



**Recent History of UAMS IDHI Involvement in
Broadband Programs in Arkansas**

What is Digital Health?

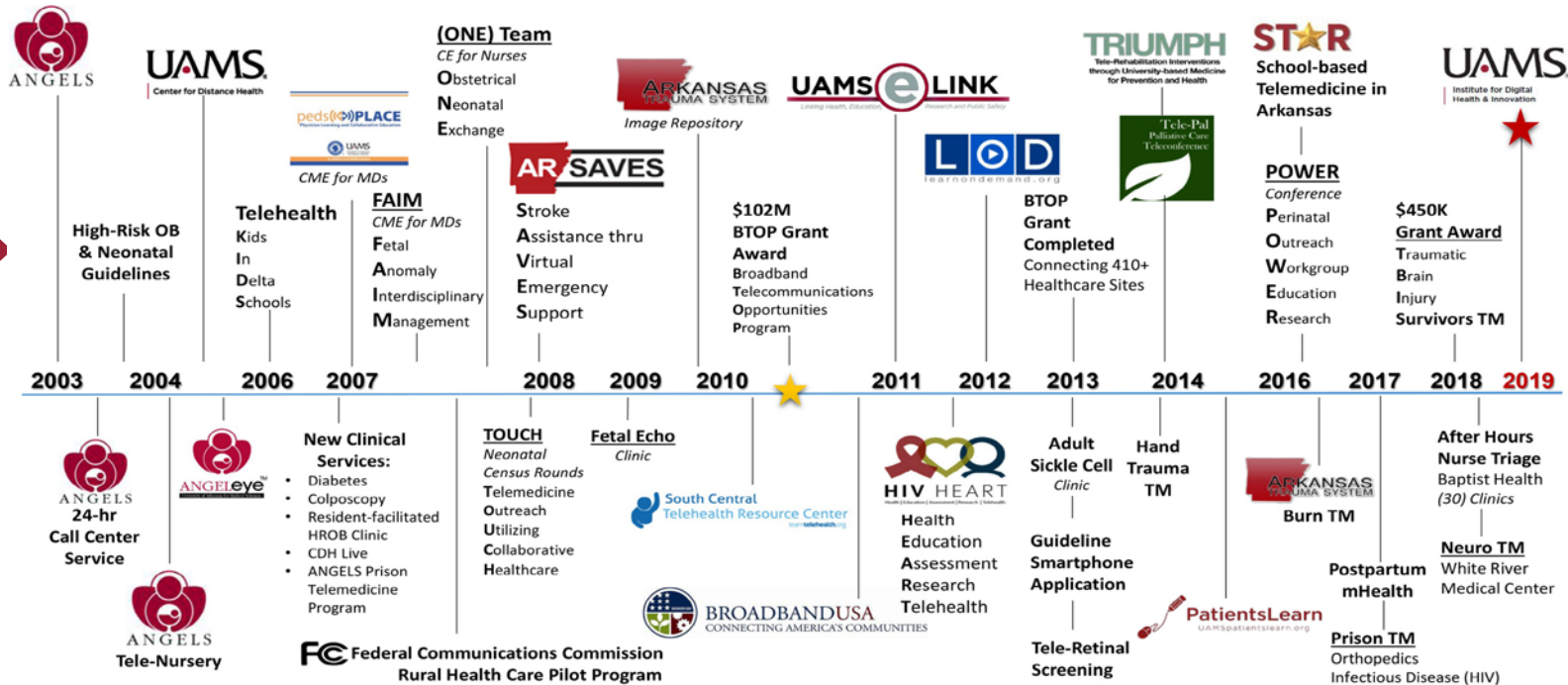
Digital Health encompasses the integration of digital tools and technologies into clinical care and healthcare education through research and innovation.

At the Institute for Digital Health & Innovation we deliver digital health through providing real-time interactive video patient consultations, offering medical education curricula to students and alumni, and educating patients throughout Arkansas.

