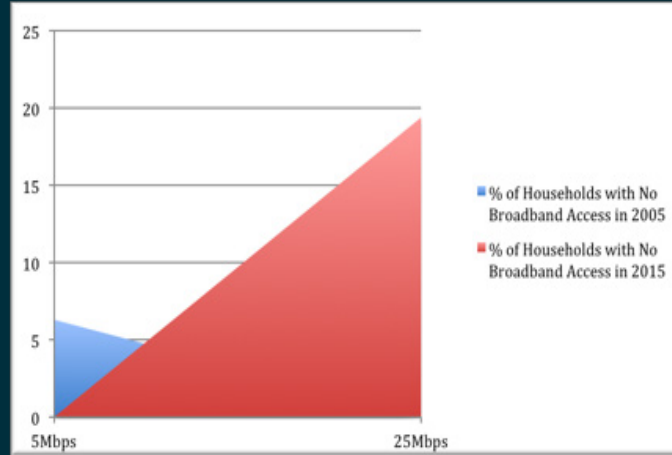
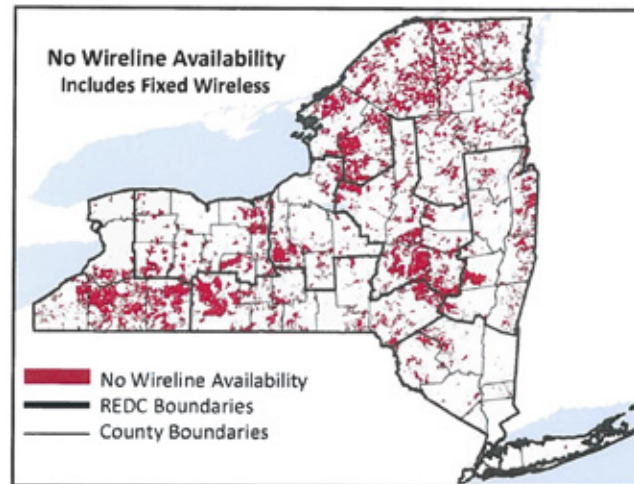
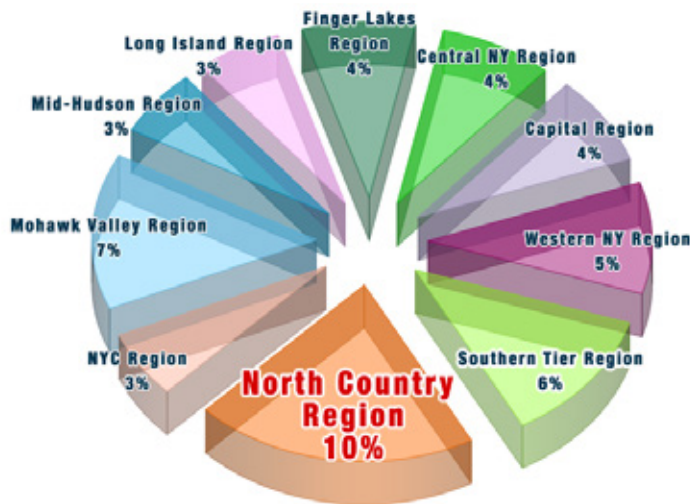


What is Broadband?

The FCC has recently redefined the term "Broadband" to mean Internet access that provides a minimum of 25Mbps download and 3Mbps upload speeds, up from 4Mbps download and 1Mbps upload, which was established in just 2015 (Singleton, Micah. (2015, Jan 29). The FCC has changed the definition of broadband. Under the 2010 definition of broadband, 6.3% of Americans were in households without broadband access. With the newly-established definition, those without what is considered as "Broadband" jumps to 19.4% of Americans.



The State of Broadband in the North Country



Compared to the rest of the state of New York, the North Country has a higher percentage of residents who are **underserved**, as well as **UNSERVED**, when it comes to access to high-speed Internet services. The pie chart (above-left) shows the percentage of those in the North Country Region without Broadband access as compared to the other regions of New York. For the North Country, 10% translates to **over 43,000 people without Broadband access**. If you look at the map (above-right), the red marks show the areas where there is NO Wireline Availability, meaning there is no Internet available at all because the infrastructure does not exist.

Communities that are underserved and unserved at this magnitude find it difficult to provide its residents with the same level of healthcare, education, and jobs that are available in other areas. Having **widespread broadband access allows for economic growth** in communities, and provides its job-seekers, businesses, medical professionals, and students of all ages the ability to compete on a national level.

Why do we need Broadband?

THE TELECOMMUNICATIONS REVOLUTION HAS ARRIVED! Dating back to the early 90's, the term Internet was used to describe the interconnection of global networks to serve billions of users. This protocol has naturally progressed from 56k dial up modem speeds to the rise of services like VoIP, VOD, IPTV, and other high bandwidth applications. Because of this progression, companies are turning to an all fiber optic based system. Fiber optics has limitless bandwidth possibilities, but they require a higher level of skill set to maximize this potential.

Plus, as our devices must be increasingly able to handle the larger file sizes with high resolution screens and high definition images and videos that are available on the Internet, the FCC will be regularly changing the definition of "broadband". As time goes on, our devices will require faster speeds to be able to allow us to view and interact with the media available online and the FCC won't be able to stay comfortable with the currently defined broadband speeds.

According to Mignon Clyburn of the FCC:

"We are never satisfied with the status quo. We want better. We continue to push the limit, and that is notable when it comes to technology. As consumers adopt and demand more from their platforms and devices, the need for broadband will increase, requiring robust networks to be in place in order to keep up."
(Singleton, 2015, p. 2)

How Can I Help?

---> Take our survey at:
www.Mohawk-Networks.com/survey

--> No Internet Access? Call us at
(518) 358-2105 for more information

--> Tell your friends, family & co-workers about Mohawk Networks