



# FREIGHT TRANSPORTATION: THE NORTH CAROLINA ECONOMY IN MOTION

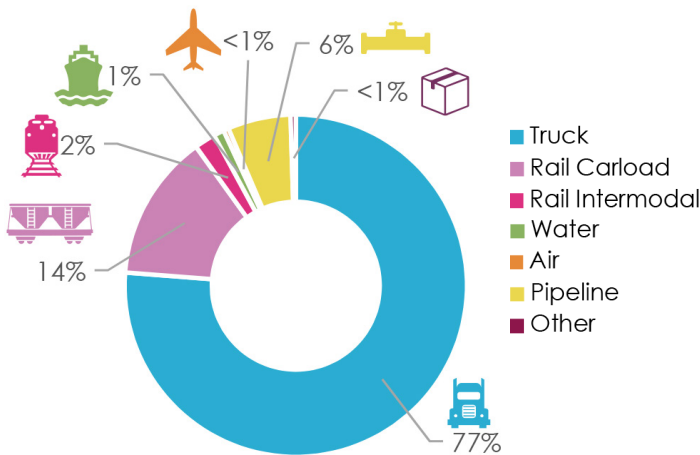
North Carolina's freight system plays a critical role every day for every resident and business – delivering goods to the State's businesses and residents, keeping the manufacturing plants operating, the store shelves stocked, the medicine flowing at area medical facilities, and food on the table.

Freight transportation supports jobs throughout the State's economy, including in all of North Carolina's key exporting industries.

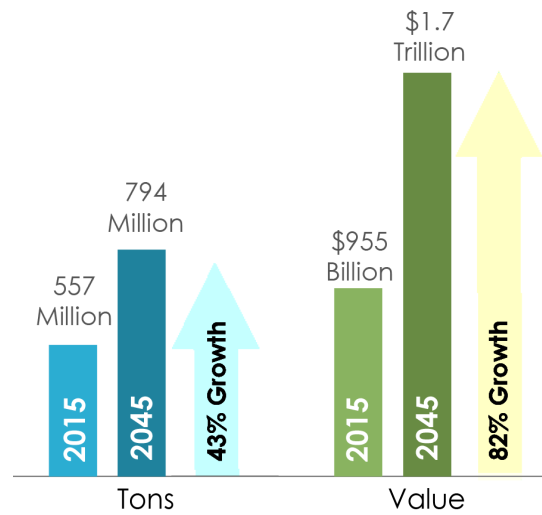
	Jobs	Labor Income	Gross State Product
Direct	236,586	\$11.3	\$33.1
Indirect + Induced	202,663	\$10.2	\$30.9
<b>Total</b>	<b>439,249</b>	<b>\$21.5</b>	<b>\$64.0</b>

Note: Dollar values in 2015 billions.

*It takes a multimodal freight system to meet today's demands*



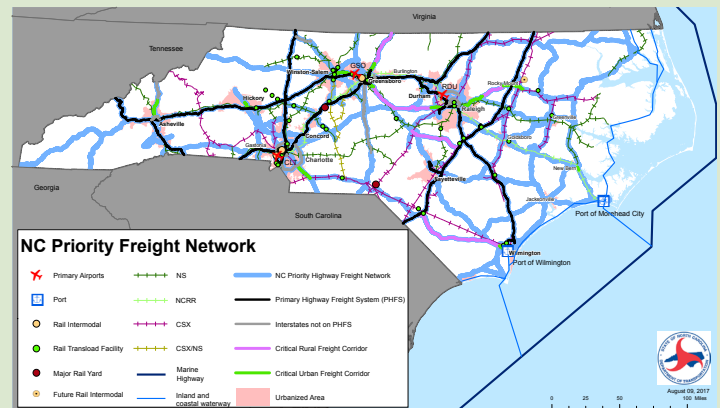
*As population grows, so will the demand for goods moved on the State's transportation network*



## The North Carolina Priority Freight Network (NCPFN) –

the State's freight assets that are most critical to freight transportation includes:

- 4,220 highways miles
- 2 Class I railroads with 2,300 route miles
- 2 seaports
- 3 airports
- 3 intermodal terminals and 1 future terminal
- 2 major rail yards
- 55 Rail transload facilities