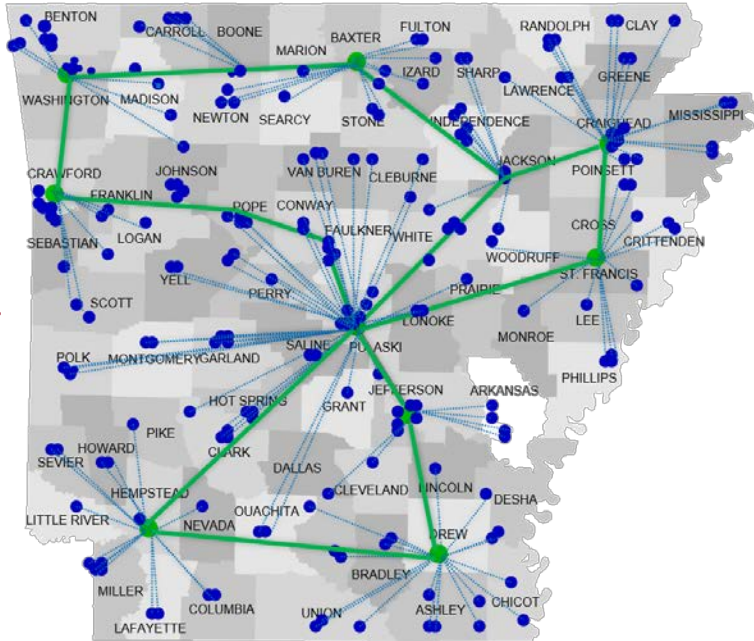
Our goal is to optimize software, devices, and human interaction to improve health and wellness.

UAMS Institute for Digital Health & Innovation

Evolution of Telehealth Programs (2003-2019)



UAMS e-Link



Team of
Program Managers
serving the telehealth needs
of ~560 members connected
to the e-Link Network

Team of
Video Support Specialists
providing 24/7 tech support
to 801+ endpoints

**Telemedicine
Network**
1.8M Video Calls FY20

USAC Consortium Leader
submitting funding
requests, saving eligible
Healthcare Providers
\$1.5M FY20

Team of
Technical Reviewers
evaluating
Arkansas Rural Connect &
Rural Broadband ID
Grant Applications

UAMS

Institute for Digital
Health & Innovation



Arkansas Rural Broadband ID Expenses Trust Fund Grant

Approved April 2020 to help cities, incorporated towns, counties and unincorporated communities conduct broadband due-diligence business studies. The studies are required in federal grant and loan applications for broadband infrastructure.

