

NCDIT Technology Strategy Board

Friday, March 17, 2023 | 9:00am–12:00pm



Agenda

Call to Order

Remarks from the Secretary

Privacy Update

Broadband Update

Committee Reports

Digital Transformation Committee

Cyber Security Committee

DIT Budget Update

Discussion on Committee Priorities

Other Business

Adjournment

Remarks from the Secretary

Secretary Jim Weaver, Board Chair

Office of Privacy and Data Protection Update for the Information Technology Strategy Board

Cherie Givens, Chief Privacy Officer
March 17, 2023



NCDIT | NORTH CAROLINA
DEPARTMENT OF
INFORMATION
TECHNOLOGY

Privacy Gap Assessment

- **POLICY (Creation/Integration)** – Privacy integration into existing policies (HR in process, security, data management)
- **ASSESSMENTS** – Privacy and security assessments embedded across all lines of business and agencies and staff to review for privacy risks and mitigation guidance
 - **Revised and new PTA and PIA templates** (PTA → PIA, social media PTA, decommissioning PTA)
 - **Comprehensive assessment tool – PTA & PIA process** (secure, meets needs of agencies, provides secure environment with dashboard)
- **TRAINING** – General training rollout (February 2023)
 - Customized training and role-based privacy training (summer intern support)



Privacy Gap Assessment

- OPERATIONAL PRIVACY
 - Privacy and data protection language (process and resources for consistent review and inclusion)
 - Integration of privacy controls (technical and administrative)
- **AWARENESS** – Monthly privacy meetings and agency privacy points of contact (May 2022 – present), stakeholder meetings, Data Privacy Week, speaking engagements
- **STRATEGY** – Adoption of a data strategy (incorporate Fair Information Practice Principles, ethics, AI)
 - [OMB Circ. A-130](#) and the [Federal Data Strategy](#) (models)
 - [Information Governance](#) for closer alignment – information management, business units, IT, privacy, security, legal, risk/compliance –risk assessment and situational awareness



Privacy Gap Assessment

- **INCIDENT RESPONSE** – Integration into the process for IR for privacy events ([OMB M-17-12](#) model)
- **FIPPs ADOPTION** – [Fair Information Practice Principles adopted](#), May 2022
 - Transparency and notice - notice at intake, system notices (future)
- **DATA INVENTORY** – As per CIO requirement - G.S. § 143B-1376 (b)



Privacy Training

- Implemented privacy training for employees and contractors
 - First modules February 2023

Release Month	Lesson Topic	Lesson Description
February	Data Privacy Basics, Personally Identifiable Information (PII) and How to Protect It	The training explains how data privacy impacts everyone. The video covers the basics of what data privacy is, why it is important to protect it, and how it differs from security. Personally identifiable information (PII) is explored as well as the need to protect it, and the laws and obligations that relate to the access, use, maintenance, and destruction of PII.
April	Keeping Personal Information Private, Privacy and Security: A Complementary Relationship	These two short training modules explain the value of personal information and how we can help prevent identify theft. These modules contain information that can be incorporated into our work and private lives.
June	Fair Information Privacy Practices (FIPPs)	In these three short modules we look at three Fair Information Practice Principles: Transparency, Purpose Specification, Data minimization, and Accountability.



Privacy Training

August	Privacy and Third-Party Partners, Data Accuracy, Data Quality	What duty do we have to report breaches? How do we ensure privacy and data quality. These short sessions show us actors learning on the job how handle data responsibly and prioritize privacy accuracy and quality in a work environment.
October	Privacy by Design, Privacy and the Cloud	How do we incorporate privacy into the design process? What privacy issues should we be considering at the start of projects? How do we ensure privacy in the cloud. This training will help prepare employees to stop privacy issues and to bake privacy into project designs and environments.
December	Privacy and Social Media	Each of us needs to know how to keep information privacy when working in social media environments This short training looks at privacy and data protection in the social media environment.



