



**Broadband
Program Office**



New NY Broadband Program

David Salway, Executive Director, NYS Broadband Program

NYS Broadband Program Office

- Chief Broadband Advisor to Governor Cuomo - Recommends Broadband Programs and Policies
- Single Point of Contact for NYS Broadband
- Supports Broadband Initiatives for 10 REDCS
- Administers Broadband Grant Programs
- Partners with Local, State and Federal Agencies
- Conducts Outreach – Public, Provider, and Other Stakeholder

Our Partners – Essential to New York’s Success

- **Federal Government – FCC / USDA / RUS/ NTIA**
 - Partner to Explore Opportunities for Funding
 - E-Rate Collaboration
- **State Government**
 - Public Services Commission – Streamline Regulations
 - Department of Transportation/Thruway Authority – Dig Once Policies
- **Provider Community**
 - Public Interest Groups – NYSTA, NYSWA, WISPA
 - Public/Private Partnerships to Expand Networks
- **Educations/Libraries**
 - State Education Department (100 Mbps Speed Threshold)
 - School Districts / BOCES
 - Education Superhighway
- **NYS Legislature / Local Community Government**
 - Explore opportunities in Districts/ Municipalities



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NYS Broadband Landscape

- **6 Mbps/1.5 Mbps** (New York definition of “broadband”): 1 million residents and 4,000 businesses lack access
- **25 Mbps/10 Mbps**: 5.4 million residents and 55,000 businesses cannot lack access to broadband at these speeds
- **100 Mbps/10 Mbps**: 7 million residents and 113,000 businesses cannot get access to broadband at these speeds.
 - **70 percent of upstate** New Yorkers cannot access broadband at 100Mbps, including thirty-two counties with no access at all to broadband at that speed



