



# Statewide Freight Planning Program

Connecticut Department of Transportation 2015

# Overview

- CTDOT is working on a comprehensive Statewide Multimodal Freight Plan:
  - Goals:
    - Economic Competitiveness
    - Resiliency of Freight Network, Assets, and Operations
    - Safety- All modes; freight professionals, traveling public, and bikes/pedestrians
    - Congestion management- decrease emissions and costs
    - Improve infrastructure- targeted projects
    - Improve policy and coordination- intra and inter state

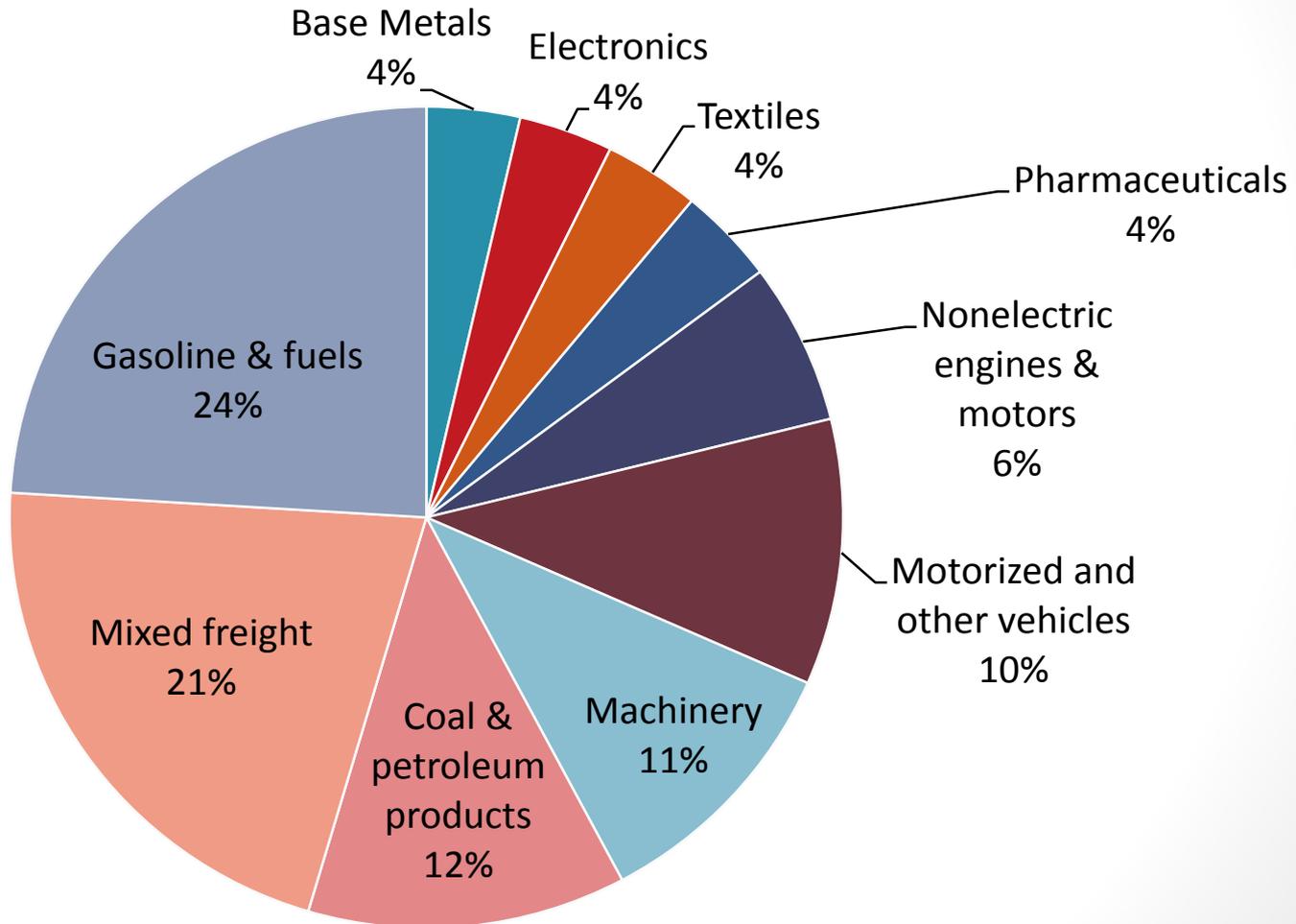
# Federal Mandates

- Federal Highway Administration - *MAP-21*
  - *Moving Ahead for Progress in the 21<sup>st</sup> Century*
  - The Secretary of Transportation encourages each State to develop a comprehensive State Freight Plan that outlines immediate and long-range plans for freight-related transportation investments.
    - Must include: *Economic Analysis, System Performance, Proposed Projects*
  - The Secretary also encourages **State Freight Advisory Committees**:
    - Public/Private group that reviews goals, plans, and potential projects
- Federal funding:
  - With a *MAP-21* Freight plan and list of Proposed Projects, CT will be eligible for up to **95%** Federal Funding for Freight Supportive projects.