Data Privacy Week

- NC PaCE Cybersecurity Symposium - Jan. 20
- Data Privacy Week Lunch & Learn - Jan. 23
- World Bank Data Privacy Week Presentation (shared) - Jan. 25
- UNC Center on Technology Policy - Jan. 25
- Data Privacy Week: A Deeper Dive Webinar (GC and OSHR CIO) - Jan. 26
- Privacy Office Presentation to Governor's Office - Jan. 26
- Blog - [TikTok Risks and Advice](#) (includes links for parents) - Jan. 27



Resources to Help Understand Information Privacy and North Carolina State Protections

The screenshot shows a web browser window with the URL <https://it.nc.gov/programs/privacy-data-protection/privacy-laws-policies-guidance>. The page header includes the text "An official website of the State of North Carolina" with a "How you know" dropdown menu. Below this are navigation links for "NCID Password Help", "NCDIT Service Portal", "Careers", and "Select Language". The main header features the "NCDIT" logo (North Carolina Department of Information Technology) and a navigation menu with items: "Services", "Programs", "Resources", "About", "News & Events", "Support", and "Contact". A search icon is located on the right. The main content area has a dark blue background with a digital theme, including binary code, a padlock, and the text "E MAIL SECURITY". A large white banner at the bottom of the content area reads "Privacy Laws, Policies & Guidance".



Resources to Help Understand Information Privacy and North Carolina State Protections

← ↻ 📄 https://it.nc.gov/programs/privacy-data-protection/privacy-laws-policies-guidance 🔍 🌐 ⚙️ | ☆ 📄

State & Federal Laws

State Law

- [N.C. General Statutes - Chapter 143B Article 15: Department of Information Technology](#)
- [N.C. General Statutes - Chapter 14, Article 19C, Identity Theft, 14- 113.20, Identifying Information](#)
- [N.C. General Statutes - Chapter 132: Public Records](#)
- [N.C. General Statutes - Chapter 115C Article 21A: Privacy of Employee Personnel Records](#)
- [N.C. General Statutes - Chapter 115C-401.2: Student Online Privacy Protection](#)
- [N.C. General Statutes - Chapter 115C-402: Student Records; Maintenance; Contents; Confidentiality](#)
- [N.C. General Statutes - Chapter 58 Article 39: Consumer and Customer Information Privacy \(Part 1. Insurance Information and Privacy Protection\)](#)

Employee Personnel Records

- [N.C. General Statutes - Chapter 75 Article 2A: Identity Theft Protection Act](#)
- [N.C. General Statutes - Chapter 126 Article 7](#) (state and university employees)
- [N.C. General Statutes - Chapter 153A-98](#) (county employees)
- [N.C. General Statutes - 160A-168](#) (city employees)
- [N.C. General Statutes - 131E-257.2](#) (public hospital employees)

Fair Information Practice Principles

Why Privacy Matters

Privacy Tips for Everyone

Privacy Complaints

Business Resources

Contact



Resources to Help Understand Information Privacy and North Carolina State Protections

Federal Law

- [The Privacy Act of 1974, as amended, 5 U.S.C. 552a](#) (Social Security Numbers)
- [HIPAA Basics for Providers: Privacy, Security & Breach Notification Rules](#), U.S. Centers for Medicare & Medicaid Services, Guidance, May 2021
- [Family Educational Rights and Privacy Act \(FERPA\)](#)

State Policy & Memoranda

- NCDIT, [State Adoption of Fair Information Practice Principles \(FIPPs\)](#)
- NCDIT, [Media Protection Policy](#) (Provides guidance on NIST 800-53 Security and Privacy Controls)
- NCDIT, [State Adoption of NIST Risk Management Framework](#) (Adoption of NIST SP 800-37 Rev. 2 and NIST SP 800-53 Rev. 5)
- NCDIT, [Statewide Data Classification and Handling Policy](#)
- NCDIT, [Statewide Information Security Manual](#)

Guidance

National Institute of Standards and Technology (NIST) Publications

- [NIST SP 800-37, Rev. 2 Risk Management Framework for Information Systems and Organizations: A System Life Cycle Approach for Security and Privacy](#)
- [NIST SP 800-53, Rev. 5, Security and Privacy Controls for Information Systems and Organizations](#)
- [NIST SP 800-88, Rev. 1, Guidelines for Media Sanitization](#)
- [NIST Privacy Framework](#)



