

Peter Voderberg
Chief: BroadbandOhio

Jan. 25, 2023

Ohio

Department of
Development

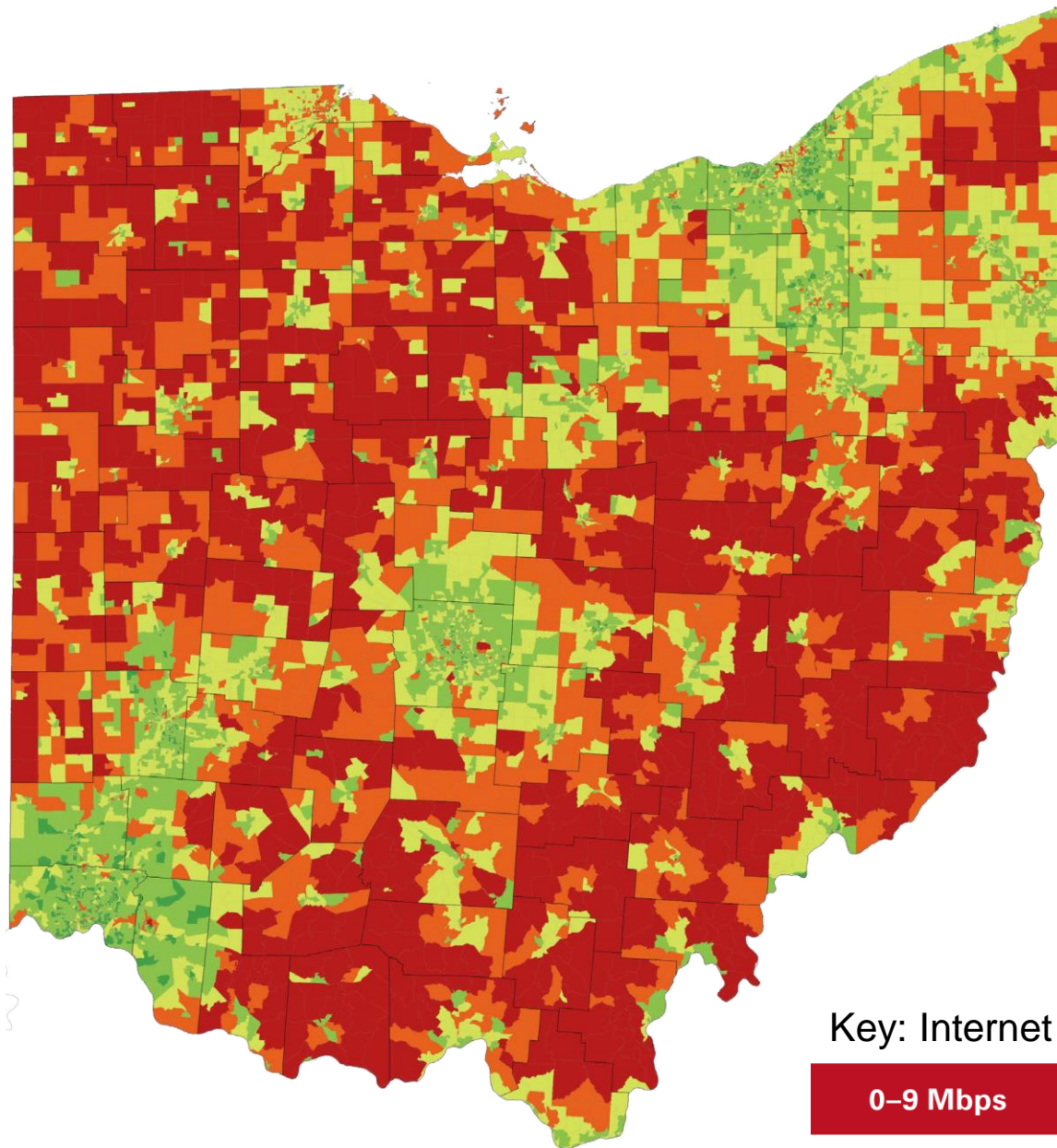
BroadbandOhio

INNOVATE  **hio**

The Need

Consumer-initiated, on-the-ground speed tests show levels of internet connectivity in Ohio households.

Compiled by: Connecting Appalachia 2021, Reid Consulting Group. Data sources include carrier filings of available speeds with the FCC (Form 477), carrier reports of actual broadband deployments to USAC (HUBB), RDOF Phase 1 eligibility, and Ookla® Speedtest Intelligence® data for February 2020 through August 2021. Ookla trademarks used under license and reprinted with permission.