Administered through the State of Arkansas
Managed by UAMS IDHI

\$2M Award Budget

Maximum Grants Available: 30

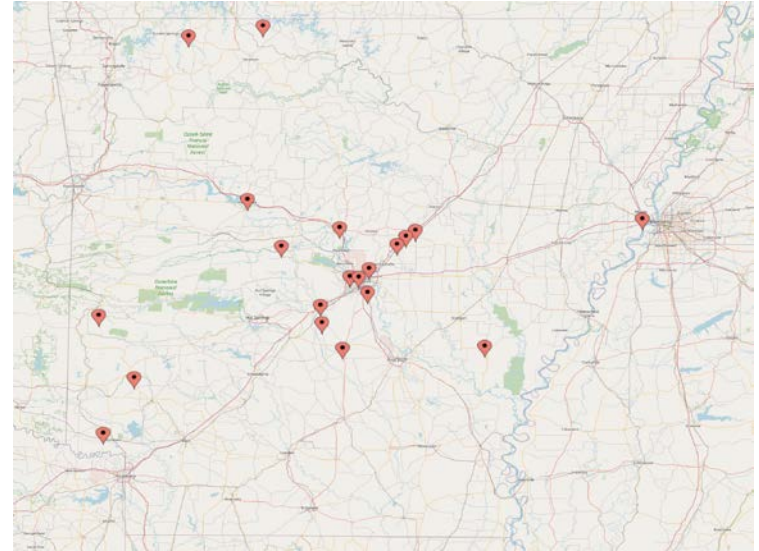
Maximum Award/Recipient: \$75K

Grants Awarded: 20

New Grant Awards Pending: 0

Funds Awarded: \$1,337,117.00

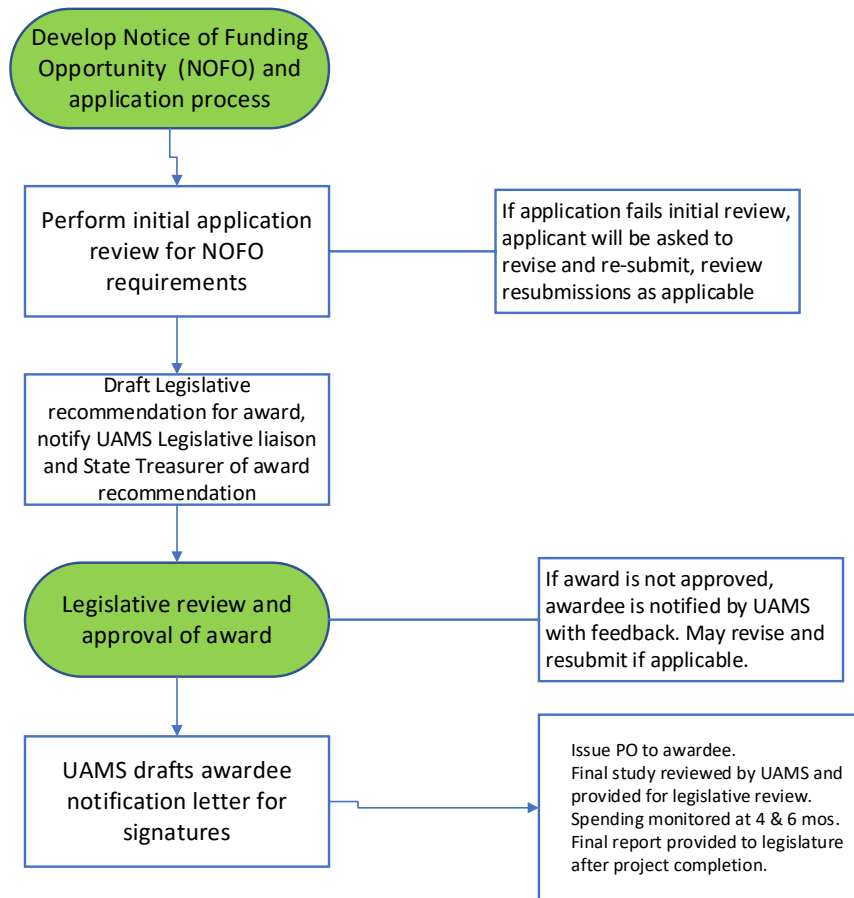
Funds Remaining: \$726,188.22



UAMS

Institute for Digital
Health & Innovation

UAMS IDHI Rural Broadband ID Role





Arkansas Rural Connect Program

To provide funding to ISPs to expand broadband in Arkansas with a focus on rural areas. Once awards were given to ISPs – monitoring to ensure project completion and proper expenditure of award.

Administered through the Arkansas Economic Development Commission
Technical Feasibility Review and Project Monitoring by the UAMS IDHI

