

North Carolina Statewide Multimodal Freight Plan Update

Freight Advisory Committee

April 19, 2022



Agenda

- Approach Overview
- Freight Network Designation
- Commodity Flow Overview
- Freight Modal Profiles
 - Highway & Trucking
 - Truck Parking
 - Rail
 - Air
 - Waterways
 - Pipeline
 - Hazardous Materials
 - Military
- Next Steps
- Discussion

Meeting Polling

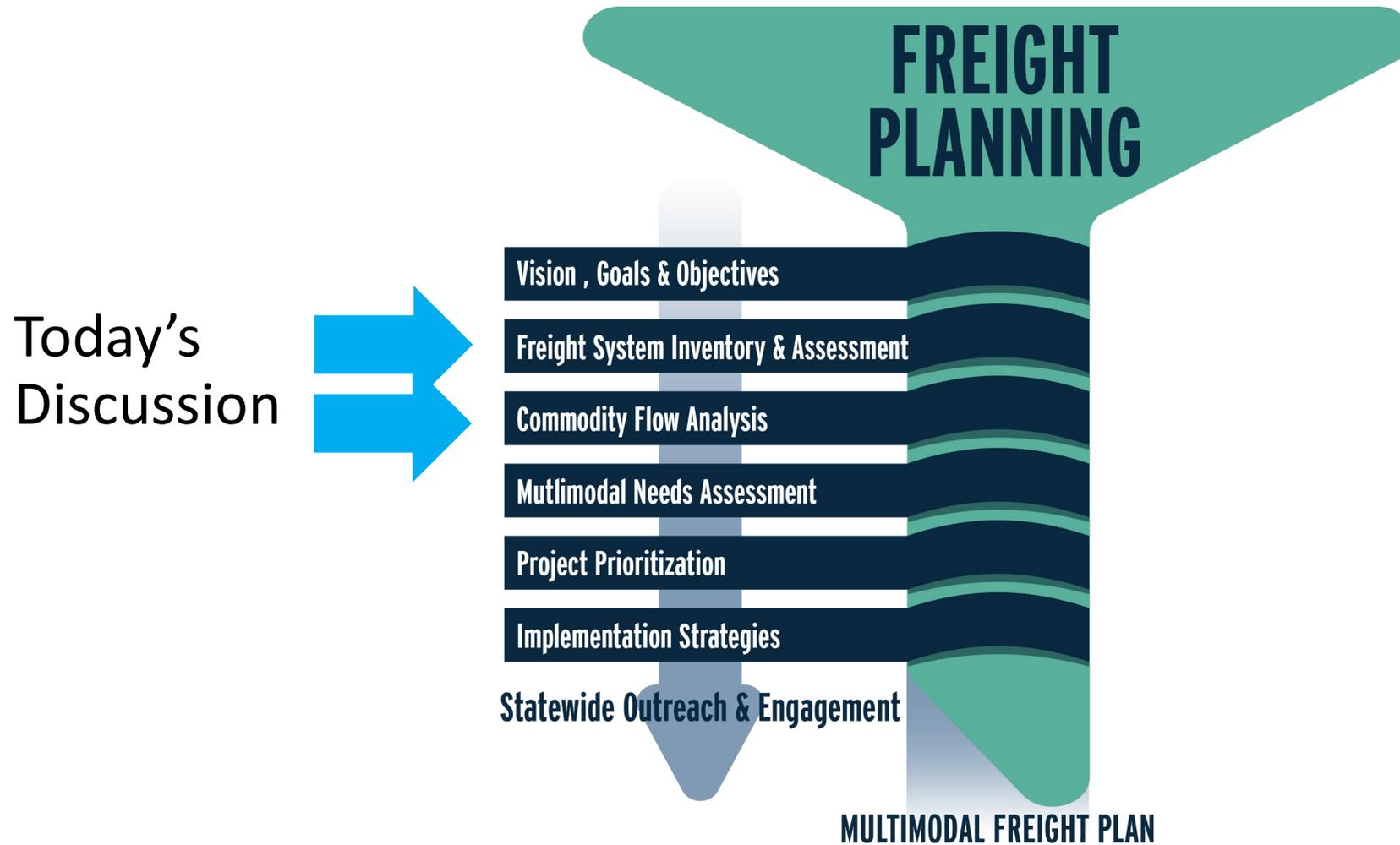
publicinput.com/FAC22

OR

Text **FAC22** to
984-205-6615



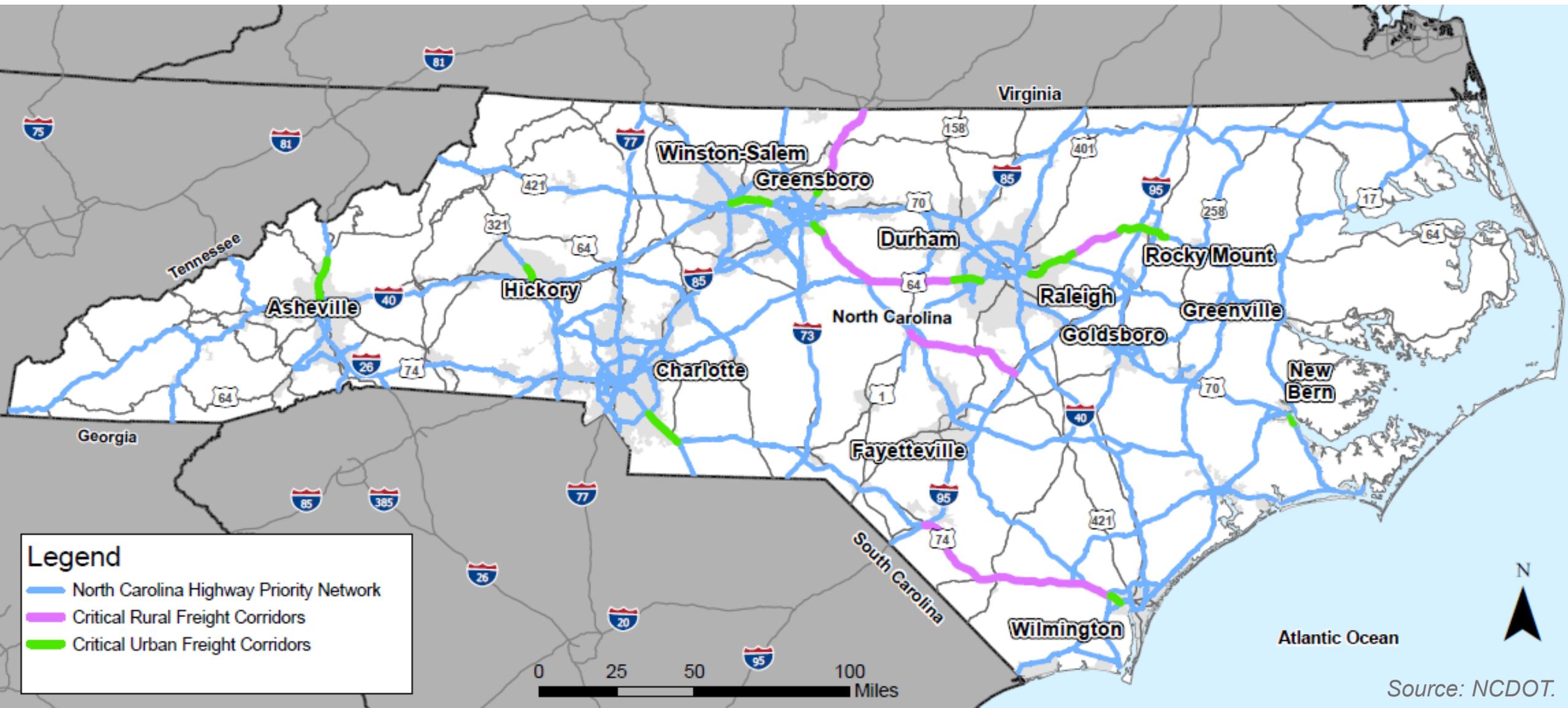
Approach Overview





NC Freight Network Designation

2017 NC Highway Freight Network



Legend

- North Carolina Highway Priority Network
- Critical Rural Freight Corridors
- Critical Urban Freight Corridors

Survey Question

1. Are there any additions you would make to the North Carolina Highway Freight Network?

Website: [Publicinput.com/FAC22](https://publicinput.com/FAC22)

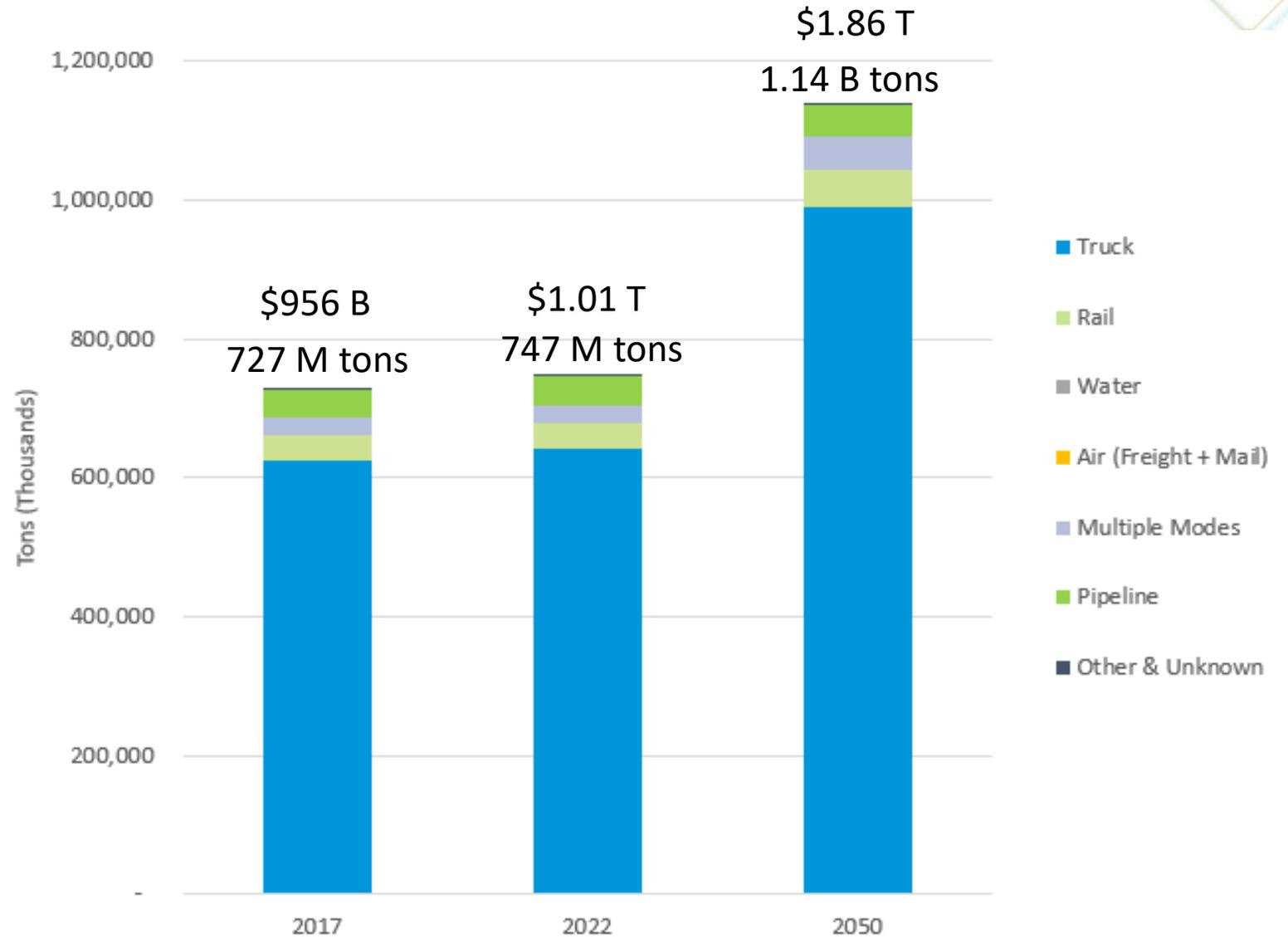
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North Carolina Commodity Flow Overview

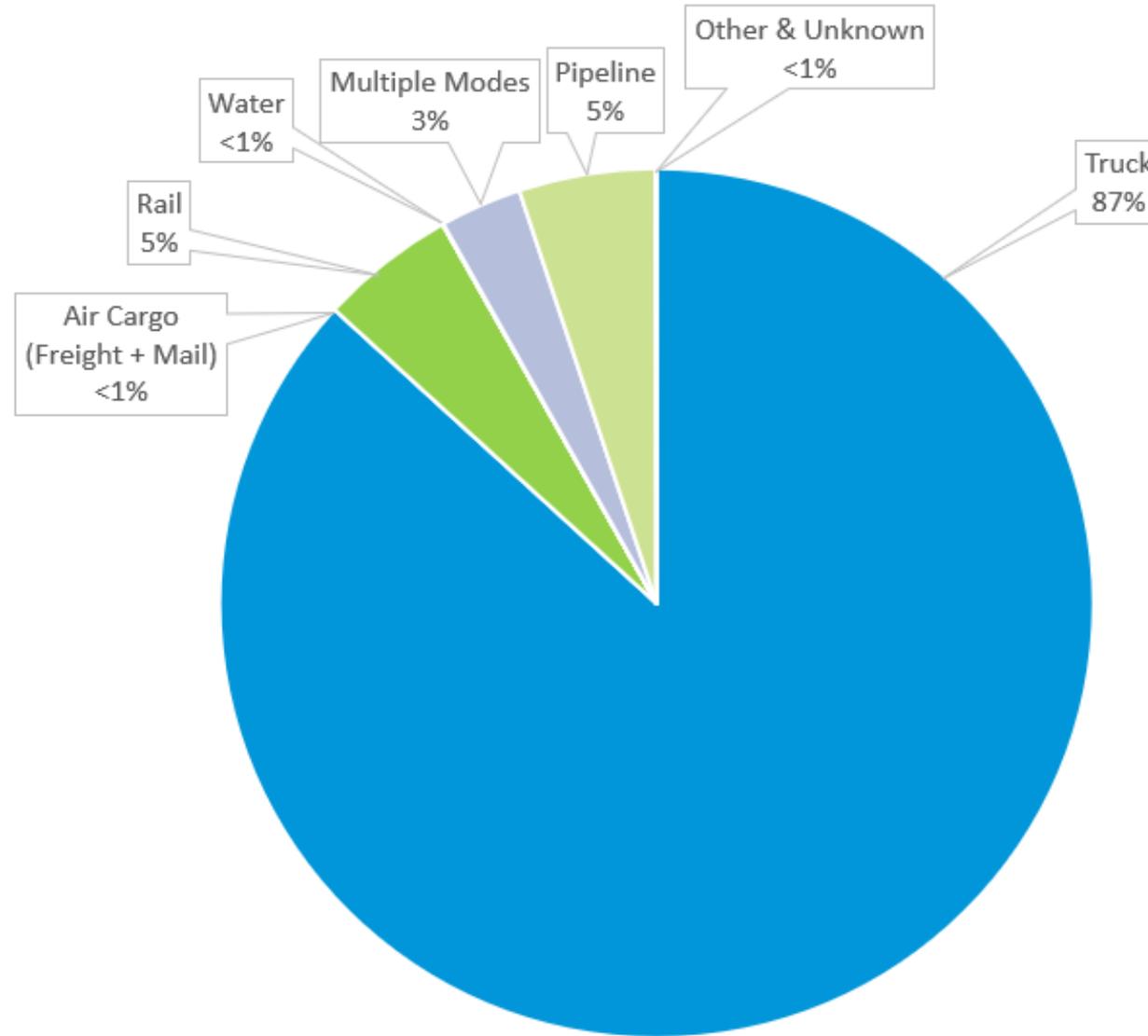
NC Commodity Flow Projection

Freight Tonnage Projections by Mode (Millions of Tons)



