

Georgia Broadband Data Changes and Corrections: December 31, 2010

Prepared for Submission by Bailey White, August 2, 2011



1. Summary

The State of Georgia submitted significant data changes and corrections in Data Set 3. In total, Georgia's provider-miles increased by over 21,000 square miles in Data Set 3. The table below shows comparisons in terms of provider-square miles by technology type between Data Set 2 and Data Set 3.

Transmission Technology	Dataset 3 (sq. mile)	Dataset 3 Number of Providers	Dataset 2 (sq. mile)	Dataset 2 Number of Providers	Area Diff Sq. Mile (Datasets 3-2)	Number of Providers Diff (Datasets 3-2)
0 – Other	0	0	0.75	1	-0.75	-1
10 – Asymmetric DSL	24782.23	26	21479.38	26	3302.85	0
20 – Symmetric DSL	657.7	4	693.49	6	-35.79	-2
30 – Other Copper Wireline	4197.97	6	14968.21	12	-10770.24	-6
40 – Cable Modem – DOCSIS 3.0	7551.14	12	7525.8	14	25.34	-2
41 – Cable Modem – Other	8205.14	15	6087.91	12	2117.23	3
50 – Optical Carrier/Fiber	3400.15	26	3200.68	24	199.47	2
60 – Satellite	58650.54	1	58650.54	1	0	0
70 – Fixed Wireless - Unlicensed	2281.97	5	2281.97	5	0	0
71 - Fixed Wireless – Licensed	3255.86	3	1524.25	3	1731.61	0
80 – Mobile Wireless	277820.33	7	253224.31	6	24596.02	1
	0	0	0	0	0	0
TOTAL	390,803.03	105	369,637.29	110	21,165.74	-5

Figure 1 Data Set 2 vs 3 Summary Comparison

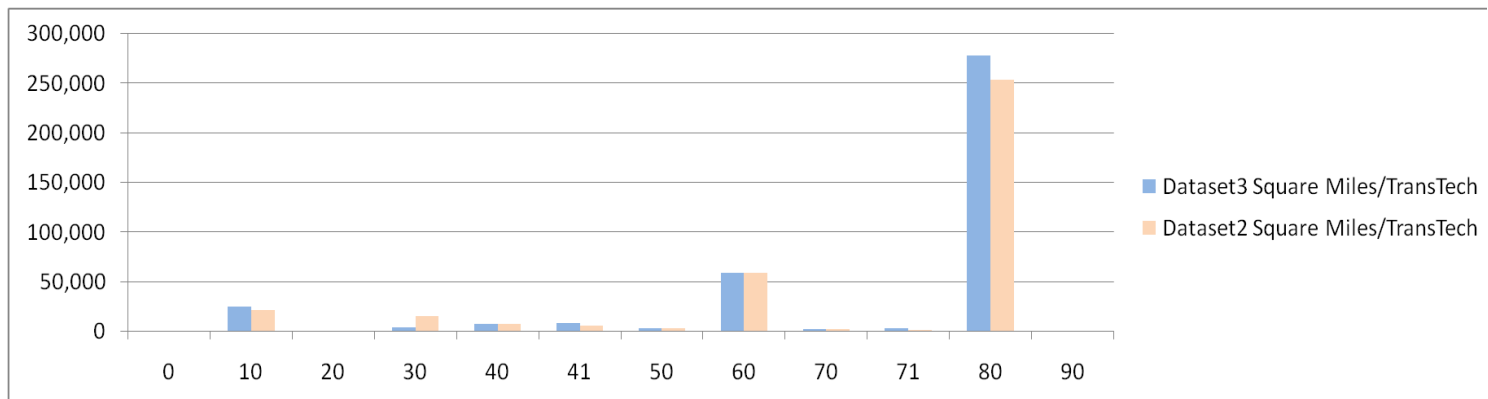


Figure 2 Comparison of Sq Miles by Technology Type (Data Set 2 and Data Set 3)

2. Additions and Corrections

The following providers were included for the first time in Data Set 3. These providers are exiting providers who had not participated in prior data sets for various reasons.

Provider Name	DBA Name	Transmission Technology	# of Blocks	Area (Sq. Miles)
Depot Street Communications Inc	Carnesville Gumlog Broadband	41	547	94.14
Ringgold Telephone Company	Ringgold Telephone Company	10	647	101.96
Ringgold Telephone Company	Ringgold Telephone Company	50	165	29.37
Broadband South	Main Street Broadband	71	2	3162.07
KitePilot Wireless Internet	KitePilot Wireless Internet	71	1	87.37

Figure 3 Providers Included for First Time in Data Set 3

In addition, Georgia worked with prior providers in verification activities to correct errors. Examples of these corrections include:

- **Alltel** – A significant existing coverage area previously left out was included in southwestern Georgia.
- **Clearwire**: Corrected Technology Type as it was previously miscategorised as Fixed Wireless.
- **Planters Rural Telephone**: Removed incorrect Technology type of Copper-Other that has been obsoleted by Planter's updated FTTH footprint.
- **Verizon Wireless**: Added 4G coverage and also removed invalid Middle Mile (Verizon had indicated that they do not, nor have the previously, furnished middle mile information).
- **Wilkes Telephone and Electric Company**: Duplicate block geometry and attribution was discovered and corrected.
- **NextLink Wireless**: Wireless file was removed from Block and Road layers and put correctly into the Wireless coverage layer.
- **SouthEastern Services**: Wireless file was removed from Block and Road layers and put correctly into the Wireless coverage layer.

3. Changes to the Data Set

The largest changes in Georgia's Data Set 3 came from increased availability by the following providers in rank order of additional square miles:

- 1) Windstream – 2506 Sq Miles
- 2) Charter Communications – 1591 Sq Miles
- 3) Planters Telephone Cooperative – 258 Sq Miles
- 4) Cox Communications – 147 Sq Miles
- 5) CommuniComm Services – 120 Sq Miles

In census blocks greater than two square miles, Georgia's top five increases came from:

- 1) Windstream – 17,060 linear miles
- 2) AT&T – 11,052 linear miles
- 3) Charter – 5,784 linear miles
- 4) Comcast – 4,717 linear miles
- 5) Covad – 1,267 linear miles

Several strategic business activities impacted the Georgia Data Set. Megapath/DSL.net is in a merger/acquisition process with Covad. After speaking with representatives from these companies, we were advised to not include Megapath and DSL.net in this submission because much of the infrastructure and networks will be de-commissioned. Going forward, Covad will create a single comprehensive and accurate depiction of the actual service area.

EarthLink has acquired DeltaCom. DeltaCom was unable to provide actionable data in time for the dataset 3 submission, and we recognize that the timelines for submission were very short in dataset 3. Their coverage claims have also been increased by a factor of 4 since dataset 2. As DeltaCom is a business only re-seller, we have agreed with the appropriate contacts at DeltaCom to remove them from dataset 3 submission until we can both get better direction from the NTIA on how to handle business only resellers and can acquire actionable data to produce an accurate coverage are for this provider.