

Broadband Florida Q4 2014 PPR Report Details
Project Attachment – Broadband Mapping**Question 2: Describe any additional project milestones that have been accomplished over this reporting period (Ex. Updates to state broadband maps and websites, map outreach activities)**

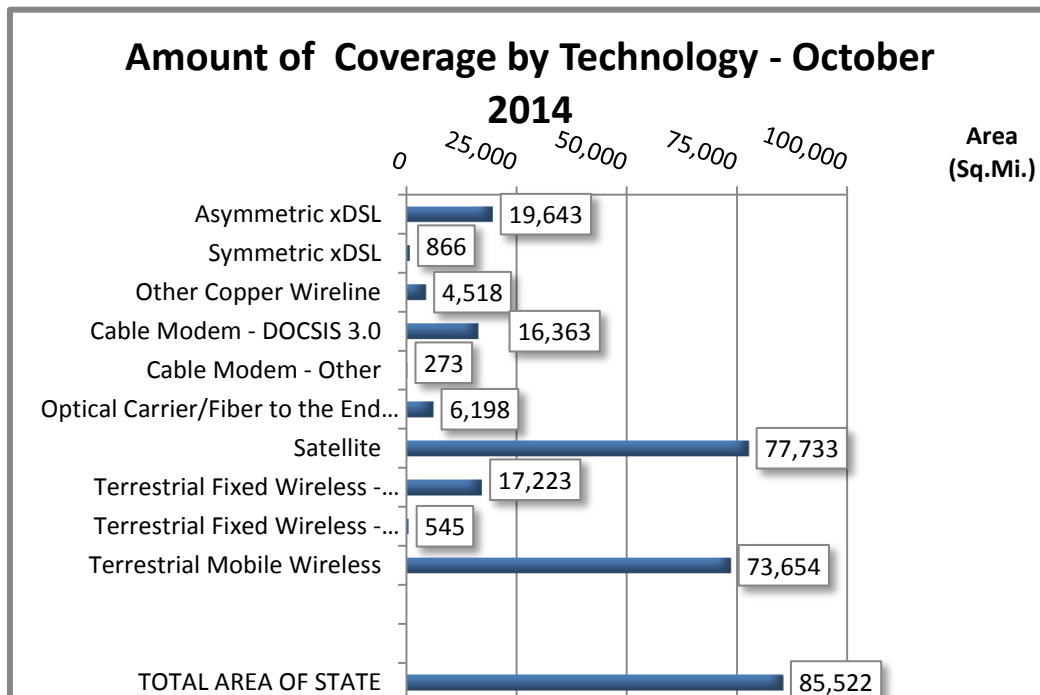
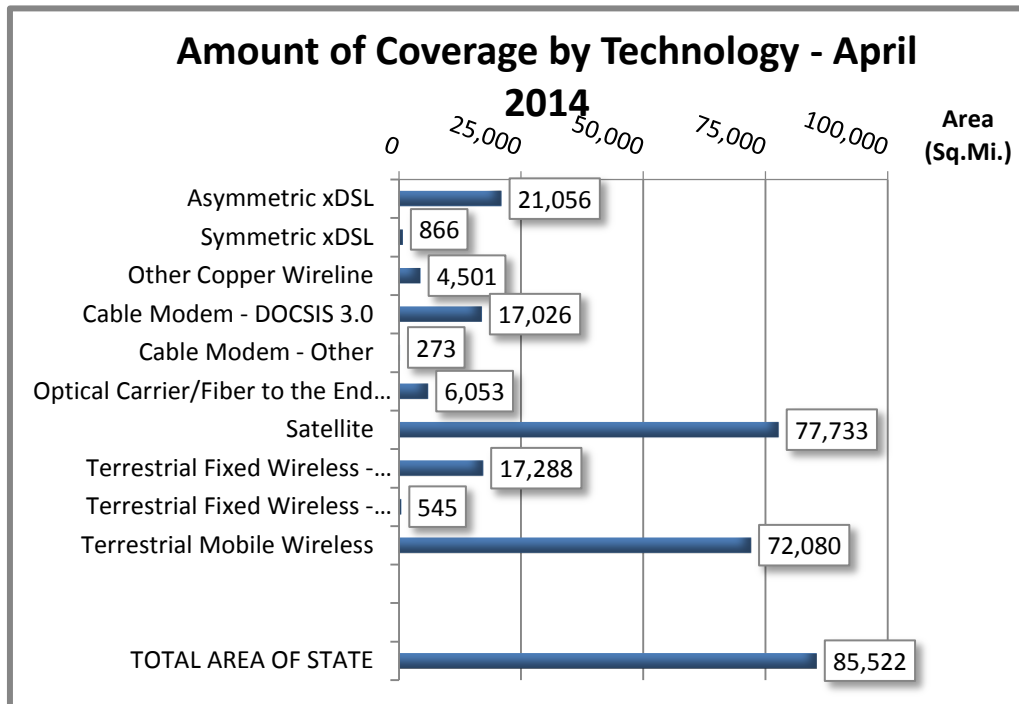
During the fourth quarter of 2014 the mapping project manager focused on data analysis and any questions on the data from the National Telecommunications and Information Administration on the October 1, 2014 submission package.