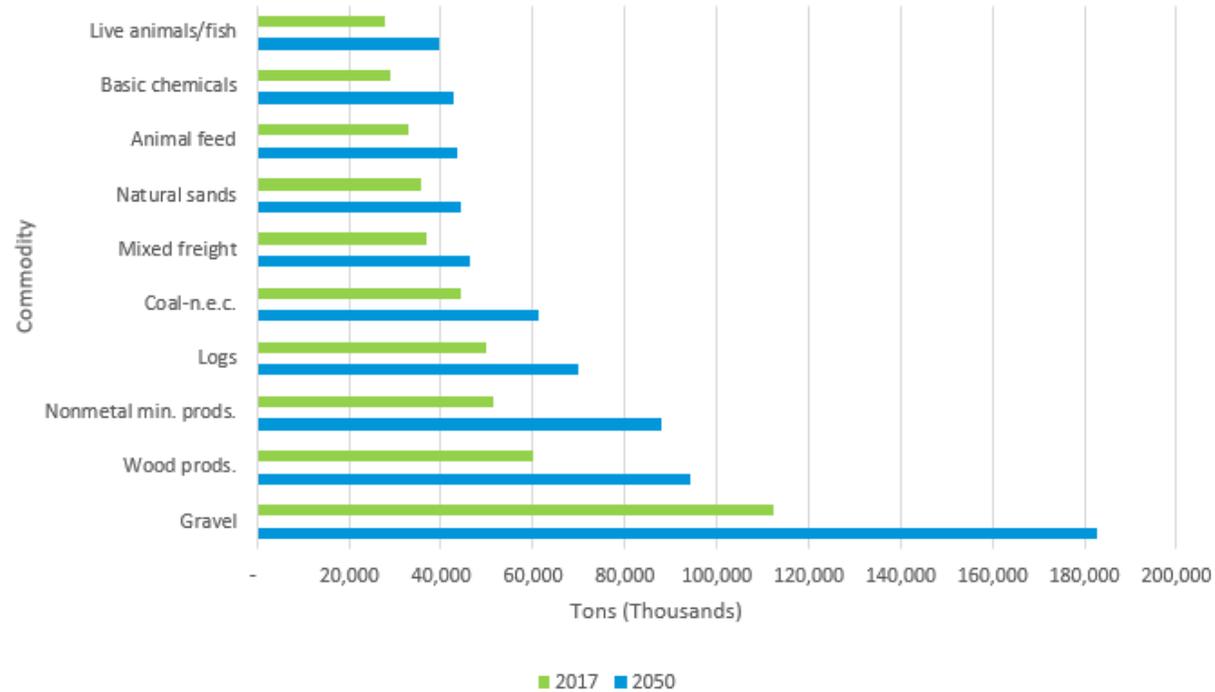
NC Commodity Flow Summary

2017 Freight Tons by Mode

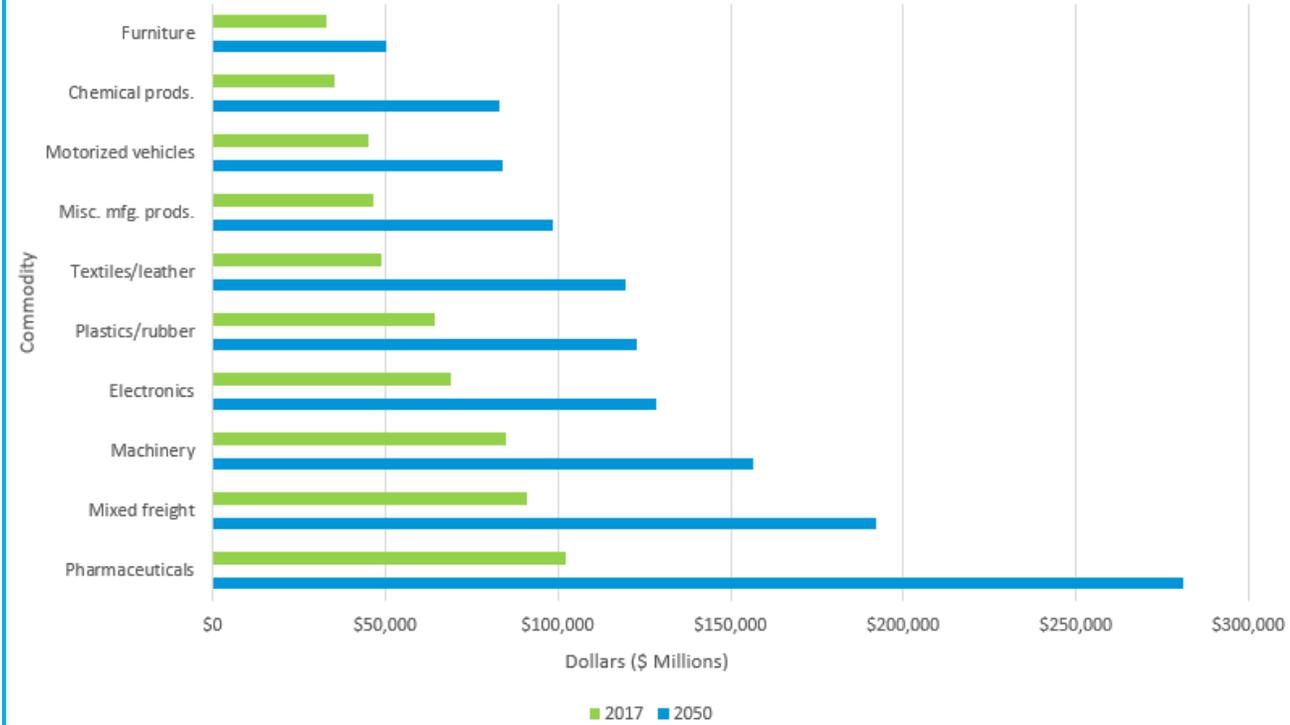


NC Top Commodities

Top Commodities by Tonnage 2017 and 2050

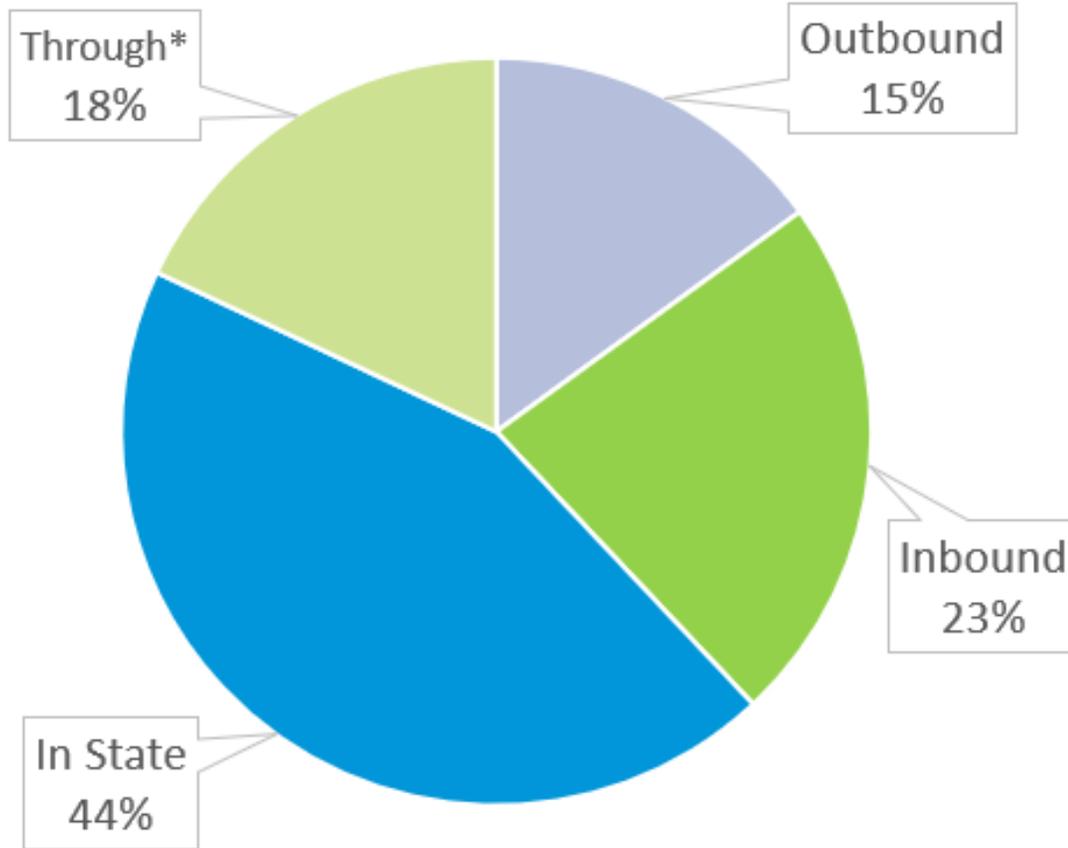


Top Commodities by Value 2017 and 2050

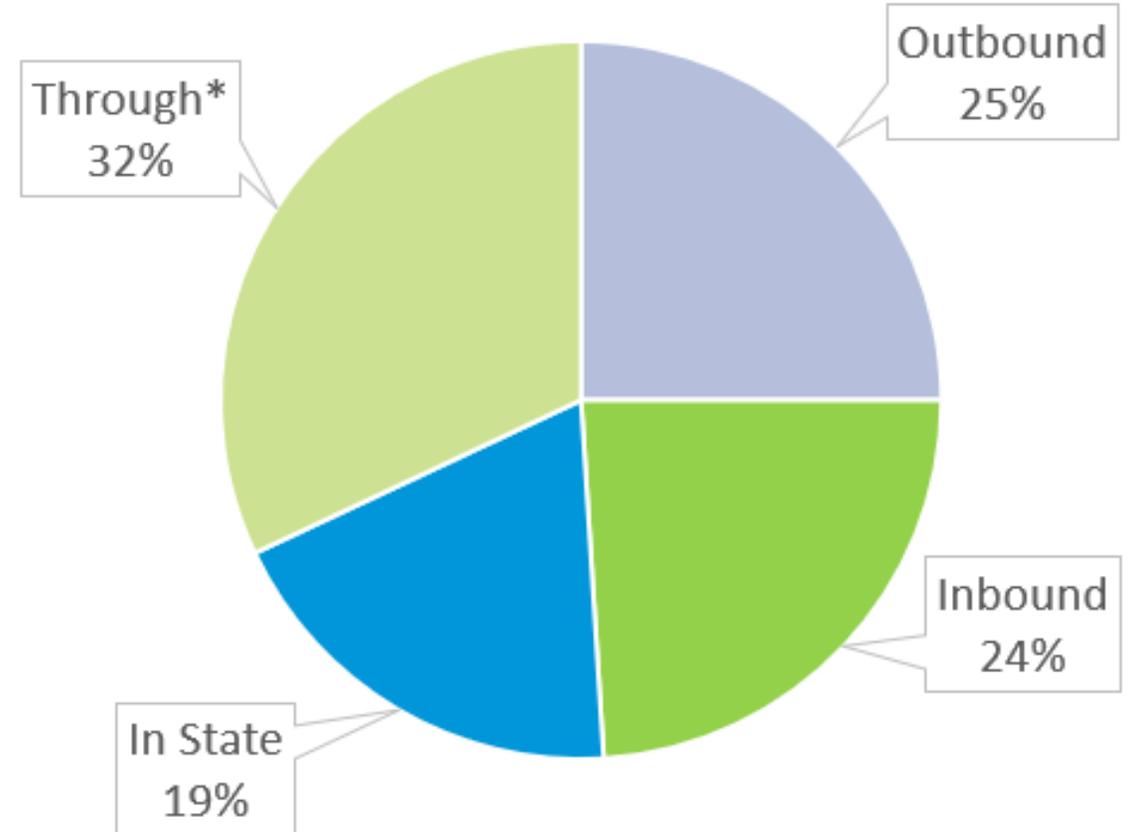


NC 2017 Commodities Directional Flow

Tonnage by Direction, All Modes



Value by Direction, All Modes

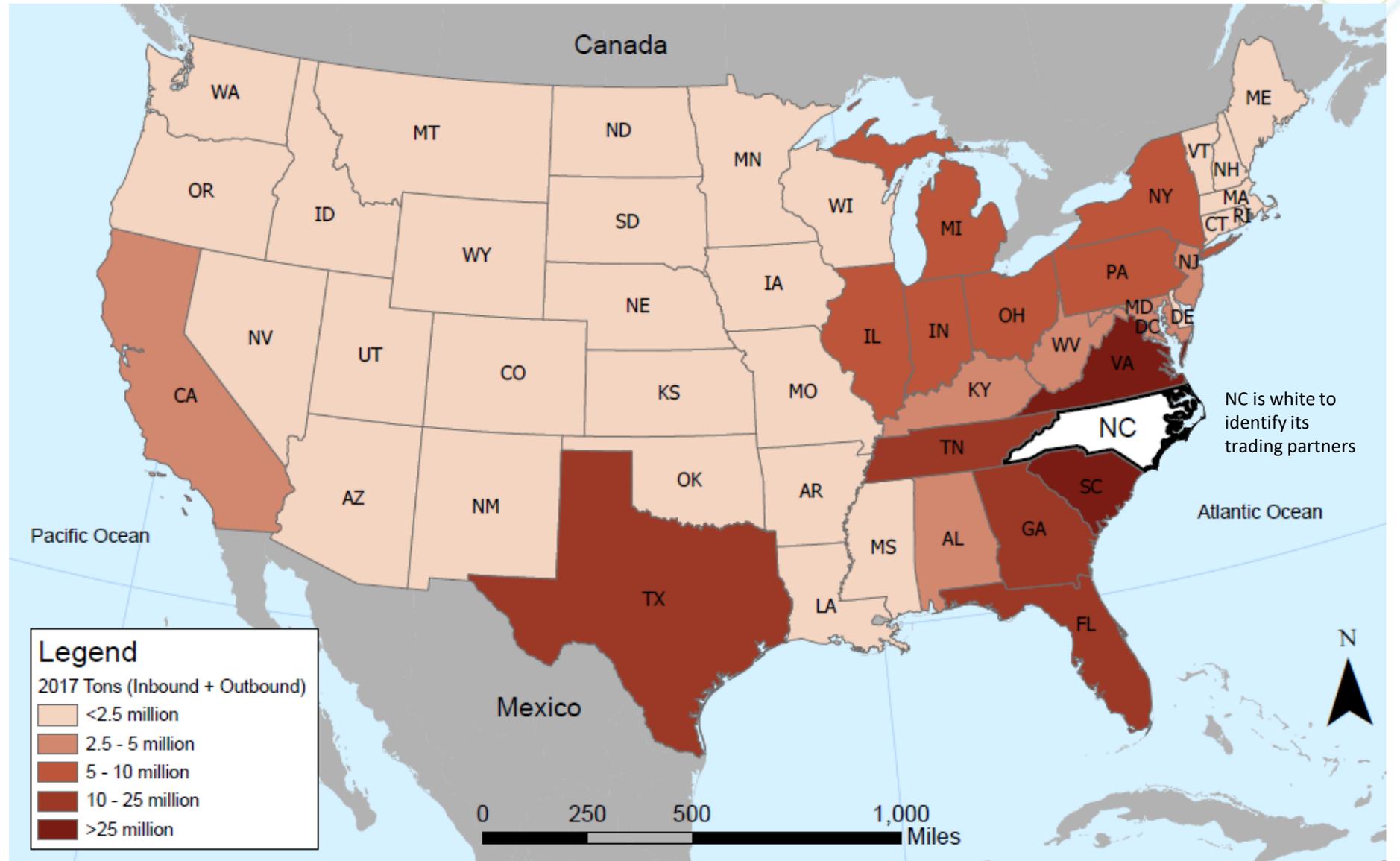


In 2017, In State traffic comprised the largest share by weight and through traffic comprised the largest share by value

*Note: Through values based on FAF 4.1 2012. Final Plan may include FAF 5 through values.

NC Domestic Trading Partners by Weight

- 84% of trading is east of Mississippi River
- Machinery (CA) and natural sands (TX) are the primary commodities traded with CA and TX

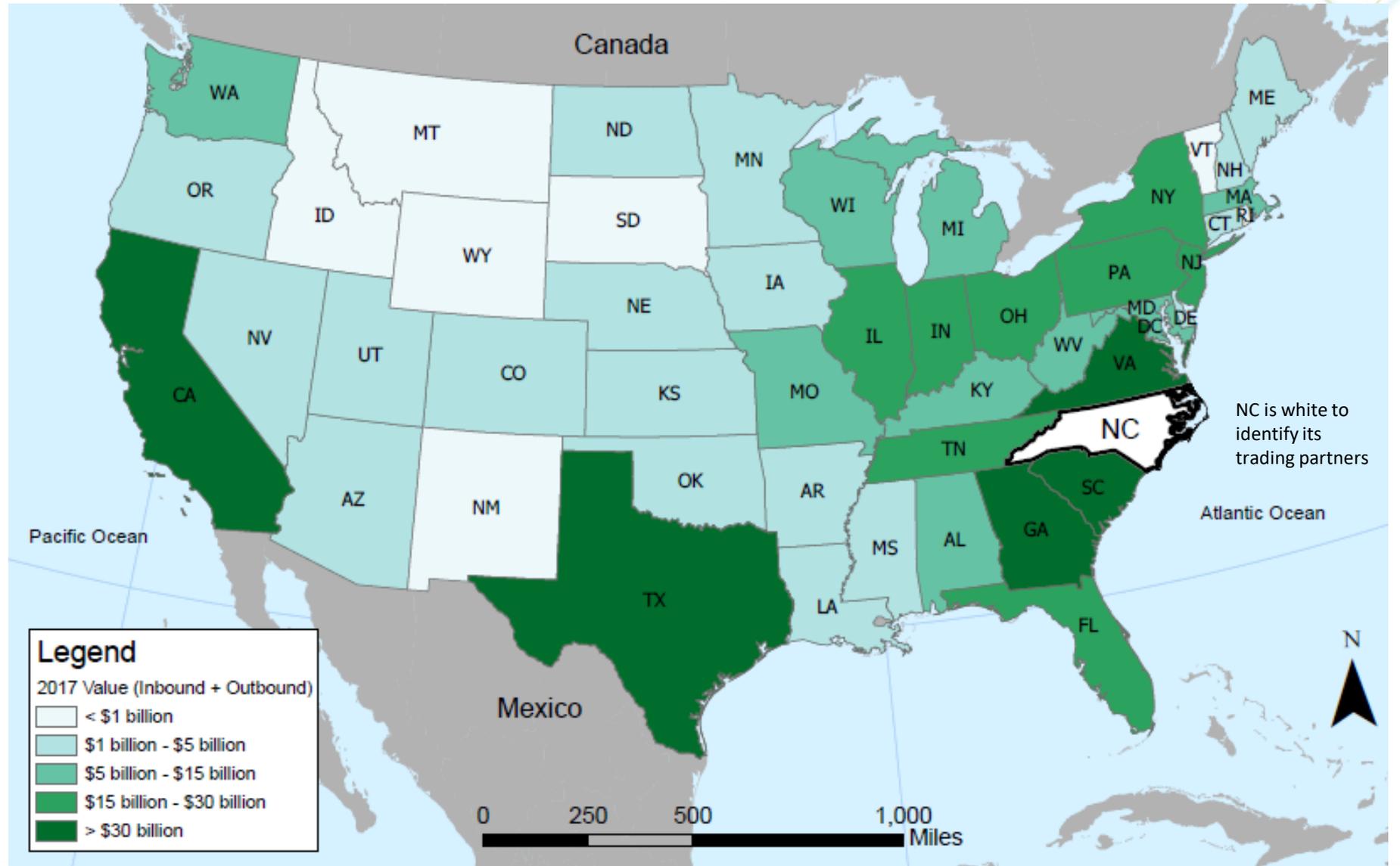


*excludes rail data. Rail accounted for 5% of total tonnage of commodities moved. Rail not included in FAF5 data

Source: FAF5.

NC Domestic Trading Partners by Value

- 78% of trading is east of Mississippi River
- Electronics is the primary commodity by value traded with both CA and TX



*excludes rail data. Rail accounted for 5% of total tonnage of commodities moved. Rail not included in FAF5 data

Survey Question

2. How confident are you in the reported base year commodity flow volumes:

- Very confident
- Somewhat confident
- Neither confident nor not confident
- Somewhat not confident
- Very not confident

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Survey Question

3. How confident are you in the reported future year commodity flow volumes:

- Very confident
- Somewhat confident
- Neither confident nor not confident
- Somewhat not confident
- Very not confident

Website: [Publicinput.com/FAC22](https://publicinput.com/FAC22)

Text: FAC22 to 984-205-6615

Survey Question

4. How confident are you in the reported modal split commodity flow volumes:

- Very confident
- Somewhat confident
- Neither confident nor not confident
- Somewhat not confident
- Very not confident

Website: [Publicinput.com/FAC22](https://publicinput.com/FAC22)

Text: FAC22 to 984-205-6615

Survey Question

5. How confident are you in the reported trading partners commodity flow volumes:

- Very confident
- Somewhat confident
- Neither confident nor not confident
- Somewhat not confident
- Very not confident

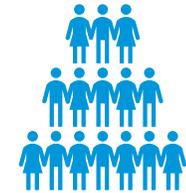
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NC Economic Role of Freight

Sector	Average Employment (2019)	Establishments (2019)
Truck Transportation	47,728	4,428
Warehousing & Storage	33,404	532
Postal Service	19,256	799
Support Activities for Transportation	18,938	1,191
Air Transportation	15,820	122
Transit & Ground Passenger Transportation	8,303	369
Couriers and Messengers	20,978	522
Water Transportation	261	40
Pipeline Transportation	*not listed	*not listed

69.3 tons per North Carolinian



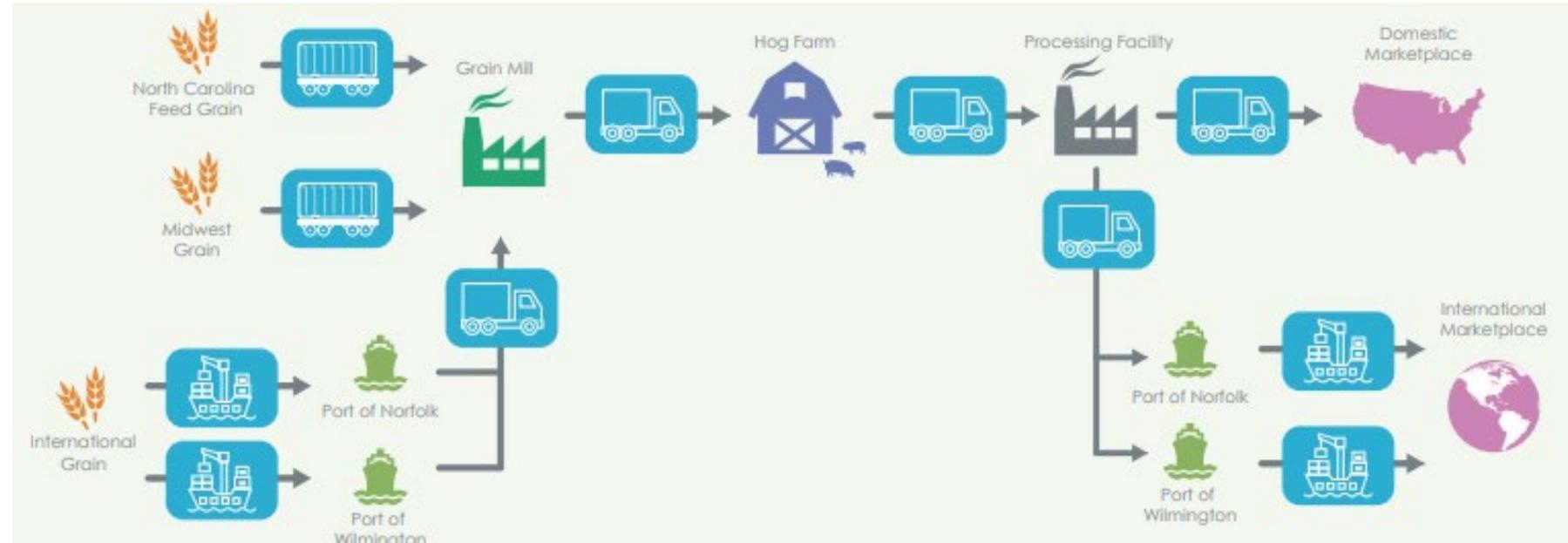
25,560 tons per business establishment



Supply Chain Focus: Agriculture, Food Processing & Distribution

Supply Chain and Logistics Freight Perspective

- Raw Materials from Domestic and International Markets
 - Rail/Barge/Ship - Logistics
- Manufacturing or Processing Processing/Refinement
 - Refined Products and Services
 - Agricultural Supplies
- New Market Services
- New Market Outputs
- Logistics for export commodities



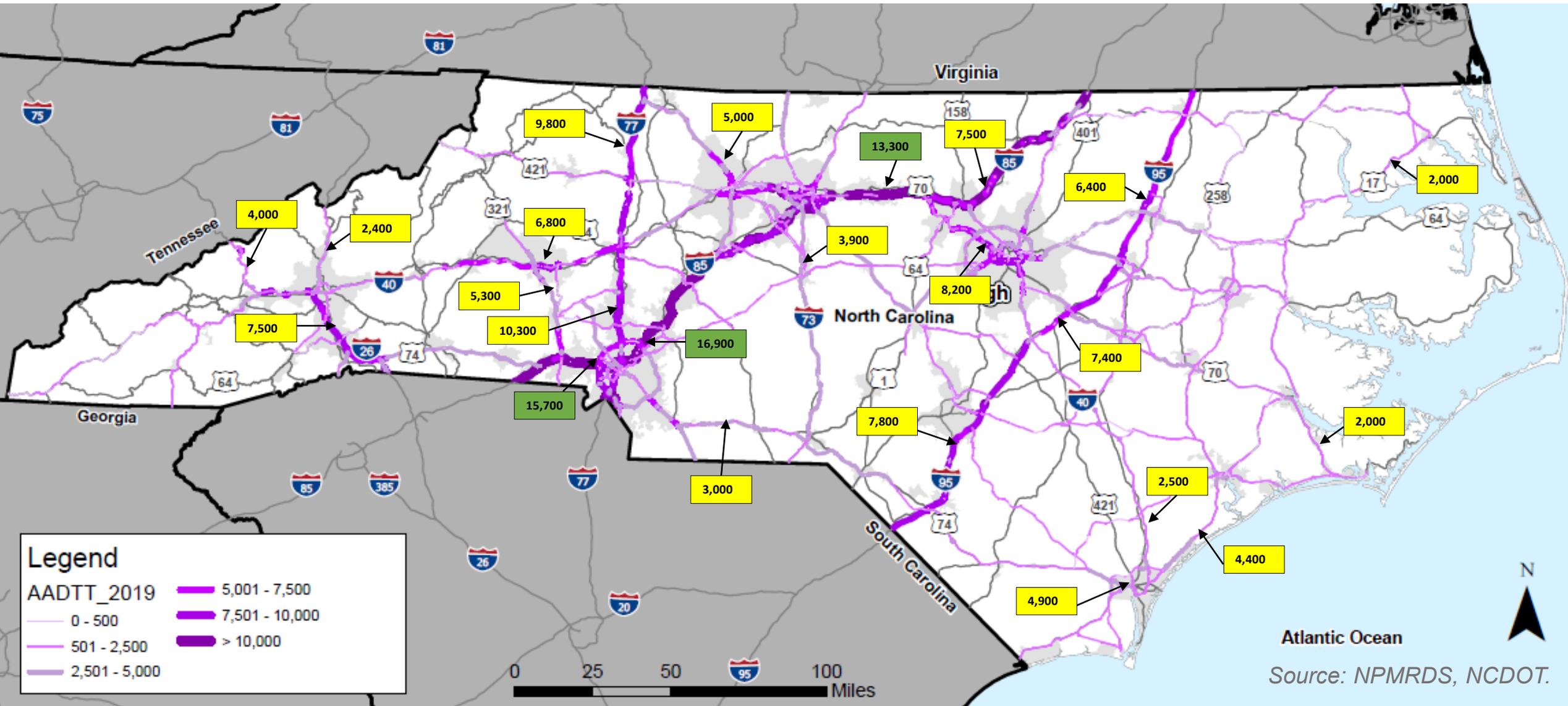
Agriculture, Food Processing, and Distribution are among the largest industries and commodities moved in North Carolina:

Companies headquartered or with production facilities include: Pepsi, Krispy Kreme Donuts, Snyder's-Lance Snack and Chip, Butterball, Smithfield, Tyson, Sanderson Farms, Mt. Olive Pickles, Campbell's Soup, Bimbo Bakeries, Sierra Nevada Brewing, and many others.



