

# Idaho Digital Inclusion Summit Keynote



[digitalinclusion.org](https://digitalinclusion.org) | [@netinclusion](https://twitter.com/netinclusion)

**ANGELA SIEFER, executive director**

# Presenter



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# About NDIA

National Digital Inclusion Alliance  
advances digital equity by  
supporting community programs  
and equipping policymakers to act.

660+

Affiliates

46

States



# About NDIA



**Practitioner Support**



**Policy**



**Awareness**



**Data & Research**

# Digital Equity

A condition in which all individuals and communities have the information technology capacity needed for full participation in our society, democracy, and economy.



# Digital Inclusion: 5 Elements

1. Affordable, robust broadband internet service
2. Internet-enabled devices that meet the needs of the user
3. Access to digital literacy training
4. Quality technical support
5. Applications and online content designed to enable and encourage self-sufficiency, participation, and collaboration

# WHO IS NOT CONNECTED?

## 36 MILLION US HOUSEHOLDS

Do not have wireline broadband connections\*

\*cable, DSL or fiber



**26**  
MILLION  
Households in  
URBAN Areas

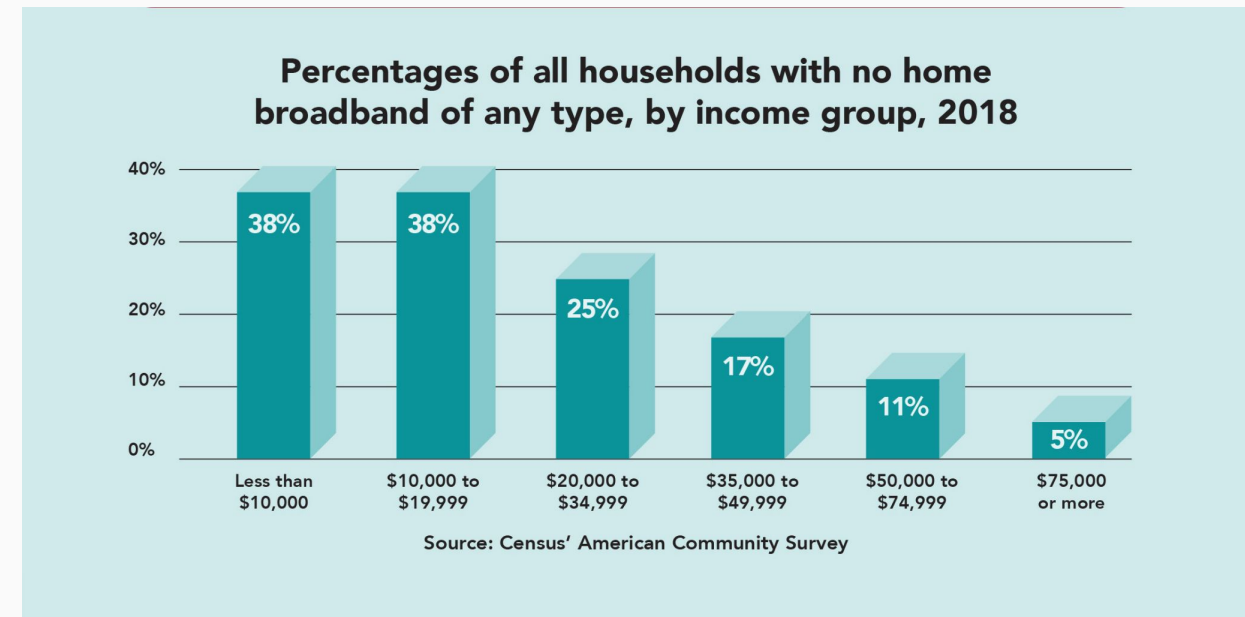


**10**  
MILLION  
Households in  
RURAL Areas



# Digital Divide & Systemic Racism

Federal spending limited to rural infrastructure exacerbates inequities experienced by communities of color.

