NTIA BroadbandUSA Overview

October 14, 2021

NTIA's Commitment to Connecting America

The Department of Commerce supports the Biden Administration's agenda and our partner agencies to ensure that every American has access to affordable and reliable broadband and has the skills and opportunities to participate fully in the next generation digital economy.

Deploy broadband infrastructure to communities with the **greatest need**.

Support job creation and workforce development by ensuring that **all Americans have broadband, devices, and digital skills**.
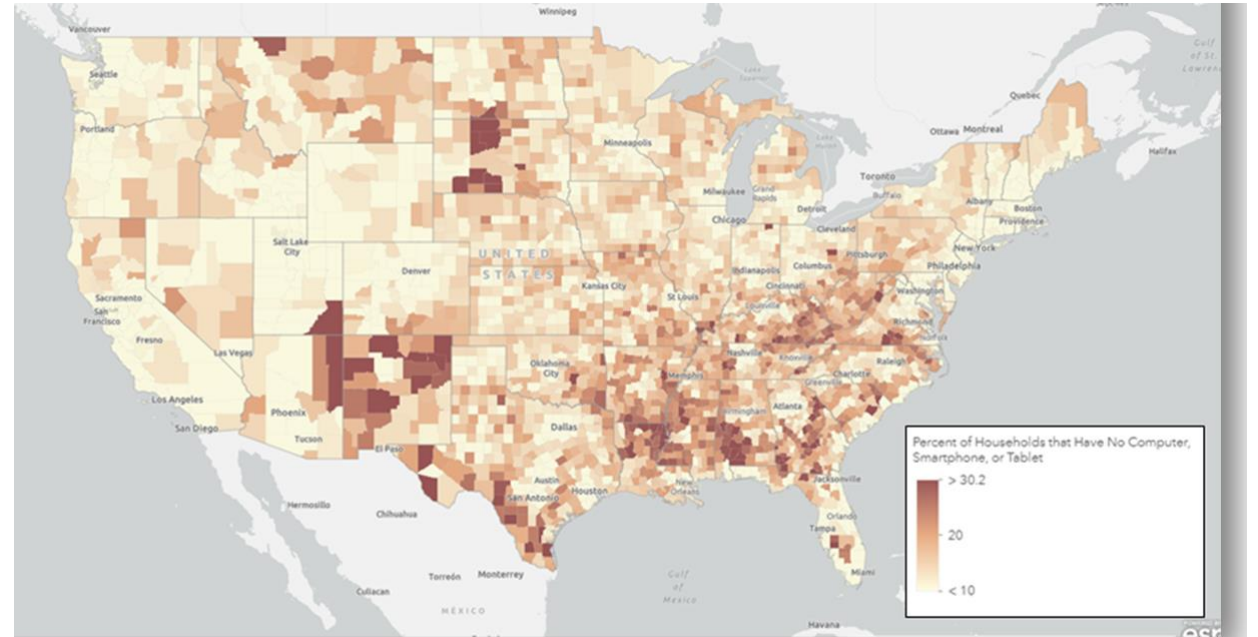
Collaborate with states, Tribes, industry, and federal agencies to effectively expand broadband access and digital inclusion.

Use data to inform policies and investments in broadband at all levels of government.

It's Time to Invest in the American Workforce

- **77% of all jobs** require at least some technology skills.

- **48% of hiring managers** say that candidates lack the skills needed to fill open jobs.

- **29% of students without basic digital skills** say they won't consider post-secondary studies.

- **More than 12 millions households** lack access to a computer, tablet or smartphone.

Residents without devices have fewer opportunities to hone their digital skills, access educational opportunities, and advance in the workforce.