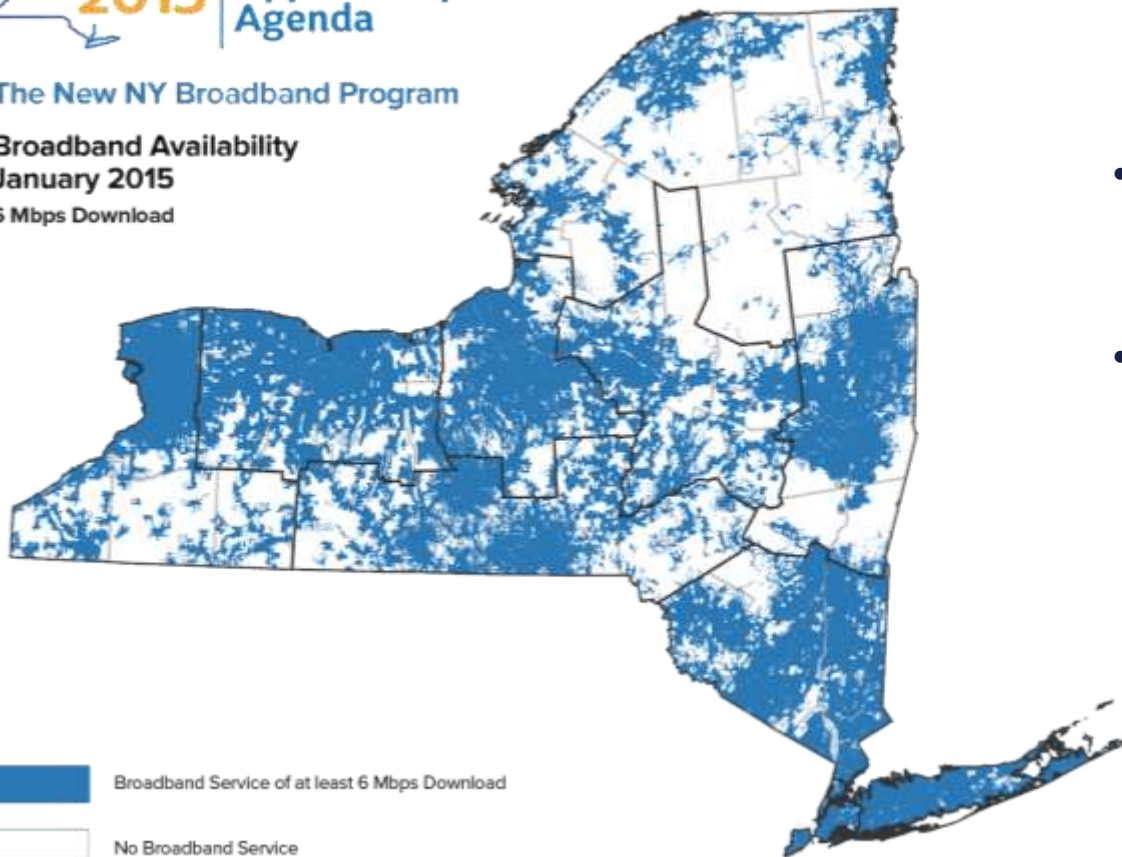
NYS Broadband Landscape



The New NY Broadband Program

Broadband Availability January 2015

6 Mbps Download

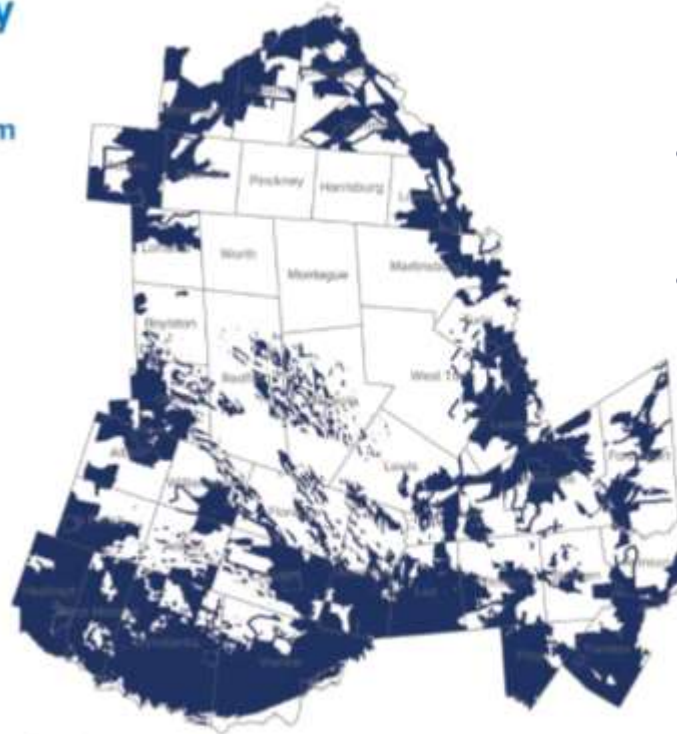


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The New NY Broadband Program

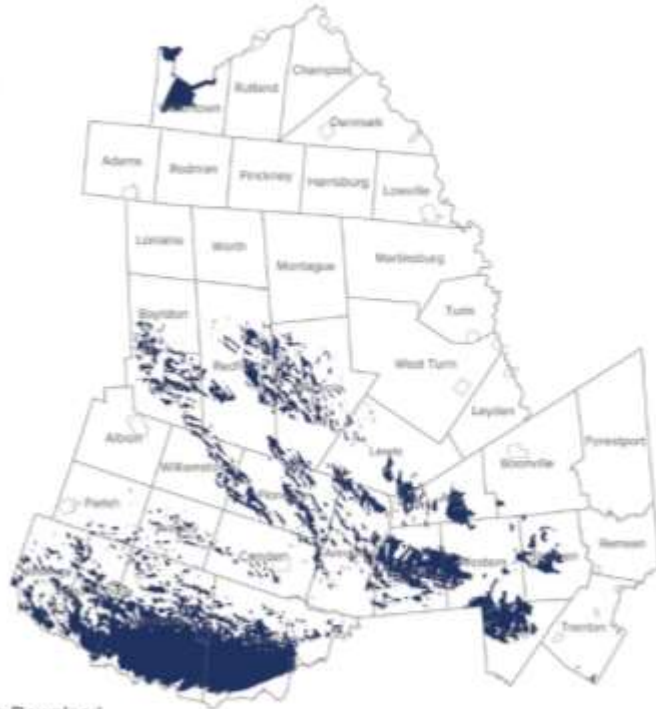
**Tug Hill Region
Broadband Availability
January 2015
6 Mbps Download**



6 Mbps Download/ 1.5 Mbps Upload

- 21% or 21,146 People Lack Access
- 25% or 12,216 Housing Units Lack Access
 - Seasonal Homeowners
 - Extended Stays
 - Spend More \$ Locally

