



# NC Broadband Update

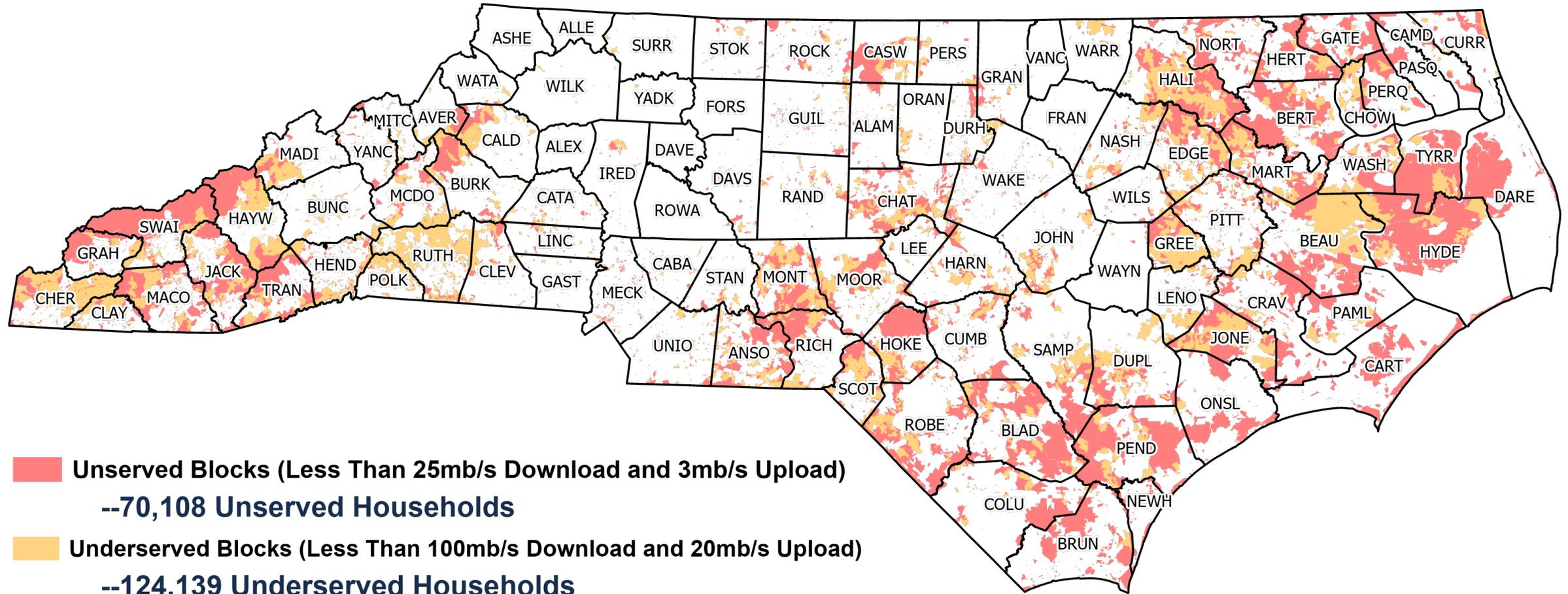
**Angie Bailey**  
Director, Broadband Infrastructure Office