Cherie Givens
Chief Privacy Officer
N.C. Department of Information Technology

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Broadband Update

Nate Denny, Deputy Secretary for
Broadband and Digital Equity

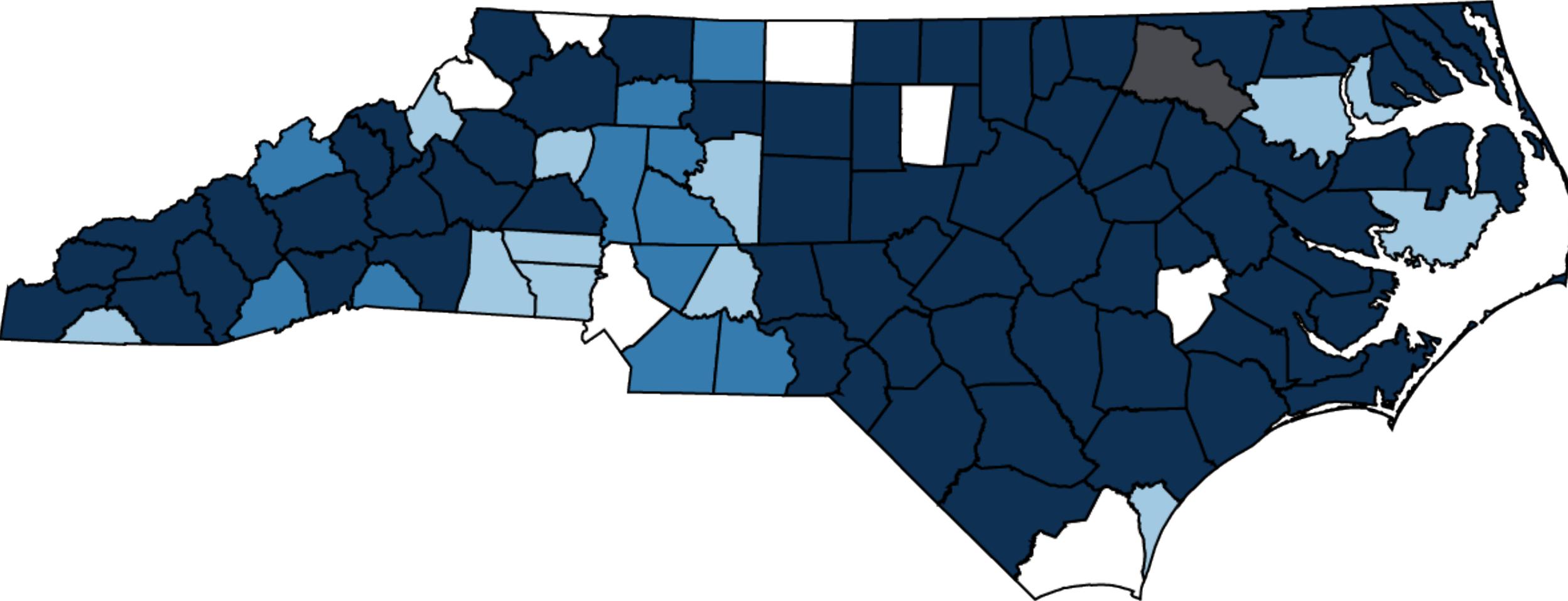
IT Strategy Board Meeting

March 17, 2023

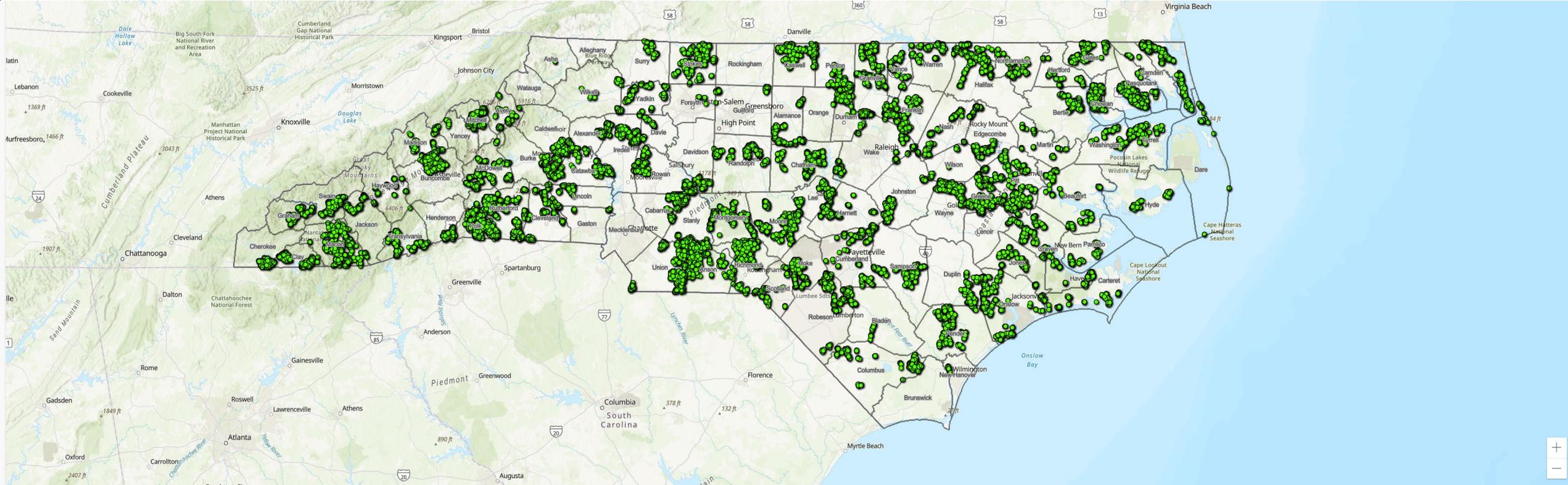
N.C. Department of Information Technology
Division of Broadband and Digital Equity