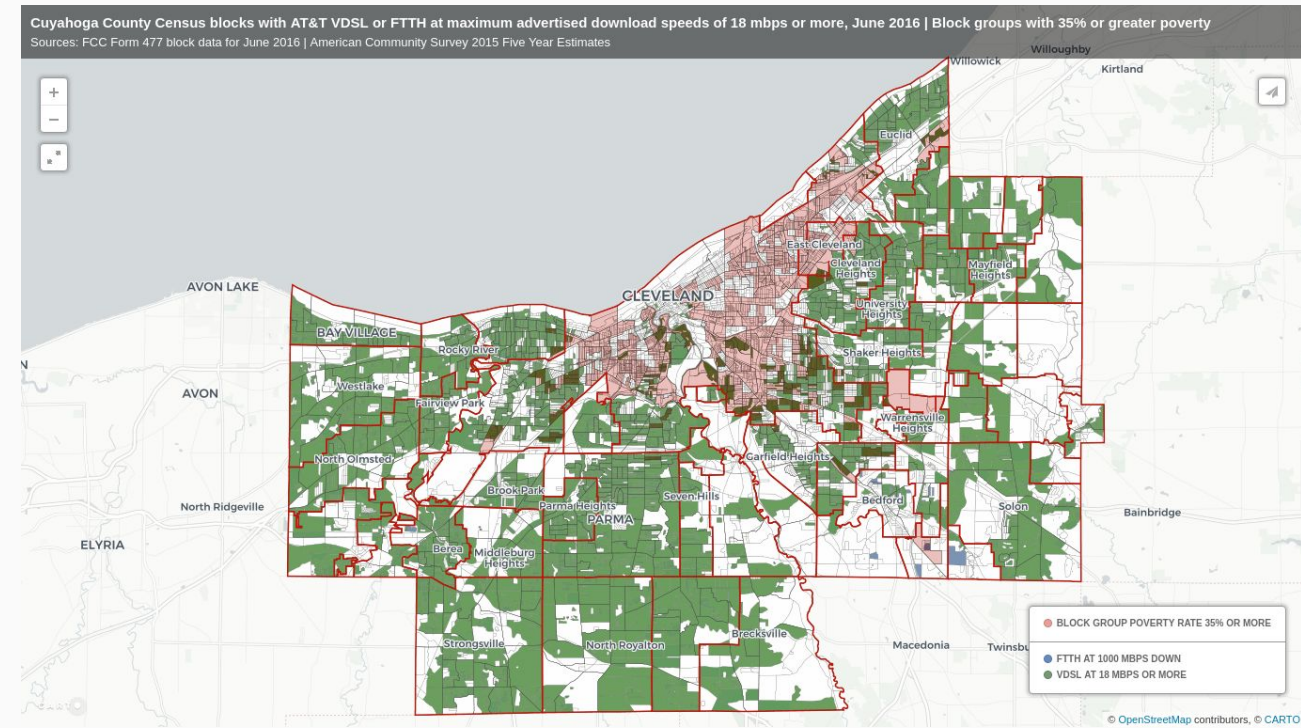


Human I-T



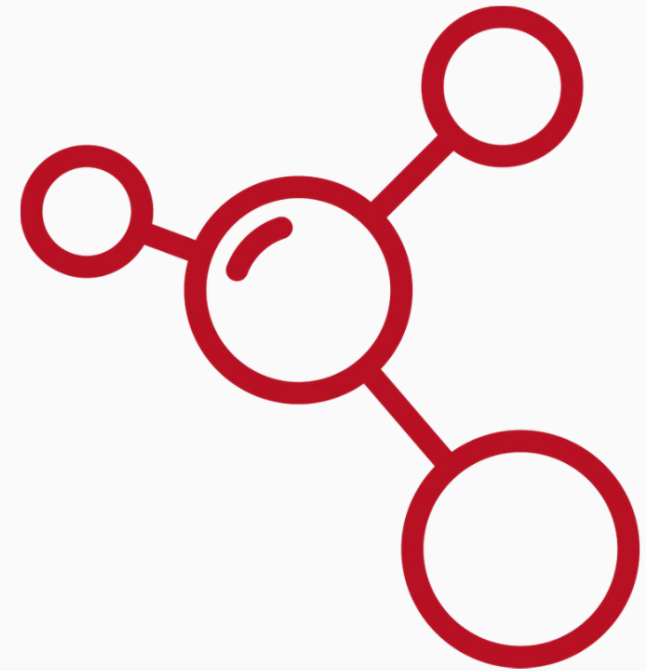
# Digital Redlining

Discrimination by internet service providers in the deployment, maintenance or upgrade of infrastructure or delivery of services.



# Digital Inclusion Ecosystem

A combination of programs and policies that meet a geographic community's unique and diverse needs. Coordinating entities work together in an ecosystem to address all aspects of the digital divide, including affordable broadband, devices, and skills.



