provider data	Replace existing coverage with submitted data Coverage extent larger more detailed	
727	Wi	Farmers Telephone	Farmers Telephone	1	1	1	remove from coverage area	Correction to previous submission. Remove this coverage data miss-associated with Farmers Independent Telephone.	
977	Wi	Frontier Communications of Illinois	Citizens Telecom Company of Illinois	1	1	1	New provider for this submission	Updated based upon Node data supplied to IL, exchange services into WI	
635	Wi	Frontier Communications of Mondovi, LLC	Frontier Communications of Mondovi, LLC	X			Updated using new provider data	updated coverage using updated DSLAM node data technology unchanged, some areas increased in speed some areas reduced in speed due to network adjustments	
279	Wi	Frontier Communications of St Croix, LLC	Frontier Communications of St Croix, LLC				Updated using new provider data	updated coverage using updated DSLAM node data technology unchanged, some areas increased in speed some areas reduced in speed due to network adjustments	
281	Wi	Frontier Communications of Wisconsin, LLC	Frontier Communications of Wisconsin, LLC			X	Updated using new provider data	updated coverage using updated DSLAM node data technology unchanged, some areas increased in speed some areas reduced in speed due to network adjustments	

Note: [1] Represents that data can't be compared to prior round. Averages are computed as straight averages.

ProviderID	ST	DBA Name	Provider Name	Average Speed Change	Average Transtech Change	Record Count Change	Update Description	Changes And Corrections	Provider > 25% State Area
420	Wi	Frontier North, Inc.	Frontier North, Inc.	X		X	Updated using new provider data	updated coverage using updated DSLAM node data technology unchanged, some areas increased in speed some areas reduced in speed due to network adjustments	
373	Wi	Frontier Rhinelander Telephone Company	Rhinelander Telephone Company			X	Updated using new provider data	updated coverage using updated DSLAM node data technology unchanged, some areas increased in speed some areas reduced in speed due to network adjustments	
276	Wi	Grantsburg Telcom	Farmers Independent Telephone Company	X	X	X	Updated using new provider data	Cable coverage added (41x7x3), 76 blocks Fiber coverage updated to 50x7x7, 216 blocks DSL updated to 10x7x3 overall footprint expanded slightly	
312	Wi	Level 3 Communications, LLC	Level 3 Communications, LLC			X	Updated using new provider data	speeds technology unchanged CB count decreased from 213 to 1087 no segments submitted	
563	Wi	LiteWire	LiteWire Internet Services, Inc.	X			Updated using new provider data	Replace existing coverage with submitted data all new coverage is 70x6x4 spectrum	
318	Wi	Marquette-Adams Telephone Cooperative, Inc.	Marquette-Adams Telephone Cooperative, Inc.			X	Updated using new provider data	14 CB, 6 SG added, all 50x7x7x7x7 Existing DSL areas converted to fiber, 63 blocks converted	
531	Wi	Mediacom	Mediacom Wisconsin, LLC		X	X	Updated using new provider data	Coverage replaced with submitted CB,SG data. Non-BB towns removed from submission.	
949	Wi	MegaPath Corporation	MegaPath Corporation		X	X	Updated using new provider data	Coverage replaced with submitted data CB count increased from 43342 to 45403 SG count identical Speed distribution among features updated	
565	Wi	Mercury Network Corporation	Mercury Network Corporation				Updated using new provider data	Wireless coverage replaced with new coverage	
335	Wi	MHTC	Mt Horeb Telephone Company	X			Updated using new provider data	Update DSL speeds using submitted polygons as service areas Selected areas updated to 8x3 capacity on middle mile upgraded to 4 from 3	
533	Wi	MHTC	MH Telecom LLC	X			Updated using new provider data	Update all DSL speeds to 8x3 capacity on middle mile upgraded to 4 from 3	
339	Wi	Nelson Telephone Cooperative	Nelson Telephone Cooperative		X	X	Updated using new provider data	Fiber coverage expanded 69 fiber blocks added at 50x7x4	
847	Wi	Nextera Communications	Nextera Wireless, LLC	1	1	1	Updated using new provider data	New provider wireless coverage	
240	Wi	Norvado	Chequamegon Communications Cooperative	X	X	X	Updated using new provider data	Increase in fiber coverage area, fiber speeds unchanged (10x7) Increase in DSL download speeds (6x3) Overall coverage footprint increased (39 fiber blocks added)	
369	Wi	Reedsburg Utility Commission	Reedsburg Utility Commission			X	Updated using new provider data	Coverage expanded, 72 CB, 18 SG added to south and west	