North Carolina Highway and Trucking

Truck Traffic on the Freight Network



NC Highway Commodities (Trucks Only)

Direction	Tonnage (Thousands)	% of Total Tons	Value (Millions) (\$)	% of Total Value
Inbound	78,445	15%*	182,620	30%*
In State	235,466	44%*	193,059	32%*
Outbound	74,573	14%*	225,605	38%*
Through*	144,755*	27%*	-	-
Total	388,484	100%	601,284	100%

Top 10 Commodities (by Tonnage)

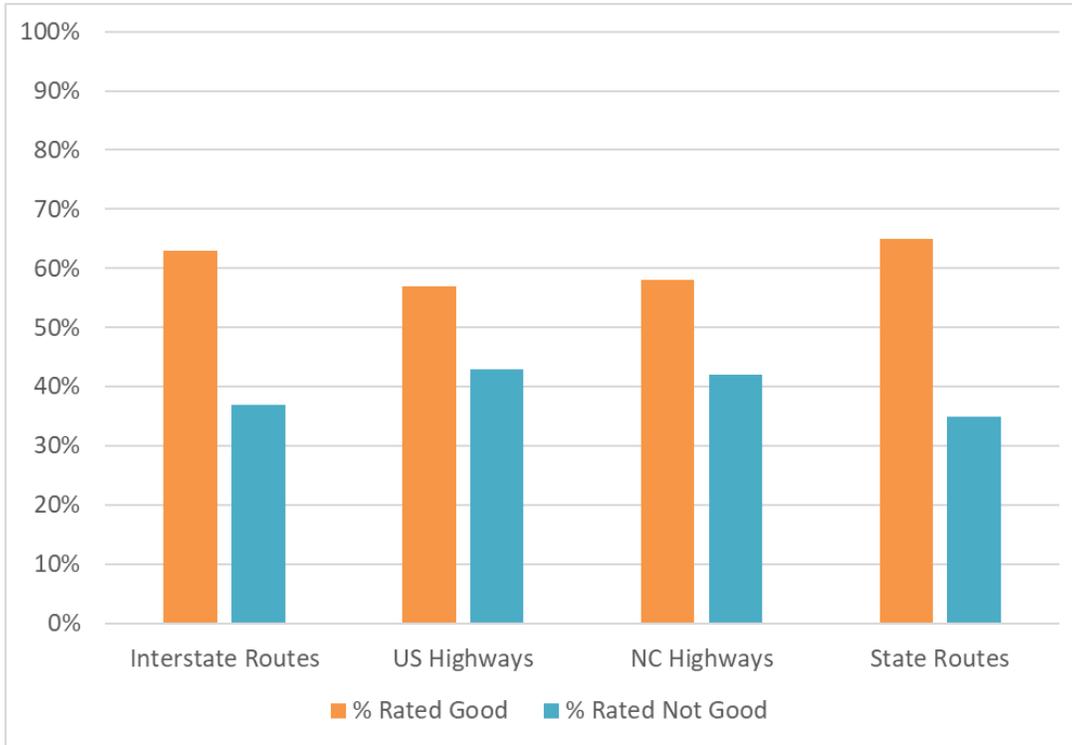
1. Gravel
2. Nonmetal min. products
3. Logs
4. Wood products
5. Waste/ scrap
6. Gasoline
7. Natural sands
8. Other ag. products
9. Mixed freight
10. Cereal grains

*Note: Through movements currently projected based on FAF 4.2 2015. Final Plan to include FAF 5 through.

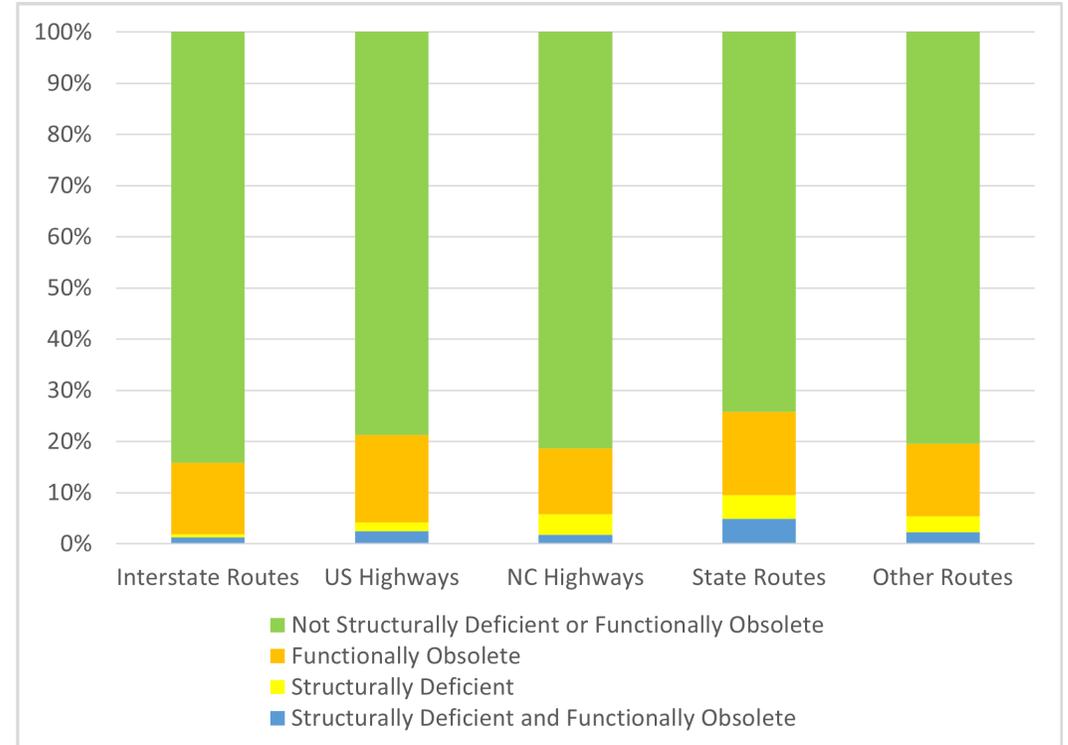
NC Pavement and Bridge Conditions

on the Highway Freight Network

Pavement Conditions



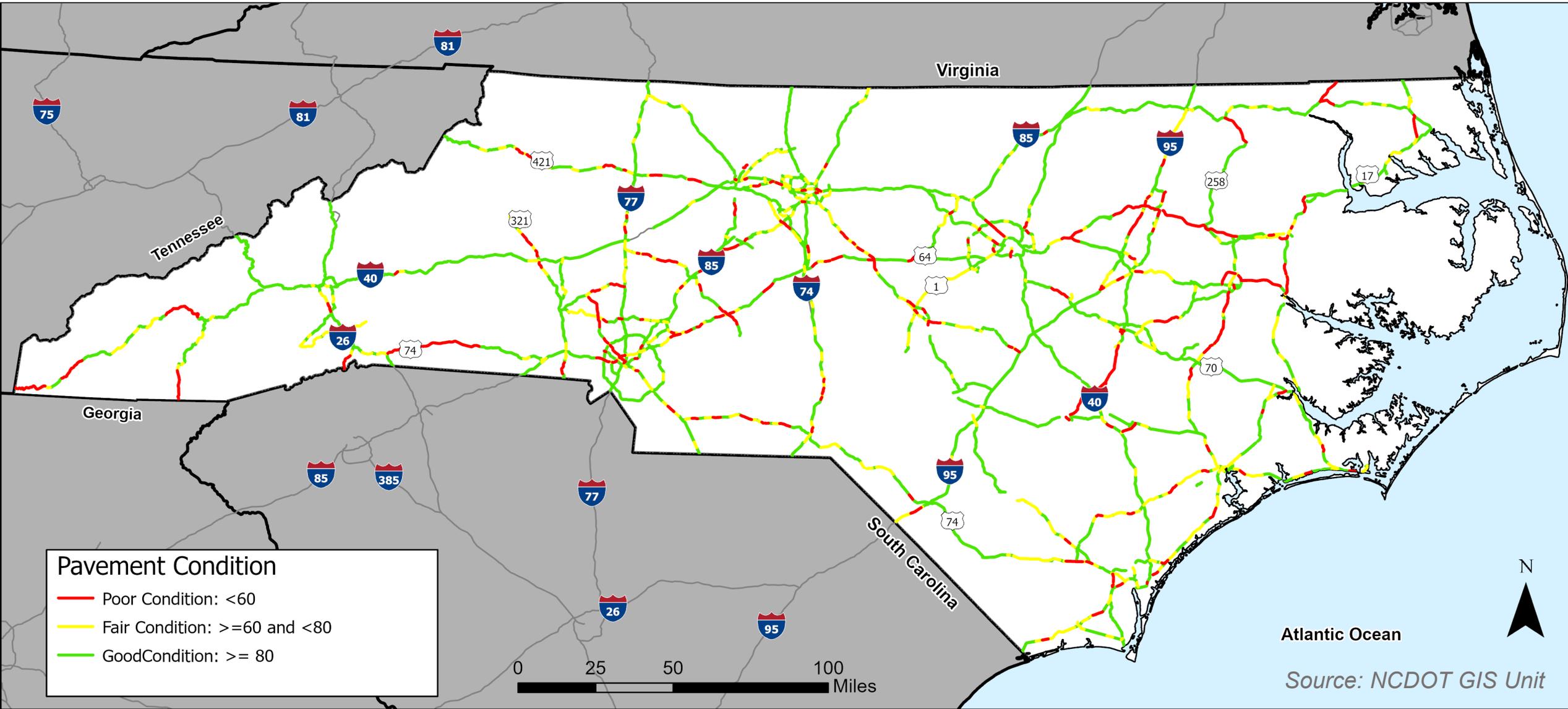
Bridge Conditions



NC Highway Pavement Condition

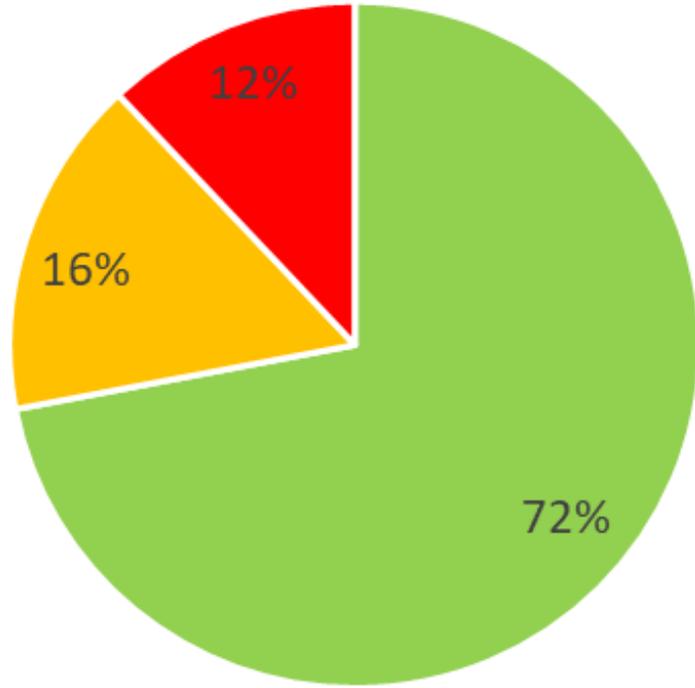
on the Highway Freight Network (2019)

Pavement condition rating (PCR) is categorized by NCDOT as good, fair, or poor



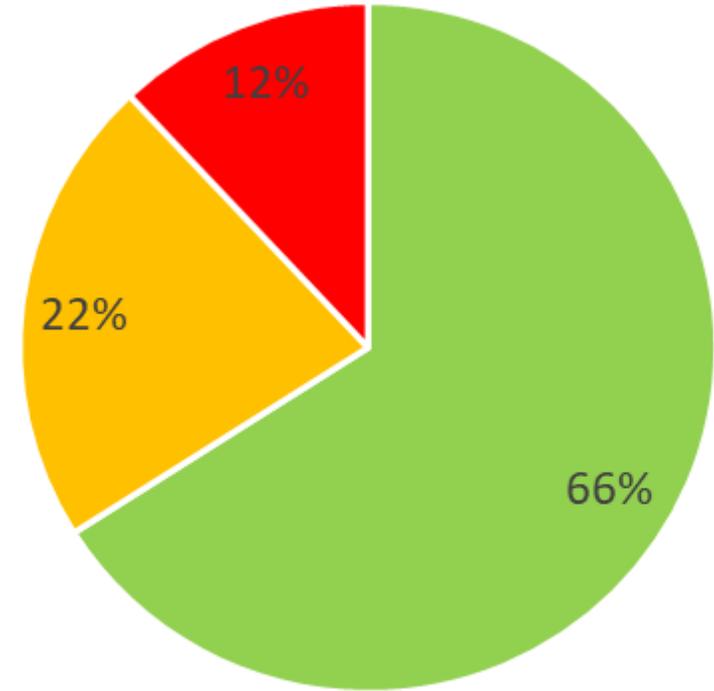
NC Highway Pavement Condition

on the Highway Freight Network (2019)



■ Good ■ Fair ■ Poor

NC Priority Highway Freight Network



■ Good ■ Fair ■ Poor

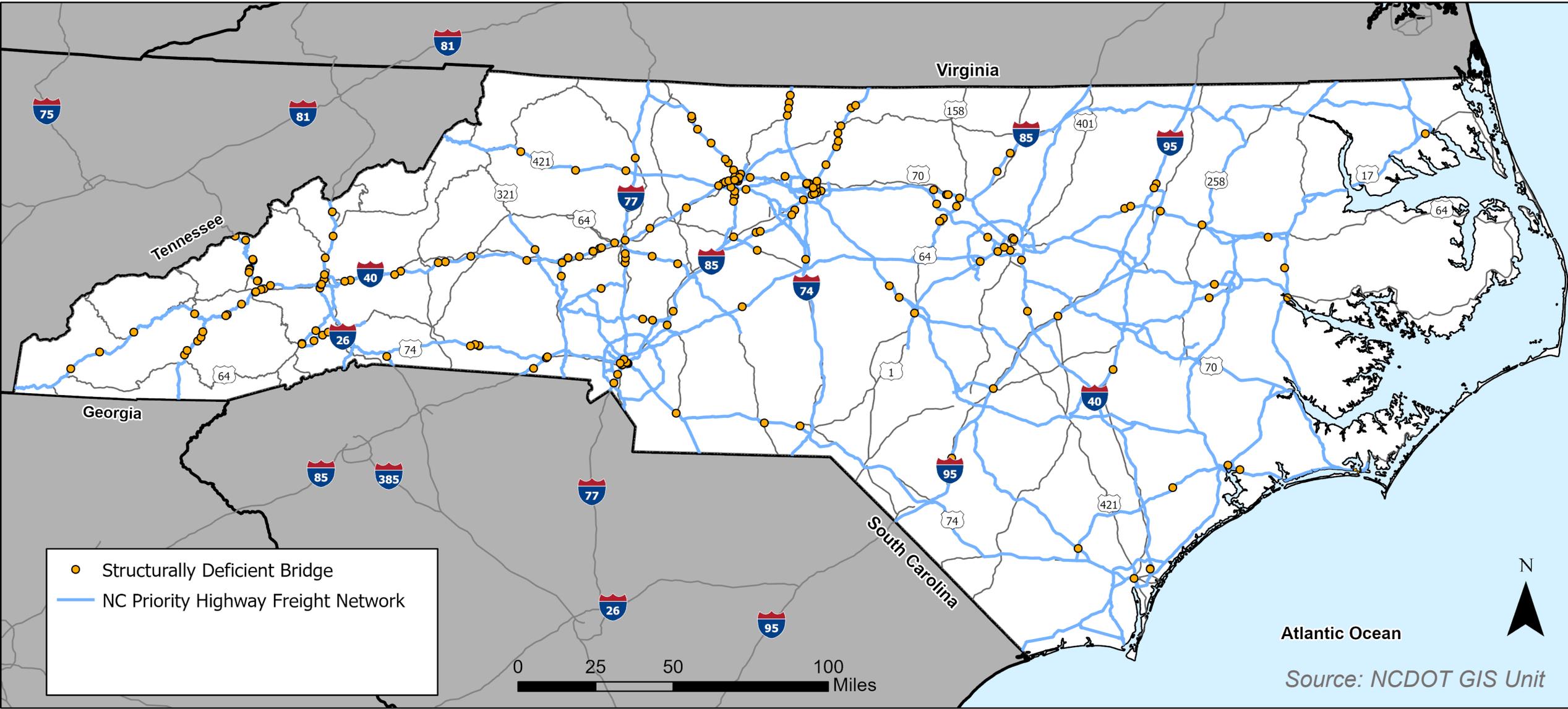
All NCDOT maintained roads

NC Bridges Conditions

on the Highway Freight Network

NORTH CAROLINA Statewide Multimodal Freight Plan

3% of bridges within 0.25 miles of the North Carolina Highway Freight Network are structurally deficient

