



BROADBANDUSA

BroadbandUSA Technical Assistance Program

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BTOP & BroadbandUSA Technical Assistance

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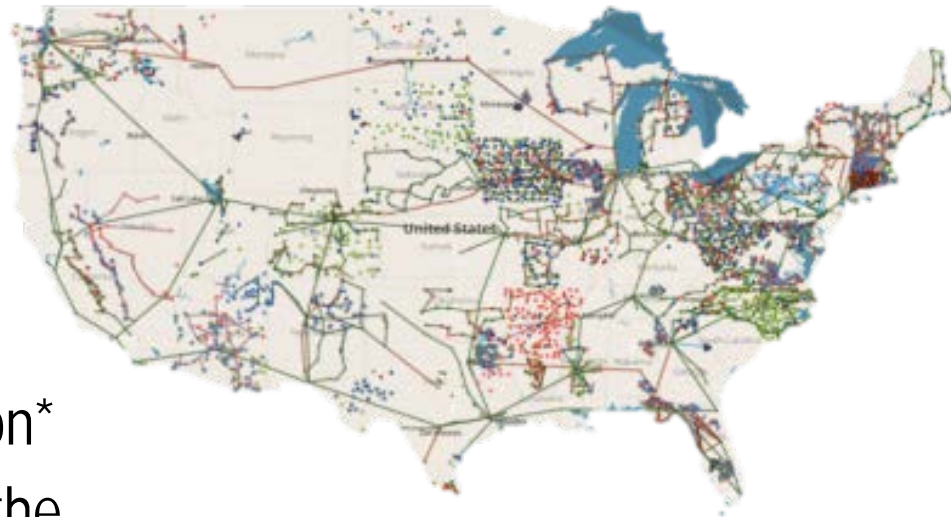
About the National Telecommunications and Information Administration

- Advise the President on domestic and international telecomm policy
- Manage the Federal use of spectrum
- Administer grant programs that further the deployment and use of broadband
- Develop policy on issues related to the Internet economy
- Telecommunications research and engineering with both Federal government and private sector partners
- Research on broadband adoption and trends (i.e., Digital Nation reports)
- **Improve communities' broadband capacity and utilization through BroadbandUSA Initiative**

\$4B in Broadband Investments Since 2009

ARRA created a one-time grant program investing \$4.2 B in four portfolios to advance broadband:

- Comprehensive Community Infrastructure
- Public Computing Centers
- Sustainable Broadband Adoption*
- State Broadband Initiative and the National Broadband Map



Source:

Connecting America's Communities Map

<http://www2.ntia.doc.gov/BTOPmap/>

*Together the first three programs are known as the Broadband Technology Opportunities Program (BTOP)

Broadband Technology Opportunities Program (BTOP) & State Broadband Initiative (SBI)



Comprehensive Community Infrastructure (123): \$3.5B

Construct or upgrade middle-mile broadband networks to connect unserved and underserved areas



Public Computer Centers (66): \$201M

Provide access to broadband, computers, computer & job training, and educational resources



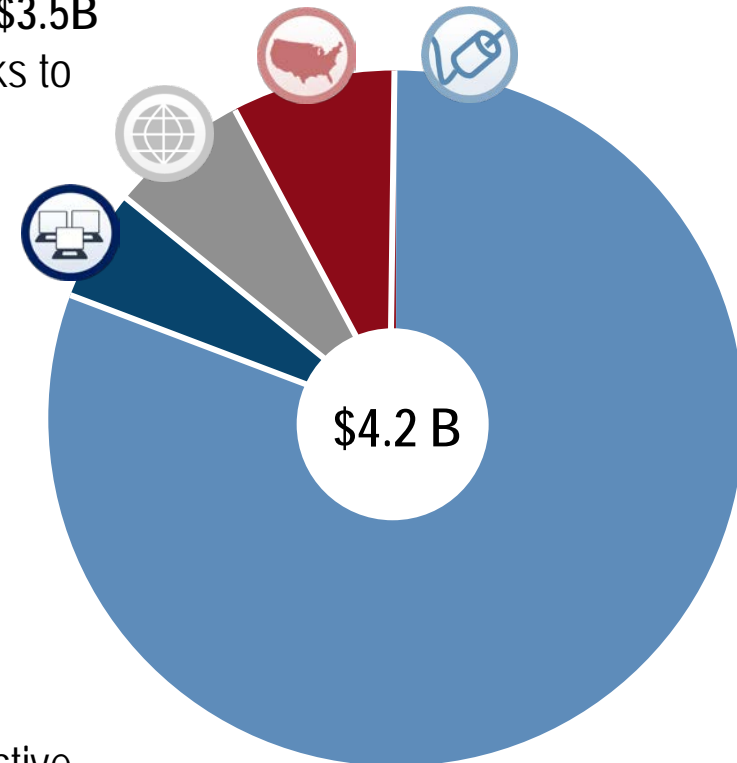
Sustainable Broadband Adoption (44): \$251M