Data Analysis

New data is collected and analyzed every 6 months, to determine the needs and availability of both transmission technology and broadband speed in the state. The Department and compiled graphs and charts to compare the data between the last two submissions to NTIA: April 2014 and October 2014.

Coverage Area by Transmission Technology

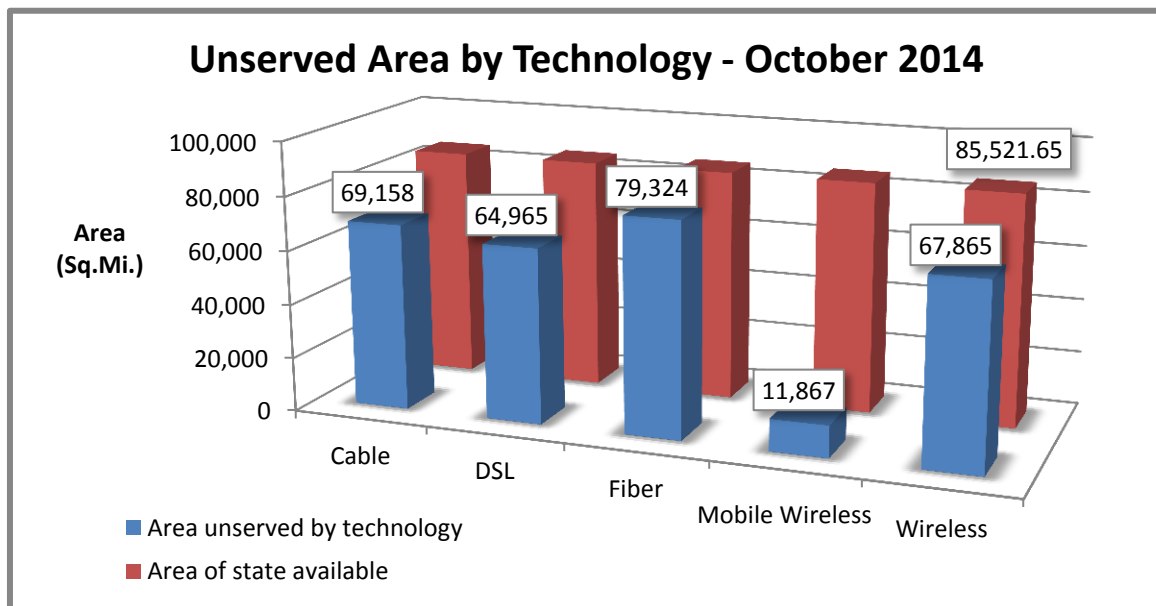
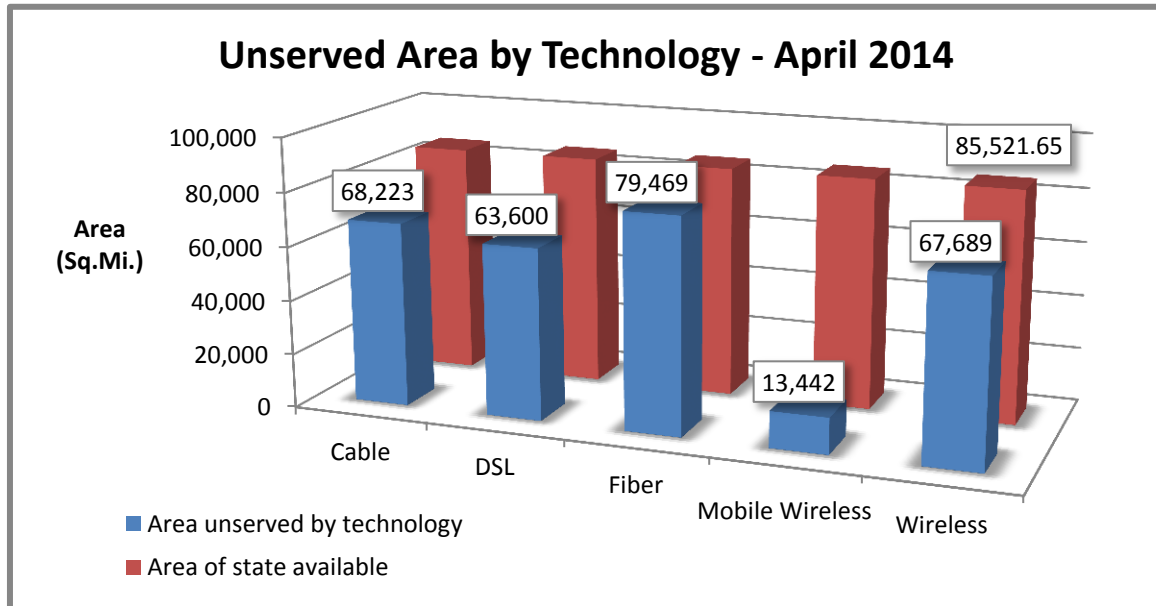
The graphs below represent the area in square miles that broadband coverage is available for by transmission technology.



From our data, we can see that mobile coverage has increased slightly over a 6 month period, while licensed terrestrial fixed wireless broadband service has decreased slightly. As for wireline transmissions, the technology types appear to have stabilized.