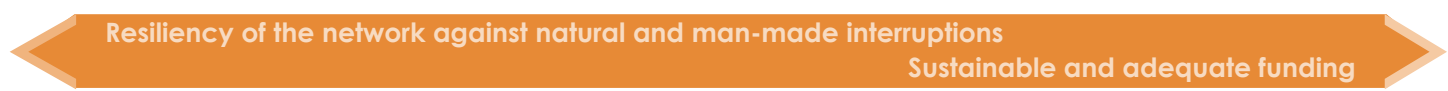


The Priority Highway Freight Network was designated through a systematic process that used metrics measuring economic activity, goods movement, market access and connectivity, and support to key industries' supply chains.

# INVESTING IN THE FUTURE OF NORTH CAROLINA

North Carolina has a tremendous opportunity to leverage its well-connected network of highways, rail, ports, and airports to meet the demands of increasingly competitive global marketplace.

Highway	Rail	Maritime	Air Cargo
<ul style="list-style-type: none"> <li>Enhance mobility and reliability</li> <li>Maintain and enhance bridges and pavements</li> <li>Mitigate crash hotspots</li> <li>Implement truck parking strategies</li> <li>Enhance two-lane rural freight routes</li> <li>Improve operations through technology</li> </ul>	<ul style="list-style-type: none"> <li>Maintain and improve track conditions</li> <li>Improve safety and grade crossing elimination</li> <li>Plan for increased passenger rail demand</li> <li>Invest in new and expanded transload and intermodal facilities</li> <li>Maintain shortline support programs</li> </ul>	<ul style="list-style-type: none"> <li>Support for "inside the gate" improvements such as new cranes, dredging and widening, and new land development</li> <li>Grade crossing eliminations on port access routes</li> <li>Address rail bridges and clearance issues</li> <li>Ensure safe, reliable, and efficient roadway access and connectivity to the ports</li> </ul>	<ul style="list-style-type: none"> <li>Ensure safe, reliable, and efficient roadway access and connectivity to the airports</li> <li>Support industrial development in and around the airport facilities</li> <li>Support "inside the gate" investments such as additional and longer runways and expanded air cargo handling facilities</li> </ul>



The North Carolina Freight Network is one of the State's most important economic assets. To continue to compete in a global economy, the State must ensure sufficient investment to **Protect**, **Enhance**, and **Grow** freight transportation assets and opportunities. **Protect** the assets and the businesses that depend on them by ensuring a state of good repair; **Enhance** the assets by addressing congestion, safety, and modernization needs; and **Grow** the assets by investing in critical new facilities and programs necessary to meet the rapidly expanding and changing needs of manufacturers, logistics providers, and consumers.



## Protect

- Maintain reliable connections to freight generators, including ports, airports, and rail terminals
- Share the road program
- Address congestion hot spots on NCPHFN
- Invest in incident clearance on the NCPHFN
- Pursue resiliency planning and mitigation strategies against increasing weather events

## Enhance

- Invest in modernizing the interstates
- Invest in heavy haul corridors around ports and major logistics terminals
- Implement recommendations of the truck parking study
- Develop digital backbone to deploy technology to leverage real-time travel and truck parking data aimed at the freight industry
- Integrate freight into STI process

## Grow – Transformative Strategies to Shape North Carolina's Future

### The Central Coast Gateway Concept

The Central Coast Gateway Strategy would be guided by a shared vision. It would be comprised of a set of key policies and programs, infrastructure investments and partnerships necessary to plan and implement the strategy.

Invest in world-class transportation system

Ensure attractive investment climate

Develop key partnerships

### Next Gen Truck Technology

North Carolina is a leader in the knowledge economy and a hub for research and development for all things technology, especially truck manufacturing. Combining this with the State's expansive highway system positions North Carolina to take advantage of this opportunity.

### Expand Rail Freight Market Opportunities

North Carolina is in a position to significantly grow rail freight in the state by capitalizing on recent developments within the state as well as global shifts in trade patterns. Through strategic actions our state can expand its rail freight market, making the state more competitive for shippers and easing the pressures on our highway systems.