Promote broadband adoption, especially among vulnerable population groups



State Broadband Initiative (56): \$293M

Gather data for use in the publicly searchable, interactive National Broadband Map



BTOP projects successfully deployed fiber networks, offered training, and connected communities

Deployed More Than
116,000 Miles of Fiber



Enough to
circumnavigate the
globe 4.5 times

Delivered 20 Million
Training Hours



Equivalent to taking
classes 24/7 for more
than two centuries

Trained More Than
4 Million People



More than twice the
combined populations of
San Jose & San Francisco

Key BTOP & SBI Impacts



Connected more than 25,000 community anchor institutions.



Established or upgraded 3,000 public computer centers.



Helped over 750,000 households sign up for broadband service.

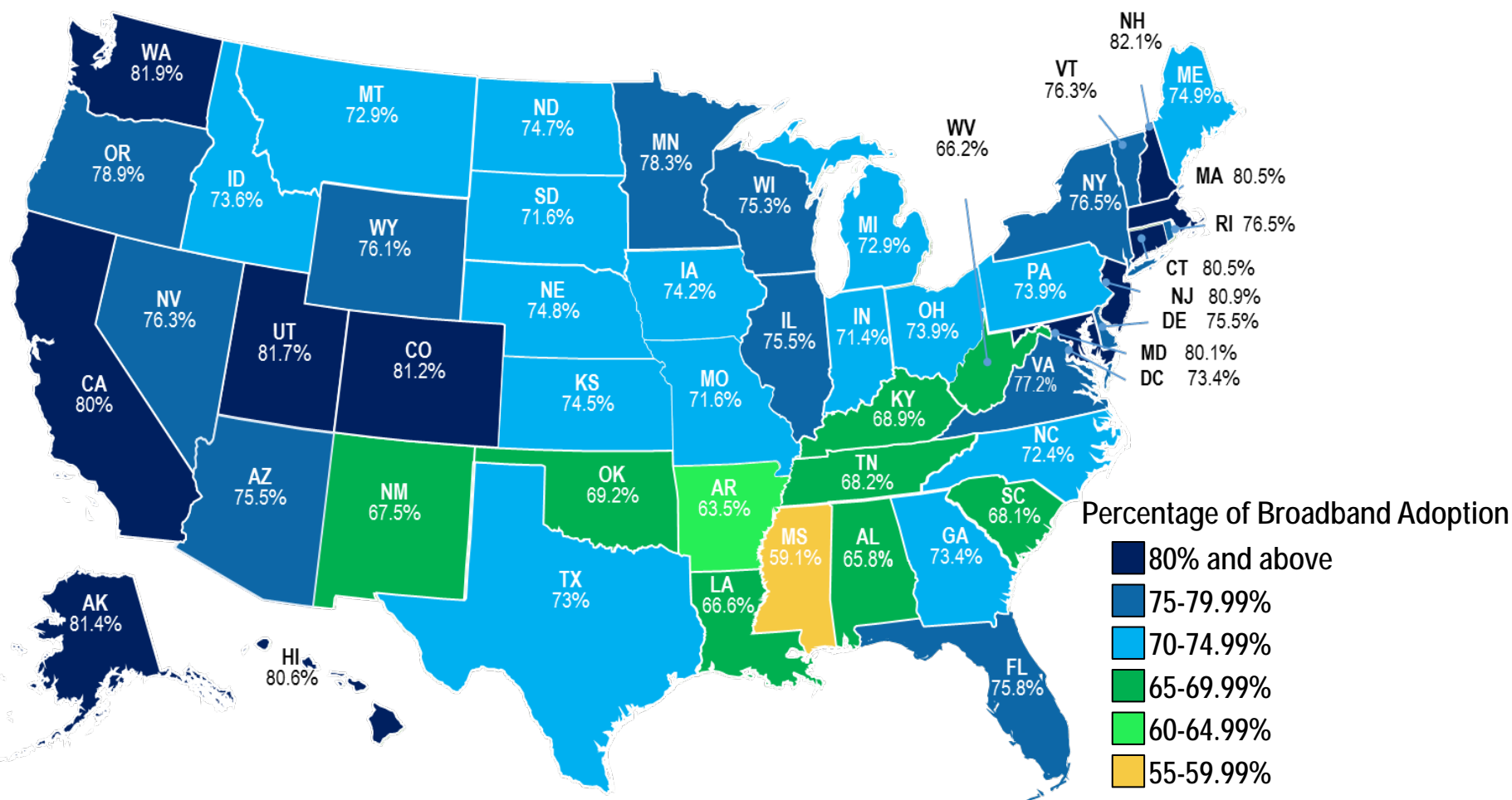


Supported more than 200 local broadband planning teams.



Impacted more than 7,600 communities across the nation.

Despite these gains, more than 55 million Americans don't have access to broadband at home

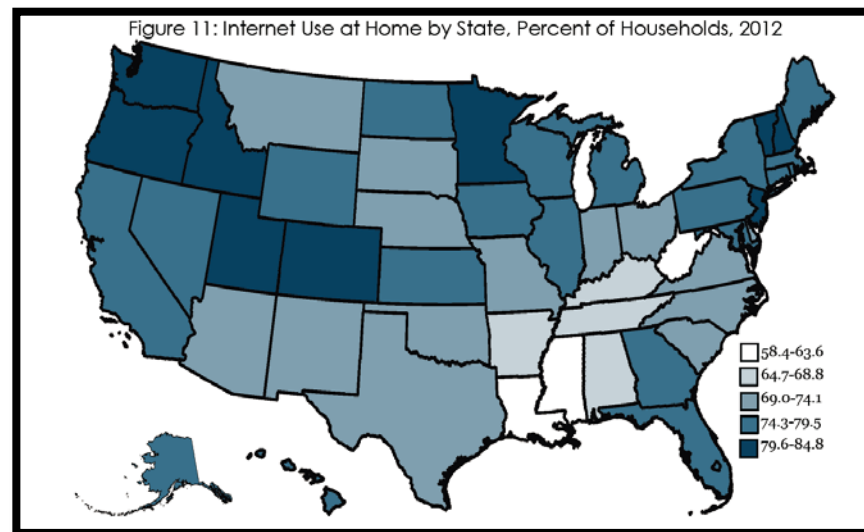


Source: U.S. Census Bureau, American Community Survey, 2014

BroadbandUSA

Promoting Broadband Access and Adoption

- Broadband is no longer an amenity, it is a necessity
- A quarter of Americans still do not have access to broadband at home
- Industries across America rely on broadband
- Broadband applications are vital to rural communities (Education, Economic Output, Global Competition, Telemedicine and Telehealth)



Source:

Exploring the Digital Nation: Embracing the Mobile Internet

Social and Economic Benefits of Broadband Infrastructure

Impact	Description
Increased Economic Output	BTOP infrastructure projects expected to yield \$5.7B to \$21.0B in increased annual economic output.
Long-Term Increased Levels of Employment	BTOP infrastructure projects estimated to produce more than 22k long-term jobs and generate more than \$1B in additional household income each year.
Increased Value to New Broadband Subscribers	Value of broadband Internet access to the average household is 3.4% of household income. A 2% increase in broadband availability yields \$2.6B in value.
Improved Availability	Projects targeted at rural areas, seniors, and those living in poverty are estimated to have improved broadband availability for 4.3M people.
Short-Term Employment and GDP Increases	Economic models indicate that BTOP created 79k year-long jobs during implementation, with an associated economic output of \$12.9B. Thus, \$1 in BTOP spending yielded \$2.81 in total output.



