

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