
INVESTING IN AMERICA

Delivering Internet to All Americans

June 2023



DRAFT

Agenda

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The Path to Internet for All

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With the 1936 Rural Electrification Act, the federal government made a historic investment in bringing electricity to nearly every home and farm in America, and millions of families and our economy reaped the benefits.

High-speed internet is the new electricity.

Today, roughly 8.5 million locations across America aren't connected to the internet. The Biden-Harris Administration is going to close that gap. As a result of once-in-a-generation funding in the President's Investing in America agenda, including the American Rescue Plan and Bipartisan Infrastructure Law, the Biden-Harris Administration has embarked on a whole-of-country effort to bring affordable, reliable, high-speed internet to everyone in America.



President Biden’s Investing in America Agenda



President Biden’s Investing in America agenda is delivering investments, projects, jobs, and lower costs to Americans across the country.

Providing affordable, reliable, high-speed internet to everyone in America is part of that effort – and that’s why we are investing over **\$90 billion** for internet access, equity, and affordability to meet that goal.

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American Rescue Plan
\$25B down payment

Bipartisan Infrastructure Law
\$65B to finish the job

President Biden will announce +\$40B in funding from the Bipartisan Infrastructure Law on Monday, kicking off an Administration-wide Investing in America tour over the course of three weeks, highlighting how President Biden’s Investing in America agenda is rebuilding infrastructure, lowering costs, and driving a manufacturing and clean energy boom across the country.



A Down Payment on Internet for All

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The American Rescue Plan has already spent or committed roughly **\$25 billion** to invest in affordable, reliable high-speed internet and digital equity programs.

Capital Projects Fund

The Capital Projects Fund is providing up to \$10 billion to states, territories, and Tribal governments to deliver affordable, reliable, high-speed internet infrastructure and other connectivity projects.

Emergency Connectivity Fund

The \$7 billion Emergency Connectivity Fund provided schools and libraries with 10.5 million connected devices and over 5 million internet connections—helping close the “homework gap.”

State and Local Fiscal Recovery Funds

State and local governments have committed more than \$7 billion toward expanding affordable digital connectivity.



BIL invests another \$65 billion



President Biden’s Bipartisan Infrastructure Law brought together Republicans, Democrats, and Independents and invested **\$65 billion** to ensure all Americans can access affordable, reliable, and high-speed internet.

BEAD Program

The Broadband Equity Access and Deployment (BEAD) Program provides \$42.45 Billion to expand high-speed Internet access by funding planning, infrastructure deployment, and adoption programs across the country.

Digital Equity Programs

The Digital Equity Act provides \$2.75 billion to establish three grant programs that promote digital equity and inclusion.

Middle Mile Grant Program

The \$1 billion Middle Mile Grant Program was created to expand middle mile infrastructure and reduce the cost of connecting unserved and underserved areas to the Internet backbone.

Tribal Broadband

The Tribal Broadband Connectivity Program is a \$2 billion program for Tribal governments to bring high-speed Internet to Tribal lands.

Affordable Connectivity Program

The \$14.2 billion Affordable Connectivity Program helps lower internet costs for those in need – saving up millions of households \$30 per month.

ReConnect

\$2 billion in ReConnect funding will expand high-speed Internet access in rural areas.



Support for States, Territories, and Tribes

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One Point of Contact

NTIA built a team of Federal Program Officers (FPOs) to provide one-on-one support to states during the BEAD process. Each state has a singular point of contact at NTIA to provide them information, answer their questions, and support them in this important endeavor.



Expert Technical Assistance

NTIA developed an expert technical assistance team that produces materials to explain the BEAD and Digital Equity program processes, holds group workshops and webinars for multiple states at once, and even offers individual sessions to address the specific concerns of a single state.



Experienced Tribal Engagement

NTIA has built an experienced team entirely focused on Tribal engagement. This team supports not only the Tribal Broadband Connectivity Program (TBCP), which is dedicated Tribal funding, but supports Tribal engagement in all of NTIA's programs, such as BEAD, Digital Equity, and Middle Mile.

Made in America

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President Biden's Investing in America agenda is driving a manufacturing boom – in part because of provisions in the historic legislation passed by President Biden that requires made-in-America materials.

North Carolina fiber optic cable manufacturers CommScope and Corning announced \$47 million and \$500 million expansions earlier this year.



A New Generation of Maps

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Prior to the Broadband DATA Act of 2020, the FCC only mapped high-speed internet service at the census block level. This showed only approximately 2% of the nation as unserved. We knew that wasn't accurate.

We now know that over 7% of locations in the country lack high-speed internet access.



Broadband DATA Act – 2020

The Broadband DATA Act tasked the FCC with making new broadband maps that could show high-speed internet service availability at a location level.



Bipartisan Infrastructure Law (BIL) – 2021

Congress instructed NTIA to rely on the new FCC fixed availability map to determine each state's allocation of BEAD funding based primarily on the number of "unserved" locations in each state.