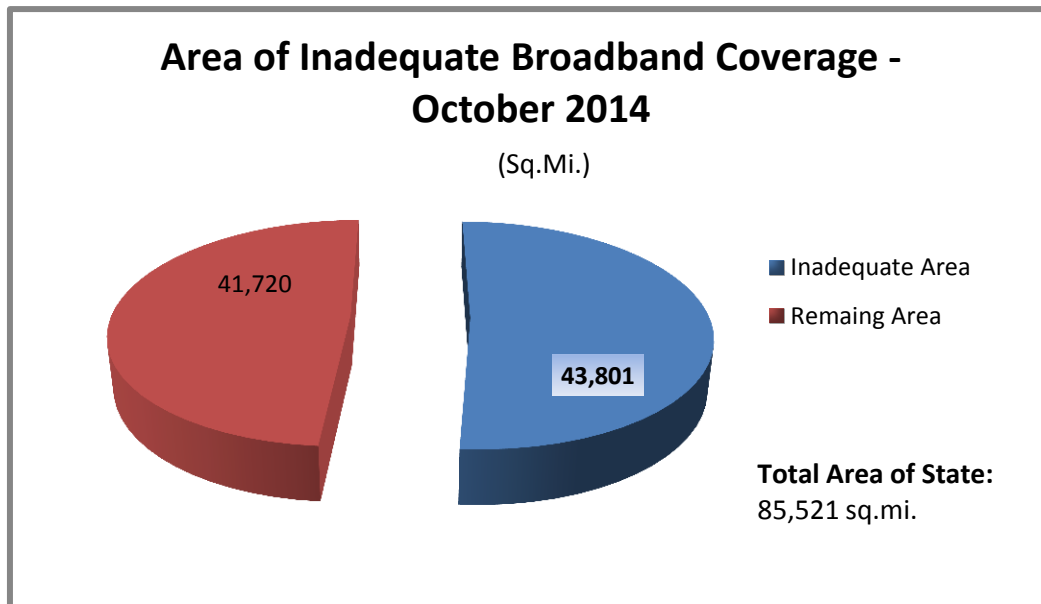
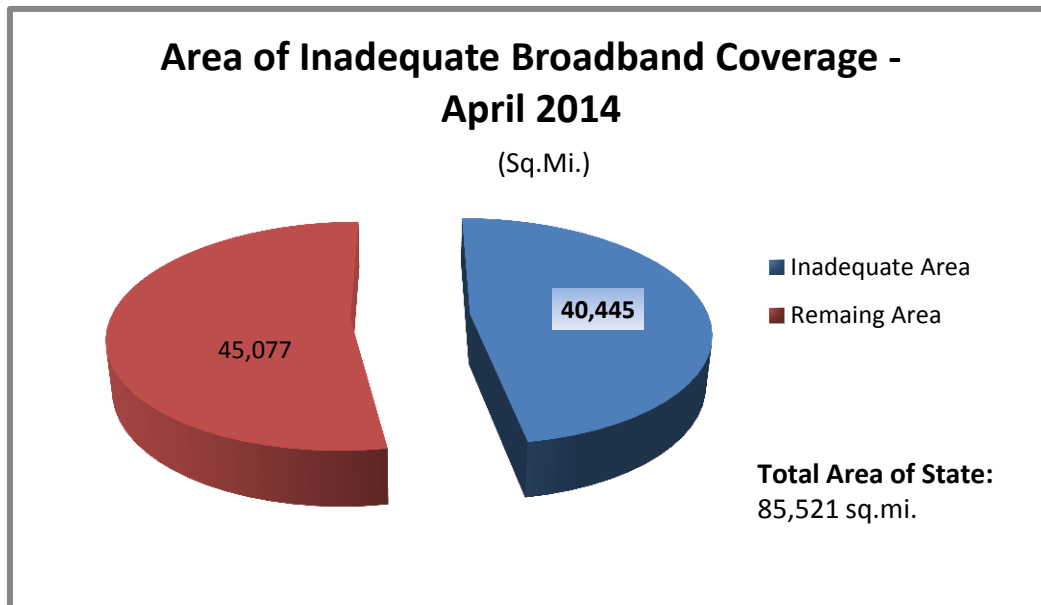
Coverage Area Unserved by Technology Type

The graph below depicts unserved area in square miles by each technology type in the state. This data is from the April and October 2014 submissions, and can be compared to the overall area of the state. From this data, new markets of growth can be determined for different broadband providers by Technology.