Key: Internet Speeds

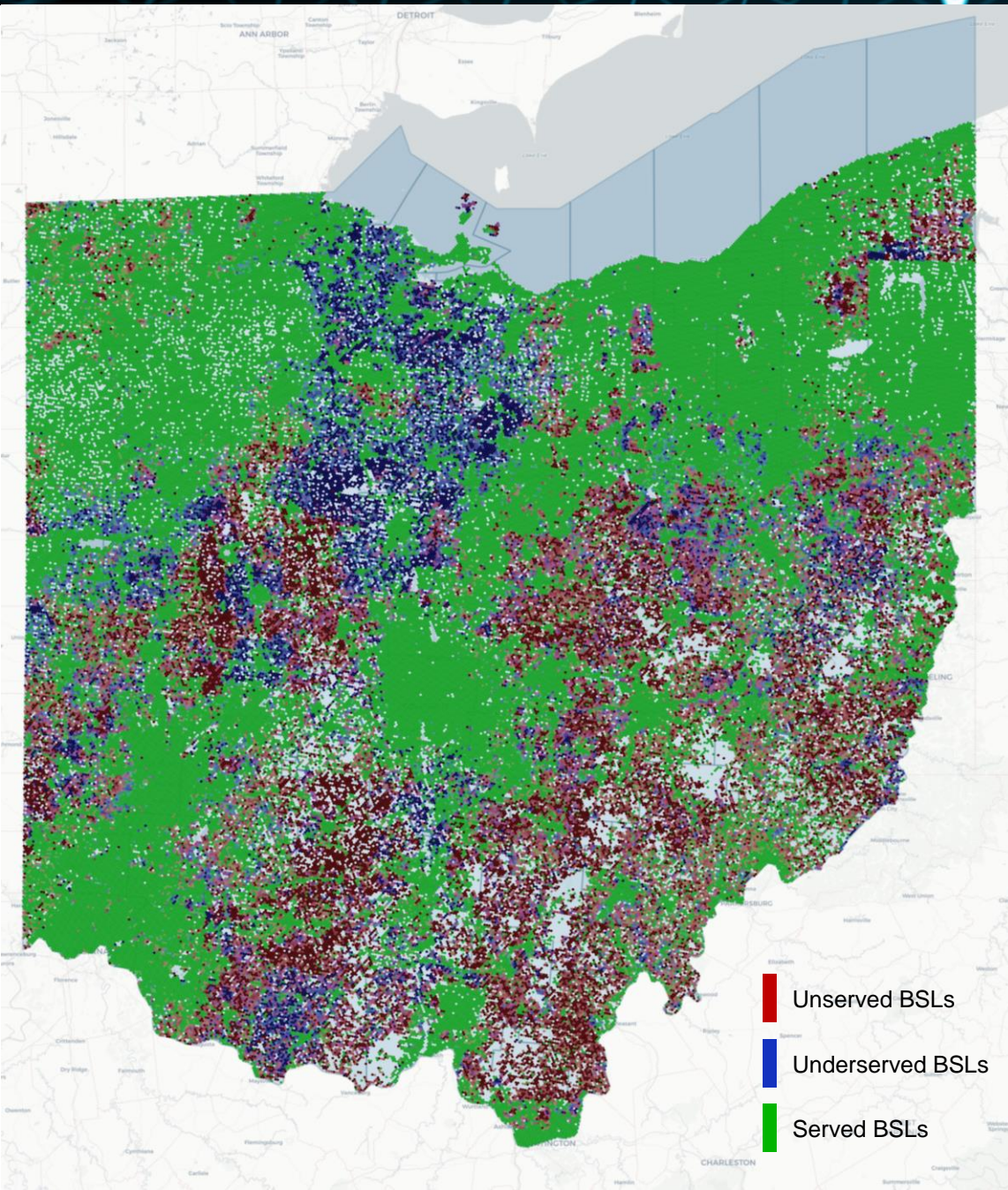
0–9 Mbps

10–24 Mbps

25–49 Mbps

50–100 Mbps

100+ Mbps



FCC Mapping

According to the Federal Communication Commission's (FCC) latest data maps, released Nov. 22, 2022, there are **~195K (4%) unserved** and **~139K (3%) underserved** BSLs* in Ohio.