A New Generation of Maps: Refining the first draft



200+ data sources,
satellite images, and state challenges led to... **+1M** net new locations.

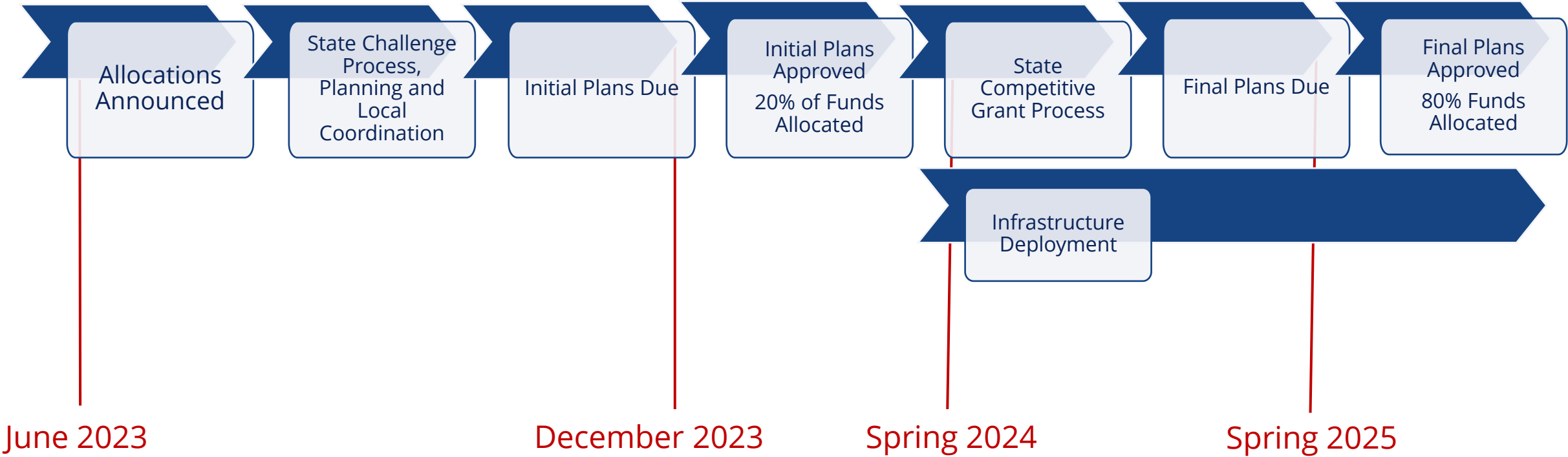
4M+ availability challenges resolved
by the FCC and updated ISP filing identified approximately **500K** locations.

The national story is relatively stagnant...

Total Unserved Broadband Serviceable Locations	8.5M
Percent of Broadband Serviceable Locations that are Unserved was essentially consistent across versions	7%

...overall national stability indicates we are ready to allocate funds

Getting to Internet for All





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The President has been clear – it's our goal to connect everyone in America with affordable, reliable, high-speed internet by 2030.

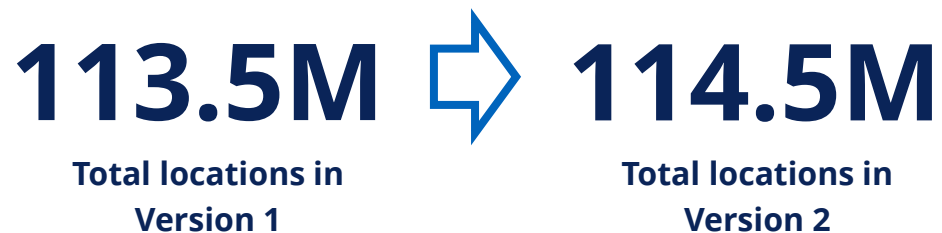
The BEAD allocations that the President will announce on Monday, together with the other investments from the President's Bipartisan Infrastructure Law and the down payment made through the American Rescue Plan we are confident that we will meet the President's goal – **Internet for All**.

Appendix

A New Generation of Maps: Refining the first draft



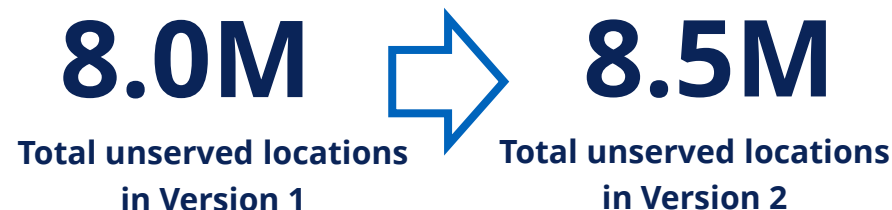
THE FABRIC (Fabric v.1 vs. v.2)



There was a net change of **+1M** locations.

200+ data sources and satellite images accounted for **+90%** of the fabric changes

AVAILABILITY DATA (v.1 vs. v.2)



There was a net change of **+360K** locations.

Over **4M** availability challenges resolved

The national story remains the same...



...overall national stability indicates we are ready to allocate funds