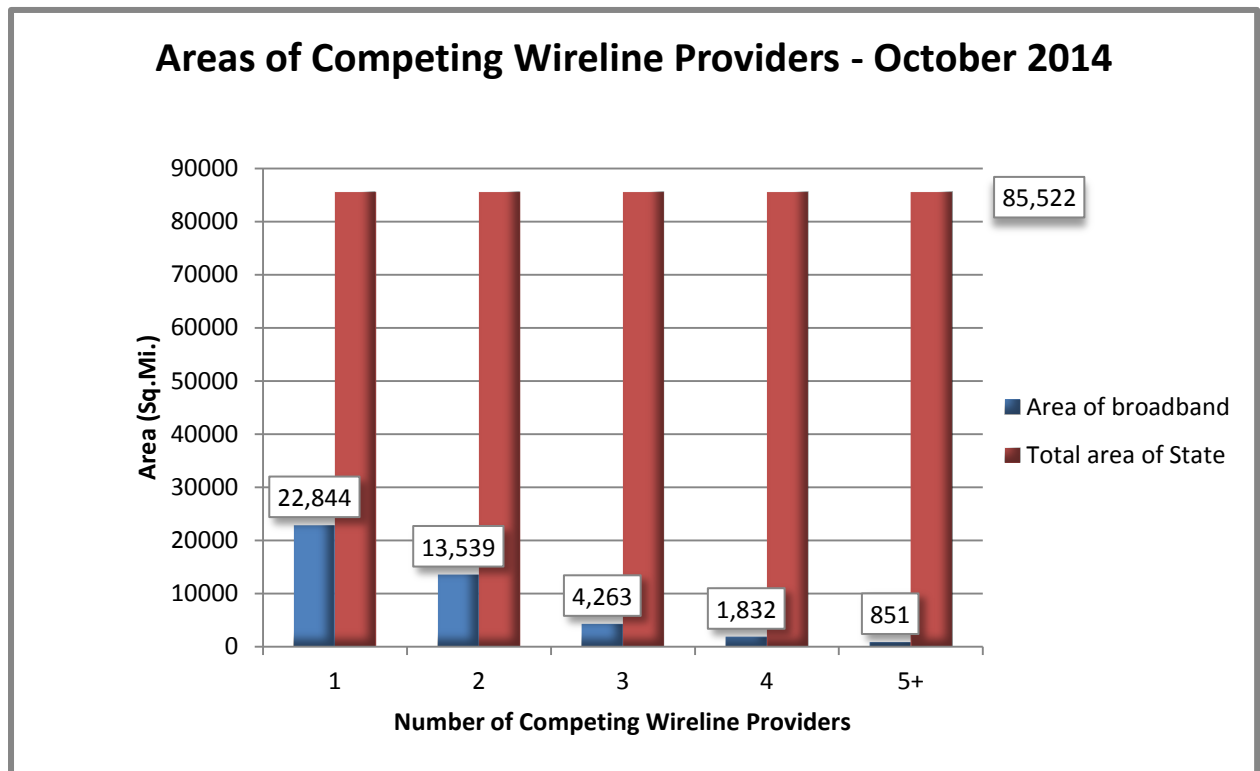