**Tug Hill Region
Broadband Availability
January 2015
25 Mbps Download**



25 Mbps Download/ 10Mbps Upload

- 88% or 91,650 People Lack Access

**Tug Hill Region
Broadband Availability
January 2015
100 Mbps Download**



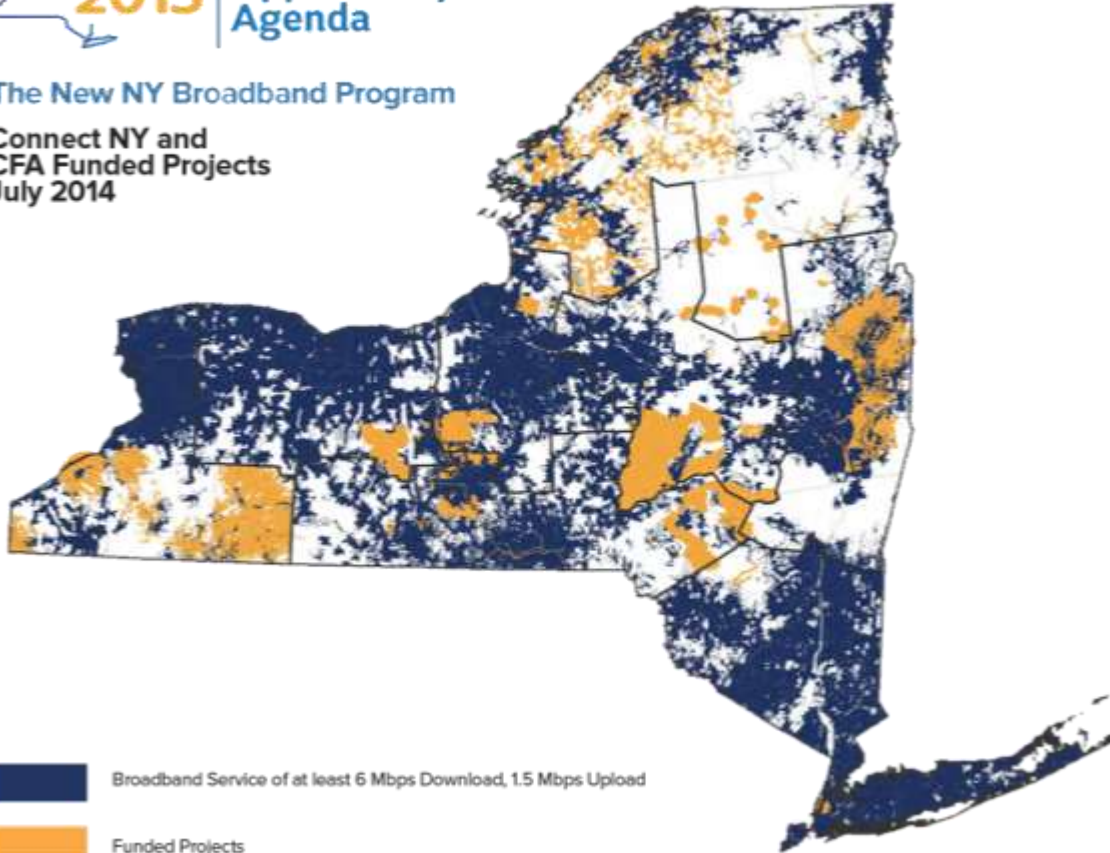
100 Mbps Download/ 10Mbps Upload

- 100% or 103, 880 People Lack Access



The New NY Broadband Program

Connect NY and
CFA Funded Projects
July 2014



\$70 Million in Broadband Investments

- Provide High-Speed Internet Service to:
 - 160,000+ Households
 - 8,000 Businesses
 - 500+ Community Anchor Institutions

New NY Broadband Program

\$1 billion broadband program that leverages both public and private resources to ensure every New Yorker has access to high-speed Internet by 2019

The largest and most ambitious broadband commitment in the nation.



Components of the New NY Broadband Program

1) Funding

- Public/private sector partnerships and a required private sector match of at least 1:1
- The ability of the State to recoup some of its investment through return on loans and investments made



2) Speeds

- Unprecedented broadband speeds up to 100 Mbps in most places. 25 Mbps to New York's most remote communities

3) Deployment

- Regional, ground-up deployment planning with the help of the Regional Economic Development Councils
- Enhanced NYS Broadband Mapping Program
- Leveraging of state-owned fiber and other assets
 - Fiber, Conduits, Land



4) Policy

- Streamlining State policy and regulations to speed up and reduce costs of deployment
 - Make Ready, Rights of Way, Pole Issues
- Development of a web-based State Broadband Deployment Resolution Center
 - Resolve deployment-related bureaucratic, administrative, and regulatory issues
 - Broadband documentation repository

Broadband Community Planning Toolkit



Overview on how to help deploy broadband in your community

- Develop goals for building a broadband network
- Identify stakeholders/community champions
- Develop asset lists and collect data
- Identify potential partners
- Fund broadband projects

5) Broadband Adoption

- I Link NY
 - Designed to increase sustainable broadband adoption by..
 - Providing low-cost broadband service
 - Providing low-cost/no cost devices
 - Providing digital literacy training



\$2 Billion Smart Schools Initiative

- Provide students' access to **state-of-the-art classrooms**
- Ensure **schools are equipped with robust broadband infrastructure**
- Enable **community access to high-speed Internet**

“In order to effectively integrate technology into the classroom, there needs to be sufficient access to the Internet in both schools and communities.”