Dec. 10, 2025

# How We Got Here

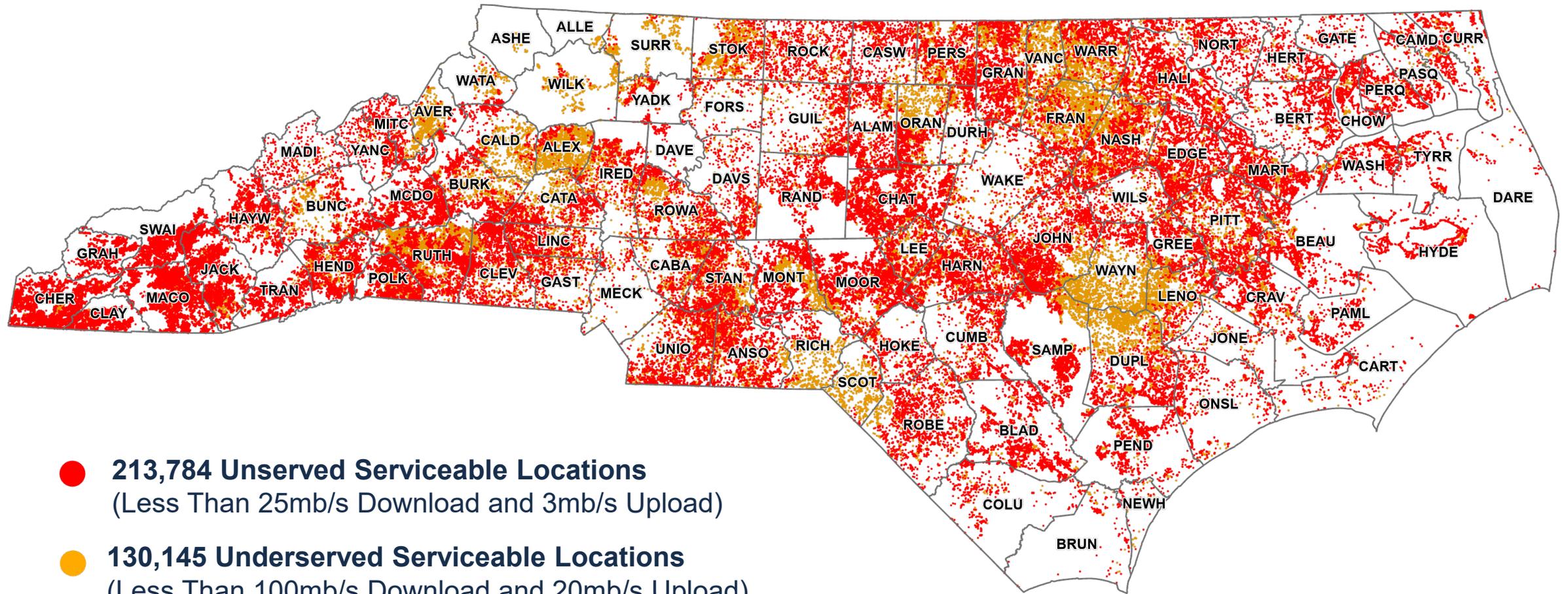
# Identification of Unserved Locations

Census Block Level Reporting – December 2021



# Remaining Unserved Locations

FCC Broadband Data Collection – June 2024





# **NCDIT Broadband Infrastructure Programs**



**\$936M**

American Rescue  
Plan Act

**Contracted \$670M  
to connect 252,808  
locations by  
Dec. 31, 2026**

*S.L. 2025-89, modified in  
August, allows NCDIT flexibility  
to transfer funding between the  
five infrastructure programs*

**GREAT Grant**

**Awarded \$340M of \$350M total**  
136,854 homes and businesses

**Completing Access to Broadband**

**Awarded \$329M of \$400M total**  
115,954 homes and businesses

**Broadband Pole Replacement**

**Awarded \$1.02M of \$100M total**  
S.L. 2025-89 modified in August so we can  
spend remainder of funds; Moved up to \$50M  
to Broadband Recovery Program; Updated  
guidance coming soon

**Broadband Recovery**

Using up to \$50M of Broadband Pole  
Replacement funds for Hurricane Helene  
recovery; Applications were due Nov. 24

**Stop-Gap Solutions**

Planning to launch \$86M program soon for  
~21,500 locations; Reviewing UST rules on  
Dec. 31, 2026, expenditure deadline so  
providers have longer to build projects

**\$1.53B**

Broadband Equity,  
Access, and Deployment

Proposed \$408M/\$1.5B to connect remaining unserved and underserved homes  
and businesses across state to broadband by 2030 with diverse mix of technology  
Awaiting National Telecommunications and Information Administration approval on  
proposed awards and remaining ~\$1B for non-deployment needs to strengthen our  
broadband deployment

# Program Deployment Timeline

2018      2021      2022      2023      2025      2026      2027      2028      2029      2030