ProviderID	ST	DBA Name	Provider Name	Average Speed Change	Average Transtech Change	Record Count Change	Update Description	Changes And Corrections	Provider > 25% State Area
382	WI	Sharon Telephone Co.	Sharon Telephone Co.	X	X	X	Updated using new provider data	Add fiber coverage, overlaps DSL	
747	WI	SonicNet Inc.	SonicNet Inc.				Updated using new provider data	New Coverage areas added	
942	WI	SonicPCS	Sonic Spectrum, Inc				Updated using new provider data	Replace existing coverage with submitted data Increase in overall coverage footprint	
390	WI	Spring Valley Telephone Company, Inc.	Spring Valley Telephone Company, Inc.	X			Updated using new provider data	Features outside exchange boundary removed Speeds adjusted, 7x5 and 6x5 from all 7x4	
650	WI	Sprint	Sprint Corporation				Updated using new provider data	Replace existing coverage with submitted data Advance existing MM data Update FRN Provider Name	X
209	WI	TDS	Badger Telecom, LLC			X	Updated using new provider data	Feature counts by provider similar to last submission	
220	WI	TDS	Black Earth Telephone Company, LLC			X	Updated using new provider data	Feature counts by provider similar to last submission	
222	WI	TDS	Bonduel Telephone Company, LLC			X	Updated using new provider data	Feature counts by provider similar to last submission	
230	WI	TDS	Burlington, Brighton & Wheatland Telephone Company, LLC			X	Updated using new provider data	Middle mile points dropped Feature counts by provider similar to last submission	
232	WI	TDS	Central State Telephone Company, LLC			X	Updated using new provider data	Feature counts by provider similar to last submission	
267	WI	TDS	Dickeyville Telephone, LLC			X	Updated using new provider data	Feature counts by provider similar to last submission	
272	WI	TDS	Eastcoast Telecom Of Wisconsin, LLC			X	Updated using new provider data	Feature counts by provider similar to last submission	
288	WI	TDS	Grantland Telecom, LLC			X	Updated using new provider data	Middle mile points dropped Feature counts by provider similar to last submission	
328	WI	TDS	Mid-Plains Telephone, LLC			X	Updated using new provider data	Feature counts by provider similar to last submission	
329	WI	TDS	Midway Telephone Company, LLC			X	Updated using new provider data	Feature counts by provider similar to last submission	

ProviderID	ST	DBA Name	Provider Name	Average Speed Change	Average Transtech Change	Record Count Change	Update Description	Changes And Corrections	Provider > 25% State Area
334	Wi	TDS	Mosinee Telephone Company, LLC			X	Updated using new provider data	Feature counts by provider similar to last submission	
336	Wi	TDS	Mt. Vernon Telephone Company, LLC			X	Updated using new provider data	Feature counts by provider similar to last submission	
377	Wi	TDS	Riverside Telecom, LLC			X	Updated using new provider data	Feature counts by provider similar to last submission	
381	Wi	TDS	Scandinavia Telephone Company, LLC			X	Updated using new provider data	Feature counts by provider similar to last submission	
387	Wi	TDS	Southeast Telephone Co. Of Wisconsin, LLC			X	Updated using new provider data	Feature counts by provider similar to last submission	
393	Wi	TDS	The State Long Distance Telephone Company, LLC			X	Updated using new provider data	Middle mile points dropped Feature counts by provider similar to last submission	
394	Wi	TDS	Stockbridge & Sherwood Telephone Company, LLC			X	Updated using new provider data	Feature counts by provider similar to last submission	
407	Wi	TDS	Tenney Telephone Company, LLC			X	Updated using new provider data	Feature counts by provider similar to last submission	
408	Wi	TDS	The Farmers Telephone Company, LLC			X	Updated using new provider data	Feature counts by provider similar to last submission	
418	Wi	TDS	Utelco, LLC			X	Updated using new provider data	Feature counts by provider similar to last submission	
425	Wi	TDS	Wauaukee Telephone Company, LLC			X	Updated using new provider data	Feature counts by provider similar to last submission	
499	Wi	T-Mobile	T-Mobile USA, Inc.				Updated using new provider data	Coverage replaced with submitted data slight increase in overall coverage footprint	
410	Wi	Tri-County Communications Cooperative	Tri-County Communications Cooperative	X	X		Updated using new provider data	Fiber coverage expanded to entire coverage extent fiber does not overlap DSL, no DSL coverage remaining	
412	Wi	tw telecom	tw telecom of wisconsin l.p.			X	Updated using new provider data	speeds, technology unchanged CB count increased from 719 to 726	
415	Wi	Union Telephone Company	Union Telephone Company	X	X		Updated using new provider data	Fiber coverage expanded 51 blocks 5 segments converted to fiber	

ProviderID	ST	DBA Name	Provider Name	Average Speed Change	Average Transtech Change	Record Count Change	Update Description	Changes And Corrections	Provider > 25% State Area
504	Wi	UsCellular	UsCellular				Updated using new provider data	Replace existing LTE coverage with submitted coverage Merge submitted LTE polygons into single polygon Keep existing EVDO coverage	X
507	Wi	Verizon Wireless	Verizon Wireless				Updated using new provider data	Replace existing coverage with submitted coverage slight increase in EVDO, LTE and AWS coverage	X

WEST VIRGINIA

GEOLOGICAL AND ECONOMIC SURVEY

1 Mont Chateau Road
Morgantown, WV 26508-8079

Earl Ray Tomblin, *Governor*
Keith Burdette, *Secretary, Department of Commerce*
Michael Ed. Hohn, *Director and State Geologist*



Phone: (304) 594-2331
Fax: (304) 594-2575
E-mail: info@geosrv.wvnet.edu
Web Site: <http://www.wvgs.wvnet.edu>

WV April 1, 2014 Changes and Corrections:

Changes:

The following Providers submitted smaller territories:

AT&T
Cequel III Communications II
Cequel III Communications I
Ceridge Acquisition

Corrections:

Sprint submitted a new FRN as well as a smaller coverage area.