BroadbandUSA provides communities with support, engagement, and coordination

Objectives

- ✓ Provide assistance to **communities** seeking to expand broadband access and adoption
- ✓ Facilitate **public-private partnerships** where feasible
- ✓ Bring **stakeholders together to solve problems** (commercial, government, academia, non-profit, etc.)
- ✓ Foster **coordination and collaboration with federal agencies**

Implementation

Technical Support

- One-to-one Technical Assistance
- Tools
- Content
- Webinars

Community Engagement

- Workshops and Events
- Engagement with communities passed by BTOP to drive last-mile deployment

Federal Coordination

- Broadband Opportunity Council
- Community Broadband Summit

Leverage Broadband Capacity



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CONNECTING AMERICA'S COMMUNITIES

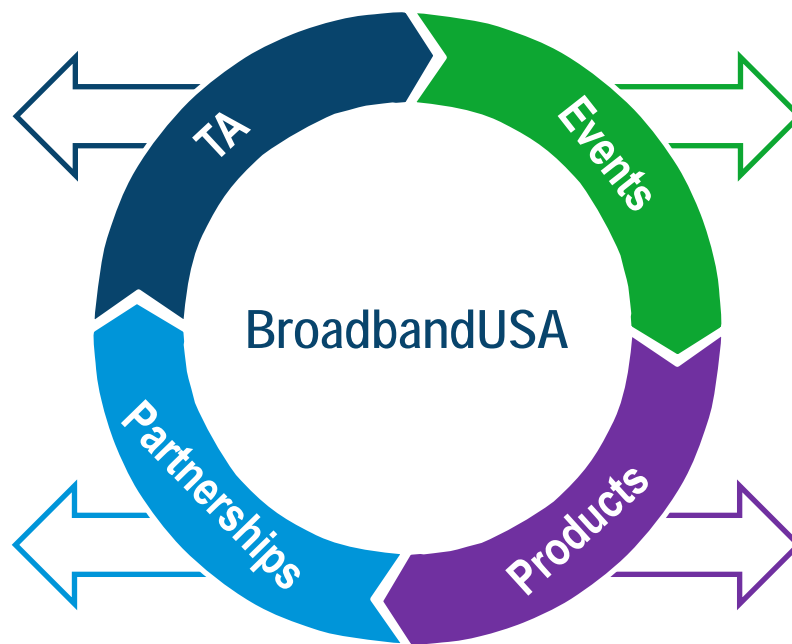
Provide Technical Assistance



What are the capabilities of the BroadbandUSA team?

Direct, hands-on assistance to communities interested in planning and implementing broadband initiatives.