GREAT Grant Awards: \$272M Awarded in Four Rounds in 2022



GREAT Grant Contingent Award Location Map



Esri, USGS | Moore County GIS (NC), Esri, HERE, Garmin, FAO, NOAA, USGS, EPA, NPS | North Carolina Geodetic Survey, North Carolina Department of Transportation

Powered by Esri

Contingent Award Locations

Total Project Cost
\$419.8M

Average Cost Per Location
\$4.8k

Total Grant Amount
\$272.2M

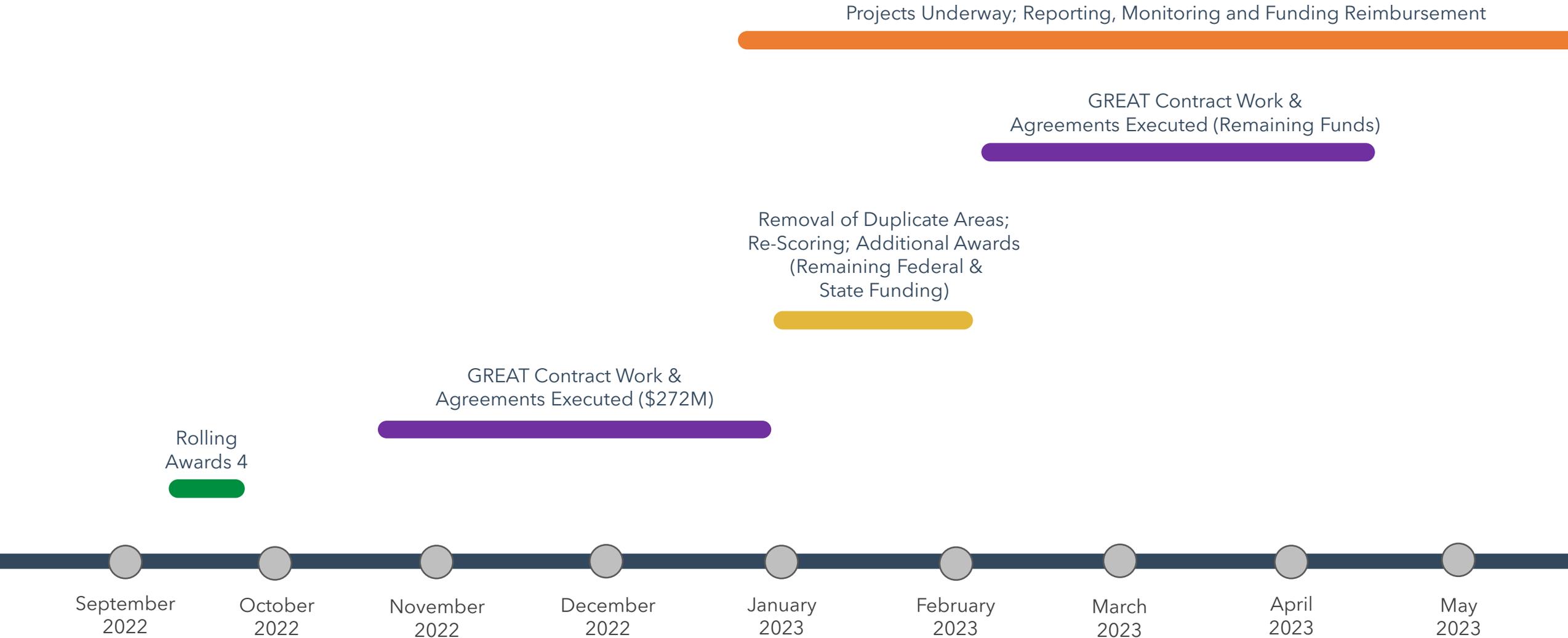
Total Match Amount
\$147.6M

Total Awarded Locations
113,613

Households Served
109,988

Businesses Served
3,626

GREAT Grant: Schedule as of October 2022



GREAT Grant Contracting Delays

U.S. Treasury's Uniform Guidance (2 CFR 200) decision

- Contractor vs. subrecipient analysis
- Program income, procurement, property disposition provisions
- November 2022 letter to U.S. Treasury, Office of Management and Budget, U.S. Commerce, White House
- Clarified guidance forthcoming

