



August 10, 2016

*Logistics Overview for North Carolina
Eastern North Carolina Focus*

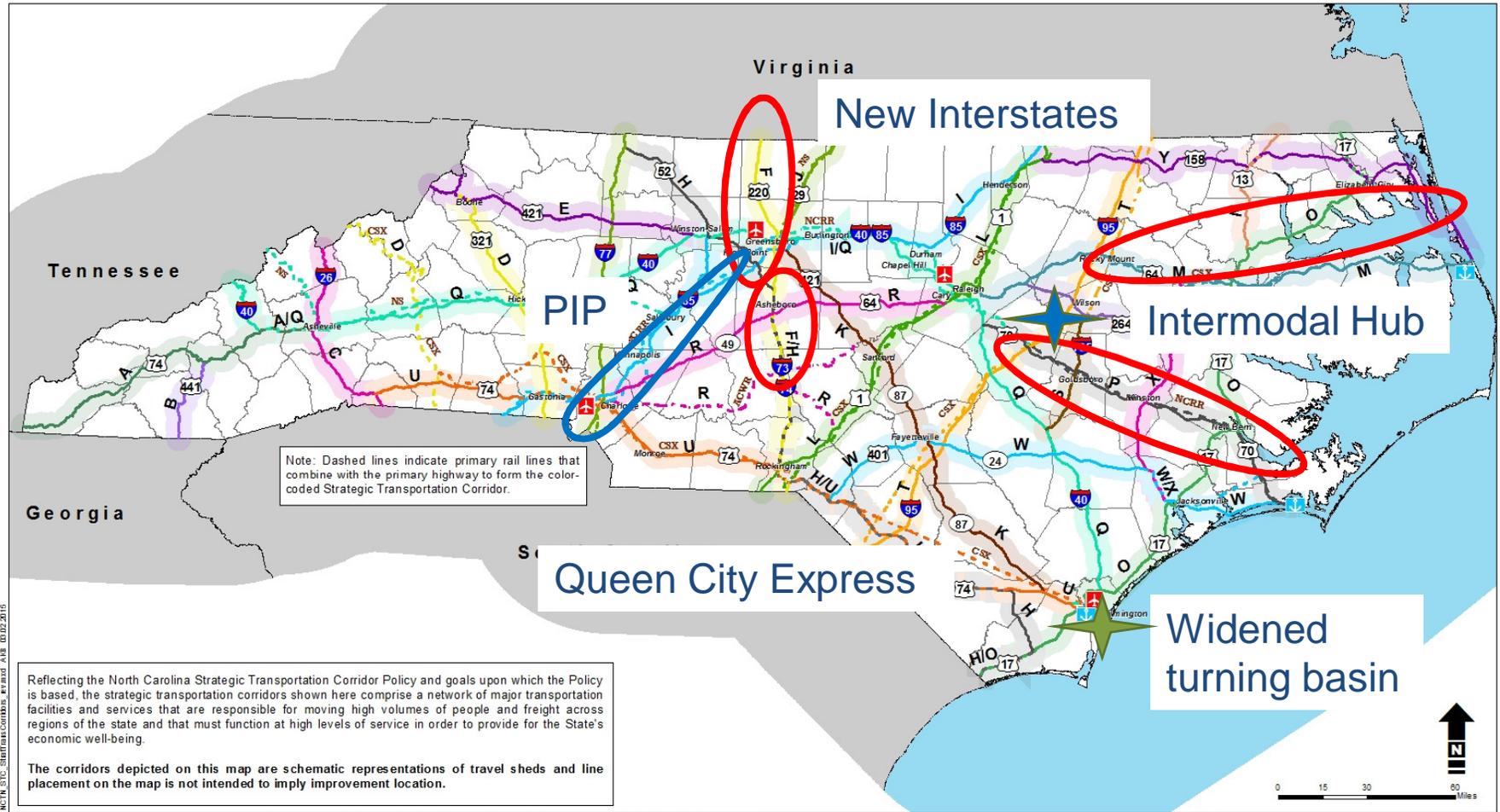
Charles HW Edwards



Outline

- **Evolving Freight Logistics Network**
- **Why Logistics Is Important**
- **We Now Know Who We Are – North Carolina's Supply Chain**
- **New Challenges Everyday**
- **Central Eastern North Carolina**