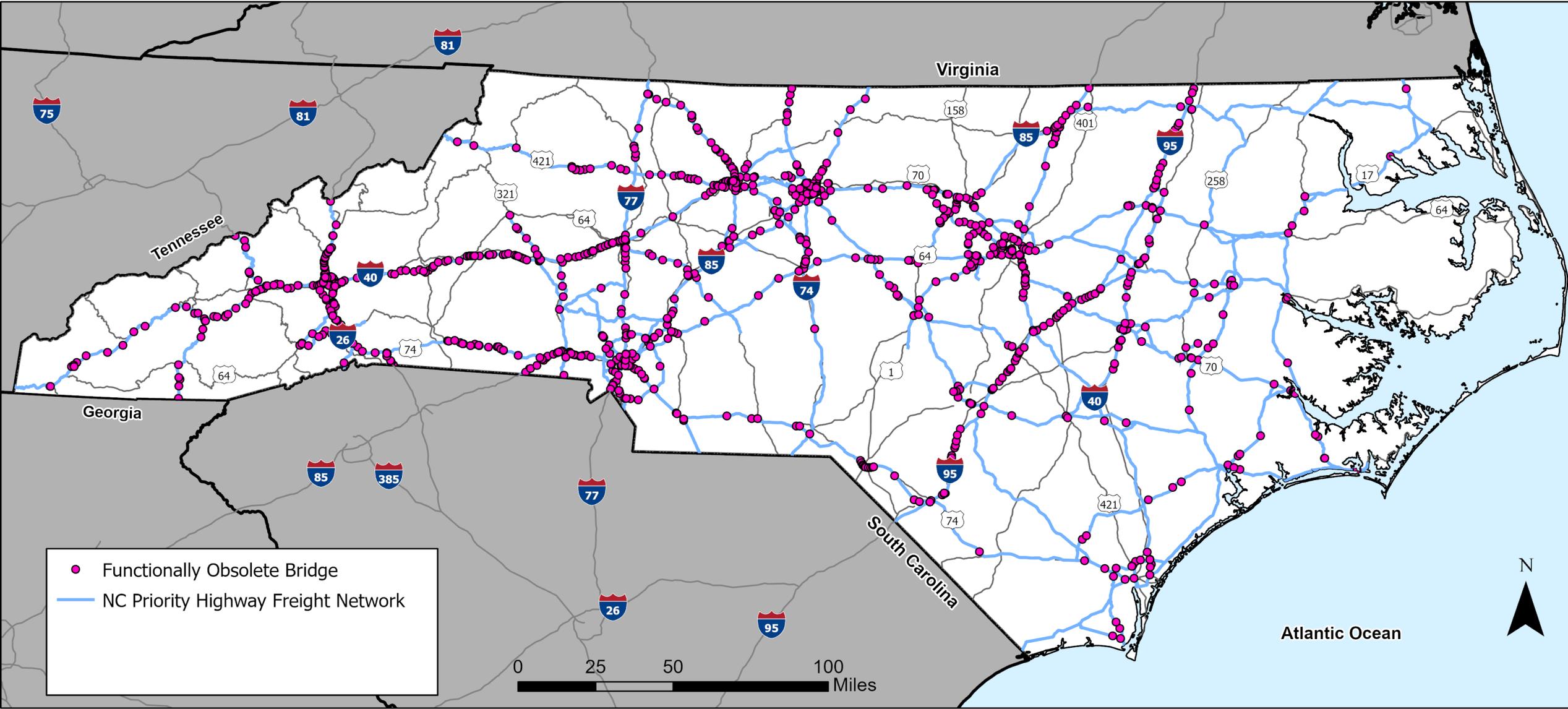


NC Bridges Conditions

on the Highway Freight Network

NORTH CAROLINA Statewide Multimodal Freight Plan

16% of bridges within 0.25 miles of the North Carolina Highway Freight Network are functionally obsolete

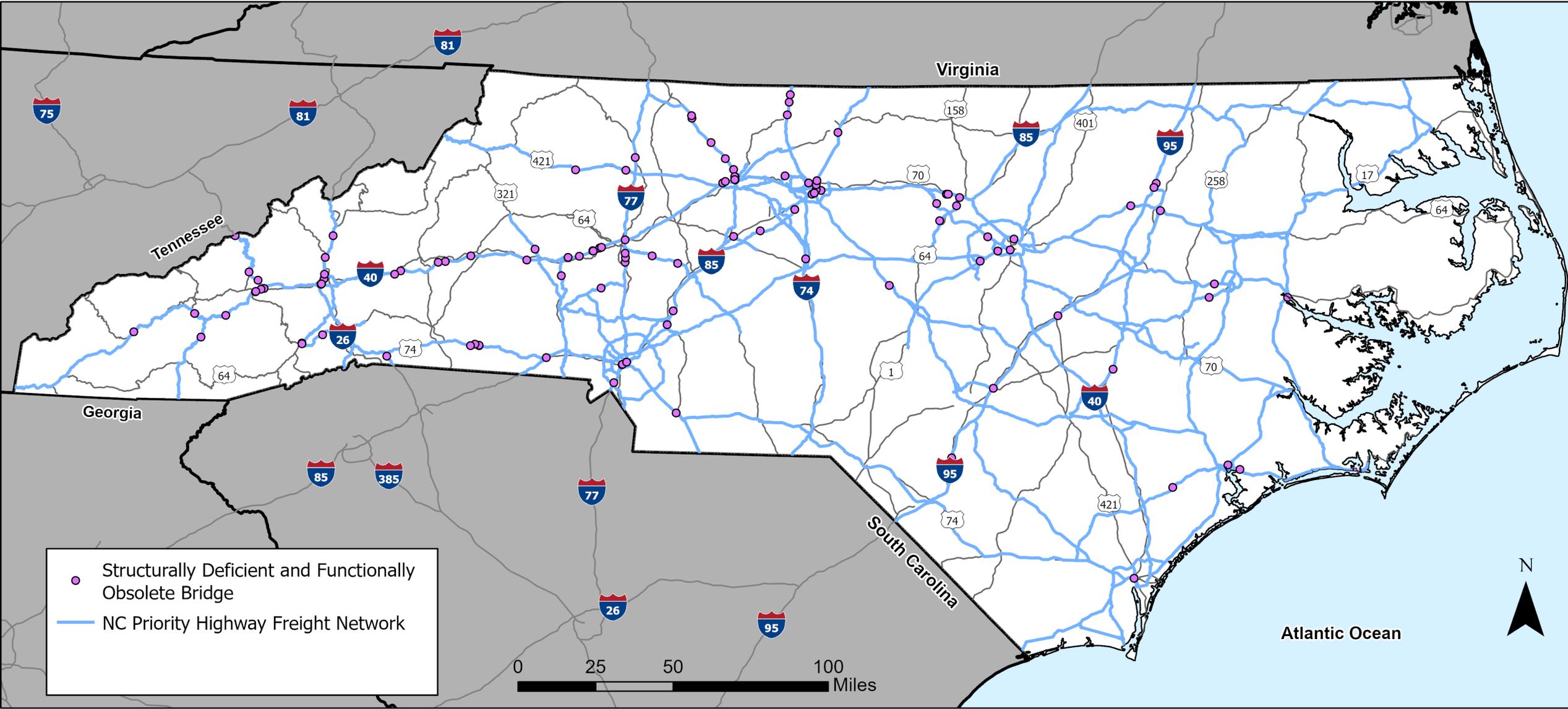


NC Bridges Conditions

on the Highway Freight Network

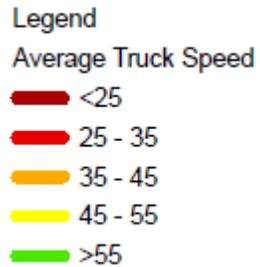
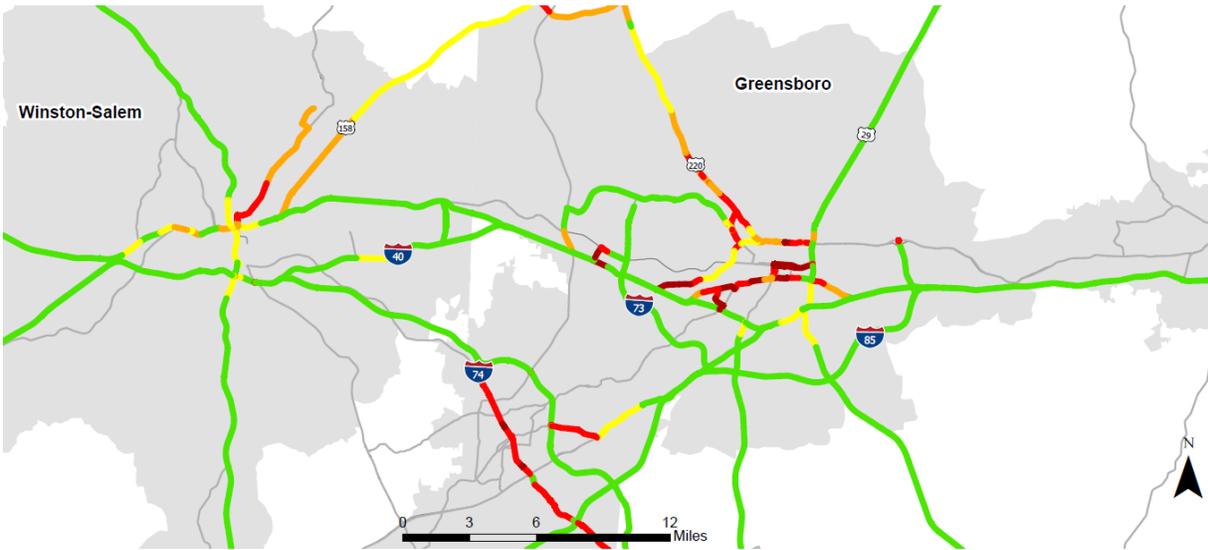
NORTH CAROLINA Statewide Multimodal Freight Plan

2% of bridges within 0.25 miles of the North Carolina Highway Freight Network are structurally deficient *and* functionally obsolete

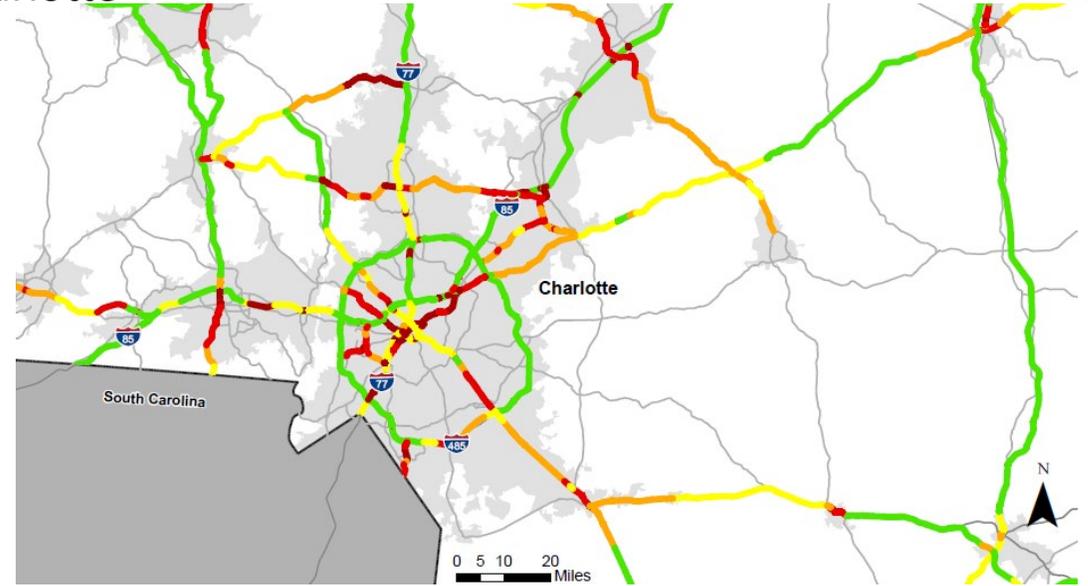


NC Highway Performance AM Peak Hour on the Highway Freight Network (2019)

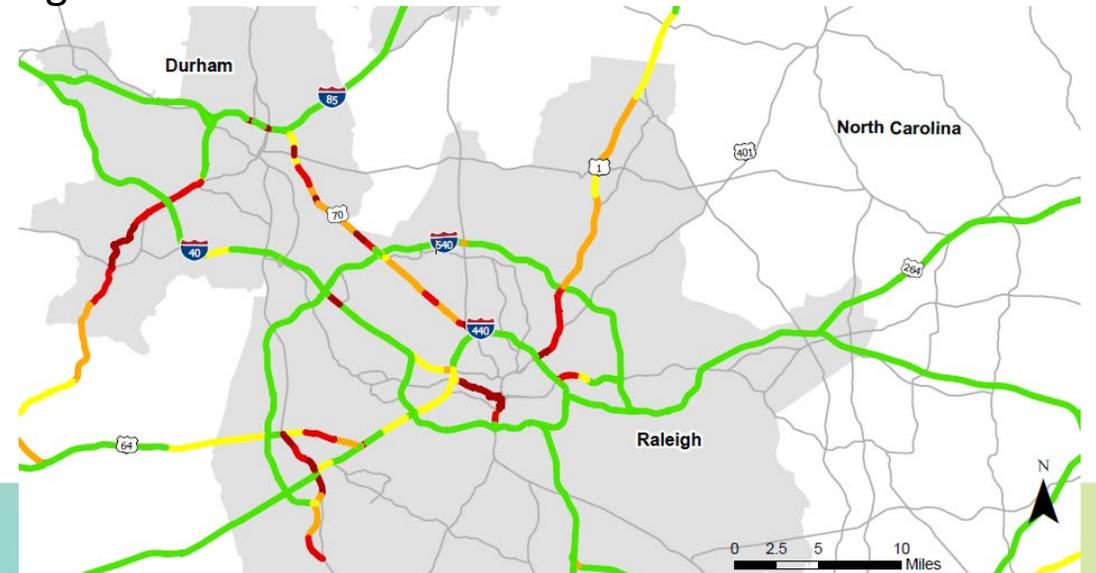
Greensboro



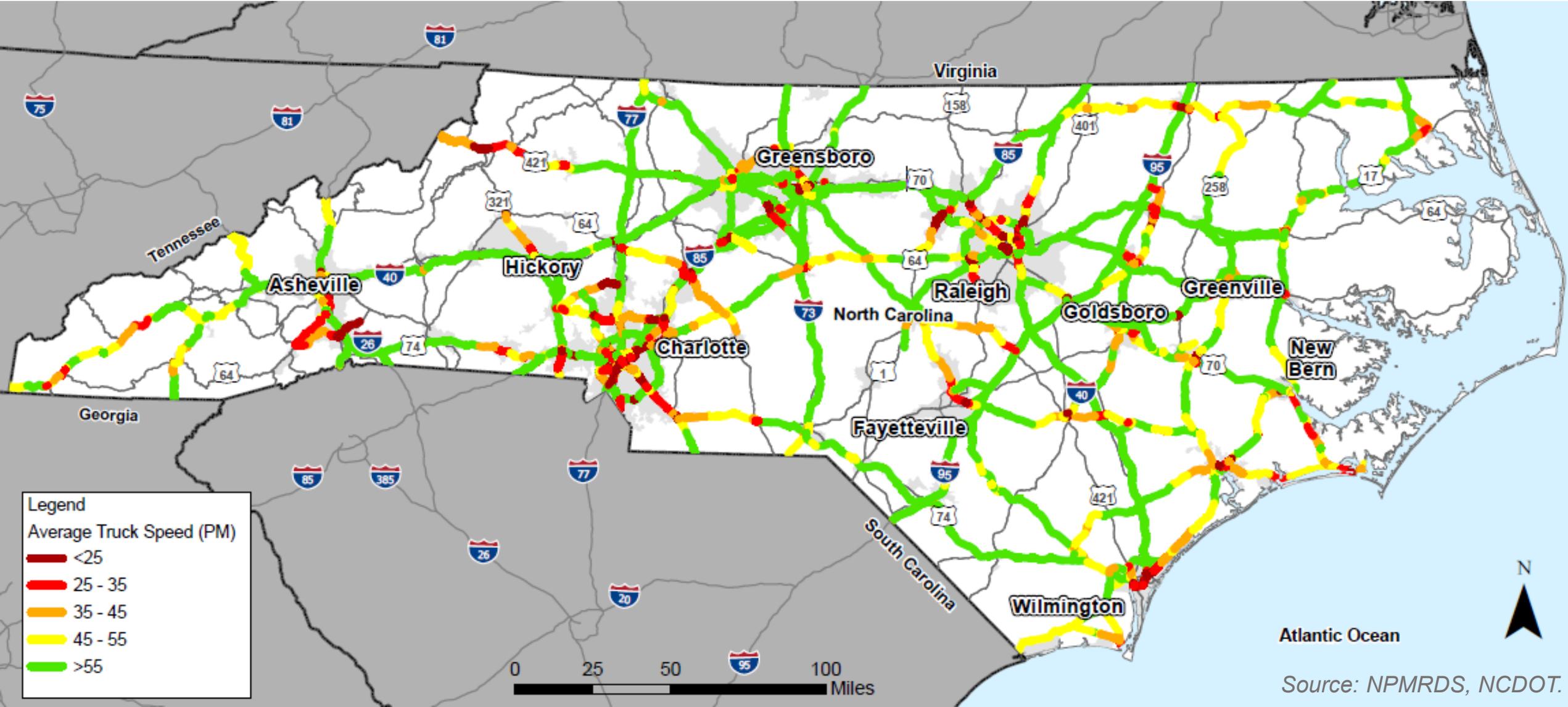
Charlotte



Raleigh

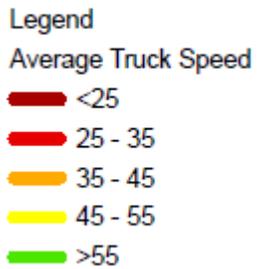
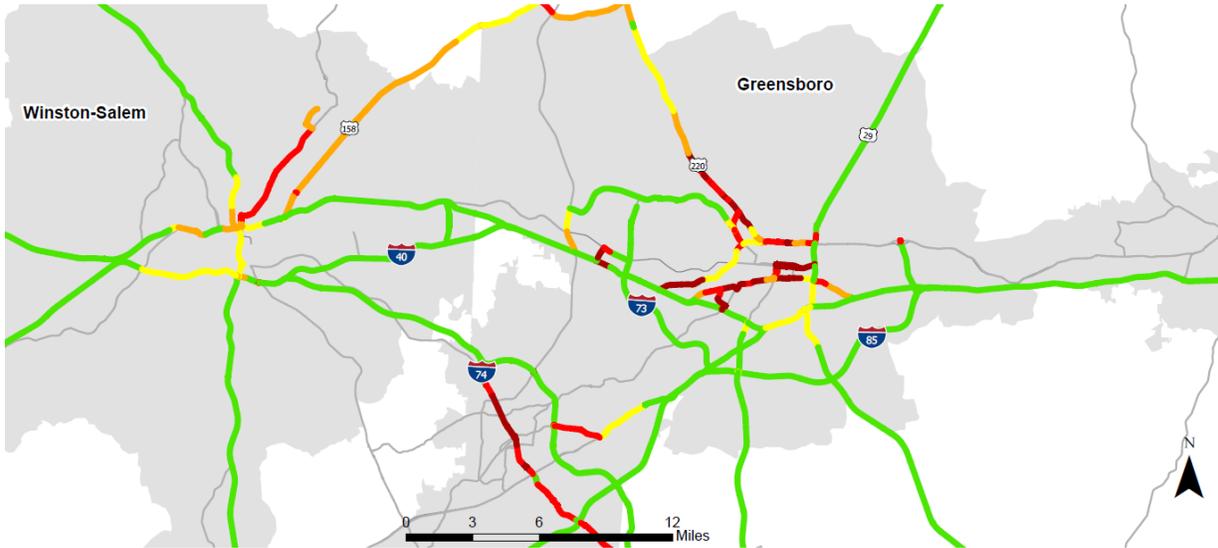


NC Highway Performance PM Peak Hour on the Highway Freight Network (2019)

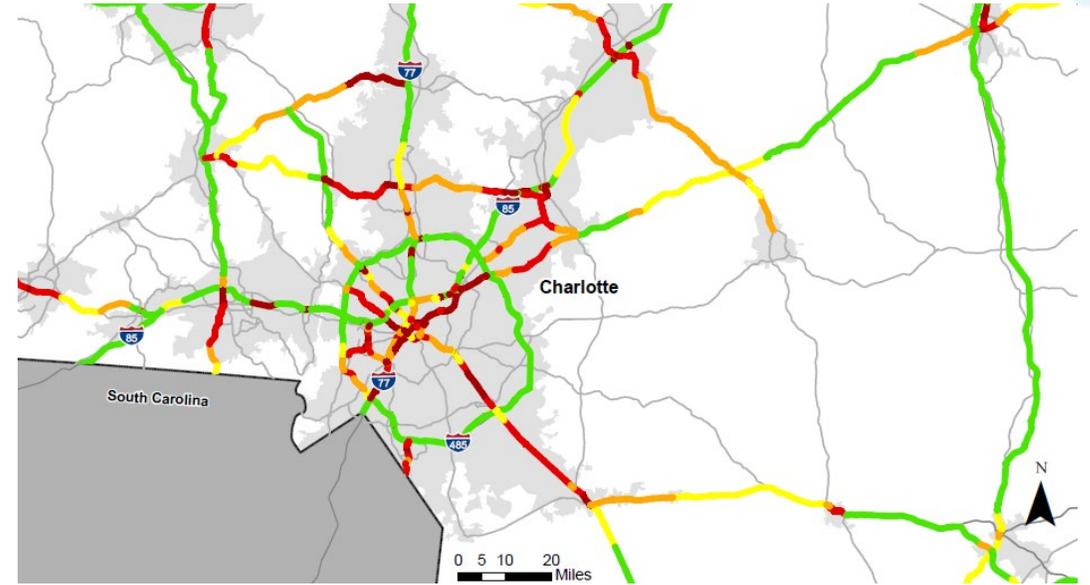


NC Highway Performance PM Peak Hour on the Highway Freight Network (2019)