GREAT (State)  
\$50M; 31,000 Locations

GREAT (Federal)  
\$345M/\$350M; 140,000 Locations

CAB (Federal)  
\$331M/\$400M; 115,000 Locations

Digital Opportunity (Federal)  
\$48.5M/\$50M ; 75+ projects serving all 100 counties

BEAD (Federal)  
\$1.53B; Planning process started in 2023; Awards will be made in 2025

Hurricane Helene  
(Federal) \$50M

Pole Replacement (Federal)  
\$1.M/\$50M

Stop-Gap (Federal)  
\$86M

# **Stop-Gap Solutions Program**

# Stop-Gap Solutions Program

- Stop-Gap Solutions program to provide grants for the provision and installation of infrastructure that will expand broadband service to unserved and underserved households, businesses, State facilities, and community anchor institutions in the state.
- NCDIT shall ensure that grant funds are awarded and utilized in compliance with applicable federal guidelines. No more than five percent (5%) of the funds may be granted for broadband projects located in any single county.
- Program has \$86 million of federal American Rescue Plan Act funds

# **BEAD Program**

Broadband Equity, Access, and Deployment

# Recommended BEAD Awards from \$1.5B Allocation\*

Recommended BEAD Recipients, North Carolina	Amount	Technology	% Funding	BSLs	% of BSLs
Bellsouth Telecommunication, LLC (AT&T)	\$142,476,363	Fiber	34.88%	14,454	15.46%
Connect Holding, LLC (Brightspeed)	\$90,599,049	Fiber	22.18%	13,744	14.70%
Spectrum Southeast, LLC (Charter Communications)	\$71,467,709	Fiber	17.50%	23,523	25.16%
Frontier Communications of the Carolinas, LLC	\$44,179,778	Fiber	10.82%	3,775	4.04%
Amazon Kuiper Commercial Services, LLC	\$15,885,600	LEO	3.89%	26,476	28.31%
Comporium, Inc.	\$8,738,155	Fiber	2.14%	953	1.02%
Wilkes Telephone Membership Corp (RiverStreet Networks)	\$7,929,438	Fiber	1.94%	614	0.66%
Cherokee Cablevision	\$6,902,283	Fiber	1.69%	1,008	1.08%
Zito West Holding, LLC (Zito Media)	\$3,253,348	Fiber	0.80%	2,427	2.60%
Yadkin Valley TMC (Zirrus)	\$3,066,643	Fiber	0.75%	559	0.60%
Space Exploration Technologies Corp. - Starlink	\$2,460,000	LEO	0.60%	1,640	1.75%
HarvestBeam Inc.	\$2,371,418	FWA	0.58%	1,339	1.43%
Windstream North Carolina, LLC	\$2,281,480	Fiber	0.56%	943	1.01%
ATMC (FOCUS Broadband)	\$2,072,900	Fiber	0.51%	86	0.09%
CND Acquisition Corp (Peachtree Broadband Fiber)	\$1,481,098	Fiber	0.36%	593	0.63%
Foothills Broadband, LLC	\$878,722	Fiber	0.22%	188	0.20%
Open Fiber (Ripple)	\$597,177	Fiber	0.15%	245	0.26%
Roanoke Connect (Fybe)	\$361,400	Fiber	0.09%	738	0.79%
ERC Broadband (RiverWave)	\$57,457	Fiber	0.01%	7	0.01%
LREMC Technologies (RIVR Tech)	\$351,075	Fiber	0.09%	61	0.07%
InfinityLink Communications, Inc.	\$1,100,081	Fiber	0.27%	139	0.15%
	<b>\$408,453,717</b>		100.00%	93,512	100.00%

*\*to connect remaining un/underserved home and businesses by 2030 with diverse mix of technology*

# Recommended Awards Technology Types

Technology Type	% of Total BEAD Investment	% of Locations Covered
Coaxial Cable/HFC	1.11%	0.62%
Optical Carrier/Fiber to the Premises	93.82%	67.75%
Low Earth Orbit Satellite	4.49%	30.19%
Unlicensed Terrestrial Fixed Wireless	0.14%	0.44%
Licensed Terrestrial Fixed Wireless	0.44%	1.00%



# Remaining NC BEAD Funds

**NTIA allocated \$1.5 billion to North Carolina** in federal funds to expand broadband under the BEAD Program  
(separate from American Rescue Plan Act funds)

