

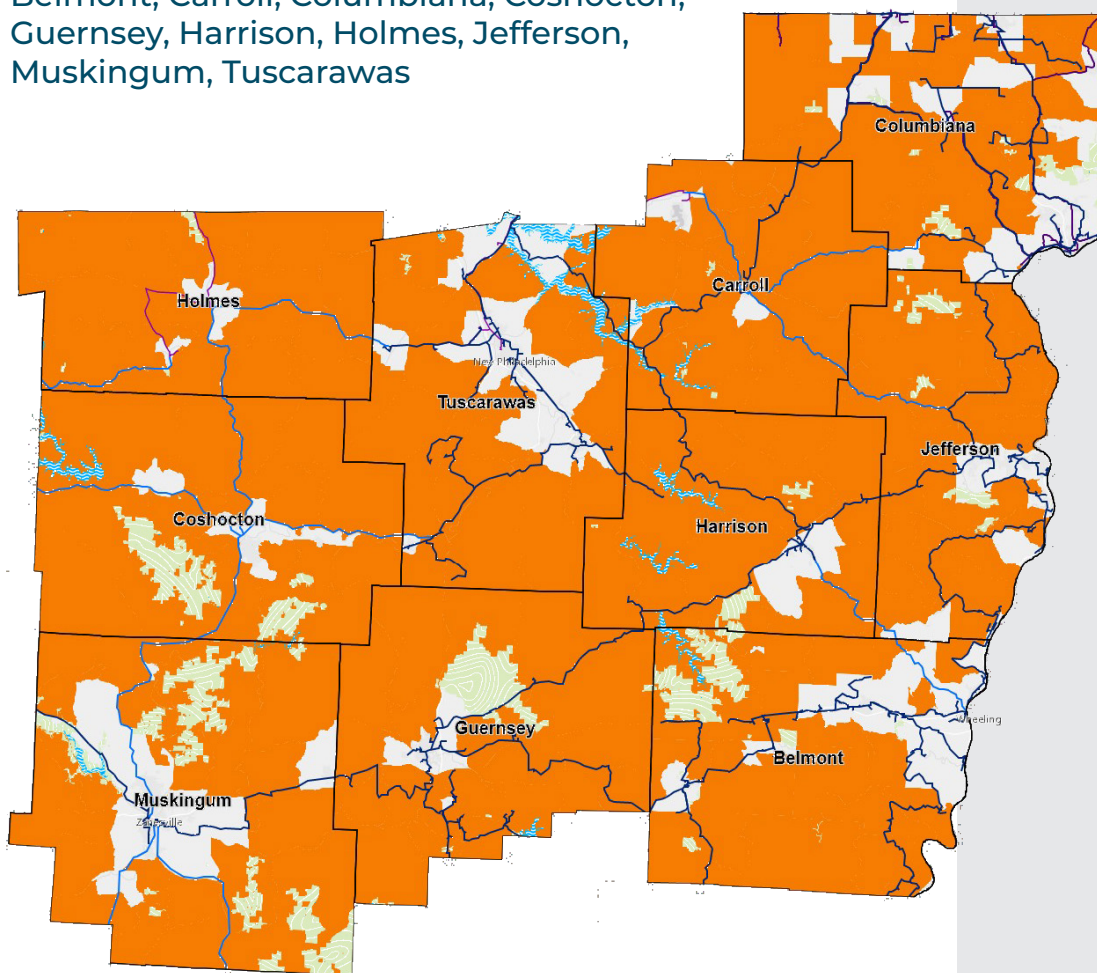
OUR DEVELOPMENT DISTRICT

..... the big picture

78% & 33%
of the populated area of households

DO NOT HAVE ACCESS TO MINIMUM 25/3 Mbps

The district served by the Ohio Mid-Eastern Government Association spans 10 counties: Belmont, Carroll, Columbiana, Coshocton, Guernsey, Harrison, Holmes, Jefferson, Muskingum, Tuscarawas



the district has

4,718 mi²
of populated area

➔ **3,663mi²**
are unserved

0-10 Mbps: **58%**
10-25 Mbps: **20%**
*no data for 3.3% of area

276,115
households

➔ **85,616**
are unserved

0-10 Mbps: **18%**
10-25 Mbps: **14%**
*no data for 26% of households



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Connecting Appalachia



OUR METHODOLOGY

..... *breaking down the data*

Regional Broadband Availability Map Methodology

About This Map

This map was created under contract by Reid Consulting Group, LLC. for Ohio Mid-Eastern Government Association (OMEGA). This map, collectively with county maps created for Buckeye Hills Regional Commission (BHRC) and Ohio Valley Regional Development Commission (OVRDC) are being provided to Connecting Appalachia. Connecting Appalachia is a consortium of local governments, regional economic development councils, and industry professionals working to increase economic opportunity for Appalachia by expanding access to quality, affordable broadband. Broadband availability is displayed at the Census Block Group level.

This project was funded in part by the *I'm a Child of Appalachia Fund* of the Foundation for Appalachian Ohio through the Buckeye Hills Foundation.

Methodology

Coverage ratings are derived from Ookla Speedtest Intelligence® data licensed by InnovateOhio from the State of Ohio for the months of February 2020 through May 2021. Ratings are color coded based on median calculated speed tiers (i.e., download/upload speeds): Below 10/1Mbps is deep red; at least 10/1Mbps and less than 25/3Mbps is orange; at least 25/3Mbps and less than 50/10Mbps is yellow; at least 50/10Mbps and less than 100/20 Mbps is light green; and above 100/20Mbps is bright green.

Where possible, areas with no Ookla data have been assigned an extrapolated rating based on comparative analysis of population density, FCC Form 477 data, and RDOF Phase 1 auction award maps. Extrapolation is effective at low population densities but becomes less accurate as density increases. Areas that cannot be assigned an extrapolated rating are shown in white on the map. To protect consumer privacy, Ookla limits location precision to 100 meters by 100 meters. As a result, a single location may include multiple households and many individual tests. All speed tests within a 100 meter radius were averaged to generate an overall speed by location. Census block ratings were derived by taking the median of all location averages within each block. The following filters were applied to the Ookla data before ratings were calculated:

- Only fixed broadband sources (Cable, DSL, fixed wireless) were included. 3G/LTE/5G mobile data connections were excluded, as were satellite providers.
- Test results with high first-hop latency were excluded to limit the 'skewing' effects of misconfigured wi-fi routers, interference from unshielded household devices, and low wi-fi signal strength.

Reference Layers

The map includes LBRS address data from the State of Ohio. Block Group, Census Block Group and Block boundaries are taken from the 2010 U.S. Census.

Disclaimer

This map is presented "as is" for informational purposes. Reid Consulting Group does not warrant the accuracy, adequacy or completeness of this information and expressly disclaims liability for any errors or omissions. For More Information To learn more about rural broadband issues in Ohio or to request additional information about how this map was developed visit: connectingappalachia.org.



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