GREAT Grant Revised Schedule

Uniform Guidance issue resolution

- Procurement and program income waived; limited property requirement

Two-party GREAT grant agreements (17)

- Fifteen agreements finalized and sent to providers March 7; providers have 15 days to sign, possible extension
- Agreements signed between March 21 and April 6; two-year construction phase begins
- Two pending additional materials

Three-party GREAT grant agreements (78)

- Introduced to simplify county compliance and reporting requirements
- County partnership agreements (Exhibits J/K) due back March 21
- BIO sends grant agreements to counties and providers for concurrent signature April 4
- Agreements signed between April 19 and May 4; two-year construction phase begins

ARPA Funding Next Steps

Additional GREAT awards

- Remove awarded locations from outstanding applications and rescore; award to highest-scoring statewide
- Award \$77 million available ARPA; shifting about \$60 million in SCIF in May/June

Completing Access to Broadband program

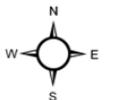
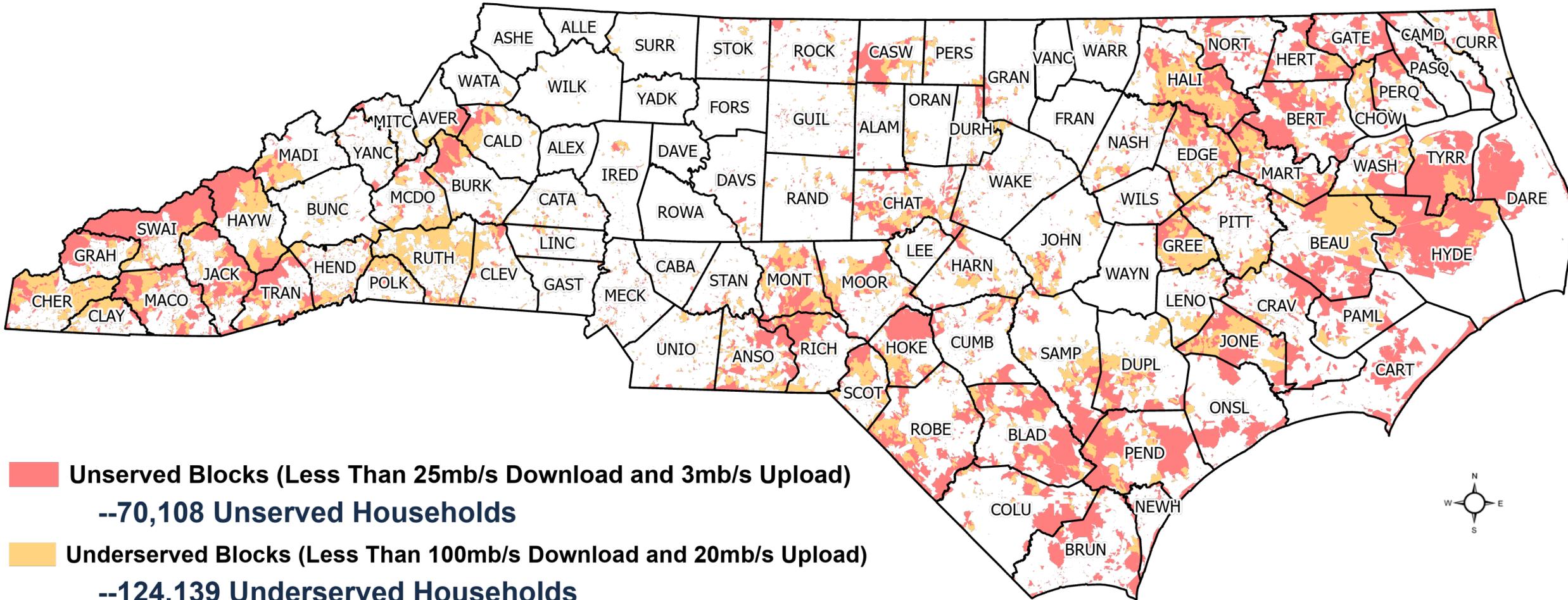
- Engaged county managers and commissioners in all 100 counties on process, mapping
- Issue RFP in April to prequalify internet providers in each county
- Define unserved/underserved scopes of work with initial counties beginning after GREAT grant awards