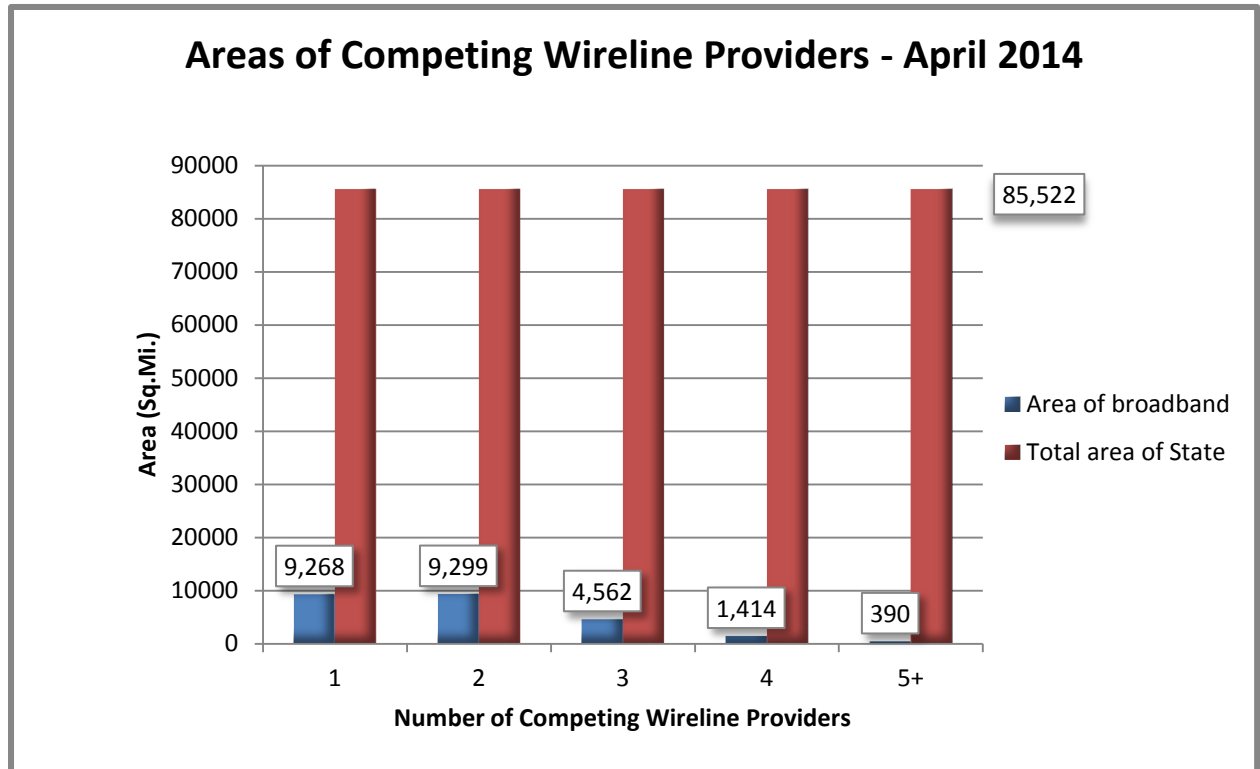
Area of Inadequate Broadband Coverage