**We are requesting NTIA to approve remaining ~\$1B in BEAD funds to be used for non-deployment needs to strengthen our broadband deployment:**

- online safety and cybersecurity to protect our networks and reduce scams
- workforce development and AI training
- infrastructure resiliency to improve middle mile infrastructure
- rural cellular service
- telehealth access and skills building to increase health outcomes

# Orange County

# Orange County Statistics

## Percent Served with Reliable Broadband\*:

**94.93%**      **44,696 Total Locations**

*(includes state, federal or local funded projects that have locations built and reported as served)*

## Locations funded through State, Federal or Local programs\*:

**14.41%**      **6,785 Total Locations**

## Percent recommended for award under BEAD Program\*:

**2.16%**      **1,017 Total Locations (0.94% LEO, 443 Locations)**

## Percent remaining unserved/underserved/unfunded\*:

**1.45%**      **681 Total Locations (eligible for Stop-Gap Program)**

*\*Based on FCC BDC v7 published Dec 2025.*

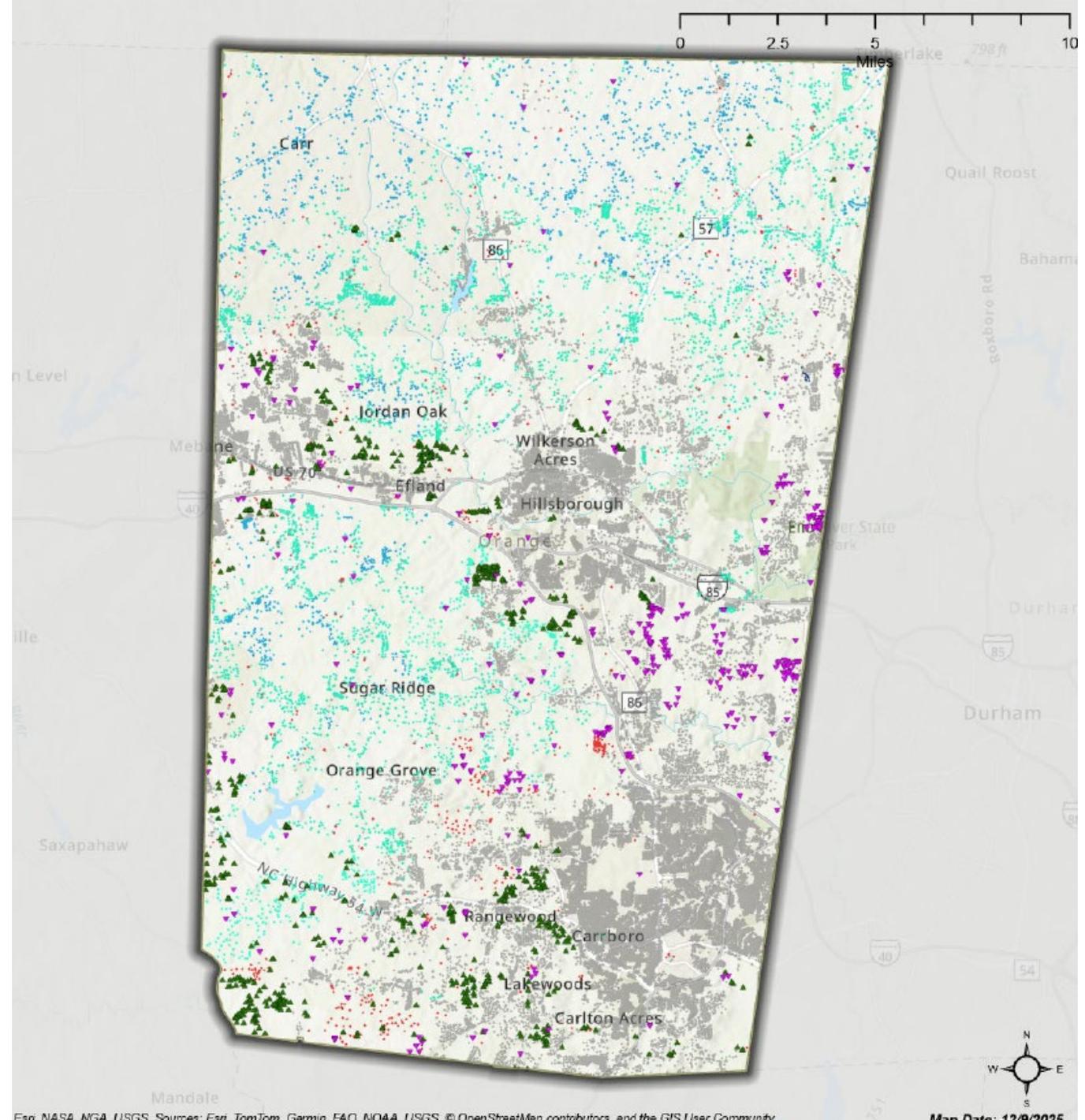
*\*\*Funded locations may be served, unserved or underserved depending on status of project construction and reporting.*