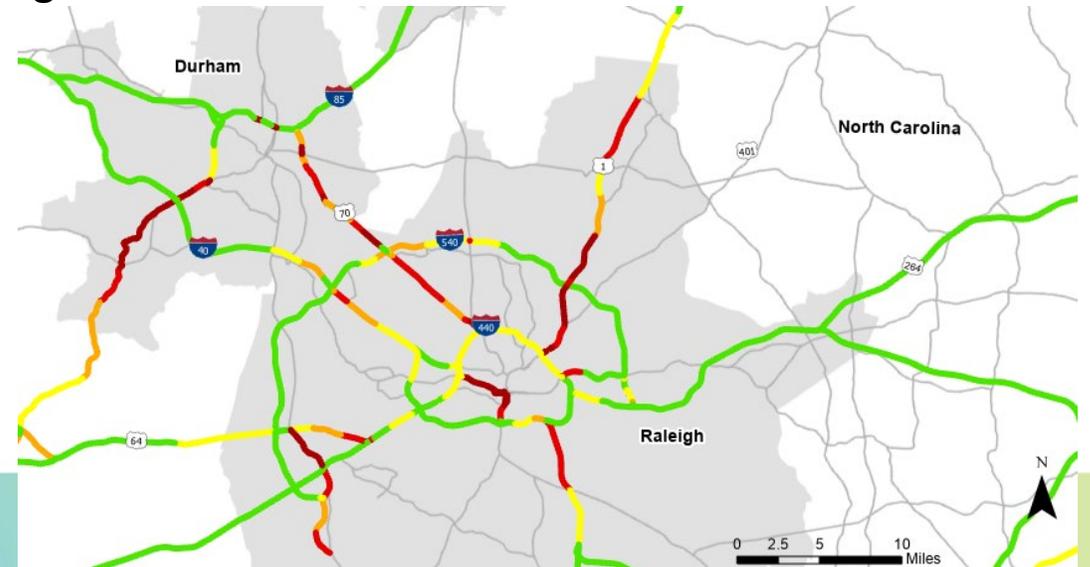
Greensboro



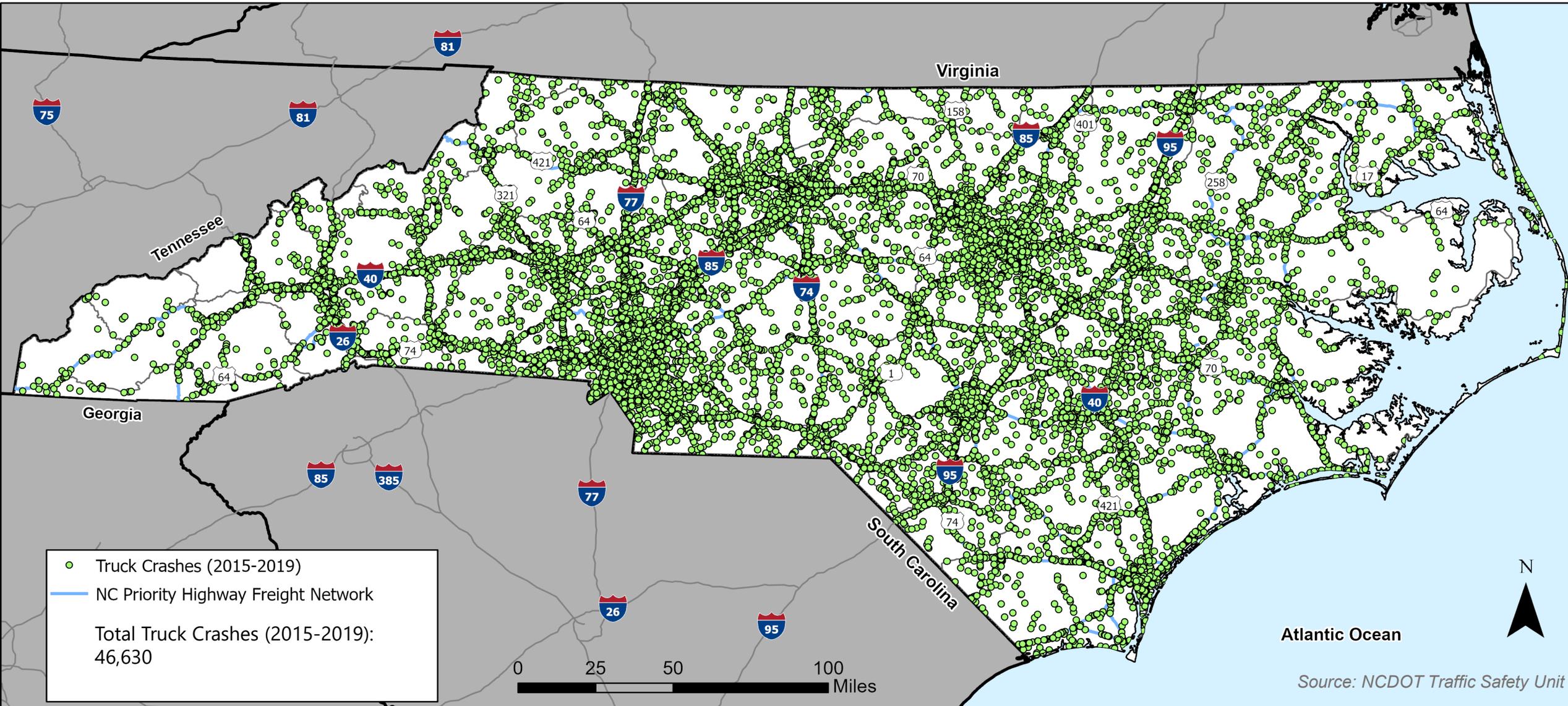
Charlotte



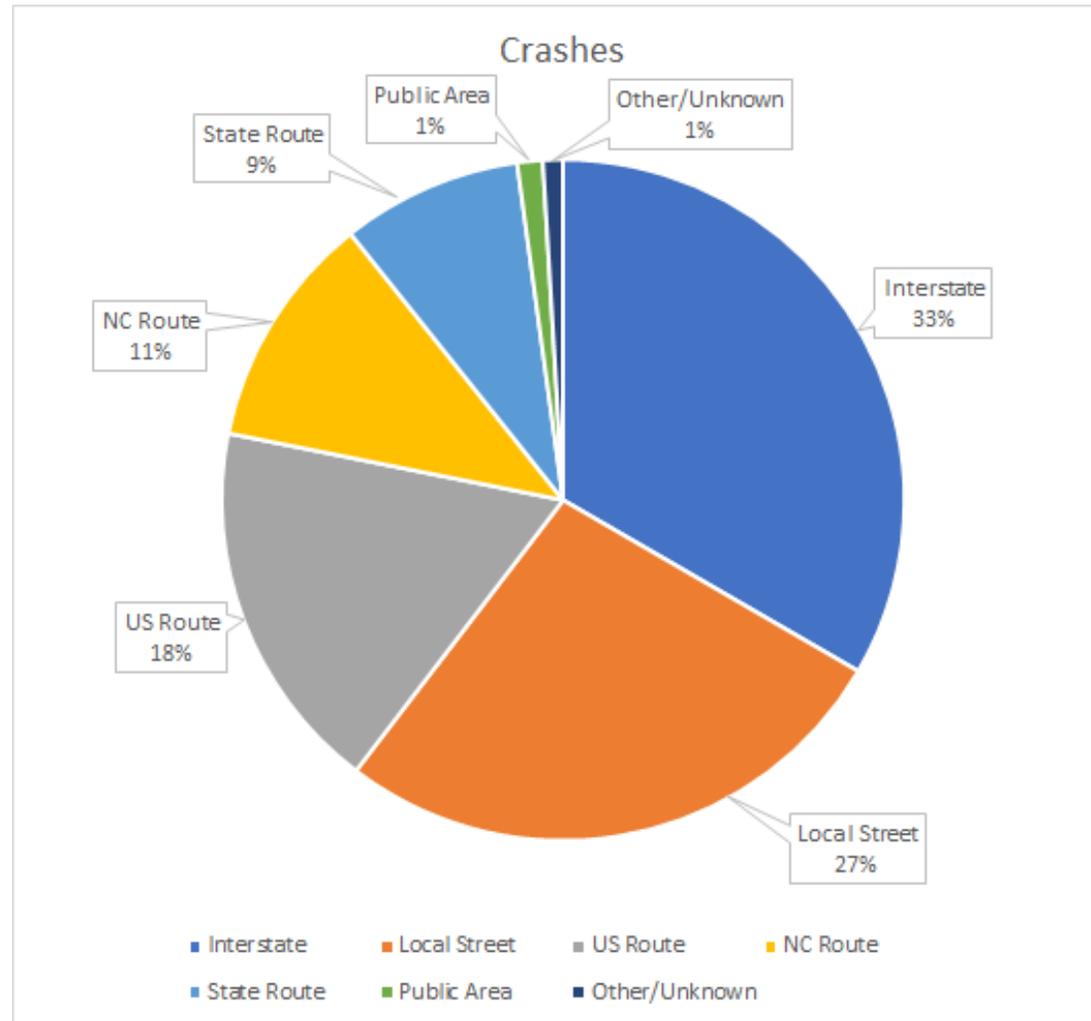
Raleigh



NC Safety - Total Truck Crashes

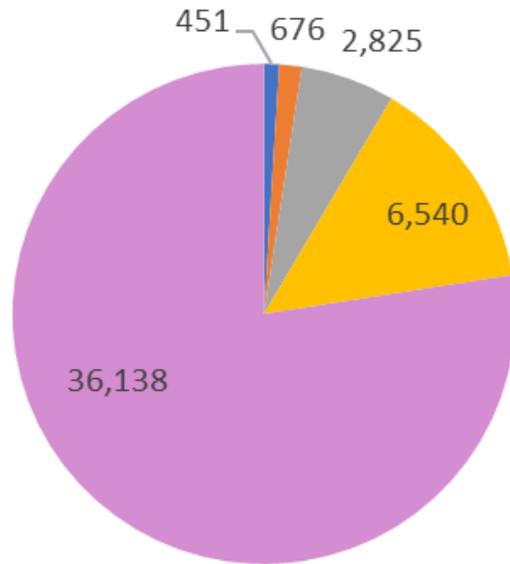


Total Truck Crashes in NC by Roadway Class (2015-2019): 46,630



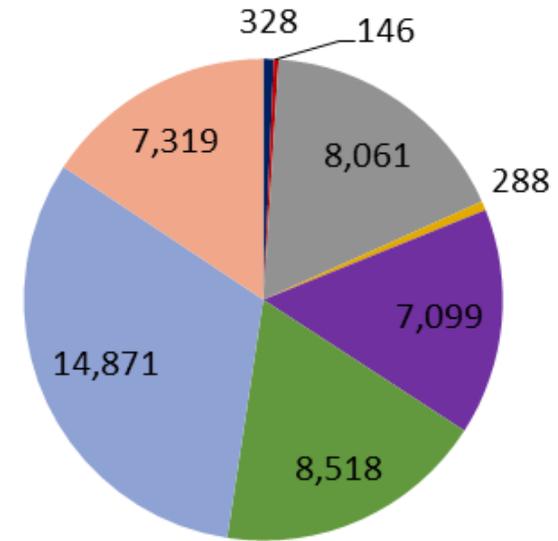
Total Truck Crashes in North Carolina from 2015-2019: 46,630

Truck Crashes by Severity



- Fatality
- Incapacitating Injury
- Non-Incapacitating Injury
- Possible Injury
- Property Damage Only and Unknown

Truck Crashes by Type



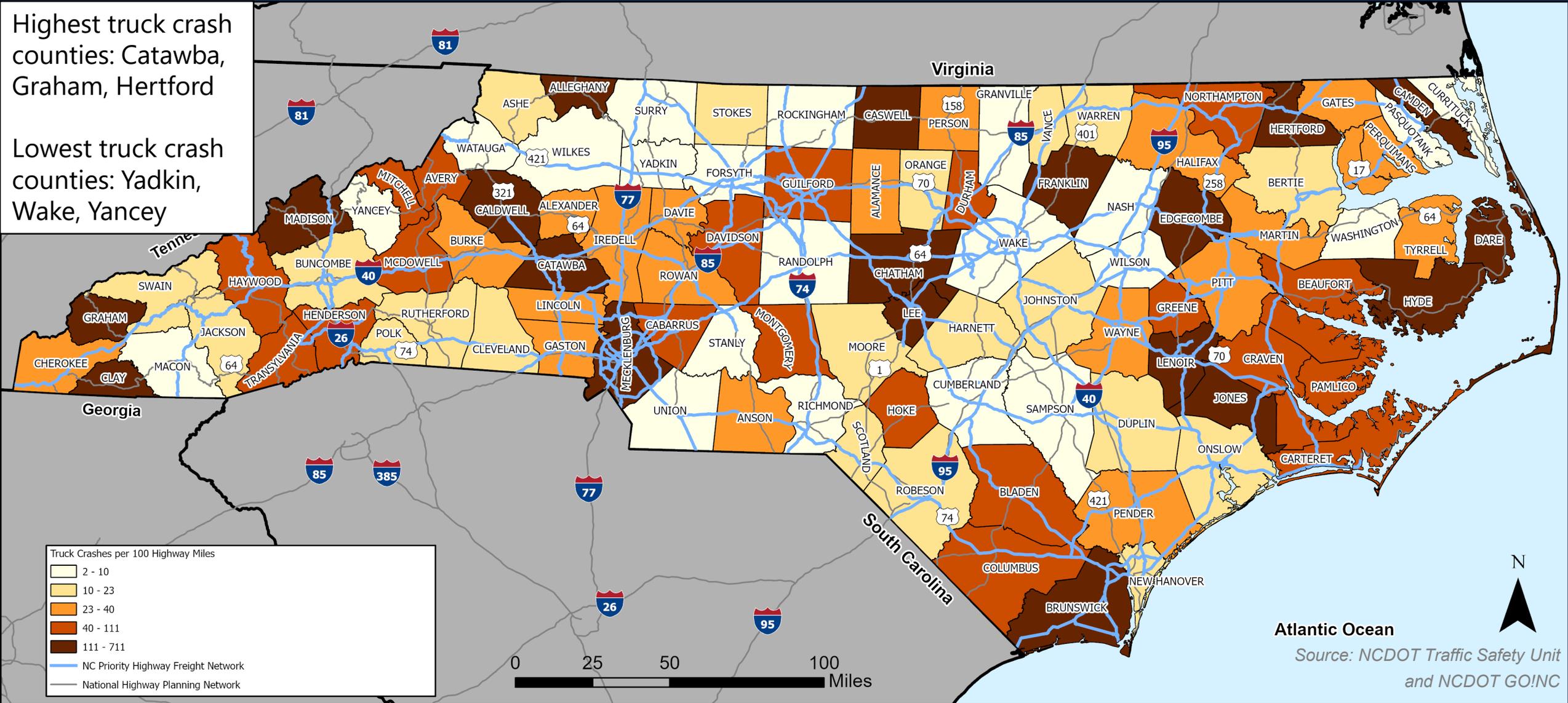
- Head On
- Pedestrians and Cyclists
- Angle
- Jackknife
- Ran Off Road
- Rear End
- Sideswipe
- All Others

Safety - Total Truck Crashes (2015-2019)

Truck crashes per 100 highway miles

Highest truck crash counties: Catawba, Graham, Hertford

Lowest truck crash counties: Yadkin, Wake, Yancey



Survey Question

6. Please select your top three freight highway challenges in North Carolina:

- **Congestion** (significant reduced travel speeds from posted conditions)
- **Reliability** (ability to plan for a travel trip)
- **Safety** (vehicle crashes)
- **Asset preservation** (ability to maintain the freight infrastructure)
- **First and last mile connections** (the beginning and end of the supply chain. These connections are often the most challenging for freight shippers)
- **Rural connectivity** – (ability to provide freight mobility and connectivity in less populated parts of the state)
- **Freight network design** (geometrics, pavement design, bridge heights, etc.)
- **Truck parking** (adequate safe and convenient parking for truck drivers)

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 NORTH CAROLINA
FREIGHT PLAN
MOVING THE FUTURE FORWARD

North Carolina Truck Parking

NC Truck Parking Update

Chapter 1 – Introduction

Chapter 2 – Stakeholder Outreach

Chapter 3 – Truck Parking Supply

Chapter 4 – Truck Parking Demand

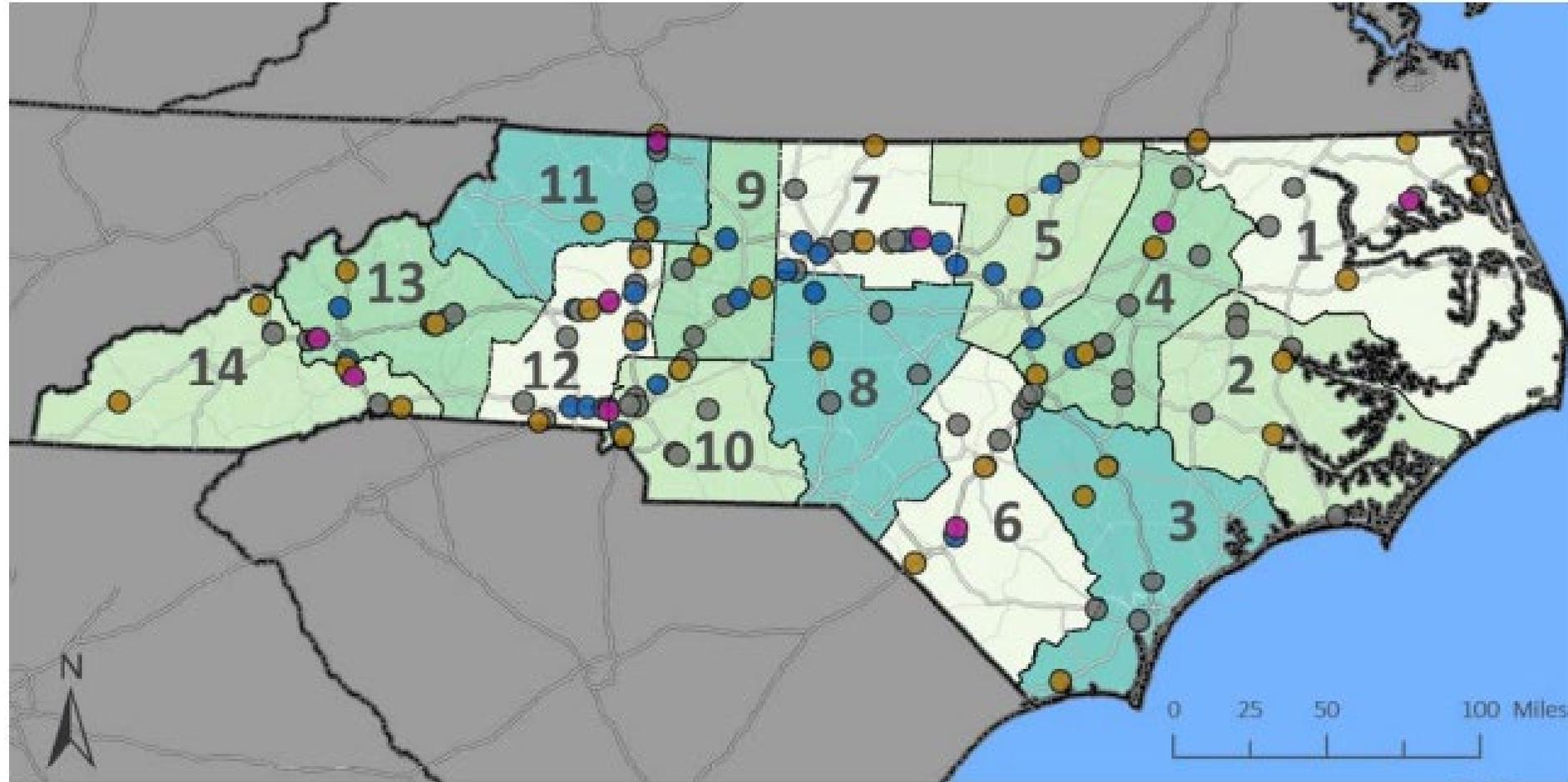
Chapter 5 – Truck Parking Facility Analysis



Truck Parking Inventory (2017)

- In 2017, NC had 167 parking locations representing nearly 4,800 parking spaces.
- Approx. 59% are private and 41% are public; however, about 85% of the truck parking spaces are at privately run locations
- Truck parking utilization indicates that parking facilities along I-26, I-77, I-85, and most of I-95 are at capacity.
- Truck demand is projected to increase as freight volumes are forecast to grow by 43% by 2040.