Broadband Pole Replacement Program

- Publish draft program guidance for public feedback in April
- Navigating U.S. Treasury final rule question about eligible use

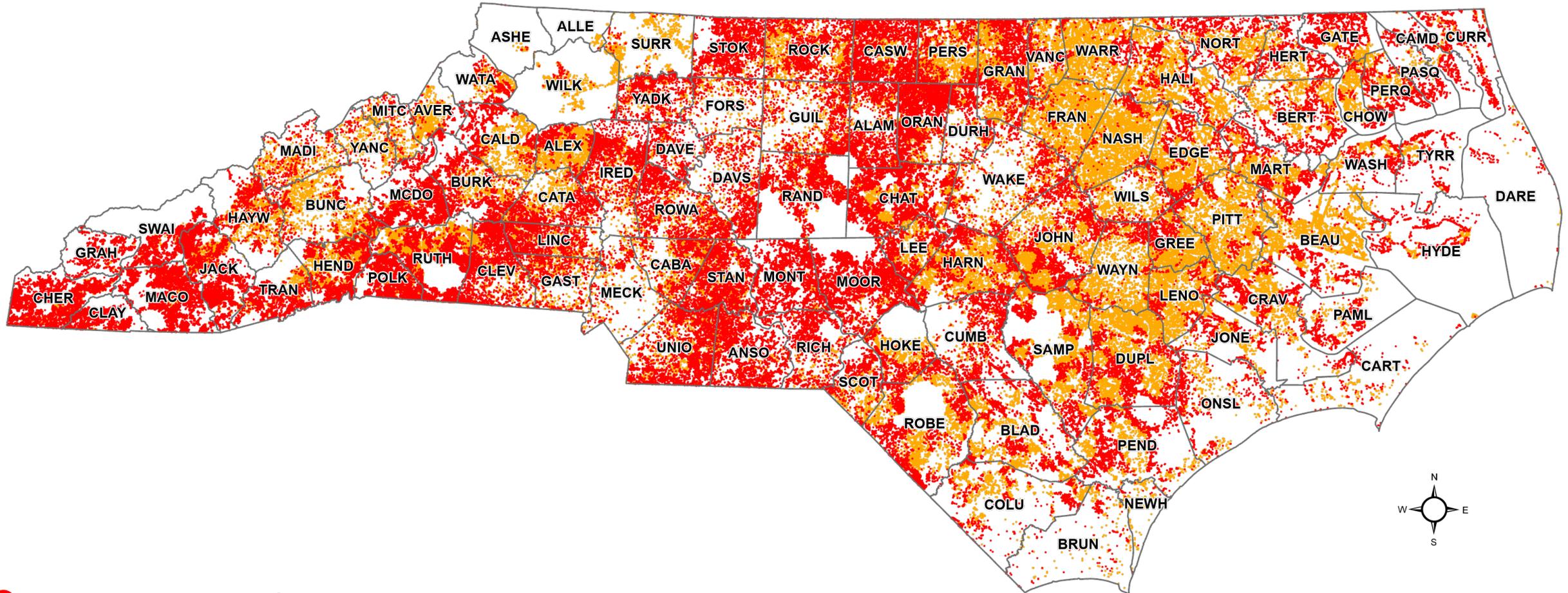
Mapping Unserved and Underserved Locations

Form 477 - Census Block Level Reporting - December 2021



Mapping Unserved and Underserved Locations

New FCC Broadband Data Collection Serviceable Location Fabric - June 2022



● Unserved Broadband Serviceable Location (Less Than 25mb/s Download and 3mb/s Upload)
--253,409 Unserved BSLs

● Underserved Broadband Serviceable Location (Less Than 100mb/s Download and 20mb/s Upload)
--266,998 Underserved BSLs