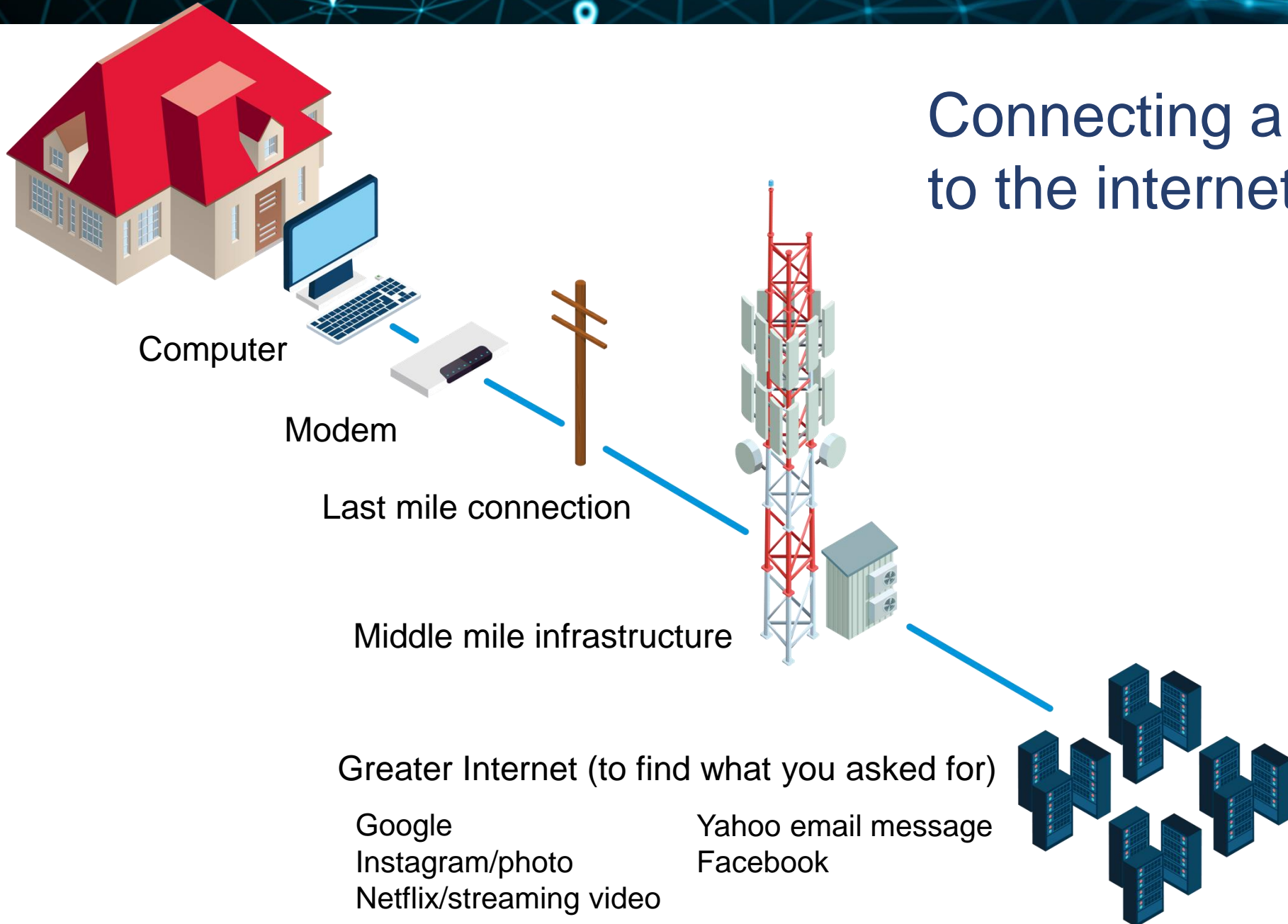
There are roughly **4.5 million total BSLs** in the state today.

*BSLs: Broadband Serviceable Locations

Source: Nov. 22 FCC data maps



Connecting a home to the internet



Office of BroadbandOhio

Established in March 2020

The Vision of the Ohio
Broadband Strategy



Affordable and Accessible
high-speed internet for all Ohioans



Oversight and administration of
best-in-class network to serve as
the foundation for Ohio's future
technology economy

BroadbandOhio Governance Structure and Committees



Governor Mike DeWine

Director Lydia Mihalik,
Ohio Department of Development

Peter Voderberg,
Chief, BroadbandOhio

Broadband Expansion
Grant Program Authority

Broadband
Working Group

BroadbandOhio
Alliance

The Digital Divide: Connectivity Issues



Availability

Adoption

- Digital Literacy
- Affordability

Broadband Accomplishments Timeline

2019

- Jan.** Established InnovateOhio
- Feb.** Connected Nation Ohio – coverage maps
- June** 2019 ODOT/InnovateOhio RFI
- Dec.** Broadband Strategy
- Dec.** Southeast Ohio Broadband Backbone Project Announced