\$216.3M Budget

~\$5M State Funds

~\$119M CARES Act

~\$92M American Rescue Plan

Applications Received: 243

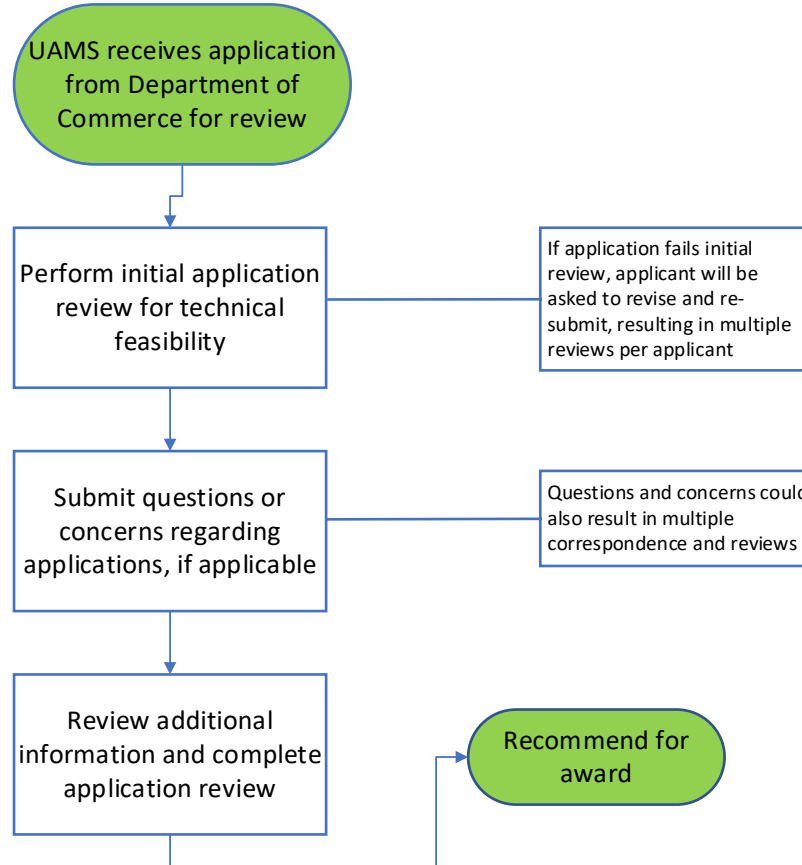
Grant Awards: 111

Grants in Monitoring Phase: 43