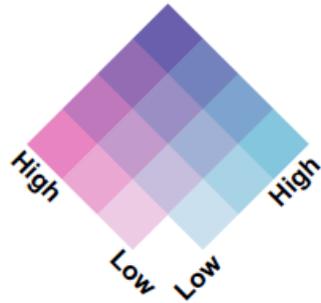
County Broadband Profile

Defining Eligible Project Areas

FCC Reported Unserved Locations

Count of Unserved

Percent Unserved

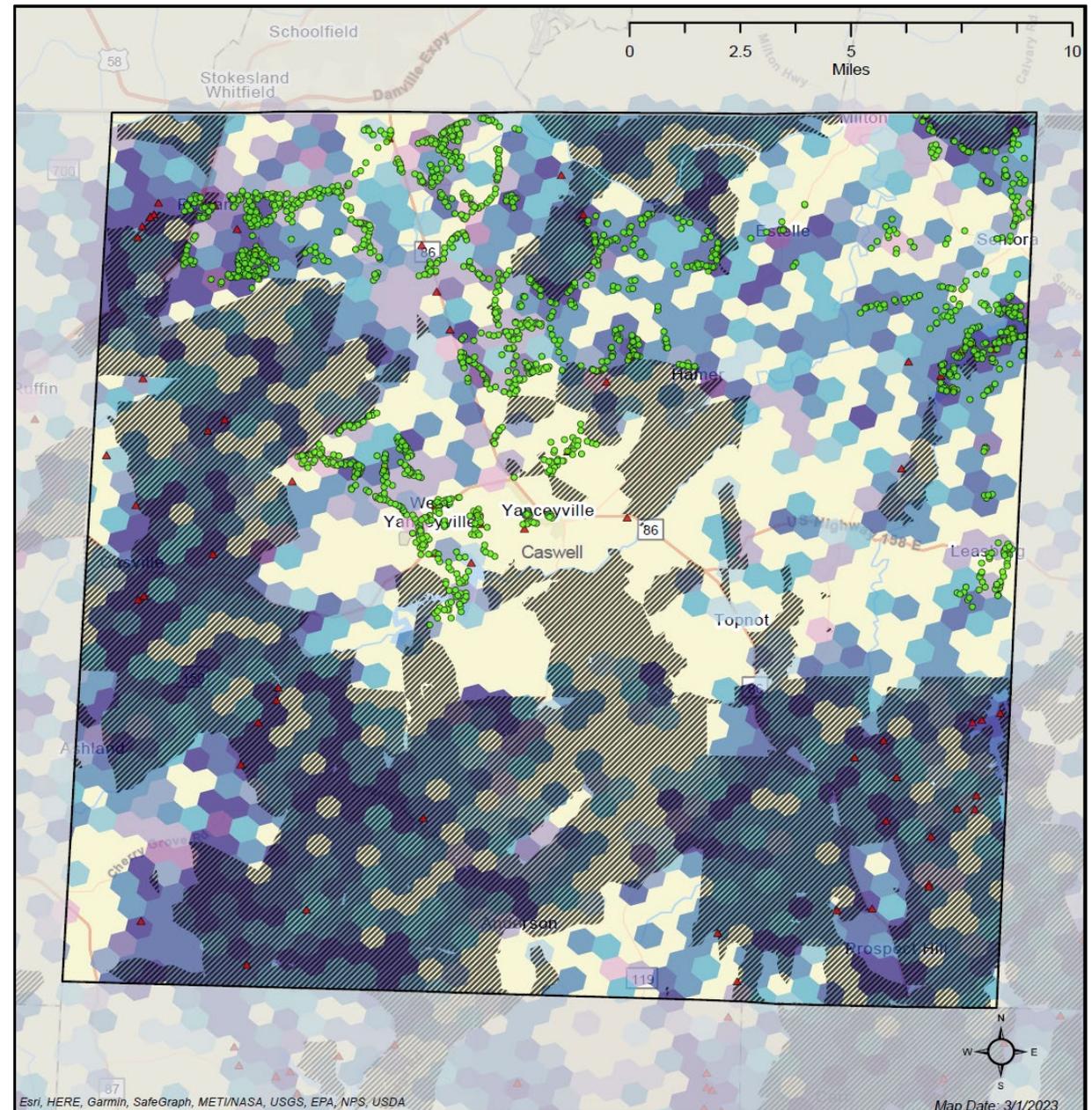


- ▲ NC Broadband Survey - Unserved Responses
- GREAT Contingent Award Locations (Federally Funded)
- GREAT Award Locations (State Funded)
- GREAT Award Areas (State Funded)
- ▨ Other Federal Grants

<https://www.nconemap.gov/pages/broadband>

County Profiles

Overviews of broadband service and funding for each county in North Carolina.