The chart below depicts the area in square miles of inadequate wireline broadband coverage in the state. This data is from the April and October 2014 data submissions. The Department defined Inadequate Broadband Coverage as areas with less than 3Mbps maximum average download speeds available for wireline broadband coverage. This area can be compared to future submissions to determine growth in speed availability.



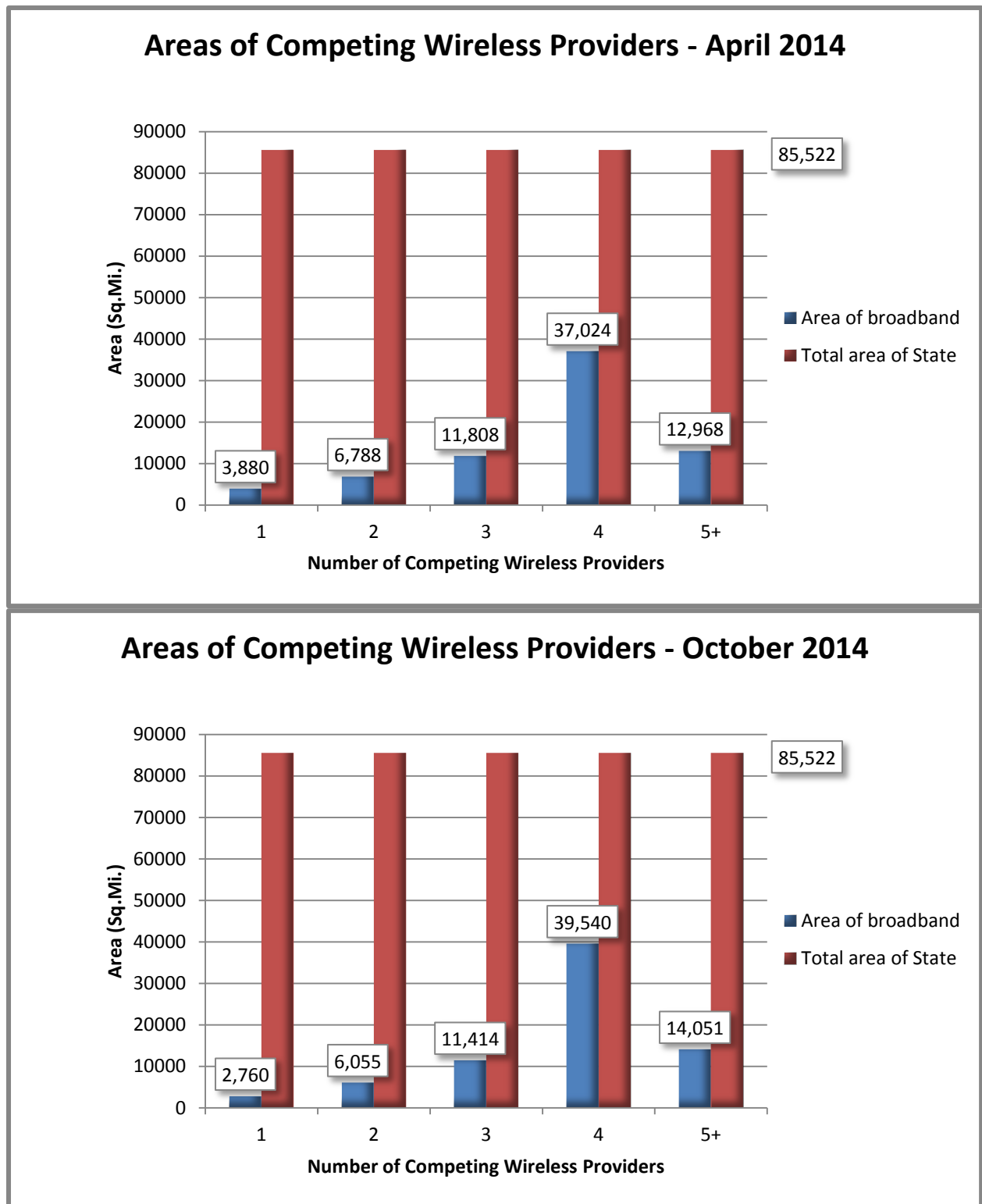
Coverage Area by Number of Wireline Providers

Below is a chart of the different areas of broadband coverage by number of competing wireline providers in the state. This data is from April and October 2013 submissions and areas are in square miles. From this information, one can decipher the level of competition in this market.



Coverage Area by Number of Wireless Providers

Below is a chart of the different areas of broadband coverage by number of competing wireless providers in the state. This data is from April and October 2013 submissions and areas are in square miles. From this information, one can decipher the level of competition in this market.

