

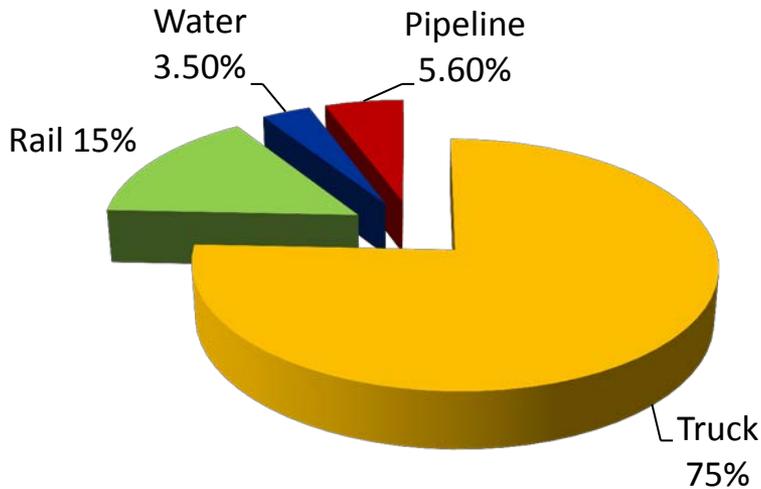


**NCACC Annual Conference  
Asheville, North Carolina  
August 15, 2014**



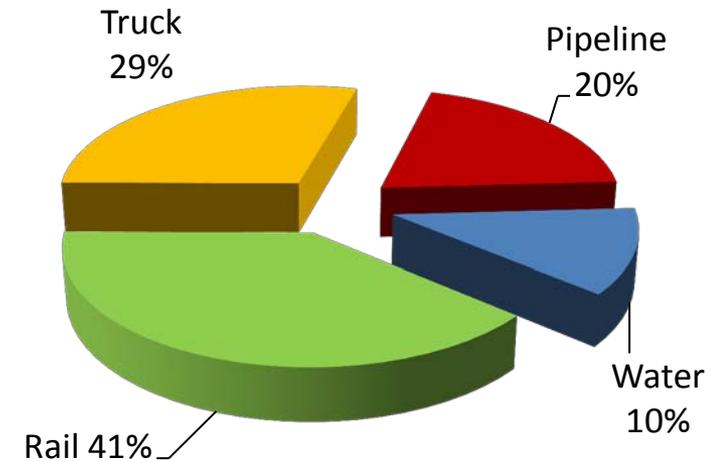
# Freight Transportation Mode Share: How Do We Measure Freight?

## Tons



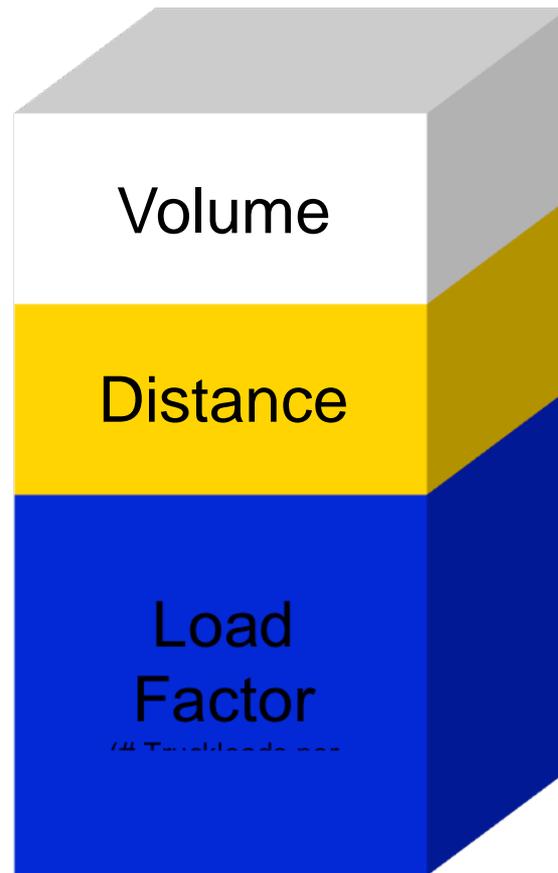
***Trucks move more tons, mostly over short distances***