Public and Private Truck Parking Locations by NCDOT Division



Truck Parking Facilities and NCDOT Divisions

- Private Parking Facilities (73)
- Wal-Mart Stores* (25)
- Public Rest Areas and Visitor Centers (52)
- Weigh Station (17)

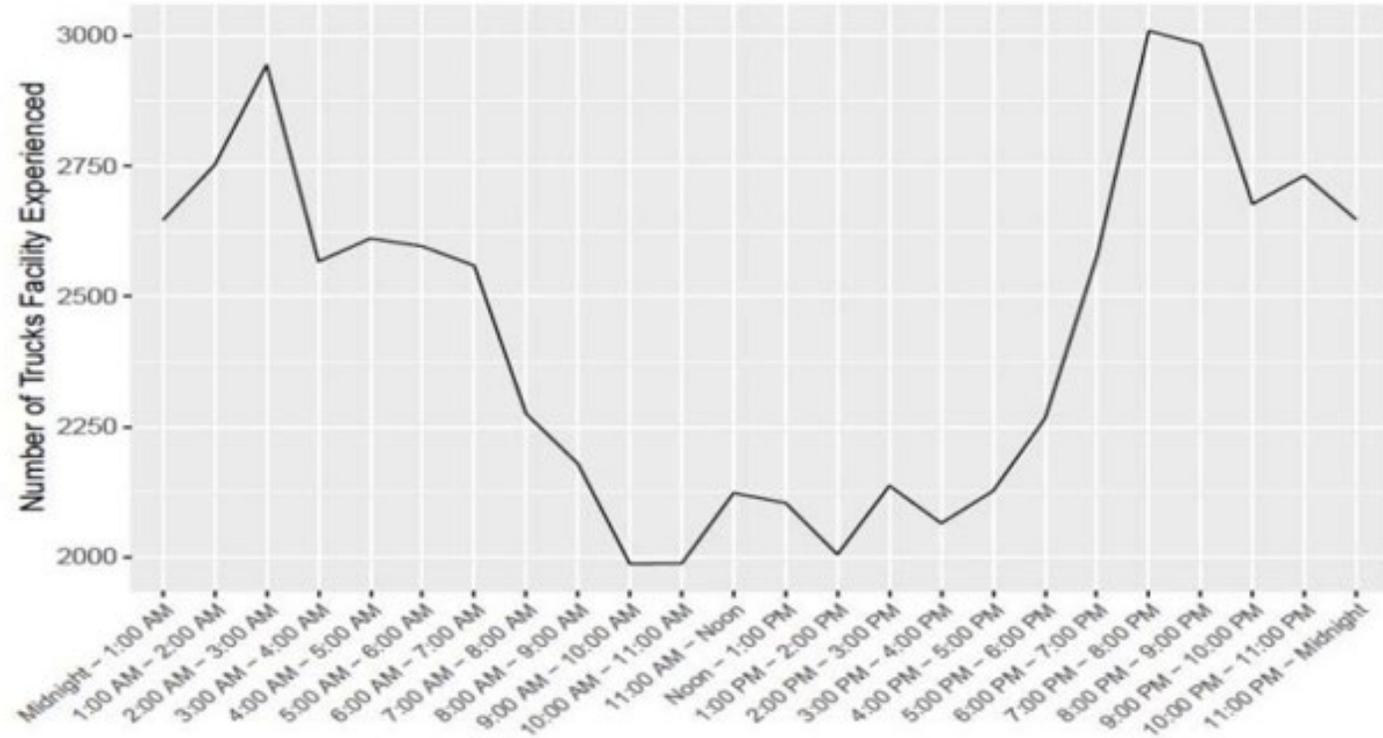
*Confirmed to allow overnight truck parking



NC Truck Parking Demand (2017)

Top truck parking locations per hour of day

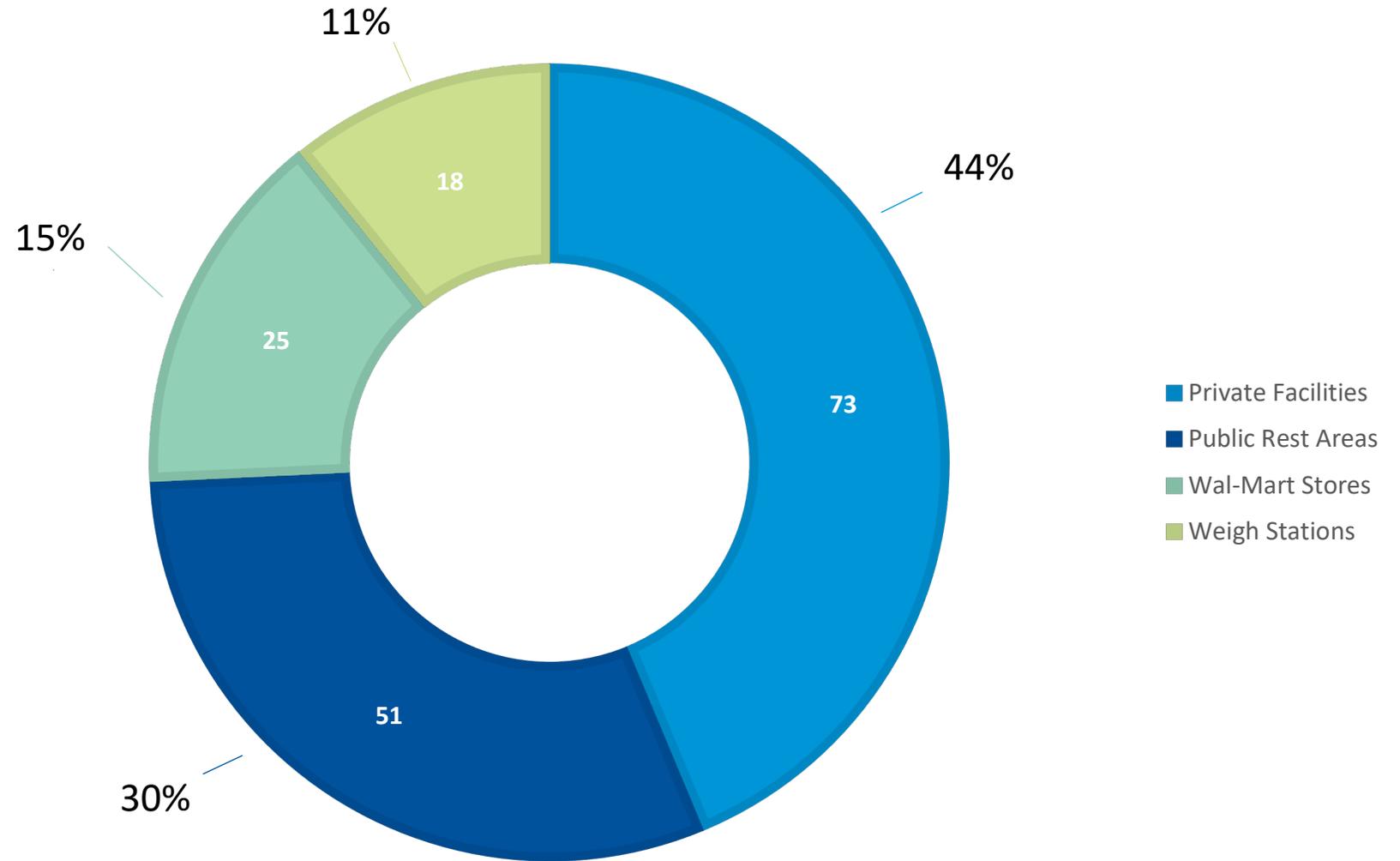
Highest total demand at designated sites is from 7-8 p.m. with a close second around 2-3 a.m.



NC Truck Parking Demand (2017)

NC Truck Parking Facilities by type

- 73 Private Facilities
- 51 Public Rest Areas
- 25 Wal-Mart Stores
- 18 Weight Stations
- **167 Total Truck Parking Facilities providing nearly 4,800 parking spaces**



Survey Question

7. Are there any new truck parking locations that have come online since the 2017/2020 Truck Parking Plan? If so, where are they located.

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Survey Question

8. What and where are truck parking needs and challenges?

Website: [Publicinput.com/FAC22](https://publicinput.com/FAC22)

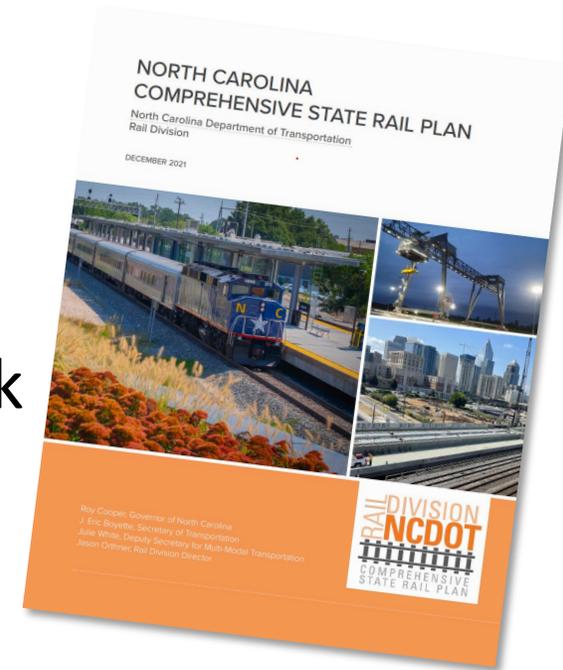
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North Carolina Rail

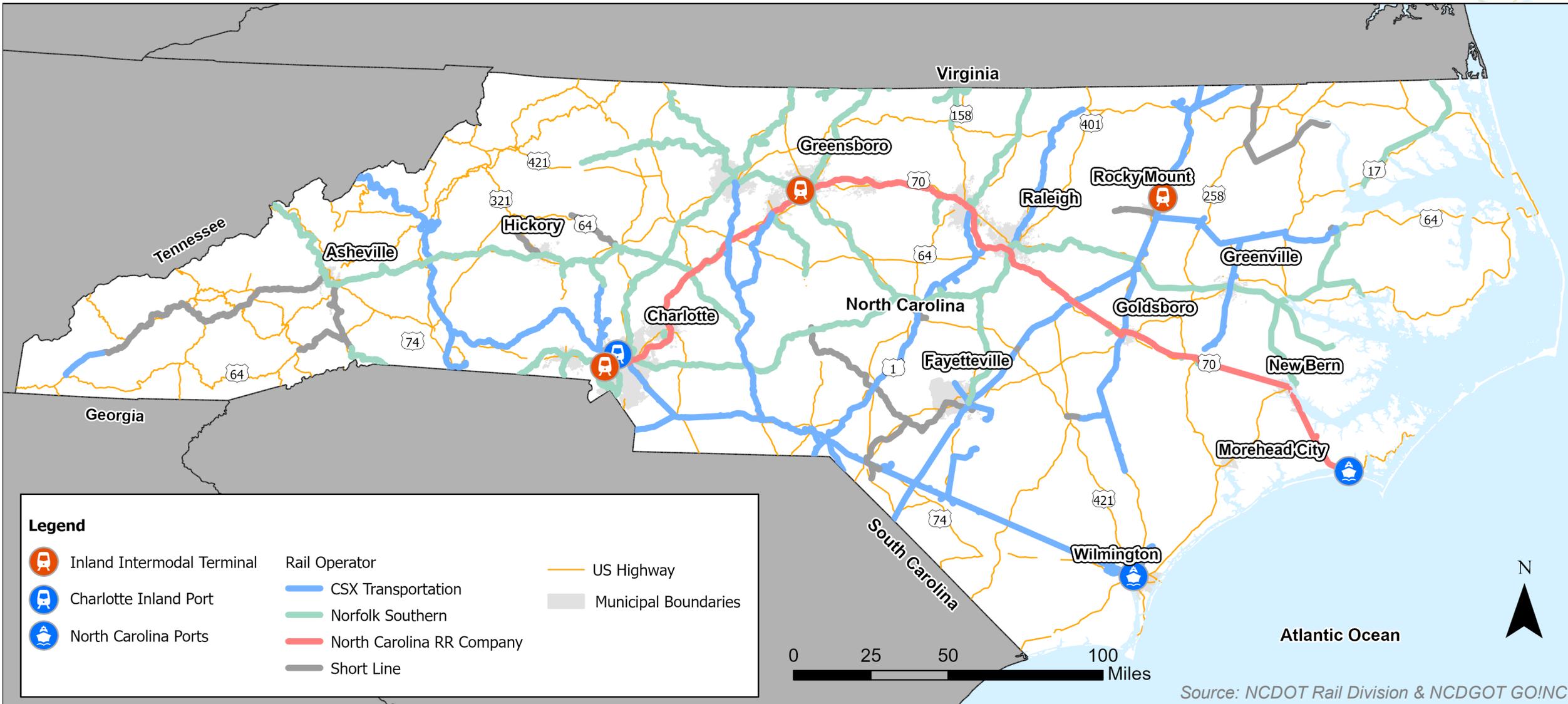
Freight Rail Network goals and objectives based on the 2021 Draft State Rail Plan

- Provide Access to Freight Rail Users
- Improve Rail Safety
- Enhance the Resiliency of Rail Infrastructure
- Corridor-Level Approach for the Benefit of Entire Network
- Realize Economic Opportunities by Supporting Existing and Potential Rail-Served Markets, Industries, and Businesses



NC Freight Rail Network

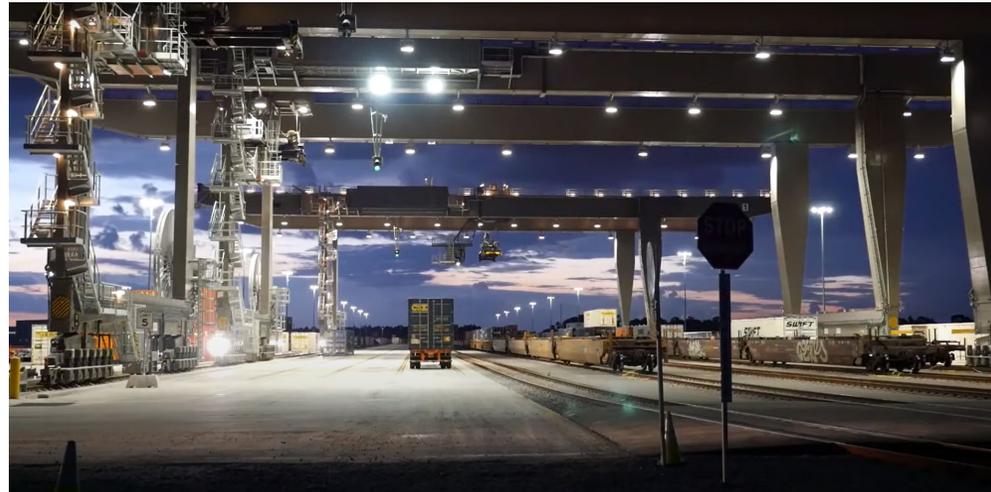
NORTH CAROLINA Statewide Multimodal Freight Plan



Source: NCDOT Rail Division & NCDGOT GO!NC

North Carolina Intermodal Rail Terminals

- Carolina Connector Intermodal Terminal (Rocky Mount, NC)
 - Opened November 2021
 - 330 Acre Site
 - CSX Intermodal Service
 - Five miles off I-95 and 60 miles NE of Raleigh
 - Three fully automated zero-emission electric RMG cranes
 - Completely automated terminal
 - Wilmington Midwest Express



North Carolina Intermodal Rail Terminals

Greensboro Terminal

- 50-acre site
- Norfolk Southern Intermodal Service
- 24-hour-a-day availability
- Located near I-85
- Container yard adjacent to the ramp
- Neutral chassis pool
- Has top and bottom lift capabilities
- Target Market: furniture, lumber, paper, chemical, tobacco, etc.



Provide Access to Freight Rail Users

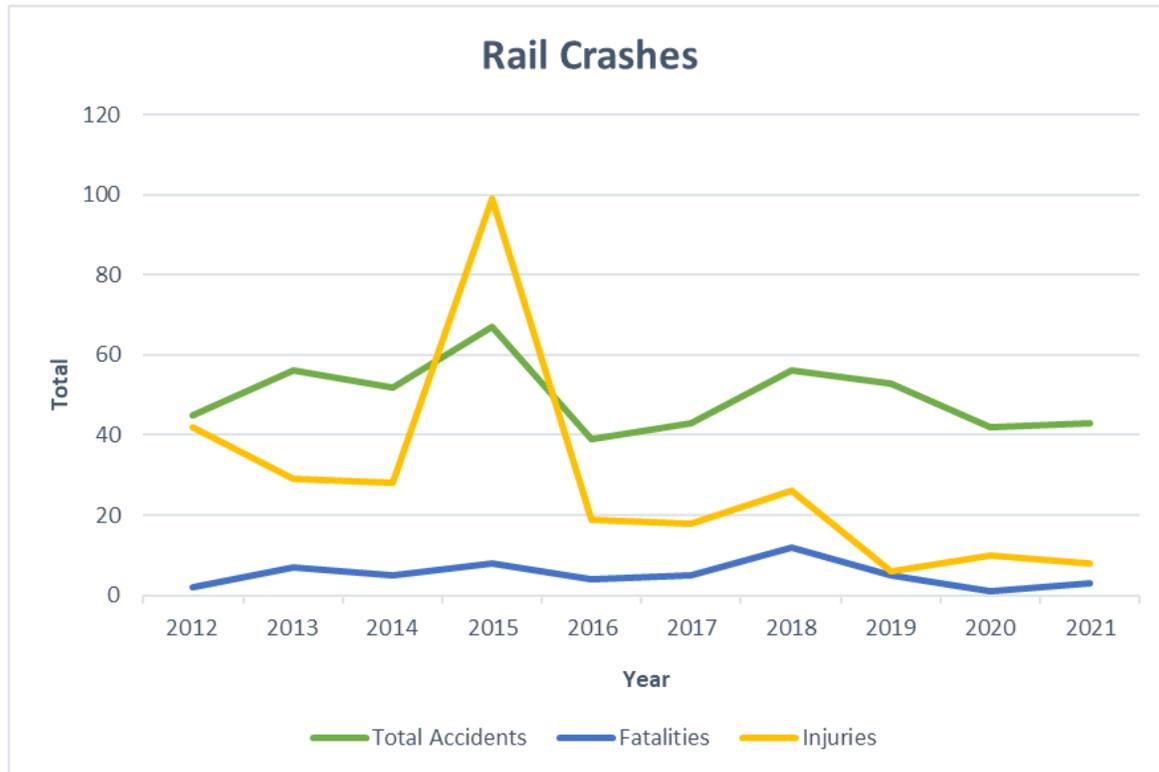
- Improve Road and Rail Connections at Freight Rail Facilities and Port Terminals
 - Intermodal Terminal Access Improvements
 - Short Line Access to Class I Network
- Expand and Improve On-Dock Rail Service
 - Improvements to Intermodal facilities and capabilities
 - Expansion of port terminal capacity and capabilities
 - Moving cargo to inland ports



NC's intermodal facility – the CCX, opened in 2021

Improving Rail Safety At-Grade Crossings

Highway-Rail Incidents	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Total
Total Accidents	45	56	52	67	39	43	56	53	42	35	488
Fatalities	2	7	5	8	4	5	12	5	1	3	52
Injuries	42	29	28	99	19	18	26	6	10	8	285



- Mortality rate has improved 75% since 2018 to present (2021)
- Safety Improvements
 - Warning devices, rehabilitation, adoption of channelization
- Funding
 - NCDOT & FRRCSI SIAP, Section 130, and STI Program

Enhance the Resiliency of Rail Infrastructure

- Network Redundancy:
Reestablishment of the S-Line
- Military Readiness of Rail

Corridor-Level Approach

- Complementary Highway Improvements
- Advancing the Southeast Corridor

- Promote Rail-Supportive and Rail-Compatible Uses
 - Megasites and Rail-Served Sites
 - Global TransPark (GTP) Improvements
- Acquire and Preserve Under-Utilized Freight Rail Corridors
- Leverage Public-Private Partnerships
 - Class I Investments
 - Short Line Investments

Survey Question

9. Which of the following needs or challenges are most important to you?

- Availability of direct rail service
- Cost of railroad service
- Infrastructure needs
- Intermodal bulk and container transfer facilities
- Multimodal Public and Private Partnerships
- Other, please specify

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North Carolina Air Cargo

NC Top Air Cargo Commodities

- The top 5 in both tonnage and value are Pharmaceuticals, Machinery, Electronics, and Plastics/ Rubber
- Textiles/Leather are in top 5 in tonnage
- Precision instruments are in the top 5 in value

Commodity by Tonnage	Total Tons (Thousands)	% of Total
Machinery	54,960	19%
Electronics	37,550	13%
Textiles/Leather	33,232	12%
Pharmaceuticals	17,325	6%
Plastics/Rubber	15,936	6%
Commodity by Value	Total Value (Millions)	% of Total
Pharmaceuticals	5,268	21%
Electronics	4,963	20%
Machinery	4,335	18%
Precision Instruments	1,884	8%
Plastics/Rubber	1,124	5%