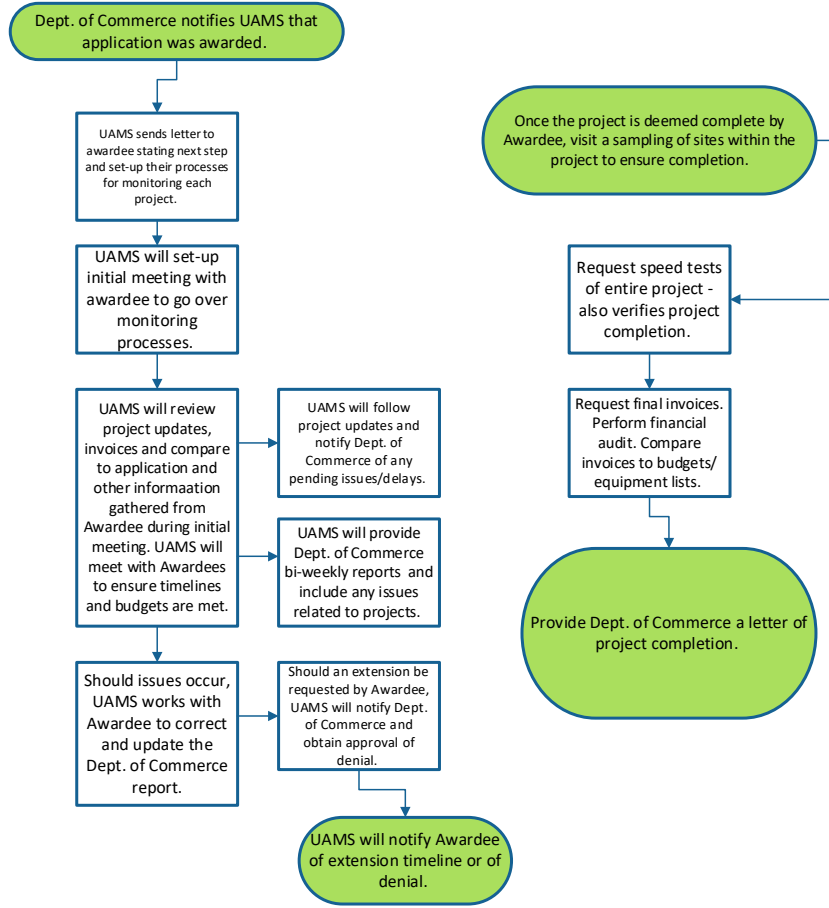
Projects Completed: 68

Funds Awarded: \$210,769,217

UAMS IDHI Review Role



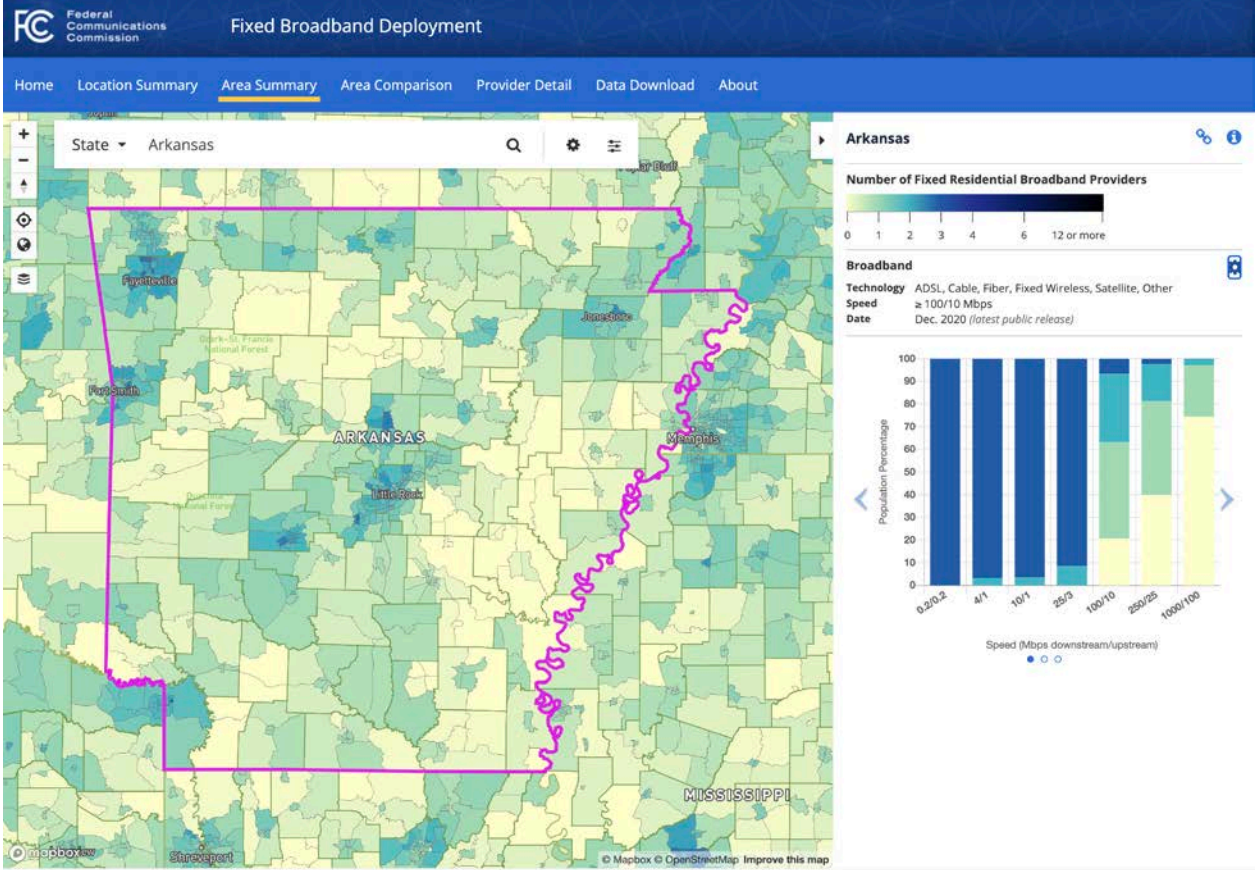
UAMS IDHI Monitoring Role



Appendix:

