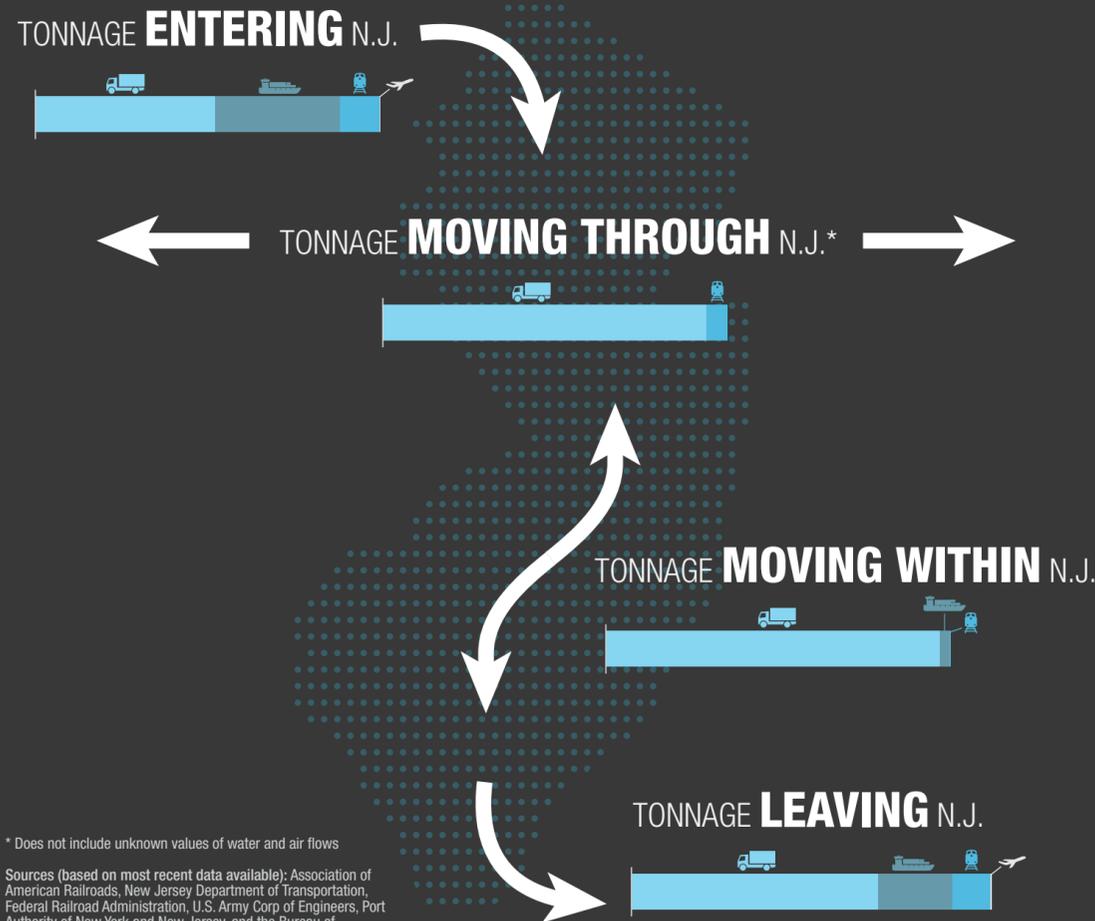
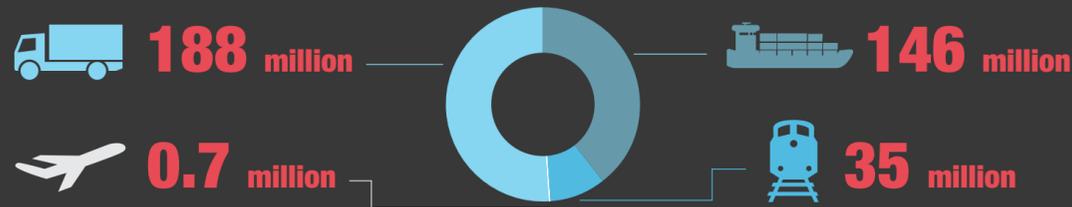


# FREIGHT IS ALL MODES

OVER **300 MILLION** TONS MOVED ANNUALLY



\* Does not include unknown values of water and air flows  
Sources (based on most recent data available): Association of American Railroads, New Jersey Department of Transportation, Federal Railroad Administration, U.S. Army Corp of Engineers, Port Authority of New York and New Jersey, and the Bureau of Transportation Statistics data.