NC Air Cargo Top 10 Trade Partners



7 domestic destinations

3 international destinations

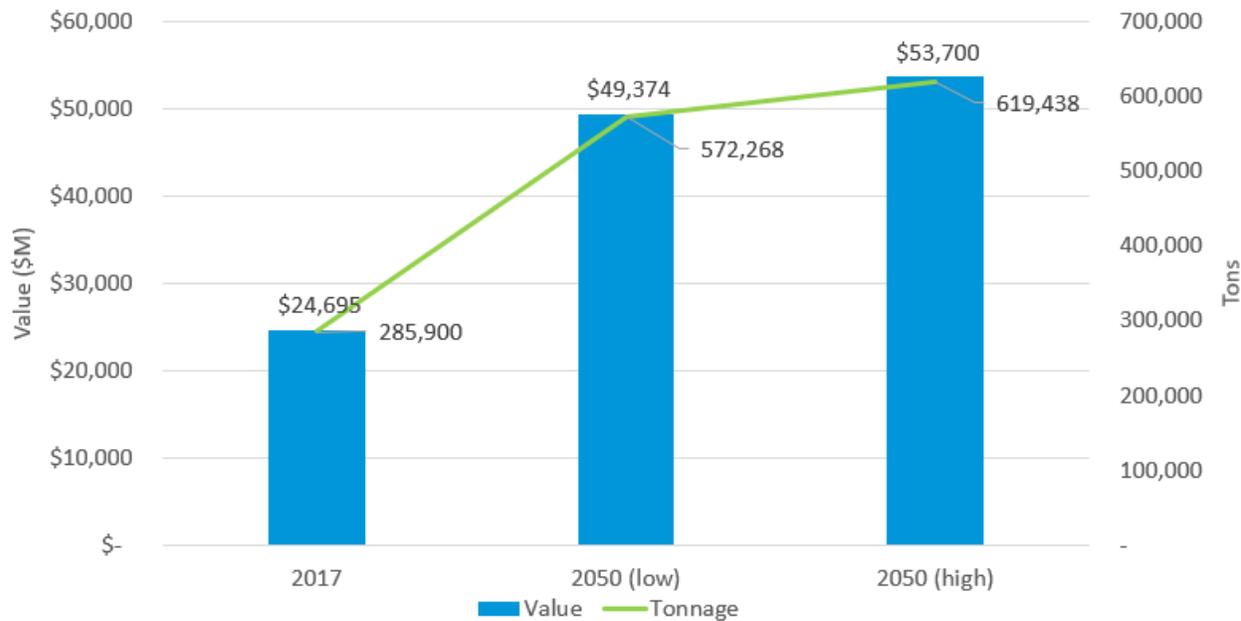
- London, Munich, Frankfurt

Airport	City	Total Tons (Thousands)	%
Memphis International	Memphis, TN	76,471	30%
Louisville International-Standiford Field	Louisville, KY	32,357	13%
Cincinnati/Northern Kentucky International	Cincinnati, OH	22,121	9%
Indianapolis International	Indianapolis, IN	18,744	7%
Philadelphia International	Philadelphia, PA	13,746	5%
London Heathrow	London, United Kingdom	8,260	3%
Munich Airport	Munich, Germany	7,234	3%
Hartsfield-Jackson Atlanta International	Atlanta, GA	7,133	3%
Ontario International	Ontario, CA	5,494	2%
Frankfurt Main	Frankfurt, Germany	3,862	2%
Other	-	-	23%

NC Air Cargo Trends

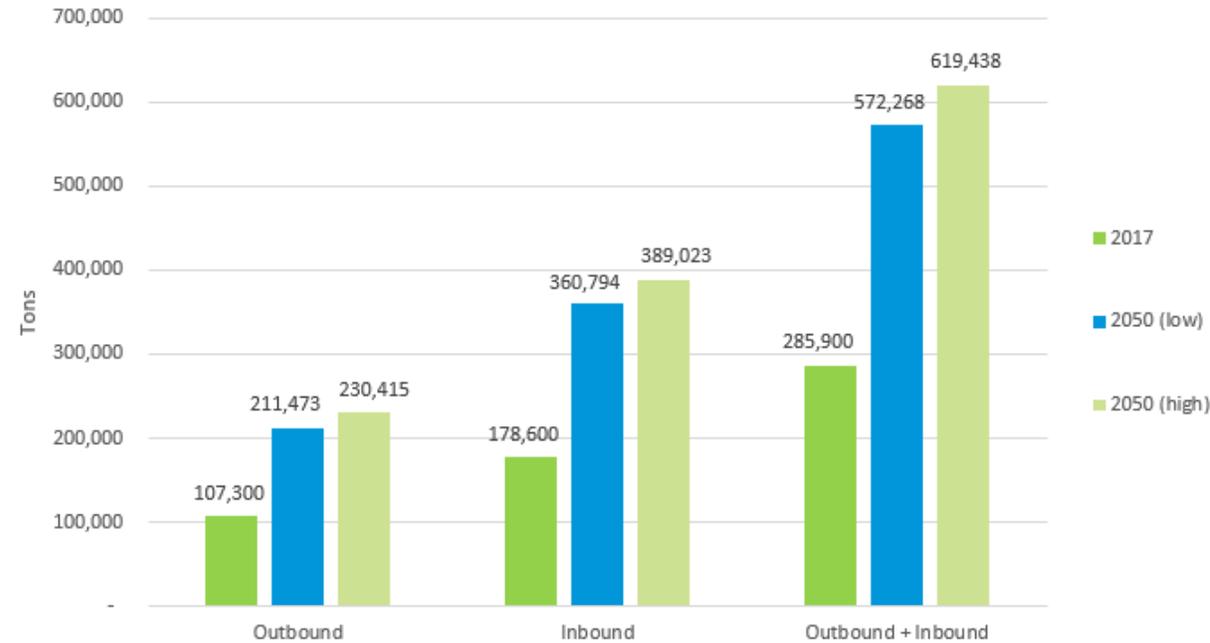
Air Cargo close to doubling from 2017 to 2050 in value and tonnage

Value and Tonnage for 2017 & 2050 Growth Scenarios



Similar growth for inbound and outbound tonnage

Inbound and Outbound Tonnage for 2017 & 2050 Growth Scenarios



Survey Question

10. Which of the following air cargo needs or challenges are most important to you?

- Availability of air cargo service
- Cost of air cargo service
- Timeliness of air cargo service
- Improving air cargo infrastructure
- Adding more air cargo capacity
- Multimodal connectivity between the airport and rail, ports or highways
- Other, please specify

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North Carolina Ports

2021 NC State Port Authority (NCSPA) Strategic Plan Core Values and Pillars

NORTH CAROLINA *Statewide Multimodal Freight Plan*

NCSPA Core Values:

- Safety, People, Integrity, Service

NCSPA Core Pillars:

- Growth of Cargo Volumes
- Expand Global Coverage of Vessel Services
- Engage and Support State-wide Economic Development Projects
- Develop the Talent Pipeline



NC Seaports Profile & Other Modal Hubs

Ports Facilities:

- Wilmington
- Morehead City
- Charlotte Inland Port

Class I Railroads:

- CSX
- Norfolk Southern

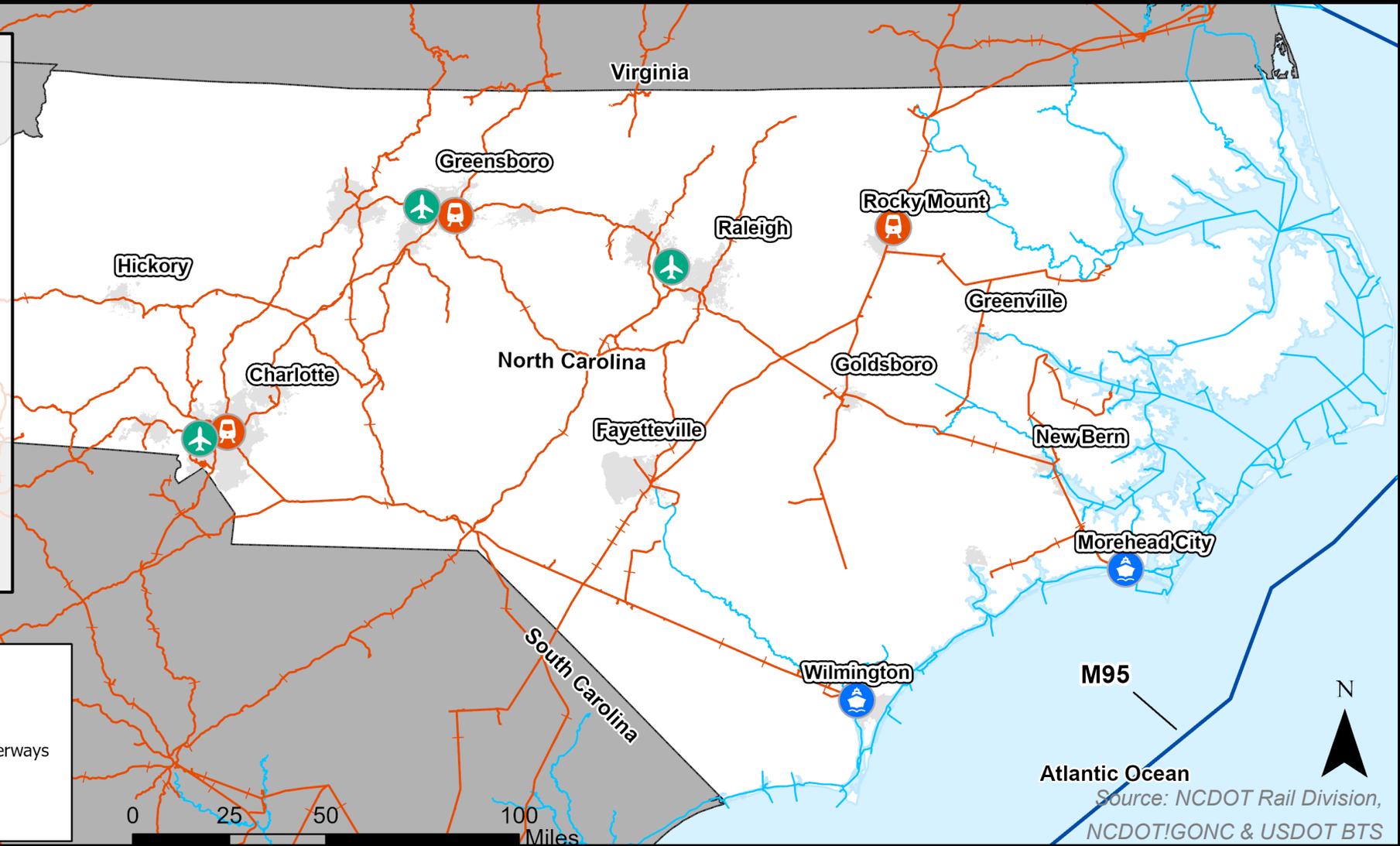
International Airports:

- Charlotte-Douglas
- Raleigh-Durham
- Piedmont-Triad

Legend

- | | |
|---|--|
|  Primary Airports |  Railways |
|  Inland Intermodal Terminal |  Inland and Coastal Waterways |
|  Major Ports |  Marine Highways |

0 25 50 100 Miles



Source: NCDOT Rail Division, NCDOT!GONC & USDOT BTS

Port of Wilmington

Key Characteristics

Key Advantages:

- Port Terminal provides container, bulk, and breakbulk
- 284 Acre Facility
- Navigation Channel 42 ft (12.8M) + 4 ft tidal
- Accommodating 1,200+ft Length Overall (LOA) and 158 ft Beam (Wide) vessels
- Channel Deepening to 47 ft
- Air Draft Clearance to 212 ft (64.6M)
- One million sq. ft. of covered storage
- 125 Acres of Open Storage
- Seven container cranes
- 760 Reefer Plugs
- On dock rail and Intermodal service
- Class I rail access provided by CSX
- NC Ports Employee Operated Terminal

Port of Morehead City Key Characteristics

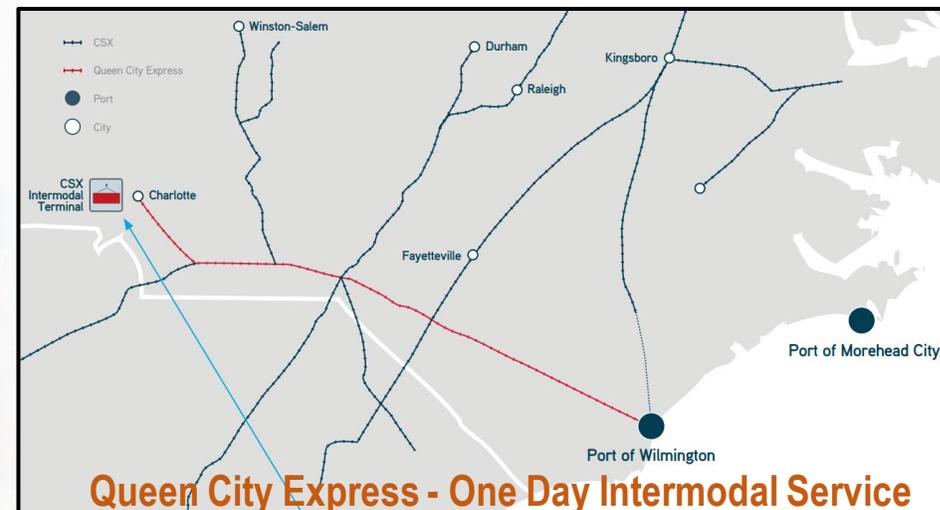
Key Advantages:

- Port Terminal provides bulk, breakbulk, and Ro/Ro
- 128 Acres Terminal
- 150 Acres at Radio Island Terminal
- Navigation Channel 45 ft. deep
- 9 berths with 5,366 linear ft of bulkhead or wharf frontage
- More than 1 million sq. ft. of storage space
- Rail service provided by Norfolk Southern Railway
- On-Dock Rail Service
- Class 1 Rail provided by Norfolk Southern (NS)
- Within 700 miles of more than 70 % percent of the industrial base of the United States

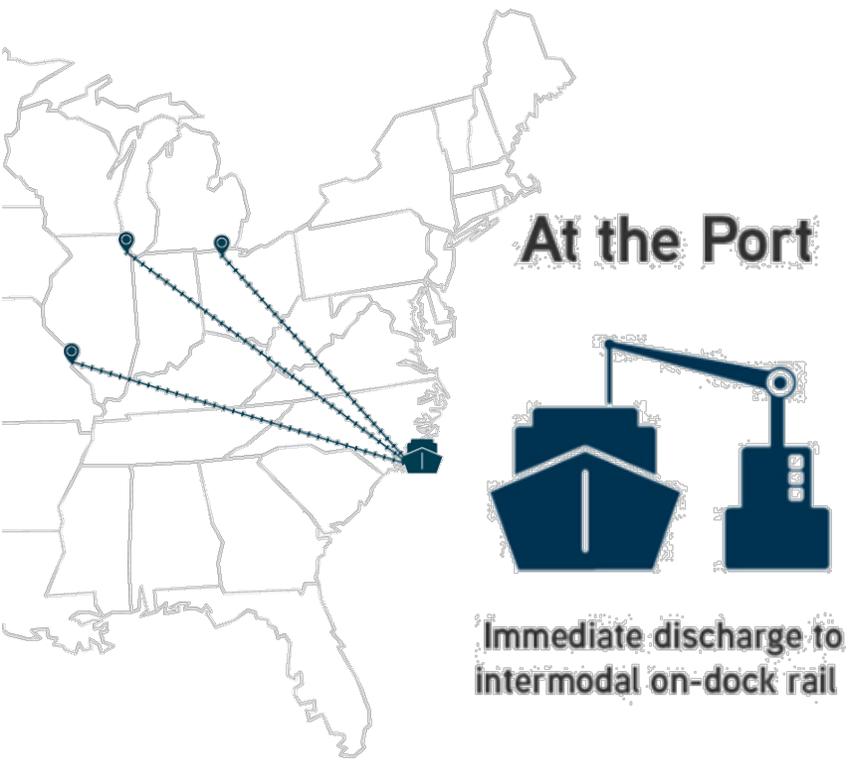
Charlotte Inland Rail Terminal Key Characteristics

Key Advantages:

- 20 Acres Terminal
- Accommodates 2,000 Grounded/Wheeled Containers.
- Serves as a staging area for empty and loaded containers with 24/7 access potential
- Serves I-85 and i-77 Corridors
- Onsite maintenance and repair services
- Shortens first and last mile truck transit
- Provides access to the southeastern United States
- Reduces the number of trucks on roadways

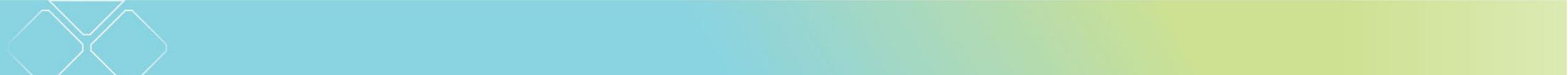


Wilmington Midwest Express (CCX)



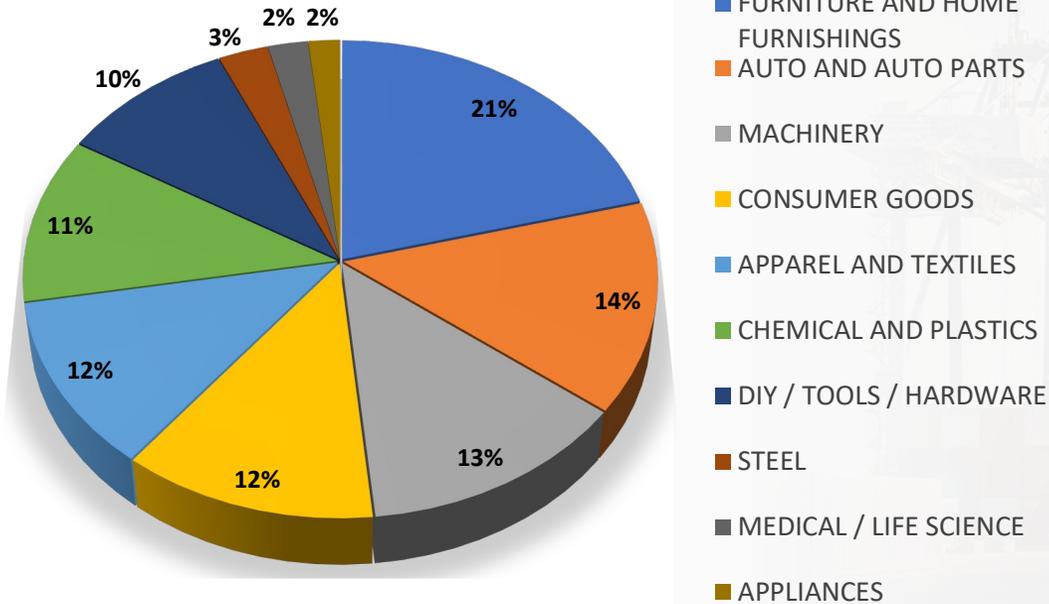
Imports: 5 days to CHI and NW Ohio, 7 days to STL
Exports: 4 days from CHI and NW Ohio, 6 days from STL

- Operated by CSX
- Competitive rates
- Efficient on-pot operation
- No rail dwell times
- The fastest ship-to-rail service on the East Coast

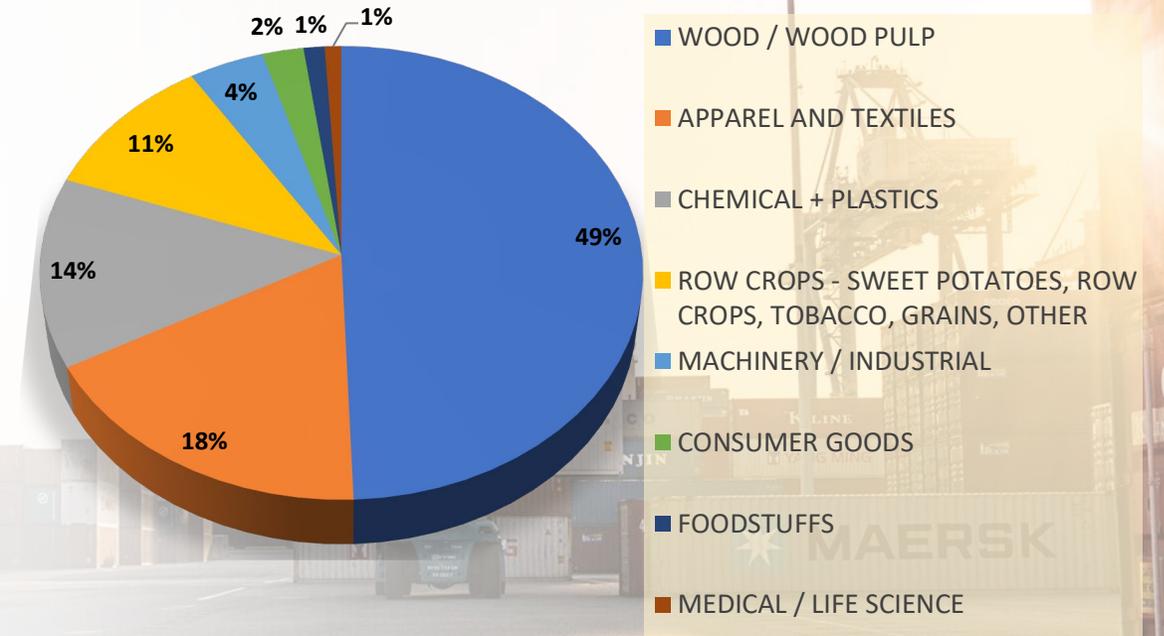


NC Ports Authority – Top Containerized Commodities (Imports and Exports)

Import Commodity by Container



Export Commodity by Container



Import TEUs = 150,374

Export TEUs = 145,901

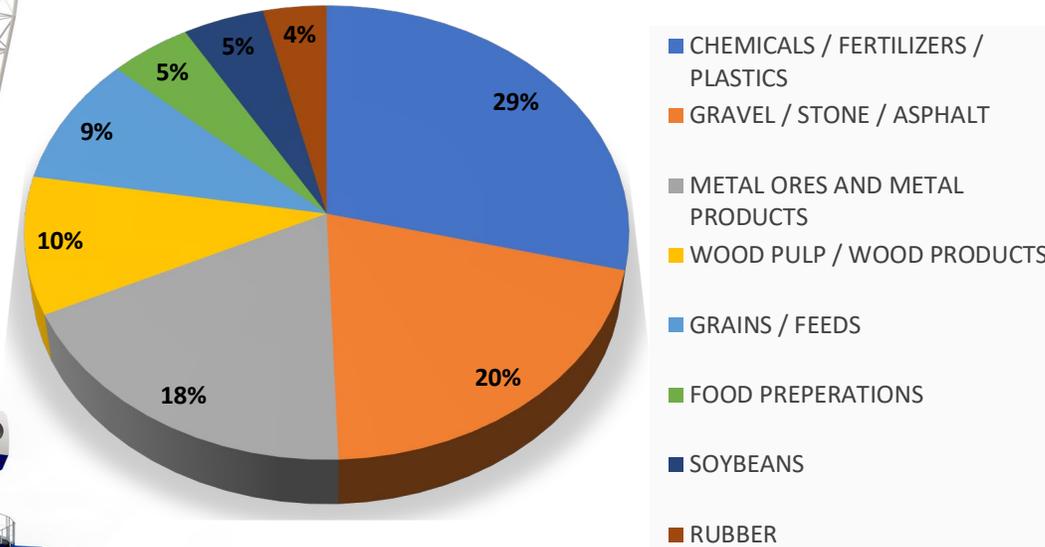
Total FY20/21 TEUs = 296,275

❖ Total Annual 2021 (Dec – Jan) was **307,511** and Terminal Total Capacity Now 1,200,000

❖ For reference purposes, on 1st November 2019, the Terminal Throughput and Terminal General Cargo Tonnage provided by Customer was **395,000 TEUs** and **627,000 tons**, respectively.