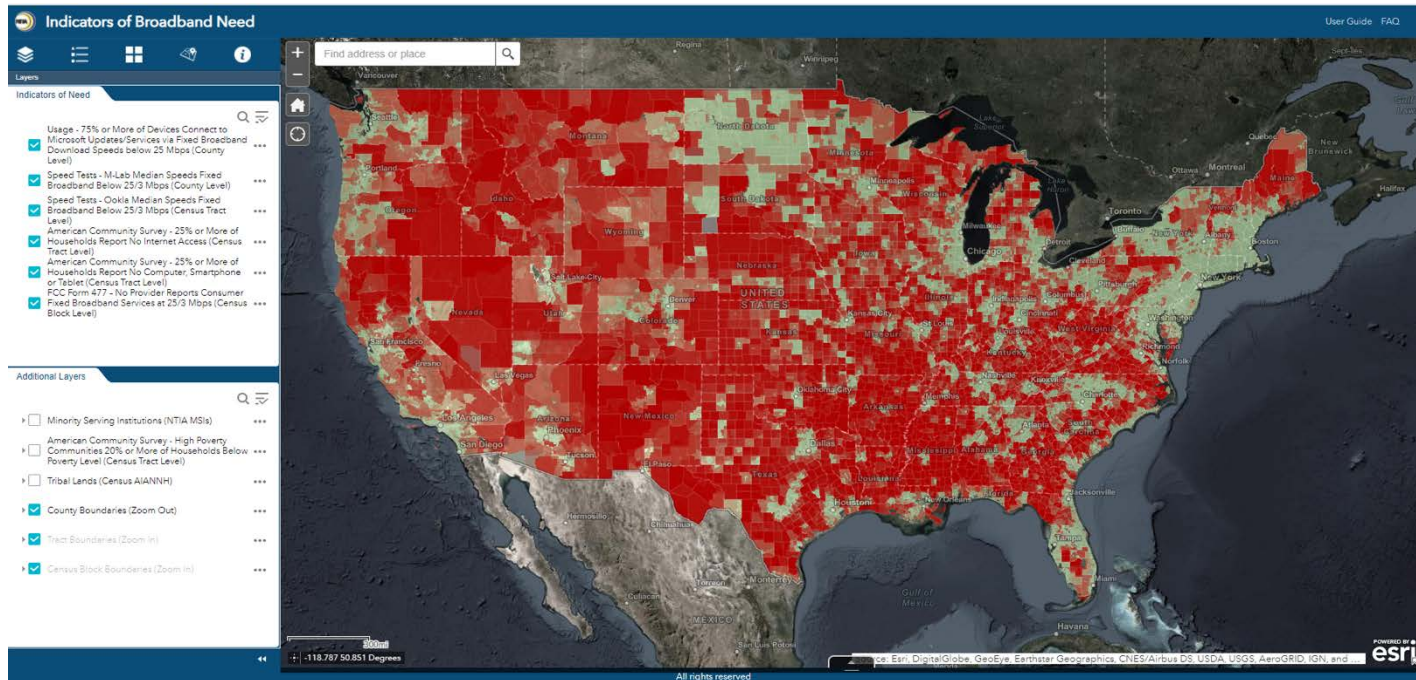
AR Maps of Broadband from National Sources

Arkansas Broadband Deployment $\geq 100/10$



Broadband USA

National Telecommunications and Information Administration



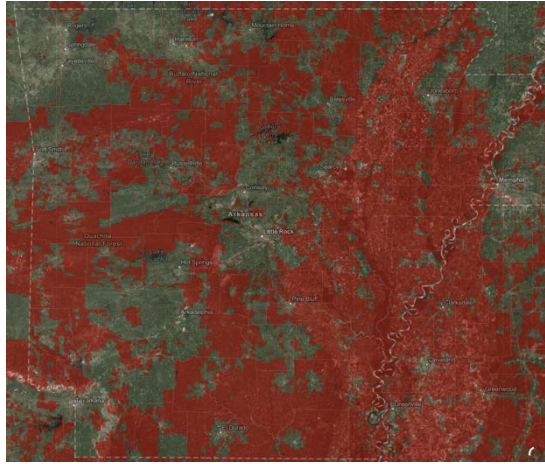
Institute for Digital
Health & Innovation

U.S. Department of Commerce's National Telecommunications and Information Administration

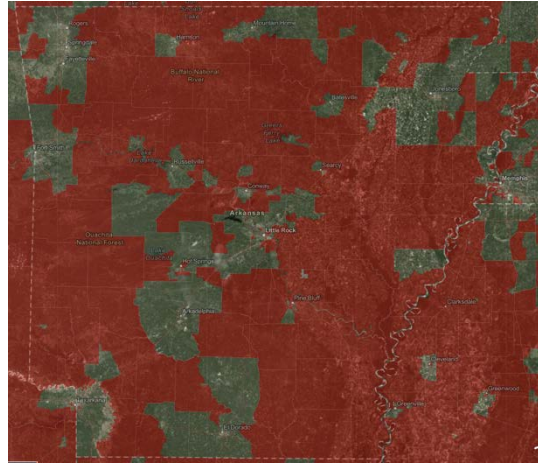
<https://broadbandusa.maps.arcgis.com/apps/webappviewer/index.html?id=ba2dcd585f5e43cba41b7c1ebf2a43d0>