# Orange County Broadband Profile

- **Unfunded Unserved & Underserved Locations**
- **Served Locations**
- **Federal Funded Locations**
- **Local Award Locations**
- **State Funded Locations - GREAT & CAB**
- ▲ **Provisional BEAD Awards**
- ▼ **Provisional BEAD Awards - Satellite**

Unserved and Underserved Locations from the FCC Broadband Data Collection are shown on this map with funded locations overlaid. Some funded locations may still be unserved or underserved depending on project status and funding timelines. Served locations are defined as having access to fixed terrestrial service—via fiber, cable, or licensed fixed wireless (non-mobile)—providing at least 100 Mbps download and 20 Mbps upload speeds.

All BEAD Awards on this map are tentative pending final approval by the National Telecommunications and Information Administration (NTIA) and are not included in the funded location figures below.



# Stop-Gap Eligible Locations



**NCDIT** NORTH CAROLINA  
DEPARTMENT OF  
INFORMATION  
TECHNOLOGY  
**Broadband Infrastructure Office**

## NC Stop-Gap Planning

Eligible Locations: 21,511

Eligible CAI: 469

[Stop-Gap Program Page](#)

[Download Eligible Locations](#)

[Download Eligible CAIs](#)

These are preliminary  
locations and subject to  
change

County

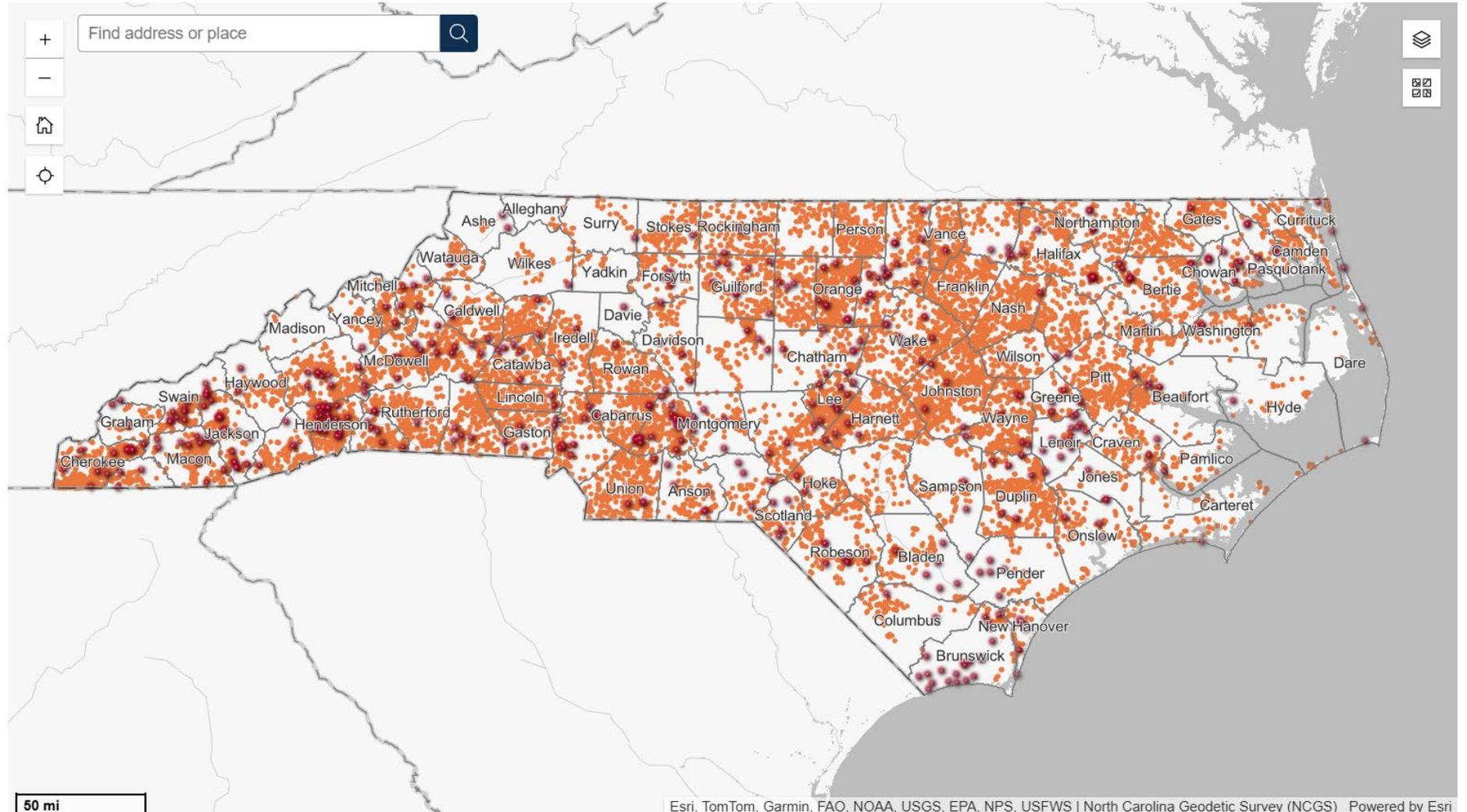
- All -

### Stopgap Eligible CAI

Stopgap Eligible CAI



### Preliminary Eligible Locations



# Resources

# Constituent Services



- Our team is dedicated to helping resolve constituent inquiries about internet service and offerings across the state; Email us at [broadband@nc.gov](mailto:broadband@nc.gov)

**NCDIT** NORTH CAROLINA DEPARTMENT OF INFORMATION TECHNOLOGY  
**Broadband Infrastructure Office**

### NC Broadband Status

**Read Me**

This application is meant to allow North Carolina citizens to search their home or business to see if it is part of an active broadband grant program.

To begin, type your address into the search bar on the top left of the map. Select a point bring up a popup with the broadband project information.

For more information about Broadband in North Carolina check the NC OneMap

**Unserviced/Underserved Filter** +

**Near Me** +

The map displays broadband service coverage across North Carolina, with green areas indicating service availability and white dots representing individual service points. Major cities like Charlotte, Raleigh, and Durham are visible, along with geographical features like the Daniel Boone National Forest and Pamlico Sound.