Evolving Freight Logistics Network



NCTM STC Strategic Corridor Network A88 10/02/2015

NORTH CAROLINA TRANSPORTATION NETWORK
 MARCH 2015
 Source: NCOneMap, NCDOT GIS, ESRI

Strategic Transportation Corridors (solid = highway; dashed = rail)

A (US74W)	F (I73/Future I73)	K (US421/NC87)	P (US70E/NCRR)	U (US74W/US74E)
B (US441)	G (I77)	L (US1)	Q (I40)	V (US264E)
C (I26/US23)	H (I74/Future I74)	M (I495/US64E)	R (US64W/NC49)	W (US401/NC24/US258)
D (US321/CSX)	I (I85)	N (US13)	S (I795/US117)	X (US258/NC11/US13)
E (US421W)	J (US29N/NS)	O (US17)	T (95/CSX)	Y (US158)

■ NC Seaports
■ NC Int'l or Major Freight Airports

NORTH CAROLINA STRATEGIC TRANSPORTATION CORRIDORS NETWORK

Why Logistics Is Important

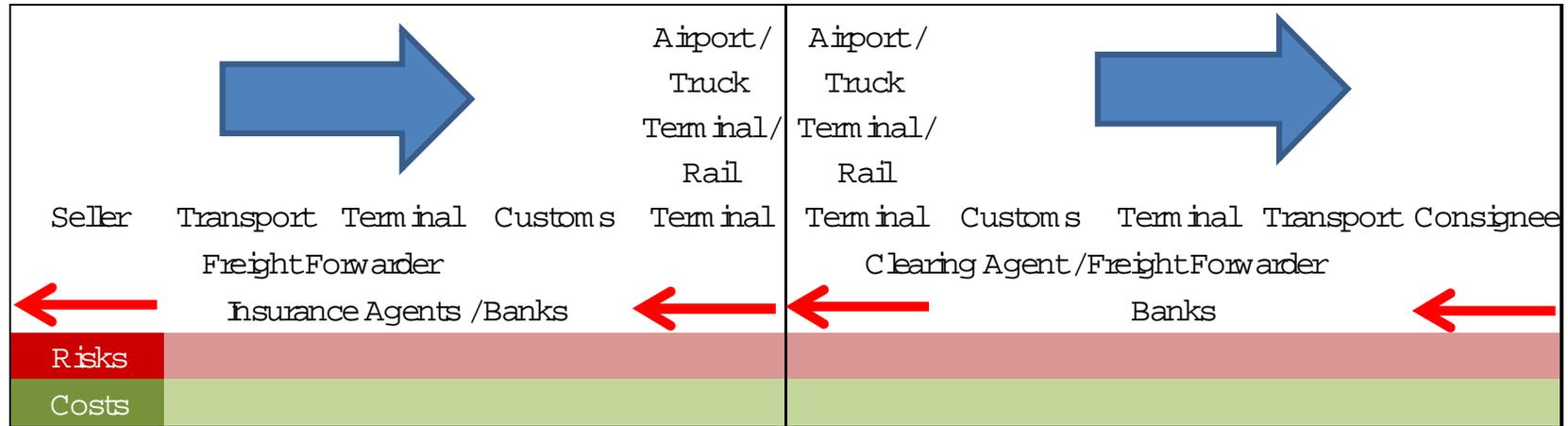
Each North Carolinian generates / consumes 20 tons of freight per year

Equals: 1 tractor-trailer (TL) load per resident per year = 9+ million TL per year and increasing!