ProviderID	ST	DBA Name	Provider Name	Average Speed Change	Average Transtech Change	Record Count Change	Update Description	Changes And Corrections	Provider > 25% State Area
681	Wy	ACT	Advanced Communication Technology	X	X	X	Updated using new provider data	DSL coverage recreated, extent greatly reduced. Change in service radius from CO. Extensive fiber coverage (368 blocks, 37 segments) Wireless coverage unchanged	
588	Wy	All West Communications	All West Communications	X	X		Updated using new provider data	Fiber coverage extended, per supplied drawing	
612	Wy	AllureTech/CoffeyNet	AllureTech/CoffeyNet				Updated using new provider data	Replace existing coverage with submitted data Coverage extent very similar	
596	Wy	AT&T Mobility LLC	AT&T Mobility LLC				Updated using new provider data	Overall Coverage extent slightly increased Moderate increase in LTE coverage	X
975	Wy	Celerity Networks, LLC	Celerity Networks, LLC	1	1	1	New provider for this submission	New provider this round New coverage in eastern Wyoming (extends into SD) 70x6x6 spectrum 6	
663	Wy	CenturyLink	CenturyTel, Inc.			X	Updated using new provider data	Coverage replaced with new data Speeds, technology unchanged coverage extent unchanged	
659	Wy	Level 3 Communications, LLC	Level 3 Communications, LLC			X	Updated using new provider data	speeds technology unchanged CB count decreased from 165 to 121 segments increase from 10 to 12	
774	Wy	Millhouse Electronics Inc.	Millhouse Electronics Inc.				Updated using new provider data	Extend coverage with submitted data Speed, technology unchanged Coverage nearly doubled by additional coverage along North Platte River	
685	Wy	Mountain West Telephone	Mountain West Technologies Corp.				Updated using new provider data	Coverage replaced with submitted data Similar extent in overall coverage, slight overall increase Upload speed increased from 7 to 8; Provider offers even higher speeds on custom basis.	
592	Wy	RT Communications, Inc.	RT Communications, Inc.	X	X	X	Updated using new provider data	Fiber coverage replaced with updated coverage based upon engineering drawings DSL coverage unchanged all fiber coverage upgraded to 7x3	
593	Wy	Silver Star Communications	Silver Star Telephone Company, Inc.	X		X	Updated using new provider data	Fiber speeds increased from 7x5 to 9x5 2 blocks added Dsl speed distribution adjusted Existing technologies unchanged, only speeds were adjusted by new	
641	Wy	Silver Star Communications	Columbine Telephone Company, Inc.	X	X		Updated using new provider data	Update speeds using submitted service areas	
652	Wy	Sprint	Sprint Corporation				Updated using new provider data	Coverage replaced with new data	
771	Wy	T-Mobile	T-Mobile USA, Inc.	X		X	Updated using new provider data	Coverage replaced with submitted data No change in speeds or technologies slight increase in overall coverage footprint	
595	Wy	Union Telephone	Union Telephone Company	X	X		Updated using new provider data	Wireline coverage converted to 10x7x4 (from 20x4x4) No change in wireline footprint	

Note: [1] Represents that data can't be compared to prior round. Averages are computed as straight averages.

ProviderID	ST	DBA Name	Provider Name	Average Speed Change	Average Transtech Change	Record Count Change	Update Description	Changes And Corrections	Provider > 25% State Area
950	Wy	Union Wireless	Union Telephone Company	X		X	Updated using new provider data	Replace existing wireless coverage with submitted data (80x7x3, spectrum 1 and 3) 3G maxaddown increased to 7 from 6 Extensive additions to wireless Broadband coverage	
712	Wy	Verizon Wireless	Verizon Wireless			X	Updated using new provider data	Replace existing coverage with submitted coverage speeds,technology unchanged slight increase in EVDO, LTE coverage	X
944	Wy	Wind River Internet	Northern Arapaho Tribal Industries	1	1	1	Updated using new provider data	New provider for this submission Wireless coverage (70 x 7 x 6 x ZZ x ZZ, spectrum 6)	

Note: [1] Represents that data can't be compared to prior round. Averages are computed as straight averages.

This document is intended to summarize significant changes to submitted data. It is not a comprehensive change list.