## Ton-Miles



***Freight Rail has the largest share of freight per ton-mile***

# Load Factor



# Load Factor





# Rail's Role in the Freight Transportation Network

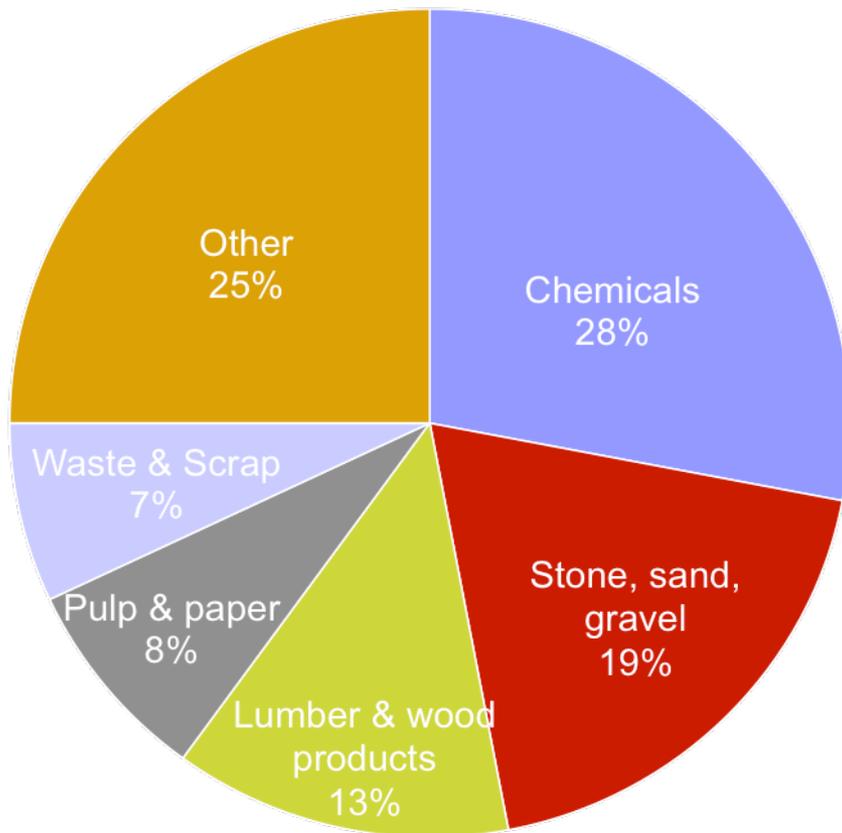
		Intercity Distance in Miles			
		0-250	250-500	500-2000	>2000
Weight	Retail Goods / Light	Truck	Truck	Truck Rail Intermodal	Truck Rail Intermodal
	Consumer Durables- Other Manufactured Goods / Moderate	Truck Rail	Truck Rail Intermodal Rail	Truck Rail Intermodal Rail	Truck Rail Intermodal Rail
	Bulk Goods / Heavy	Truck Rail Water	Truck Rail Water	Rail Water	Rail Water

Source: AAR.