- Can't continue to expand and build more roads
- Need to meet different requirements in different regions
- Optimize existing transport network and services



Logistics Flows – An Overview



We Now Know What We Are

- **Quantify** the economic impact of the supply chain
 - **Identify** key connections, trends & context
 - Provide **perspective** for **planning, investment & policy**
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- Published February 2016
 - Prepared by Supply Chain Resources Cooperative – NC State
 - MHI / NC Center for Global Logistics



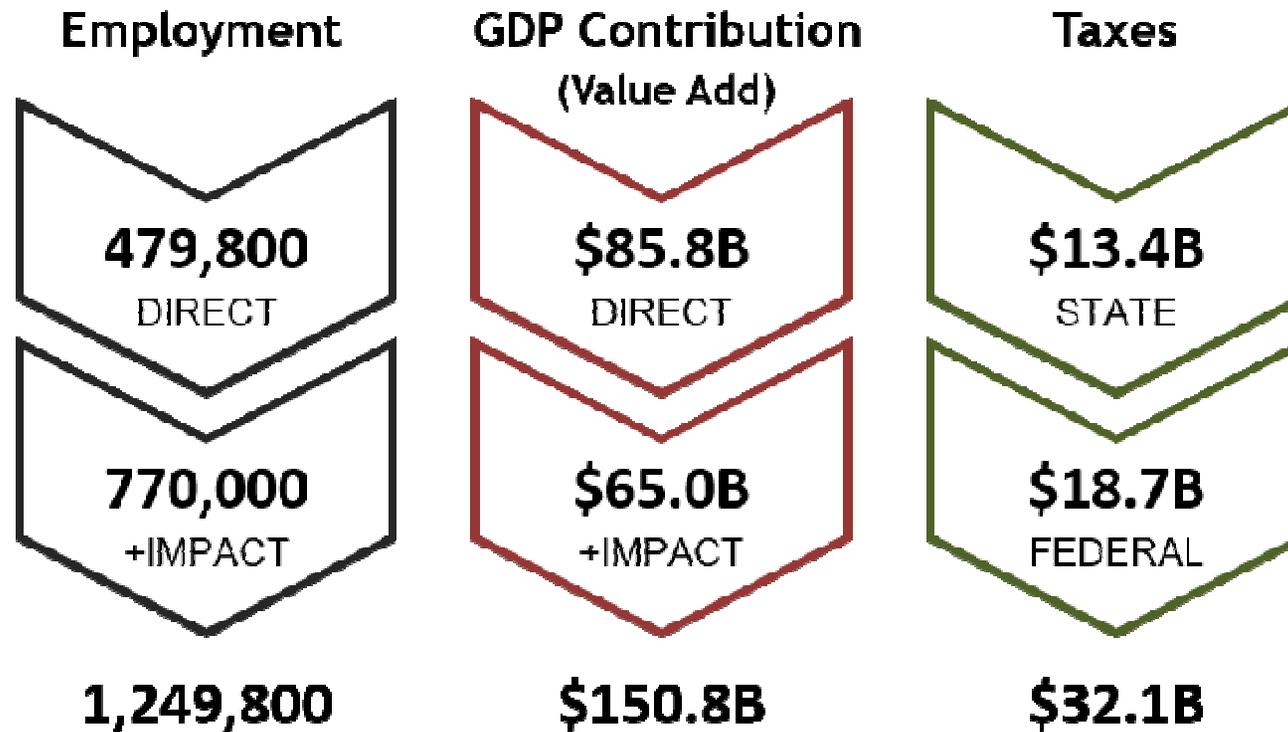
NORTH CAROLINA'S **Supply Chain** CONDUIT FOR COMMERCE & ECONOMIC DEVELOPMENT *An Economic Impact Statement & Analysis*