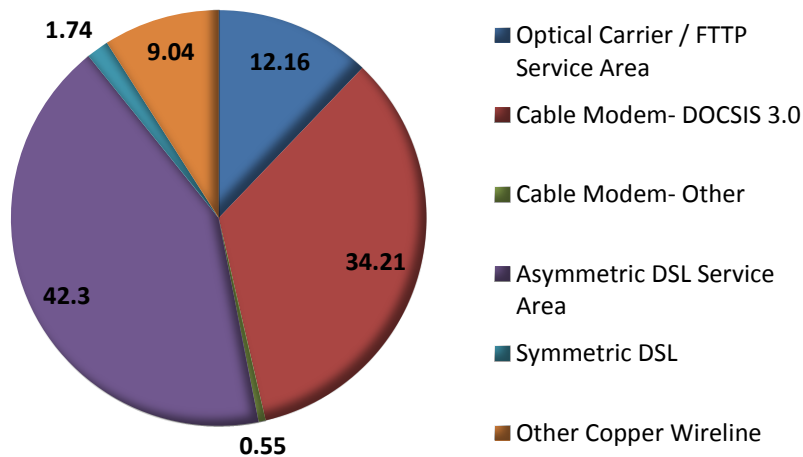


Percent of Broadband Availability by Transmission Technology

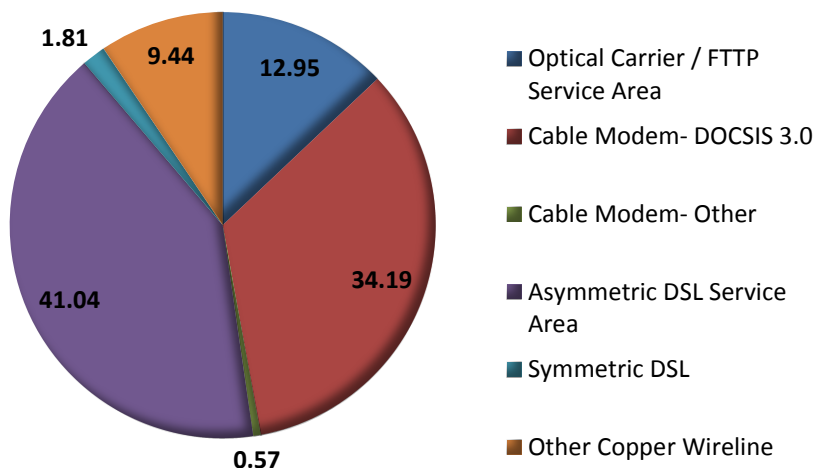
The graphs below represent the proportion of the overall wireline broadband availability by most advanced transmission technology available in each census block for the entire state. The order of advancement in technology, first being newest, is as follows:

- | | |
|--------------------------------------|--------------------------|
| 1. Optical Carrier/FTTP Service Area | 4. Asymmetric DSL |
| 2. Cable Modem – DOCSIS 3.0 | 5. Symmetric DSL |
| 3. Cable Modem – Other | 6. Other Copper Wireline |

**Percent of Wireline Broadband Availability
by Transmission Technology- April 2014**



**Percent of Wireline Broadband Availability
by Transmission Technology- October 2014**

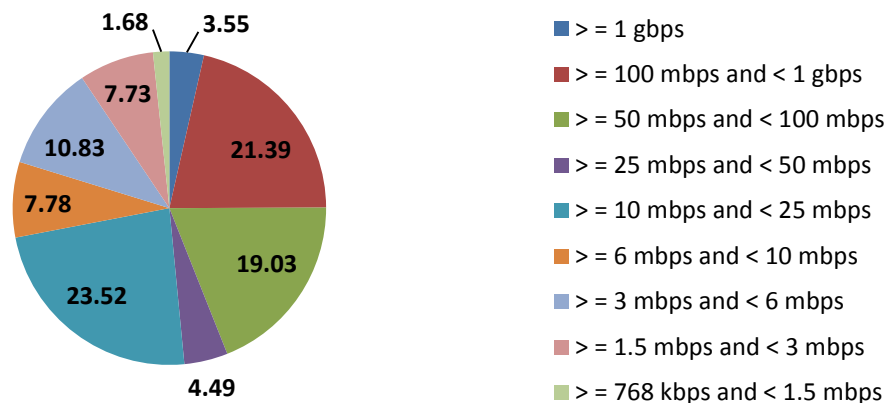


Percent of Broadband Availability by Highest Speed Available

The graphs below represent the percent of the overall wireline broadband availability by greatest available broadband speeds in each block area of the state. This data is being compared between the April 2013 and October 2012 data submissions.

Without taking into account which technology customers are using, there is a great variation in speeds available for use. While speeds of 768 kbps and above have been available to almost all areas in the state, these speeds do not cover the necessities by most customers to be able to send and receive emails, as well as businesses that require the highest available speeds to perform teleconferencing and other broadband capabilities. For this reason, it is important to gain an understanding of the availability for these greater speeds across the state.

Percent of Wireline Broadband Availability by Highest Speed Available - April 2014



Percent of Wireline Broadband Availability by Highest Speed Available - October 2014