Additional Progress

- **Coronavirus Capital Projects Funds:** Approved to receive \$177.7M on Dec. 20, 2022
- **NTIA BEAD and Digital Equity Planning Funds:** Awarded \$5M and \$1.4M respectively on Nov. 21, 2022
 - Kickoff webinar held on March 7; recording available at www.ncbroadband.gov/BEAD
 - First regional convening will be held March 21 at Rural Summit
- **NTIA Enabling Middle Mile Broadband Infrastructure:** Awards soon?
- **ARPA State Digital Equity Grant:**
 - Round 1 awards (\$9.9M) to state government entities announced Jan. 18; Second round of grants will launch later this year with up to \$14M in awards
- **Affordable Connectivity Program (ACP):**
 - Enrollment is up to 694,699
 - \$500,000 FCC ACP Outreach Grant award to expand awareness and increase enrollment announced March 10
 - Education Superhighway ranks North Carolina fourth in nationwide ACP enrollment percentage

Digital Transformation Committee Update

Jo Abernathy, Chair

Tracy Futhey, presenting

Digital Transformation Committee

Ensure Roadmap Statewide

- 1) Continued engagement w/ DMV & SoS
- 2) Considerable progress extending PayIt as a state-wide and agency-wide payment solution:
 - Voter registration option
 - 4 counties adopted / in progress (Cabarrus, Guilford, Orange, Cumberland)
 - Work underway w/ PayIt to assess viability of platform for use cases (New Residents, Startup Business, etc.); contract signed to extend MyDMV work

In process: MyDMV portal move to PayIt platform, July 2023 (ETA) will allow signed in user to see status of DL, vehicles registrations plus access online DL renewal, vehicle registration renewal, driving records request. Reviewing proposed MyNC development – move Voter Registration to this platform.

Track Progress on Roadmap Elements

- 1) Digital Identity Working Group launched regular meetings
- 2) Citizen NCID: standard to be used with constituent engagement platform
- 3) Services of nc.gov being mapped by Persona (visitor, veteran, business owner...)

In progress: NCID citizen rollout in progress with completion expected by fall

Digital Transformation Roadmap

Help Make the Case for DT

- 1) Champion long session budget ask for DT
- 2) Work with partners to develop and tell DT stories from a constituent perspective
- 3) Governance: Devising potential overall decision-making process using chatbot decision as 'pilot' - options presented with pros/cons for agencies to decide, including for nc.gov.

Next up: assess use of GDAC for first level identity proofing.

Cyber Security Committee Update

Keith Werner, Chair

State Budget for NCDIT

Secretary Jim Weaver

Governor’s 2023-2025 Budget – Expansion Highlights

- Expansion requests totaling **\$100.3 million** to cover critical needs encompassing cybersecurity, privacy, broadband and digital equity and other priorities

	Recurring	Non-Recurring
FY 2023-2024	\$14,186,563	\$54,893,500
FY 2024-2025	\$14,935,565	\$16,250,000
Total	\$29,122,128	\$71,143,500

- **20** full-time employees:
 - Security Operations Center **(12)**
 - Office of Privacy and Data Protection **(5)**
 - Internal Auditor **(2)**
 - Government Data Analytics Center **(1)**

Governor’s 2023-2025 Budget – Expansion Highlights

Cybersecurity & Privacy

- Significant investment in cybersecurity and privacy (**\$11.9 million** recurring):
 - **\$2 million** for state’s security operations center; additional **12** employees
 - **\$1.6 million** to fund Office of Privacy and Data Protection and **5** employees
 - **\$8.3 million** for security and privacy tools as well as enhancements and expansions to the state’s network security functions.

	Recurring	Non-Recurring
FY 2023-2024	\$11,856,653	\$37,110,500
FY 2024-2025	\$11,856,653	-
Total	\$23,713,306	\$37,110,500
Grand Total	\$60,823,806	

Governor’s 2023-2025 Budget – Expansion Highlights

Broadband Infrastructure & Digital Equity

- **\$12.5 million** in non-recurring funds each fiscal year for targeted community-based digital literacy campaigns.
- **\$3.75 million** in non-recurring funds each fiscal year to supplement existing administrative capacity in support of high-speed internet efforts.

	Broadband Administration	Digital Literacy Campaigns
FY 2023-2024	\$12,500,000	\$3,750,000
FY 2024-2025	\$12,500,000	\$3,750,000
Total	\$25,000,000	\$7,500,000
Grand Total	\$32,500,000	

Governor's 2023-2025 Budget – Other Highlights

- Reserves an additional **\$180 million** for critical replacement IT projects
 - Enterprise Resource Planning 2.0 (composed of human capital management, budget and grants systems)
 - Timely replacement of the state's tax administration system

Discussion on Board Priorities

All Board Members

Other Business

Board Members

Next Meeting: June 16, 2023

Other 2023 Meeting Dates

- September 15, 2023
- December 15, 2023

Thank you all for your time this morning—have a great weekend!