<http://www.mhlroadmap.org/downloads/NCSupplyChainIndustry.pdf>



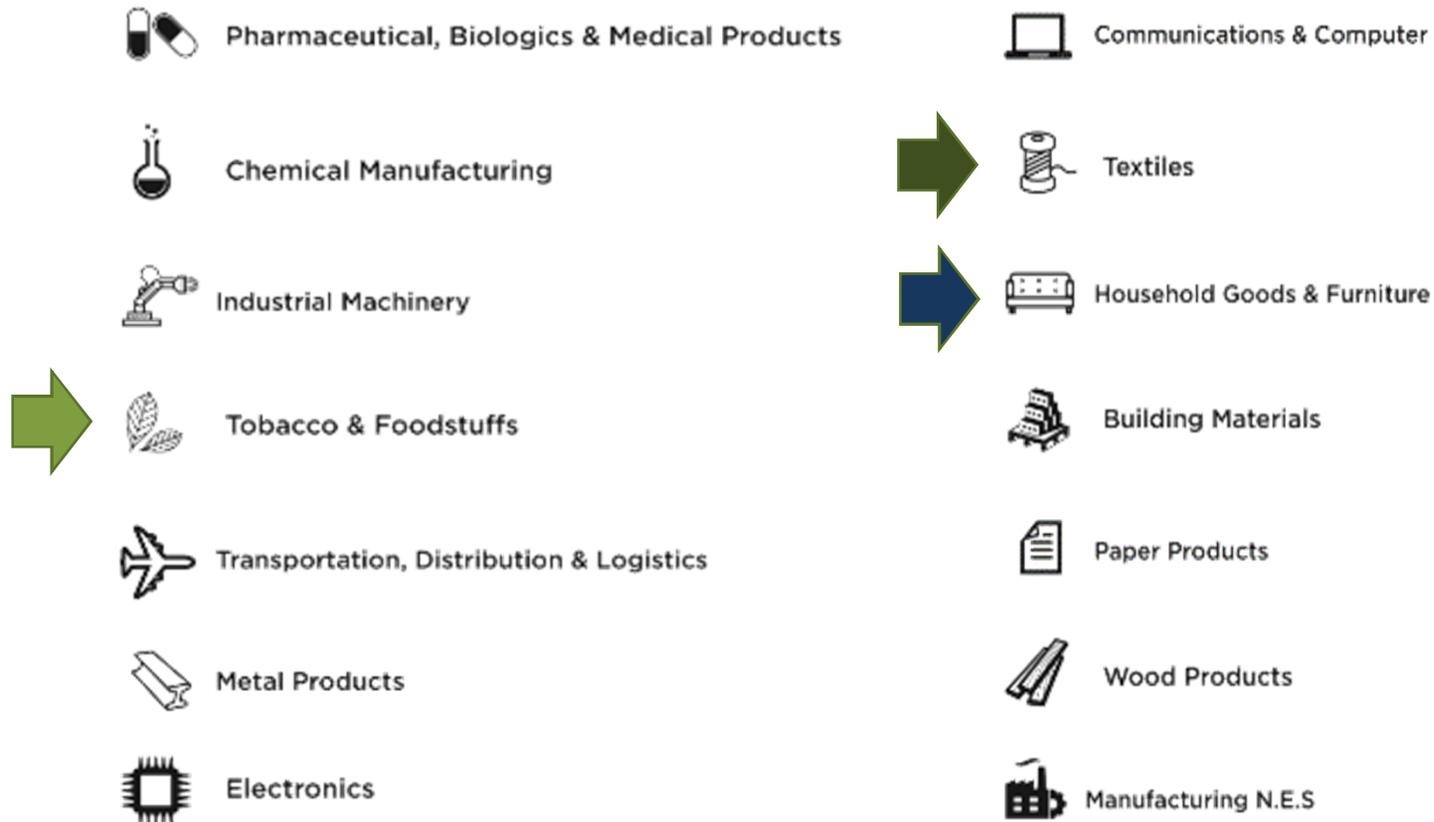
Key Findings



+IMPACT represents Indirect & Induced totals. All figures represent 2013 IMPLAN data

Defining the Supply Chain

- 14 North Carolina Industrial Sectors



Listed in order of Value Added (GDP Contribution)

NC