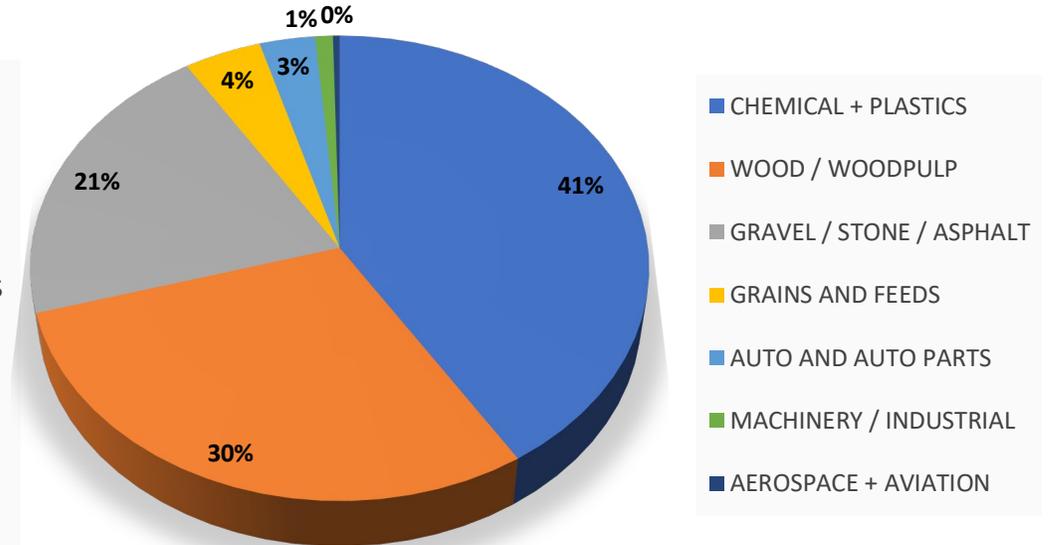
NC Ports Authority – Top Breakbulk/Bulk Commodities (Imports and Exports)

Import Breakbulk/Bulk Commodities by Metric Tons



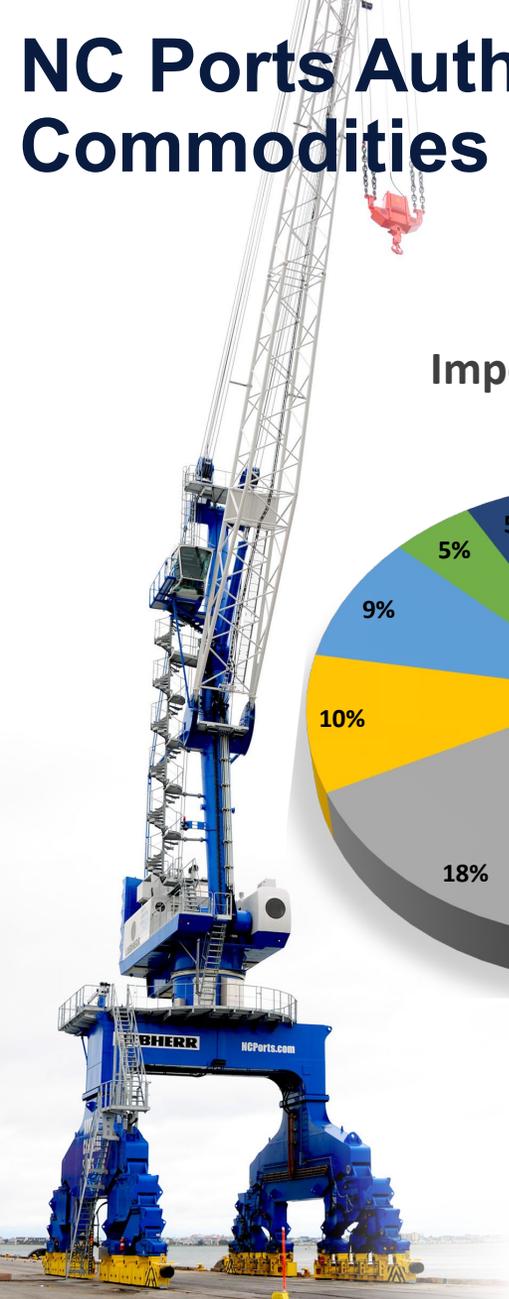
Import Tons = 3,422,617

Export Breakbulk/Bulk Commodity by Metric Tons



Export Tons = 228,812

Total FY21 Tons = 3,651,008



Top Global Trading Regions

International Origin Regions of Waterborne Imports to North Carolina (2017 and 2020, by tonnage)

Imported to North Carolina via Out of State Ports

1. Rest of Americas
2. Canada
3. Eastern Asia
4. Europe
5. SW & Central Asia
6. SE Asia & Oceania
7. Mexico
8. Africa

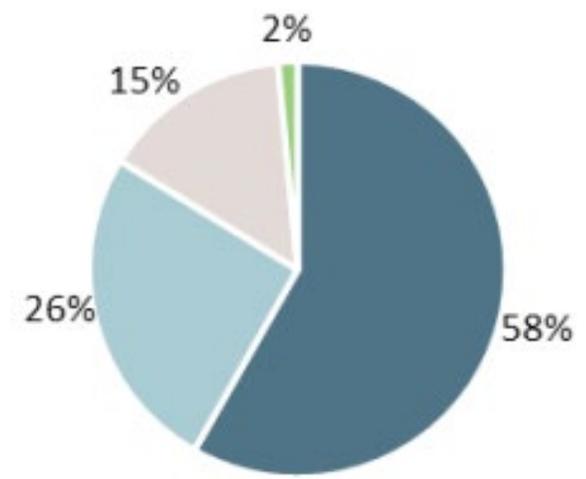
Imported through North Carolina Ports

1. Europe
2. Rest of Americas
3. SW & Central Asia
4. Eastern Asia
5. SE Asia & Oceania
6. Africa
7. Canada
8. Mexico

Source: FAF 5



NC Ports FY22 Trade Analysis



■ TransPacific ■ TransAtlantic ■ North/South ■ Other

***NC Ports has an additional new service that is not included in the table**

Top 2017 Waterborne Commodities Imported to North Carolina

Imports	Total Tons in 2017	Total Tons in 2050	CAGR
Basic Chemicals	701,258	976,513	1.0%
Fertilizers	606,246	2,027,471	3.7%
Base Metals	533,460	851,18	1.4%
Cereal Grains	270,752	596,855	2.4%
Plastics/Rubber	219,972	478,008	2.4%
Nonmetallic Minerals	151,737	412,082	3.1%
Articles-Base Metal	140,077	220,357	1.4%
Fuel Oils	114,622	68,581	-1.5%
Gravel	108,676	260,179	2.7%
Machinery	101,731	267,913	3.0%
Overall Total	3,515,606	7,433,387	2.3%

*Note: Calculated Average Growth Rate or CAGR is calculated based on 2017 and 2050

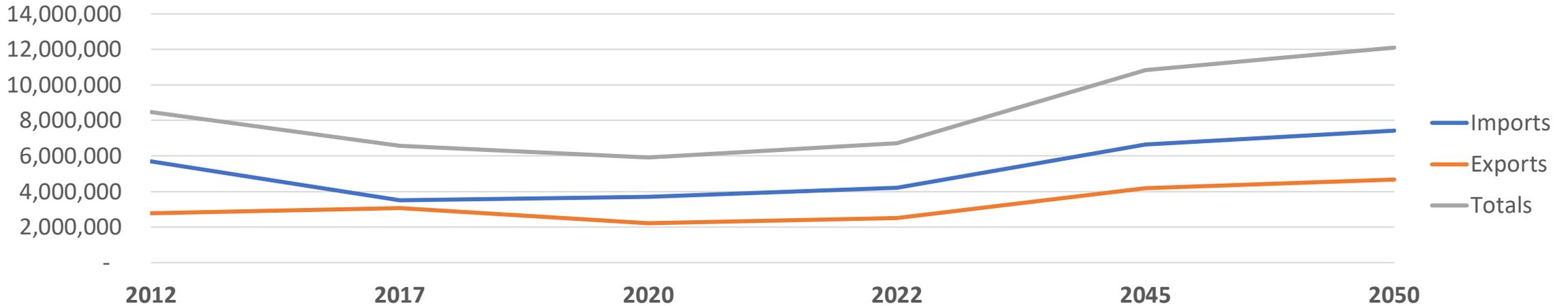
NC Statewide Maritime Trade Commodities – 2017 Top Exports

Exports	Total Tons in 2017	Total Tons in 2050	CAGR
Wood Products	1,036,874	1,779,139	1.6%
Fertilizers	528,915	475,123	-0.3%
Newsprint/Paper	445,965	845,828	2.0%
Logs	351,588	486,558	1.0%
Textiles/Leather	111,754	187,263	1.6%
Waste/Scrap	90,662	67,847	-0.9%
Agricultural Products	86,929	92,432	0.2%
Meat/Seafood	80,419	29,197	-3.0%
Fuel Oils	60,349	72,633	0.6%
Plastics/Rubber	55,641	219,886	4.3%
Overall Total	3,075,937	4,668,767	1.3%

*Note: Calculated Average Growth Rate or CAGR is calculated based on 2017 and 2050

Waterborne Imports and Exports in North Carolina, 2012-2050

Direction	2012	2017	2020	2022	2045	2050	CAGR (2050/2017)
Imports	5,697,933	3,506,751	3,693,020	4,209,096	6,645,903	7,433,388	2.30%
Exports	2,779,226	3,075,937	2,213,841	2,510,599	4,180,544	4,668,767	1.27%
Totals	8,477,160	6,582,688	5,906,861	6,719,694	10,826,447	12,102,155	1.83%



Share of NC Destined Products From Out of State Ports

States	Imports Destined for NC via	Exports from NC via
North Carolina	18%	80%*
South Carolina	19%	7%
Florida	28%	5%
Virginia	9%	2%
West Virginia	0%	1%
Kentucky	0%	.9%

*From 2012 FAF4 Analysis to FAF5 2020 Exports out of NC Ports versus neighboring Port increased from 0% to close to 80% - Additional Analysis to confirm this increase may be considered

Survey Question

11. What port needs or challenges are most important to you?

- Port waterway related projects
- Port roadway or highway connectors
- Port railroad related connection or projects
- Funding and grant programs
- Cargo distribution
- Freight related technologies
- Other, please specify

Website: Publicinput.com/FAC22

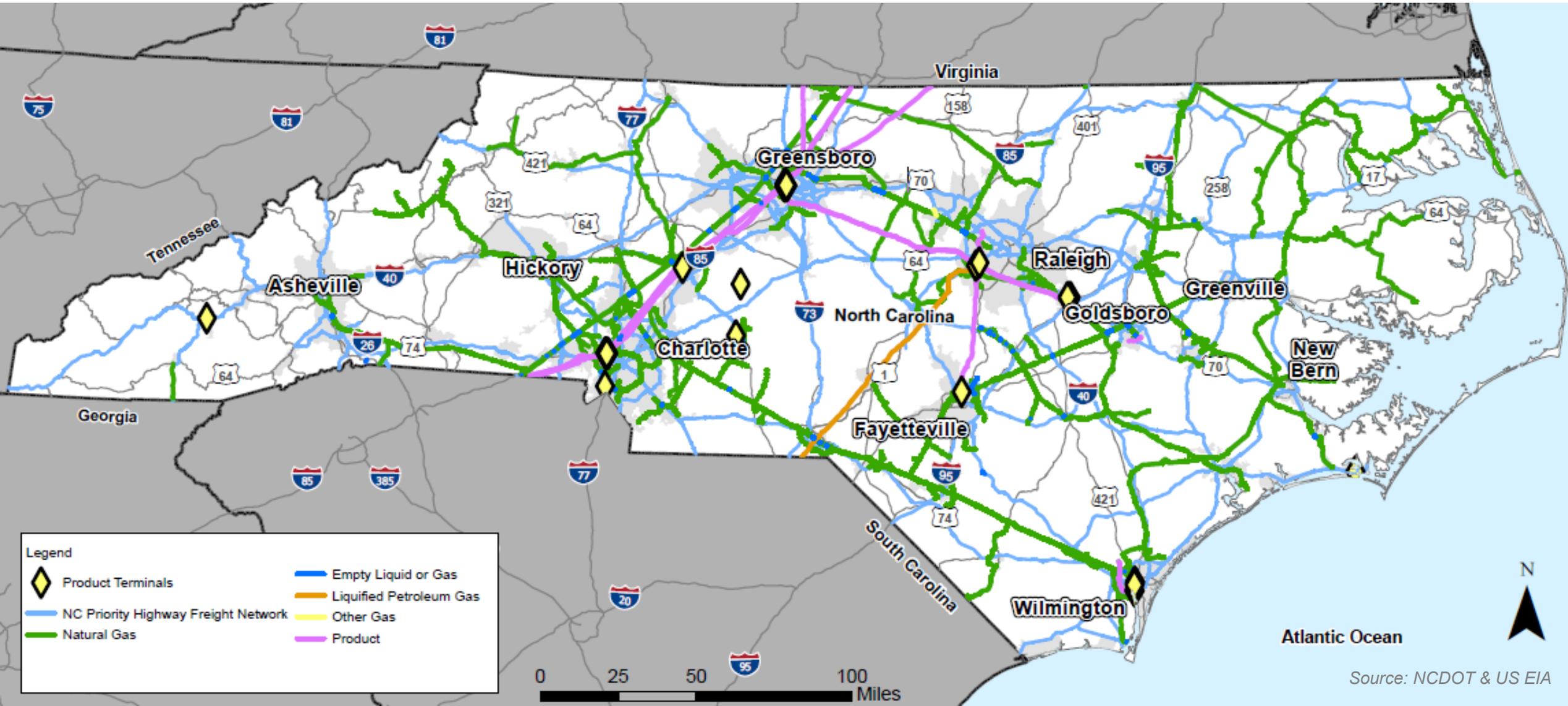
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North Carolina Hazardous Materials

NC Pipelines

Natural gas is the primary commodity transported



Survey Question

12. What pipeline cargo needs or challenges are most important to you?

- Permitting processes
- Regulatory
- Funding programs
- State government support
- Federal government support
- Other, please specify

Website: [Publicinput.com/FAC22](https://publicinput.com/FAC22)

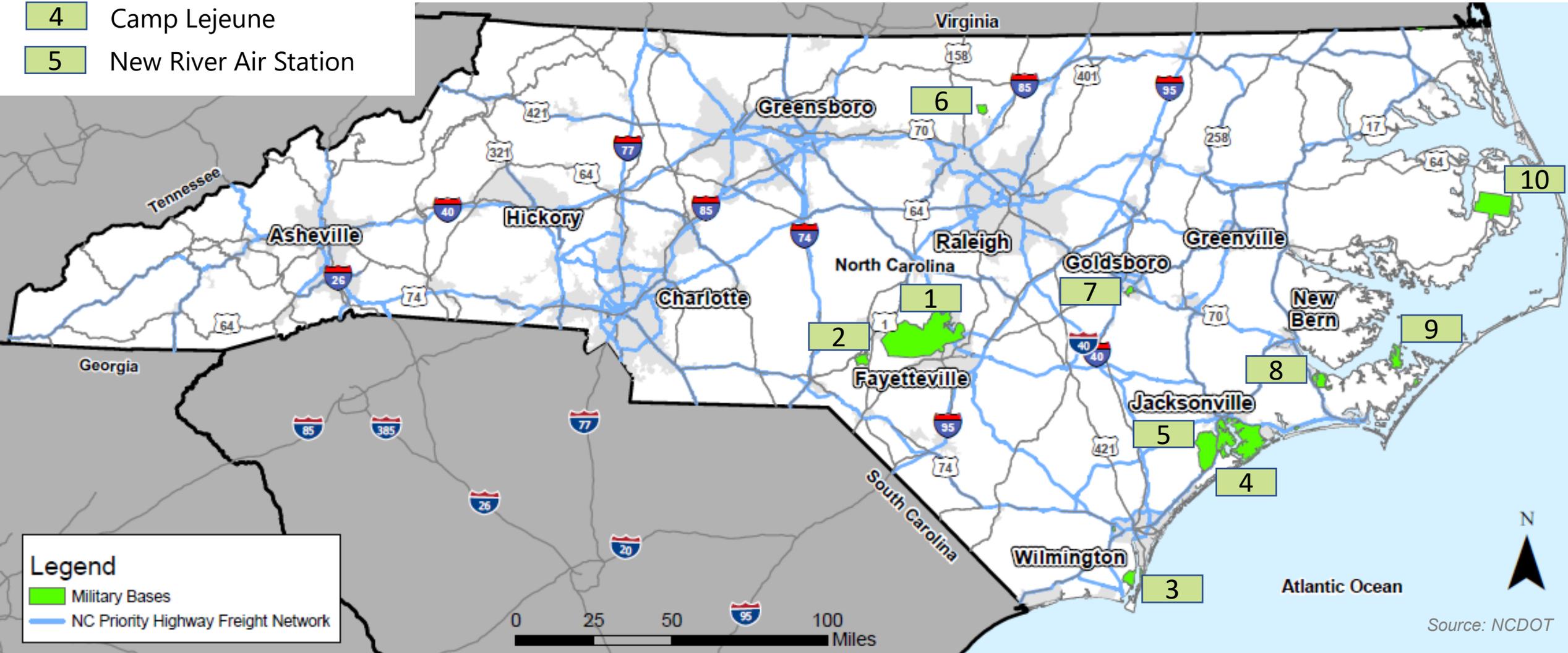
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North Carolina Military

NC Military Base Locations

- | | | | | | |
|---|-----------------------|---|--------------------------------|----|-----------------------|
| 1 | Fort Bragg | 6 | Camp Butner | | |
| 2 | Camp MacKall | 7 | Seymore Johnson Air Force Base | 9 | Point of Marsh Target |
| 3 | Military Sunny Point | 8 | Cherry Point | 10 | Dare County Range |
| 4 | Camp Lejeune | | | | |
| 5 | New River Air Station | | | | |



Source: NCDOT



**NORTH CAROLINA
FREIGHT PLAN**
MOVING THE FUTURE FORWARD

Next Steps

Schedule and Next Steps

Task	2021		2022											
	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Notice to Proceed	█													
Kickoff Meeting		★												
State Freight Network Assessment		█	█	█	█	█								
Stakeholder Meetings			█	█	█	█								
Freight Advisory Committee					★									
Supply Chain and Logistics Profile			█	█	█	█								
Freight Advisory Committee						★								
Review of Analysis Results; Development of Goals					█	█	█	█						
Freight Advisory Committee								★						
Development of Strategies and Prioritization to Achieve Goals							█	█						
Truck Parking Study Update					█	█	█	█						
Draft Report									█					
FHWA Review 1									█	█				
Public Comment Period									█	█				
Board of Transportation Review									█	█				
Finalize Document										█	█			
Board of Transportation Adoption											█			
FHWA Review 2											█	█		
FHWA Approval												█		
Training													█	

Next Steps

- Stakeholder Engagement
- Needs Assessment
- Goal Strategies and Prioritization
- Truck Parking Update
- June FAC Meeting

★ Meeting



Any Other Questions or Comments?

Thank You!

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