# Broadband Awards Dashboard

## NC Broadband Award Dashboard

### NC Broadband Awards Dashboard

Infrastructure Awards

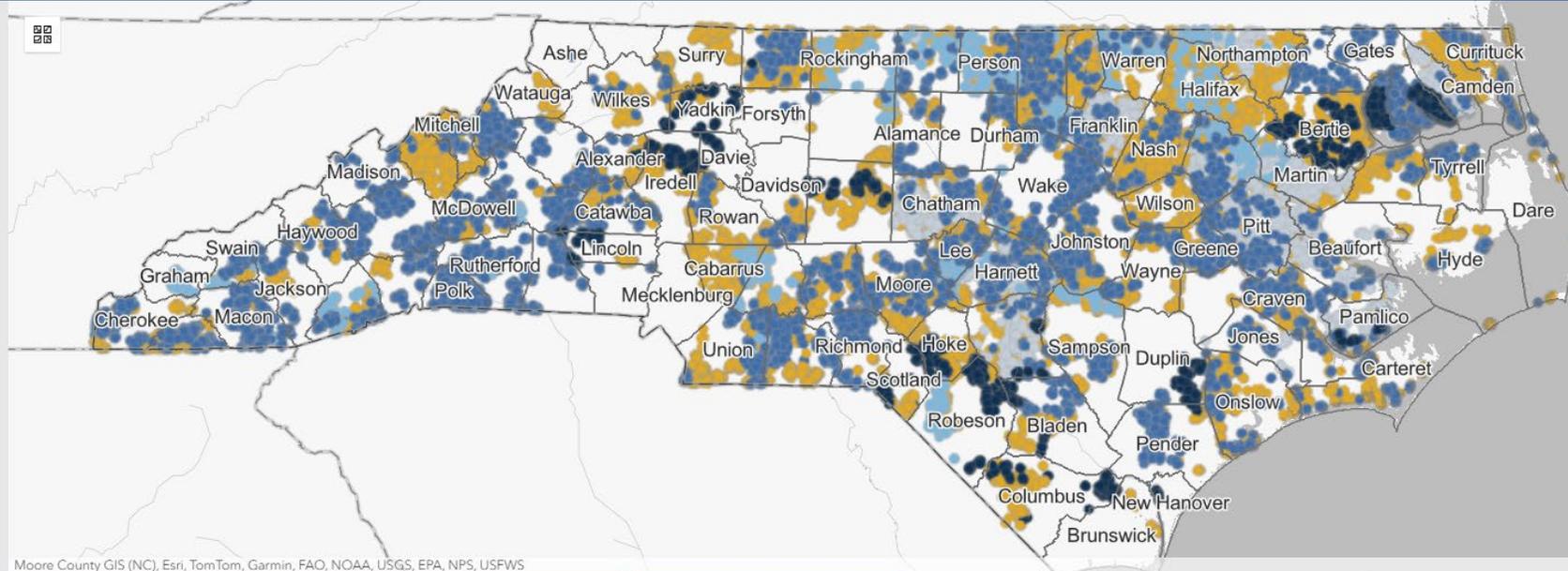
Awards by Program

County  
- All -

Program  
- All -

Awardee  
- All -

Project Status  
- All -



Moore County GIS (NC), Esri, TomTom, Garmin, FAO, NOAA, USGS, EPA, NPS, USFWS

Powered by Esri

#### NC Broadband Projects

##### Project Status

- Contracted - CAB Round 2
- Contracted
- Design Phase
- Construction Phase
- Complete Pending Verification