Accessed: 9/3/21

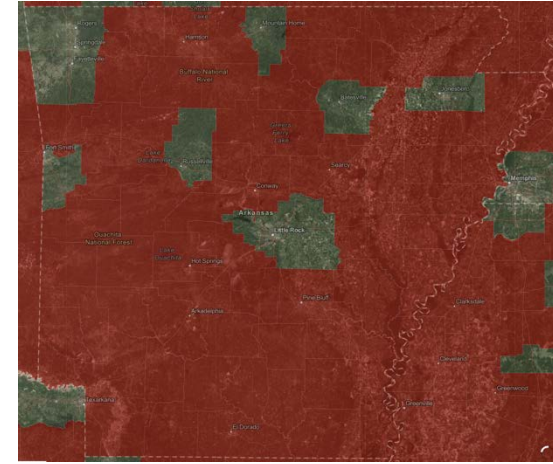
Fixed Broadband Services in Arkansas



FCC Form 477 - No Provider Reports 25/3 Mbps Consumer Service (Census Block)



Ookla Median Speeds Test Below 25/3 (Census Tract)

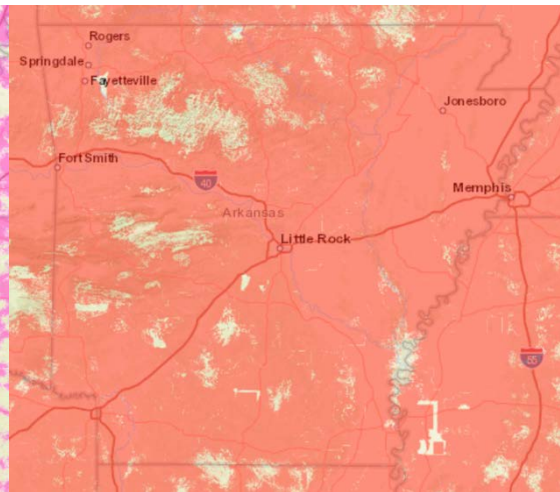
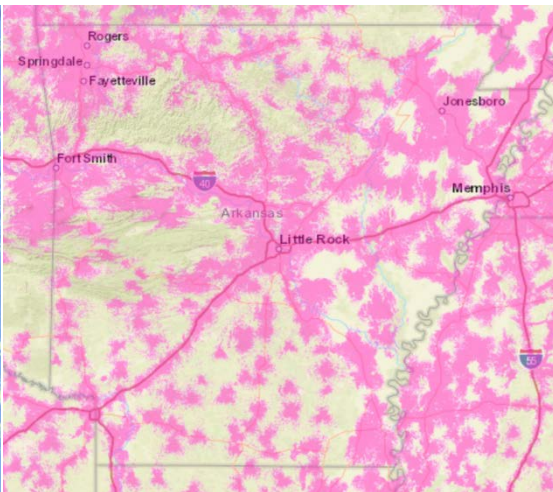
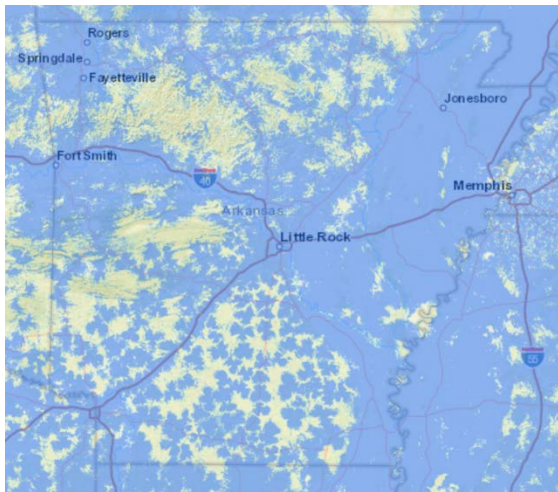


Microsoft – 75%+ Devices Connect to MS Updates below 25Mbps



Institute for Digital Health & Innovation

4G LTE Coverage as of May 15, 2021 (AT&T Mobility, T-Mobile, Verizon)



Institute for Digital
Health & Innovation

FCC Releases First-Of-Its-Kind Mobile Broadband Map
<https://www.fcc.gov/document/fcc-launches-new-mobile-broadband-map>
Accessed: 9/3/21