# Digital Inclusion Ecosystem: Indicators

1. Existence of programs and policies addressing all aspects of the digital divide
2. Affordable and subsidized devices and broadband service options that meet the community's needs
3. Multilingual digital literacy and digital skill trainings that meet the community's needs

# Digital Inclusion Ecosystem: Indicators

4. Hardware and software technical support
5. Digital navigation services to guide residents to the above services
6. Collaboration: Entities providing local digital inclusion services, policymakers, advocates, social service providers and community leaders co-create solutions in partnership with the community

# Digital Inclusion Coalitions

- Collective of organizations
- Formed to support coordination and collaboration
- Operate in the public realm with certain degree of transparency
- Function within a structure of inclusive leadership and participation

# Library Examples of Digital Inclusion Programming

- Salt Lake City Public Library
  - Digital Navigators
  - Utah Communities Connect
- Columbus Metropolitan Library
  - Digital Navigators & ECF
  - Franklin County Digital Equity Coalition

# What is “Broadband?”

## INTERNET SPEED RECOMMENDATIONS

Activity	Usage required	Our recommended speed
Email	1Mbps	1Mbps
Web browsing	3-5Mbps	5-10Mbps
Social media	3-5Mbps	10Mbps
Video calls	3-5Mbps	10-20Mbps
HD streaming	5-10Mbps	10-20Mbps
Online gaming	3-6Mbps	25-35Mbps
4K streaming	25Mbps	35Mbps

\*\*per device\*\*

Source: Internet speed: How much do you really need?  
<https://www.cnet.com/home/internet/how-much-internet-speed-do-you-really-need/>

- Broadband is the transmission of wide bandwidth data over a high speed internet connection.
- How fast does data travel to and from your device?
- Download/Upload
- Megabits per second (mbps)
- Defined by the Federal Communications Commission
  - 2011: 4/1 mbps
  - 2015: 25/3

# Broadband Infrastructure at Home: Wired & Wireless

## WIRED

**“Fixed Line” - a physical line to the point of service**

- DSL
- Cable
- Fiber

## WIRELESS

**Wireless service relies heavily on wired infrastructure**

- Fixed (sometimes “Fixed Wireless”)
- Mobile
- Satellite



# The Solution



Affordable Broadband



Affordable Devices

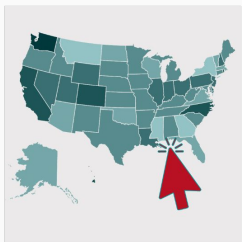


Digital Literacy Trainings

# NDIA Tools

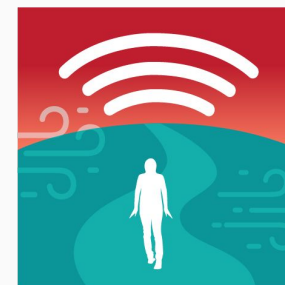
**DIGITAL INCLUSION  
START-UP MANUAL**  
NATIONAL DIGITAL INCLUSION ALLIANCE

**Free & Low-Cost  
Internet** 

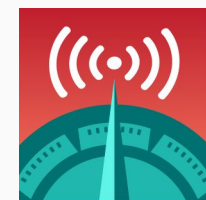


**State Digital Equity  
SCORECARD**  
National Digital Inclusion Alliance

**DIGITAL INCLUSION  
COALITION GUIDEBOOK**  
NATIONAL DIGITAL INCLUSION ALLIANCE



**Digital  
Inclusion**  
TRAILBLAZERS



**Digital  
Navigator**

CONNECTING FOR GOOD

The background features a teal color scheme with several faint, semi-transparent icons. On the right side, there is a Wi-Fi symbol consisting of three curved lines above a hand holding a globe. On the left side, there is a large, faint letter 'N'. In the center, there is a large, faint letter 'D'. On the right side, there is a large, faint letter 'A'.

# Policy & Opportunities

# Infrastructure Act

## Infrastructure Investment and Jobs Act: \$65 Billion

- Digital Equity Act (DEA) -\$2.75B
- Broadband Equity, Access & Deployment Program (BEAD) -\$42.45B
- Affordable Connectivity Program-\$14.2B
- Digital Discrimination section

# DEA Timeline

- NOFO
- Application
- Planning Grants \$
- Develop State Digital Equity plans
- Capacity Grants \$
- Competitive Grants \$

# Affordable Connectivity Program Updates

- Benefit Changes:
  - \$50 → \$30 for non-tribal households
  - Can be applied to any plan
- Eligibility Changes:
  - 135% → 200% federal poverty threshold
  - Added: Special Supplemental Nutrition Program for Women, Infants, and Children (WIC)
- FCC Requests Comment on ACP Outreach Grant Program – Comments due March 16.



# Resources & How to Stay Connected

# Join Us



**FRIEND**



**AFFILIATE**



**SUBSCRIBER**

Join NDIA at [digitalinclusion.org/join](https://digitalinclusion.org/join)



# Join Us

- Community Calls, every 3rd Friday of the month
- Active Listserv for Affiliates & Friends

**Join NDIA events: [digitalinclusion.org/events](https://digitalinclusion.org/events)**

**COMING IN SPRING 2023**

# **Net Inclusion**

## **SAN ANTONIO**





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THANK YOU!