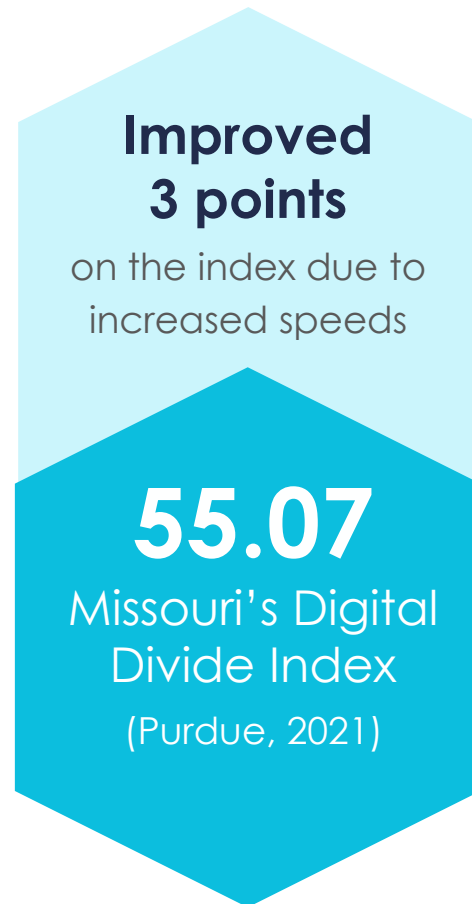


BROADBAND Infrastructure & Access



Missouri Department of
Economic Development

Missouri is making progress on broadband, but there is a long way to go.



Both infrastructure and affordability are barriers to access.

23%

of Missouri students lack access

55.2%

of Missourians have access to a low-cost internet plan

84

LEA's reported students lacked physical access to broadband

Missouri ranks in the **Bottom 5** for access to low-cost Internet

258

LEA's reported students lacked access because of affordability



Missouri's Broadband Plan and Process

The Office of Broadband is working to address these challenges by coordinating the state's broadband initiatives.

Bold efforts are being undertaken to address the following key priority areas:

- Data collection at the local level
- Infrastructure deployment programs
- Affordability initiatives
- Accessibility strategies

DED will continue its initiatives to leverage:

- Existing state programs for broadband priorities
- Educate and engage regional and community on tools for broadband development
- Convene and collaborate with major stakeholders to address local needs



\$824 million invested

State CARES Act Programs

- ⬡ **\$800,000**
to 39 Libraries **80%** rural awards
- ⬡ **\$4.0M**
to distribute **10,045** hotspots to **38** health clinics
- ⬡ **\$7.0M**
awarded to **73%** of K-12 schools to expand campus Wi-Fi
- ⬡ **\$2.4M**
to 26 projects to connect **2,500** homes **80%** with Gigabyte service
- ⬡ **\$8.3M**
in awards helped **88%** of Higher Ed. facilities expand distance learning

\$22.5 million

reimbursed to clinics, libraries,
schools, higher education,
and providers

State Broadband Grant Program

- 6,950 households receiving access
- \$15.1M in private investment
- \$20.57M total investment
- 78% of projects installing Gigabyte service

\$3.05 million
for infrastructure development
across the state

State and Federal Broadband Expansion Underway



FCC Connect America Fund

11 winning providers | \$255 M
Expanding access for 94,735 locations



FCC Rural Digital Opportunity Fund

13 winning providers & 4 consortiums | \$346.3 M
Expanding access for 199,211 locations



USDA ReConnect Round 1

6 winning providers | \$103 M
Access to 14,053 households/182 farms & businesses



USDA ReConnect Round 2

5 winning providers | \$94.4 M
Access to 15,989 households/2,173 farms & businesses