2020

- Mar.** BroadbandOhio was launched
- Mar.** Telehealth Pilot Project
- July** Streamlined ODOT Permitting Process
- July** Education Specific RFI
- Aug.** BroadbandOhio Connectivity Grant
- Dec.** SpaceX/Starlink Marysville Pilot Project
- Dec.** Donation of 150 computers to PCs for People

2021

- Jan.** Riverside Connectivity Pilot Project
- Feb.** Phase 1 of the Telehealth Pilot Project operational
- Mar.** Broadband Ohio Alliance Kickoff Meeting
- Apr.** East Cleveland Connectivity Pilot Project
- May** Signing of House Bill 2
- May** Muskingum Valley ESC Telehealth Project
- May** Middletown Connectivity Pilot Project
- June** \$250M provided from the state budget
- July** Roundtable with Appalachian Regional Commission’s Federal Co-chair Gayle Manchin
- Aug.** Broadband Expansion Authority – First Meeting
- Aug.** Posting of Ohio Residential Broadband Expansion Grant Scoring Criteria
- Aug.** BroadbandOhio Website Live
- Sept.** Strengthening Ohio’s Broadband & 5G Workforce Strategy Released
- Sept.** Application Period Opened for the Ohio Residential Broadband Expansion Grant
- Sept.** Ohio Housing Finance Authority’s 2022-2023 QAP Includes Broadband Threshold
- Sept.** Washington County/Southeast Ohio Broadband Cooperative - MARCS Tower Pilot Project
- Nov.** ORBEG Application Period Closed (218 Applications Received)
- Dec.** Broadband Expansion Authority Initial Determinations on ORBEG Challenges (463 Challenges Received)