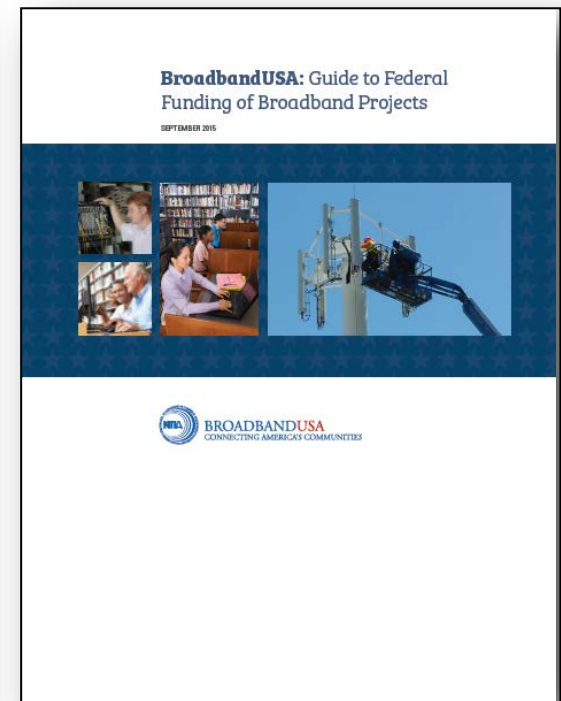
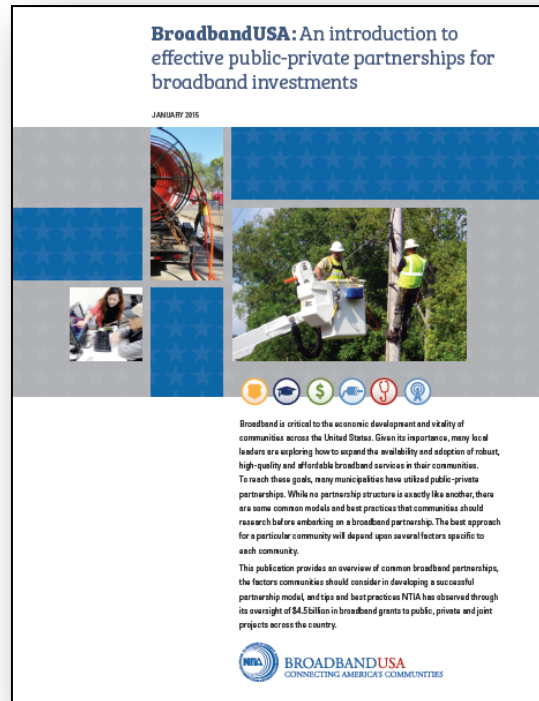
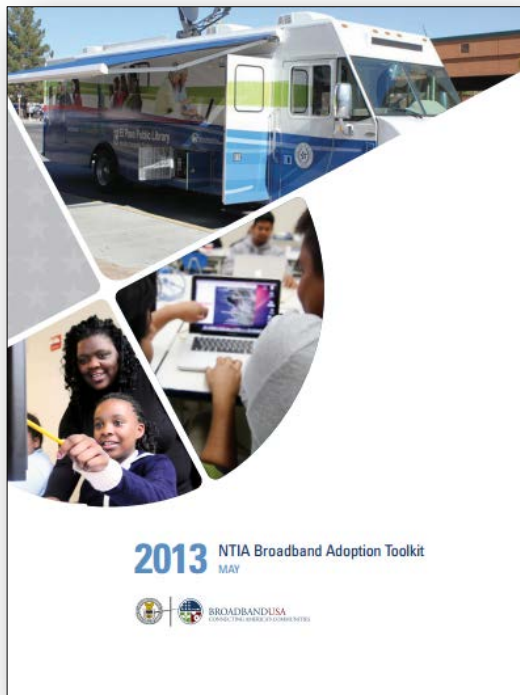
Established partnerships with federal and state governments, industry organizations and broadband thought leaders.



Events that bring together government officials, community leaders and other broadband stakeholders to share real-world broadband success stories and lessons learned.

Products that incorporate best practices and guidance proven by BTOP, SBI and other BroadbandUSA partners.

Develop Assistance Tools: Broadband Adoption Toolkit, Introduction to Effective Public-Private Partnerships, and Guide to Federal Funding of Broadband Projects



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CONNECTING AMERICA'S COMMUNITIES

Let's get going...We can help!

- For more information, contact us at broadbandusa@ntia.doc.gov
- Visit us on the web at <http://www2.ntia.doc.gov>
- TA Resource Guides at <http://www2.ntia.doc.gov/Broadband-Resources>
- Email me at swoods@ntia.doc.gov



The screenshot shows the BroadbandUSA website interface. At the top is the BroadbandUSA logo and navigation links: ABOUT, GRANTS AWARDED, PROGRAM INFORMATION, BRIEFING ROOM, GRANTS MANAGEMENT, and CONTACT US. The main content area features three sections: 1) A map of the United States with the text 'Find Recovery Act Investments to Expand Broadband Access and Adoption in Your Area'. 2) A photo of a woman pointing at a screen with the text 'BTOP In Action' and 'Regents of the University of Minnesota St. Paul, Minnesota celebrated Broadband Access Day on December 9, 2010, in honor of the...'. 3) A search bar with the text 'Search this site:' and a 'Search' button. Below the search bar are three circular icons representing different aspects of broadband access, followed by the text 'CONNECTING AMERICA'S COMMUNITIES INTERACTIVE MAP'. At the bottom right is a logo for the 'National Broadband Map' with the text 'How connected is my community?'.