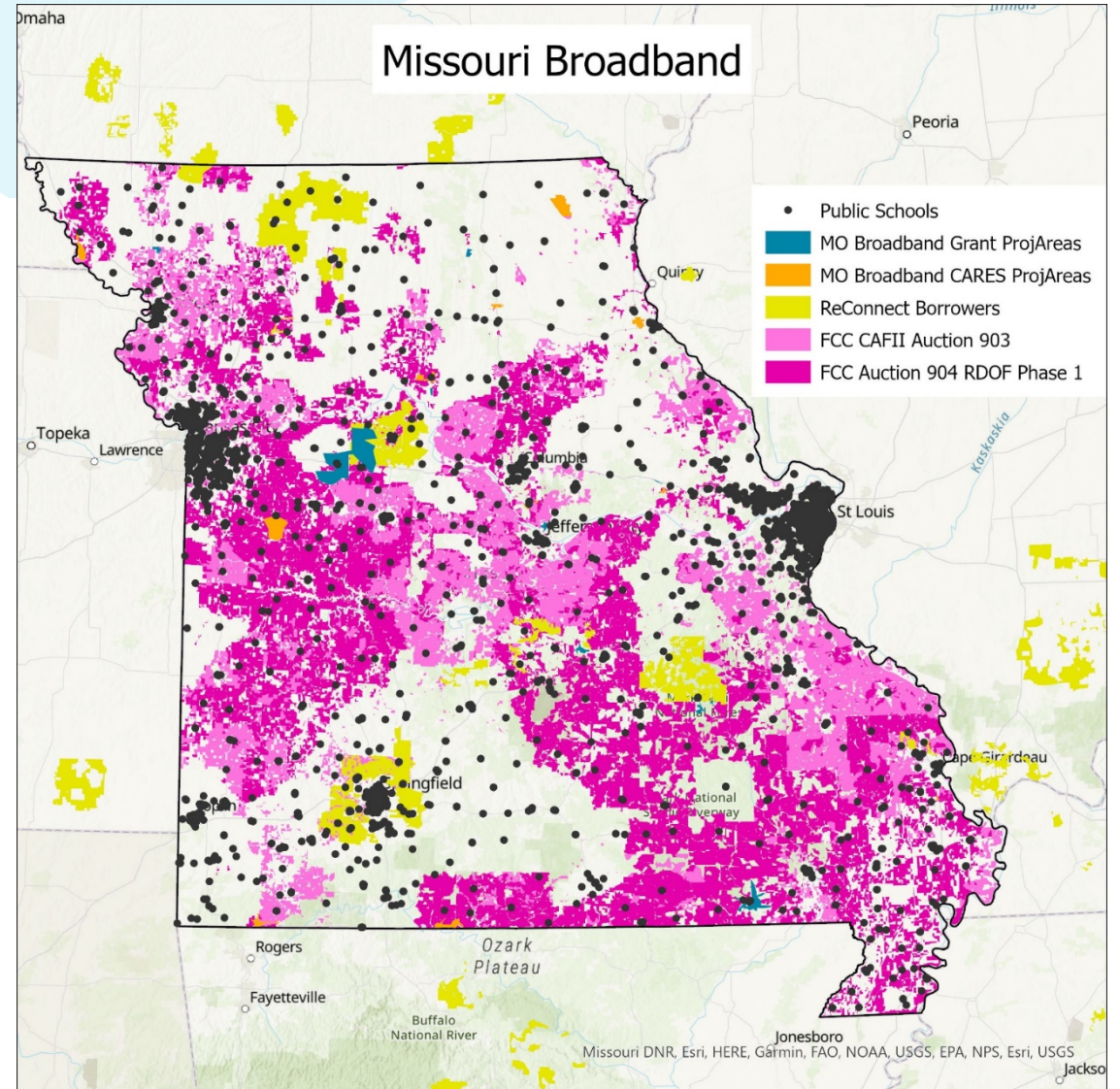
Emergency Broadband Investment Program

13 winning providers | \$3.9 M
Expanded access for 2,465 households



Missouri Broadband Grant Program

13 winning providers | \$3.05 M
Expanded access for 4,416 locations





\$195 million coming

Coronavirus Response and Relief Supplemental Appropriations Act of 2021

APRIL/MAY 2021

FCC Emergency Broadband Benefit Program

\$3.2 billion to help lower the cost of high-speed internet for eligible households during the pandemic

- Up to \$50/month discount for broadband services;
- A one-time discount of up to \$100 for a laptop, desktop computer, or tablet purchased through a participating provider.

SUMMER 2021

NTIA Connecting Minority Communities Pilot Program

\$285 million for Historically Black Colleges and Universities and other minority-serving institutions.

- Purchase of broadband internet access service
- Purchase of eligible equipment
- Hiring and training information technology personnel
- Focus on minority anchor communities (15-mile radius of institution)

APRIL/MAY 2021

NTIA Infrastructure Grants Program

\$300 million for the deployment of broadband in a project area that does not have access to 25/3.

- Eligible applicants include a state, or one or more political subdivisions of a state and providers of fixed broadband service.
- Prioritize service delivering 100/20mb or better, must not conflict with federal funding.
- Must construct within 12 months.

American Rescue Plan

Coronavirus Capital Projects Fund

\$10 billion
in state and
local funding.

Although broadband isn't specifically referenced in writing, it will be eligible for broadband costs.

The funding will be distributed as a formula, with a minimum of \$100M going to each state.

General state and local funding

\$340 billion
for "water, sewer,
and broadband
infrastructure."

FCC E-Rate Expansion

\$7.17 billion
for broadband expansion
for remote learning.

- Reimburse schools and libraries 100% of home connectivity purchases, including:
 - Connected devices
 - Routers
 - Modems
 - Wi-Fi Hotspots
 - Other devices that combine a modem and router
- Remain available until September 30, 2030.

State Broadband Programs and Initiatives

State Grant Program

Governor Parson included
\$5 million
in the FY22 State Budget,
now under consideration by
the Missouri Legislature.

If funded, DED would launch
a grant round this summer.

Broadband Technical Assistance Request

Grant submitted in
partnership with the
MACOG to the Economic
Development Administration
(EDA) for a pilot project for
broadband modeling and
engineering feasibility plans
for up to **24 counties or
8 regional clusters.**

Additional Broadband Initiatives

- Proposed legislation
 - HB735 & HB1378/SB108 & SB570 – Broadband Improvement Districts
 - SB184 – Electrical Corporations to operate broadband
 - HB580 – DESE surveys the homework gap
 - Budget appropriations – Missouri Broadband Grant Program
- Provide education on the use of local development tools for broadband
- Advocate for improved mapping with the FCC



How can education assist and get connected

- DESE leadership will be needed for guidance and counsel on resource allocation.
- Collaboration on other funding sources available to schools and communities.
 - Maximize all funding sources to help address multiple areas in broadband challenges
- School leaders can help with the following:
 - Spread the word on new programs to families
 - Evaluate initiatives undertaken by CARES and reassess, determine local level gaps
 - Be a leader for community and county connectivity strategies

CONTACT

TIM ARBEITER

Director of Broadband Development

573-694-8785

timothy.arbeiter@ded.mo.gov