# What Moved by Rail in North Carolina in 2011

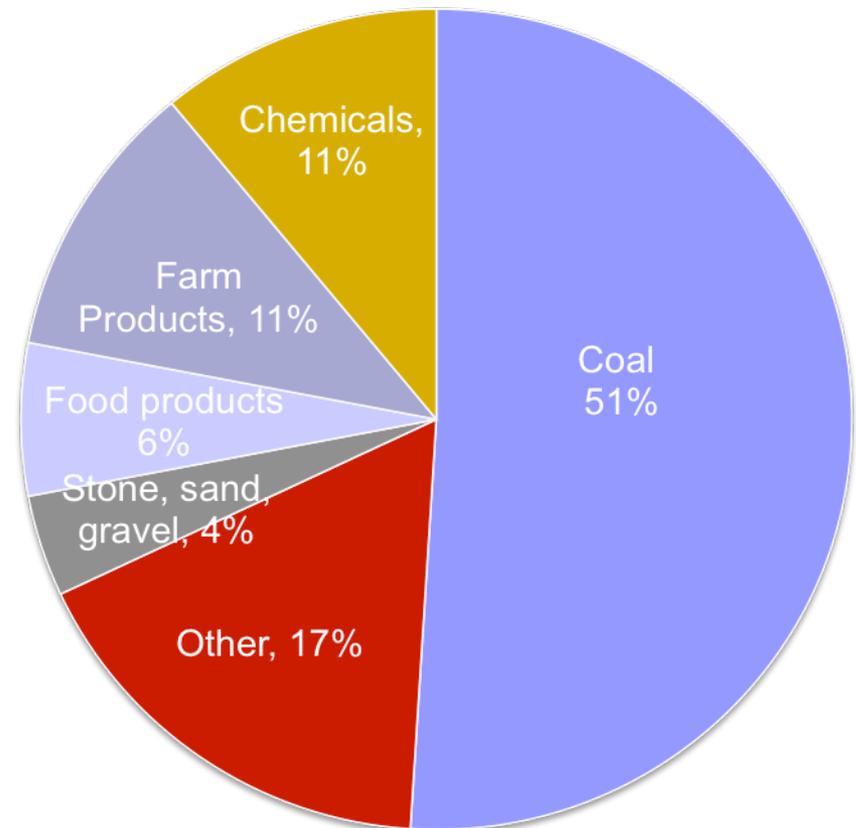
## Originated in NC

10.2 million tons/194,000 carloads



## Terminated in NC

55 million tons/641,000 carloads



Source: Association of American Railroads

# Economics of a Rail Move

- ✦ Reduction in truck volumes on highways = less congestion
- ✦ One train can carry as much freight as several hundred trucks
- ✦ Most rail moves are more than 400 miles

It would take approximately

**+ 5.2 Million** 

additional trucks to handle the

**93.5 Million Tons of freight**

that originated in, terminated in or moved through North Carolina by rail in 2011.



# Carload Shipment Example



# Freight Railroad Challenges

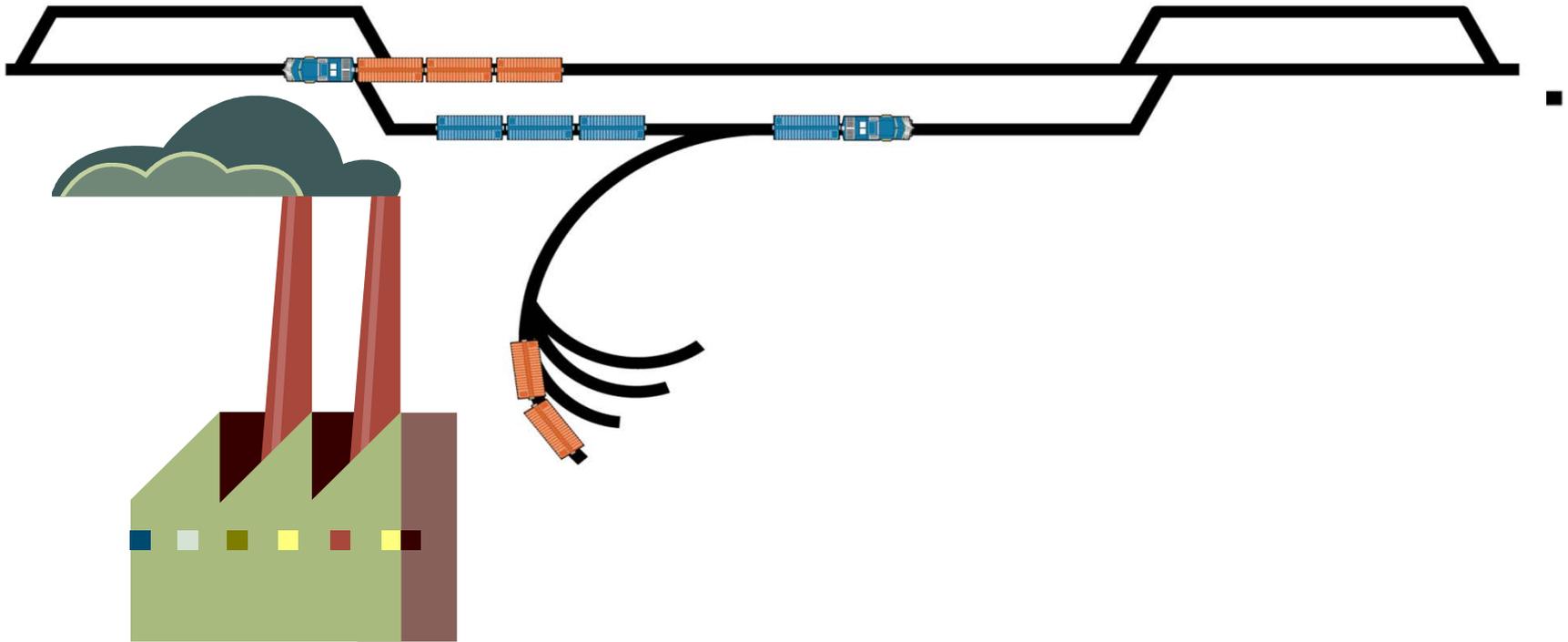
- High capital costs and limited existing rail infrastructure
- Increasing freight volume
- Passenger service integration



North Carolina Railroad Company/photographer: Nick D'Amato



# *Serving New and Existing Freight Customers*



# Intermodal Services