#### Individual Award Details

Download Award Summaries



##### Growing Rural Economies with Access to Technology (GREAT) - RiverStreet Networks

County: Stokes  
Contract ID: 2000066298  
Project Status: Construction Phase

##### Growing Rural Economies with Access to Technology (GREAT) - Brightspeed

County: Ashe  
Contract ID: 2000066340  
Project Status: Construction Phase

**NCDIT Award**  
**\$670,830,155**

**Awardee Match**  
**\$285,793,267**

**Total Awards - 320**

**Households - 238,932**

**Businesses - 13,876**

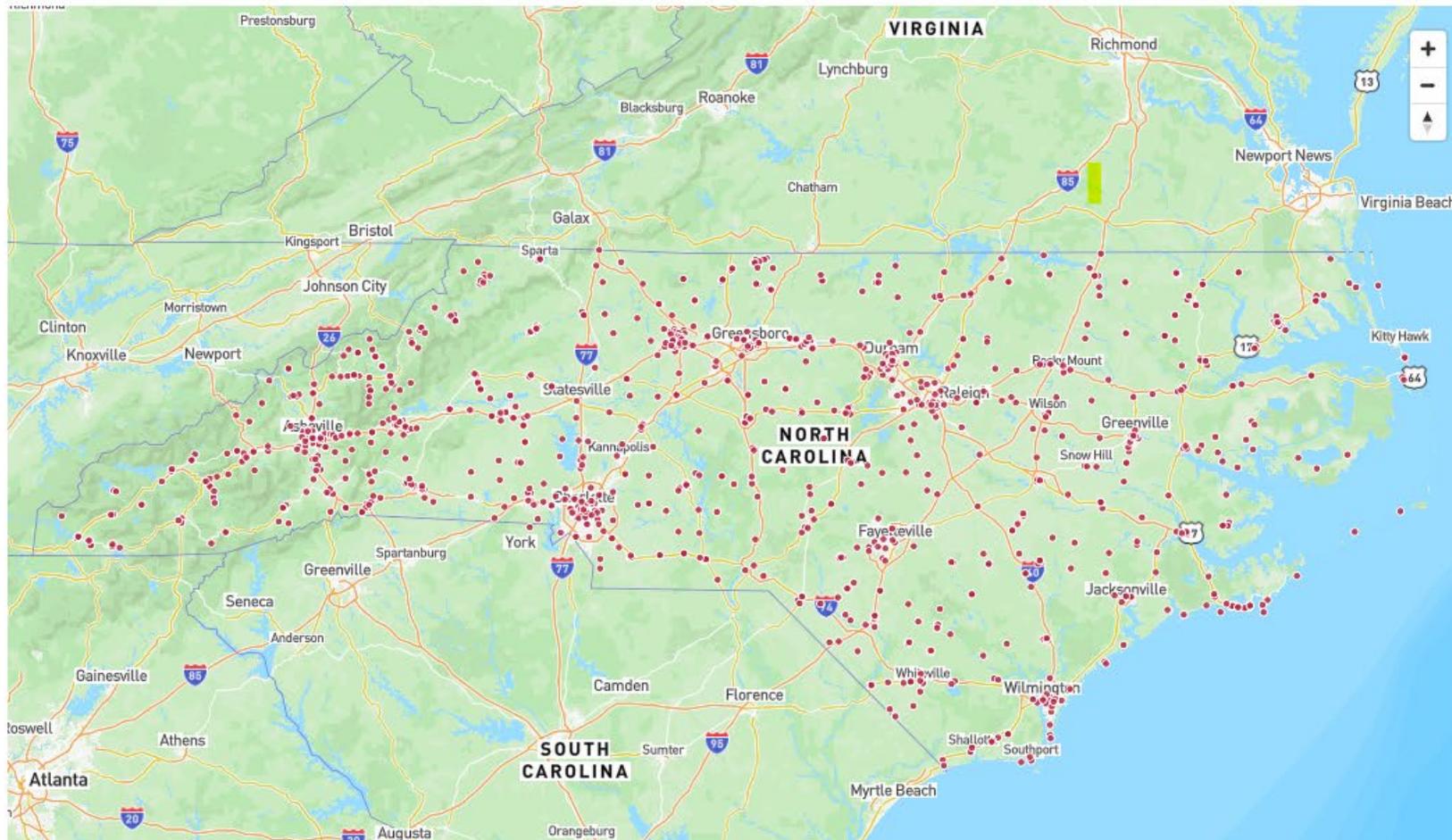
# Tech Resource Finder

[ncbroadband.gov/resource-finder](http://ncbroadband.gov/resource-finder)

Find Digital Skills Help and Classes

Get a computer or device

Find a public computer or Wi-Fi



Map View

Table View

Showing 1323 results for **North Carolina**

**Catawba County Library: Library To Go**

[115 W C St, Newton, NC 28658](#)

Find Digital Skills Help and Classes, Find a public computer or Wi-Fi

[www.catawbacountync.gov/library](http://www.catawbacountync.gov/library)

Learn More

**79 West**

[120 Mosaic Blvd, Pittsboro, NC 27312](#)

Find Digital Skills Help and Classes

<https://www.79westhub.com/>

Learn More



## Partnership with NC 211/United Way of NC

- United Way's NC 211 service connects callers to verified sources for basic needs, such as housing and utility assistance, food, healthcare and transportation
- Now offers digital skills assessments, help setting up an email address, locations of libraries that offer free Wi-Fi or a computer lab and sites for upcoming computer skills classes
- Service is available in most languages and is open 24 hours a day, seven days a week, 365 days a year
- NC 211 database shows all assets from the Tech Resource Finder, so specialists can refer callers to resources in their community

**Questions?**

**NCDIT**



NORTH CAROLINA  
DEPARTMENT OF  
INFORMATION  
TECHNOLOGY