# WHO'S RESPONSIBLE?

 <b>Highway Trucking Routes</b> are funded with <b>PUBLIC MONEY</b> through state and federal DOT's	 <b>Ports</b> are funded with <b>PUBLIC or PRIVATE MONEY</b> through regional port authorities and port operators	 <b>Rail Tracks</b> are funded with <b>PRIVATE MONEY</b> and paid for by individual operators
 <b>NJDOT</b> inspects over <b>1,500 AT GRADE CROSSINGS</b> in New Jersey	 <b>NJDOT</b> maintains over <b>2,500 BRIDGES</b> in New Jersey	 <b>NJDOT</b> is responsible for more than <b>2,800 CENTERLINE MILES &amp; 11,000 LANE MILES</b> of roadways in New Jersey

# BIGGER CHALLENGES

Recurring **congestion, aging infrastructure**, and the need for **constant maintenance** of infrastructure may impact system reliability, travel times and the ability to make on-time deliveries. Ultimately this **increases the cost of freight** movement across all modes, resulting in **reduced efficiency and competitiveness, lost time**, and **higher consumer costs**.

Compliance with evolving **policies and regulations** affecting transportation, land use, and environmental protection may challenge freight system improvement initiatives, requiring continual **innovation, flexibility**, and **partnerships** between private and public freight network operators.

Prepared in cooperation with  
WSP | Parsons Brinckerhoff and Jacobs



# 2016 New Jersey Freight Movement Profile

# THE STATE OF FREIGHT IN NEW JERSEY



## FREIGHT MOVES NEW JERSEY'S ECONOMY

In 2013, freight in New Jersey directly supported:

**260k**  
freight industry jobs

**1 in 15**  
jobs in the state

**\$8.5 billion**  
gross personal income from freight related activities

Freight **supports** many industries that are vital to the **economic vitality** of the Garden State. In 2014, these included:

**410k** jobs in retail and wholesale

**300k** jobs in transportation

**109k** jobs in construction

**185k** jobs in manufacturing

These industries account for approximately **25% of jobs** in the state



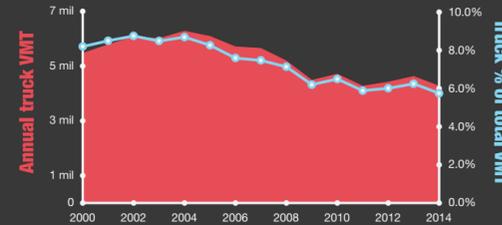
## TRUCKING



In 2014, trucking in New Jersey delivered over

**21 tons** of goods per person

### IMPACT OF FREIGHT TRUCKING



Although total vehicle miles traveled (VMT) on New Jersey roads has increased from **67 million** in 2000 to **74 million** in 2012, truck VMT has **decreased** from **5.5 million** in 2000 to **4.5 million** in 2014.



**99k** overweight and oversize permits issued in 2014, a **20% increase** since 2011, generated **\$2.9m** in revenue for NJ

## PORTS



In 2013, New Jersey ports handled

**3.3 million** containers

### PORT OPERATORS IN NEW JERSEY

**4** container terminals

**146 million** tons of bulk

**16** bulk terminals

**0.4 million** on-dock rail lifts

Container volumes through the northern NJ ports **have grown over 34 percent** in the past decade and by over **175 percent** in the past 20 years.

Southern NJ ports handled **2.3M** tons of bulk and break bulk cargo in 2014, a **24 percent** increase from 2013.

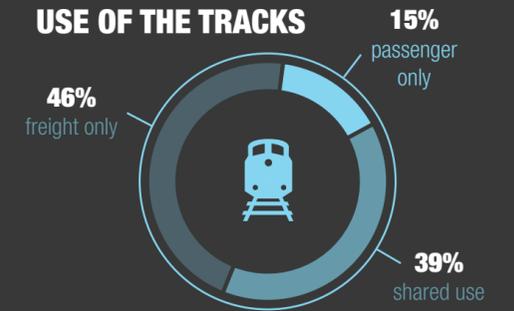
On-dock rail movements have **increased more than 160 percent** in the past decade and more than **540 percent** in the past 20 years.

## RAIL



**17** individual operators provide service on **1,336** centerline miles

**24** million tons inbound  
**12** million tons outbound



### IMPORTANCE OF FREIGHT RAIL

It would have taken approximately **2.4 million additional trucks** to handle the **43.8 million tons** of freight that originated in, terminated in, or moved through New Jersey by rail in 2012.

### FUTURE RAIL NEEDS

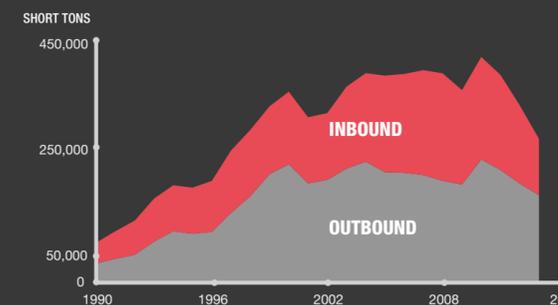
The industry standard for capacity is **286k** GWV. Many rail lines in New Jersey only support **263k** GWV.

## AIR



Newark Liberty International Airport (EWR) ranks **10th in the nation** and **37th in the world** for the volume of revenue freight

### EWR INBOUND/OUTBOUND OVER TIME



**IN 2014**  
**45%** cargo inbound  
**55%** cargo outbound

In 2013, EWR handled over **700k total tons**