Visualization: NTIA National Broadband Availability Map (NBAM)
Source: American Community Survey Device Ownership data 2015-2019

NTIA 2021 Grant Programs Overview

*Consolidated Appropriations Act, 2021

1 | **$980 million**

2 | **$288 million**

3 | **$268 million**

Tribal Broadband Connectivity Grants:

Grants to expand access to and adoption of: (A) broadband service on Tribal land; or (B) remote learning, telework, or telehealth resources during the COVID-19 pandemic:

+300 applications - $6.5B

Broadband Infrastructure Deployment Grants:

Grants for "covered broadband projects" defined as competitively and technologically neutral projects for the deployment of fixed broadband service in a census block with at least one household or business without access to 25/3:
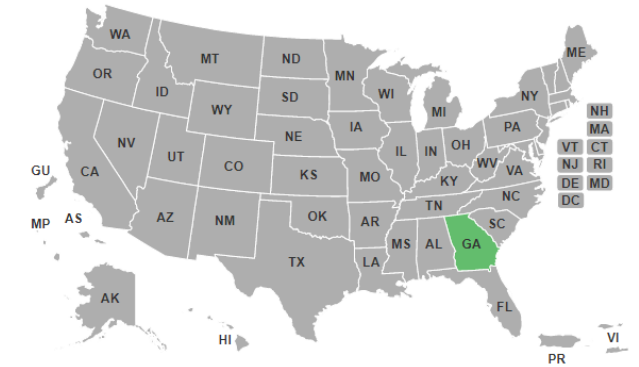
+230 applications – $2.5B

Connecting Minority Communities Pilot Program:

Grants to eligible HBCUs, TCUs and MSIs in anchor communities for the purchase of broadband internet access service or any eligible equipment, or to hire and train information technology personnel:

CMC applications Due 12/1

NTIA Broadband Planning Resources

About BroadbandUSA | BroadbandUSA (doc.gov)

- State Broadband Leaders Network

- Digital Inclusion Leaders Network

- BroadbandUSA Publications

- Federal Broadband Funding Guide

Federal Funding

NTIA helps connect a variety of users from governments, industry, and community anchor institutions to federal funding opportunities that support broadband planning, digital inclusion, and deployment projects. BroadbandUSA's "one-stop" funding site is updated as new funding becomes available with information obtained directly from federal agencies and the Federal Communications Commission.

BroadbandUSA Resources & Publications

Publications

What type of publication are you looking for?

- Broadband Basics
- BroadbandUSA Can Help
- Broadband Planning
- Cost and Financing
- Local and Tribal Governments
- Learning and Schools

Broadband Basics

Why Does Broadband Matter? (PDF)

Broadband is the link that ties your community together and connects it to the world. It doesn't matter if your community is in an urban center or a remote plain; high-speed Internet access is the tool that will help your community members and institutions thrive.

What Speed Do You Need? (PDF)

Wondering whether your community institutions have the baseline speeds that they need for today's capabilities?

Local and Tribal Governments

Planning a Community Broadband Roadmap: A Toolkit for Local and Tribal Governments (PDF)

This toolkit provides advice on developing a Community Broadband Roadmap for building broadband networks, enhancing public computer centers, expanding broadband to unserved areas, encouraging public-private partnerships and promoting broadband connectivity to homes, businesses and institutions. The goal of this publication is to help communities expand broadband access locally to create jobs, improve educational opportunities, promote economic development, spur private investment and facilitate the delivery of essential social services to their citizens.

The Power of Broadband Partnership: A Toolkit for Local and Tribal Governments (PDF)

This Toolkit provides an overview of common broadband partnership models and identifies several factors that communities should consider when developing a successful partnership. The goal of this Toolkit is to equip communities with the know-how to implement their broadband projects with partners who can provide resources and expertise to ensure success and complements the Planning a Community Broadband Roadmap toolkit.

Implementing a Broadband Network Vision: A Toolkit for Local and Tribal Governments (PDF)

This toolkit builds on NTIA's previous guidance on plotting a broadband roadmap and examines how that work can inform a broadband implementation strategy. It includes a nine-step process that outlines how to implement broadband networks from conception to operation.

Sustaining Broadband Networks: A Toolkit for Local and Tribal Governments (PDF)

This toolkit presents an action plan to maintain and sustain a broadband network. This guide contains best practices and lessons learned from broadband programs. The is meant to help both local governments who entered into public-private partnerships and ISPs ensure that those networks are sustainable.

National Broadband Availability Map (NBAM)

- Multi-year program to improve understanding of broadband availability on a granular basis to aid broadband policy and investment decisions.

- Pilot Program started in 2019 with 8 states, currently includes 38 states

- Key data sets: FCC Form 477, Ookla speed tests, ACS data, custom State datasets, federal grant and loan information, other private datasets

https://broadbandusa.ntia.doc.gov/resources/data-and-mapping