– Governor Andrew M. Cuomo



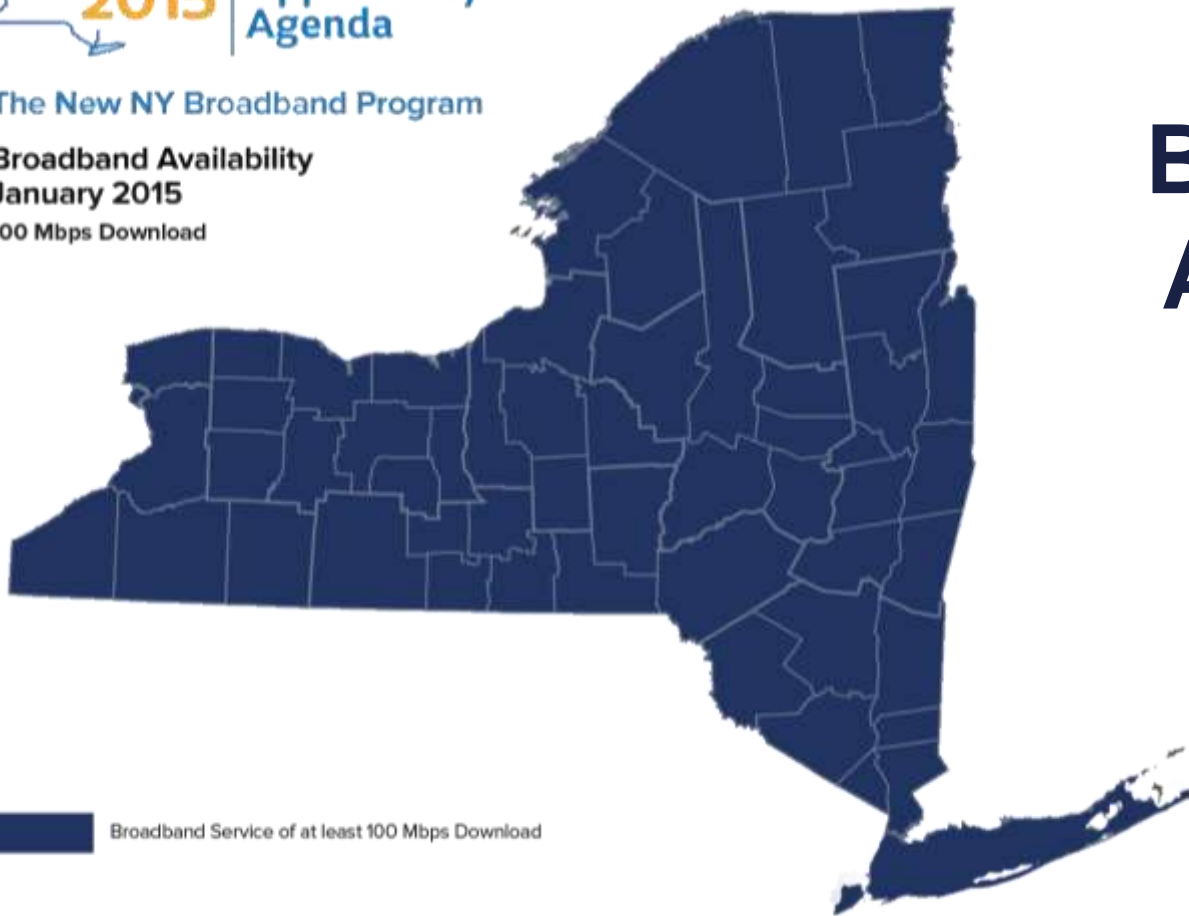
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The New NY Broadband Program

Broadband Availability
January 2015

100 Mbps Download



Universal Broadband Access by 2019

 Broadband Service of at least 100 Mbps Download



Broadband For All

#Broadband4All

<https://www.ny.gov/programs/broadband-all>