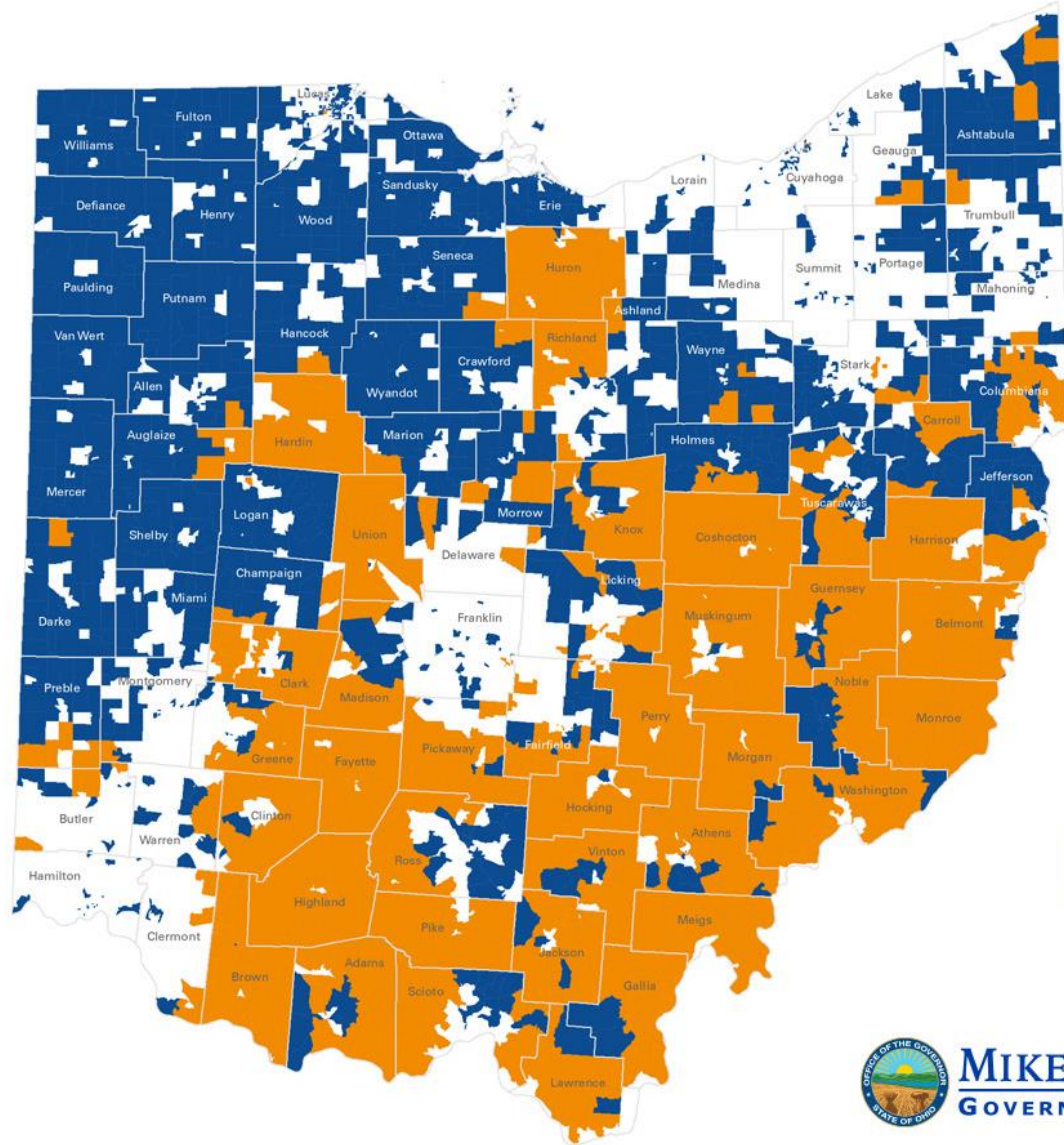
2022

- Jan.** First Two Schools Live in MVESC Telehealth 2 Project
- Feb.** Coronavirus Capital Projects Fund Award Notice from US Department of the Treasury
- Mar.** New Maps of Ohio’s Broadband Availability Gaps Released
- Mar.** Broadband Expansion Grant Program Awards Announced
- Mar.** Mt. Healthy Connectivity Pilot Project
- June** BroadbandOhio Community Accelerator Cohort
- July** Cuyahoga County Connectivity Project
- Sept.** Lake-to-River Regional Broadband Expansion Project
- Sept.** City of Dayton Dept. of Recreation Broadband Expansion
- Oct.** BEAD and DEA Planning Grant Awards

Ohio Residential Broadband Expansion Grant Program

- + HB 2 was signed into law by Governor DeWine on May 17, 2021.
- + Provides grants to internet service providers (ISPs) to fill the funding gap for the construction of broadband projects in unserved and underserved areas of the state.
- + Established the Broadband Expansion Program Authority within the Ohio Department of Development.

Ohio Residential Broadband Expansion Impact



Nearly
100,000
Households

62
Counties

104
Total
Projects

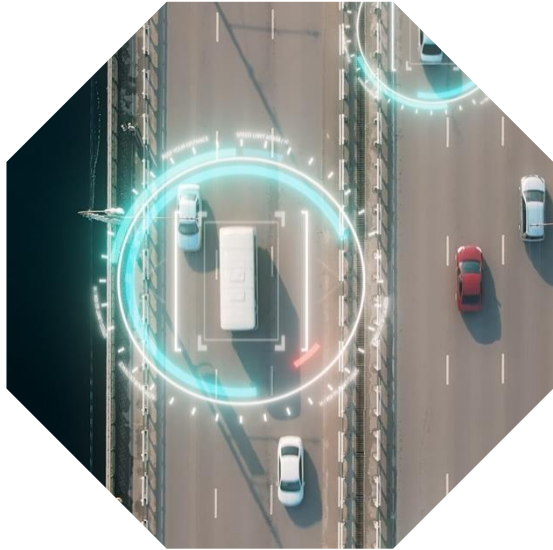
\$232 Million
in Grant Awards

Ohioans without access to high-speed internet

Areas to be covered by new broadband projects

Federal Grant Programs

- + **American Rescue Plan Act**
Coronavirus Capital Projects
Fund (Dept. of Treasury)
- + **Infrastructure Investment and Jobs Act**
Broadband Equity, Access and
Deployment Program (NTIA)
- + **Middle Mile Program**
- + **Digital Equity (NTIA)**



What's next for BroadbandOhio?

- + Precision Agriculture
- + Intelligent Transportation System
- + Middle Mile Expansion in support of last mile

How Can You Help?

- + Identify areas in your region lacking access. This could include boots-on-the-ground conversations and community engagement.
- + Identify key state and local assets that could be leveraged by ISPs to get service out faster and more efficiently.
- + Collaborate with community organizations such as libraries, schools, and nonprofits on access, affordability, and digital literacy efforts. Find your champions!
- + Contact BroadbandOhio at BroadbandOhio@development.ohio.gov