# What Types of Freight Move Through the Hartford Region?

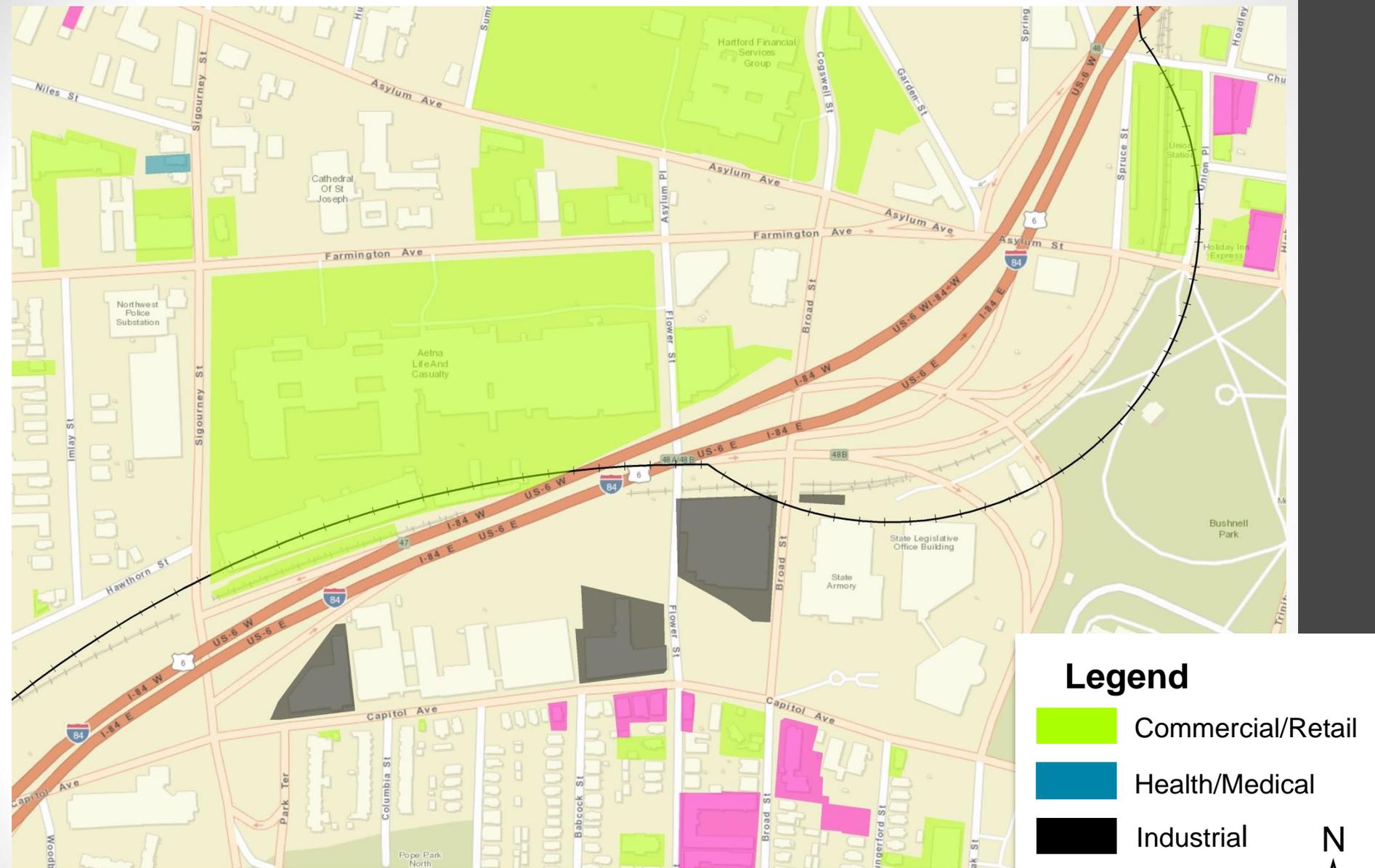
# Top Ten Commodities by Value Hartford Region, 2012

Top 10  
Commodities  
are **81%**  
of  
total value of  
all  
commodities  
originating  
within  
Hartford  
Region.



# Where Does Freight Move In the Hartford Region?

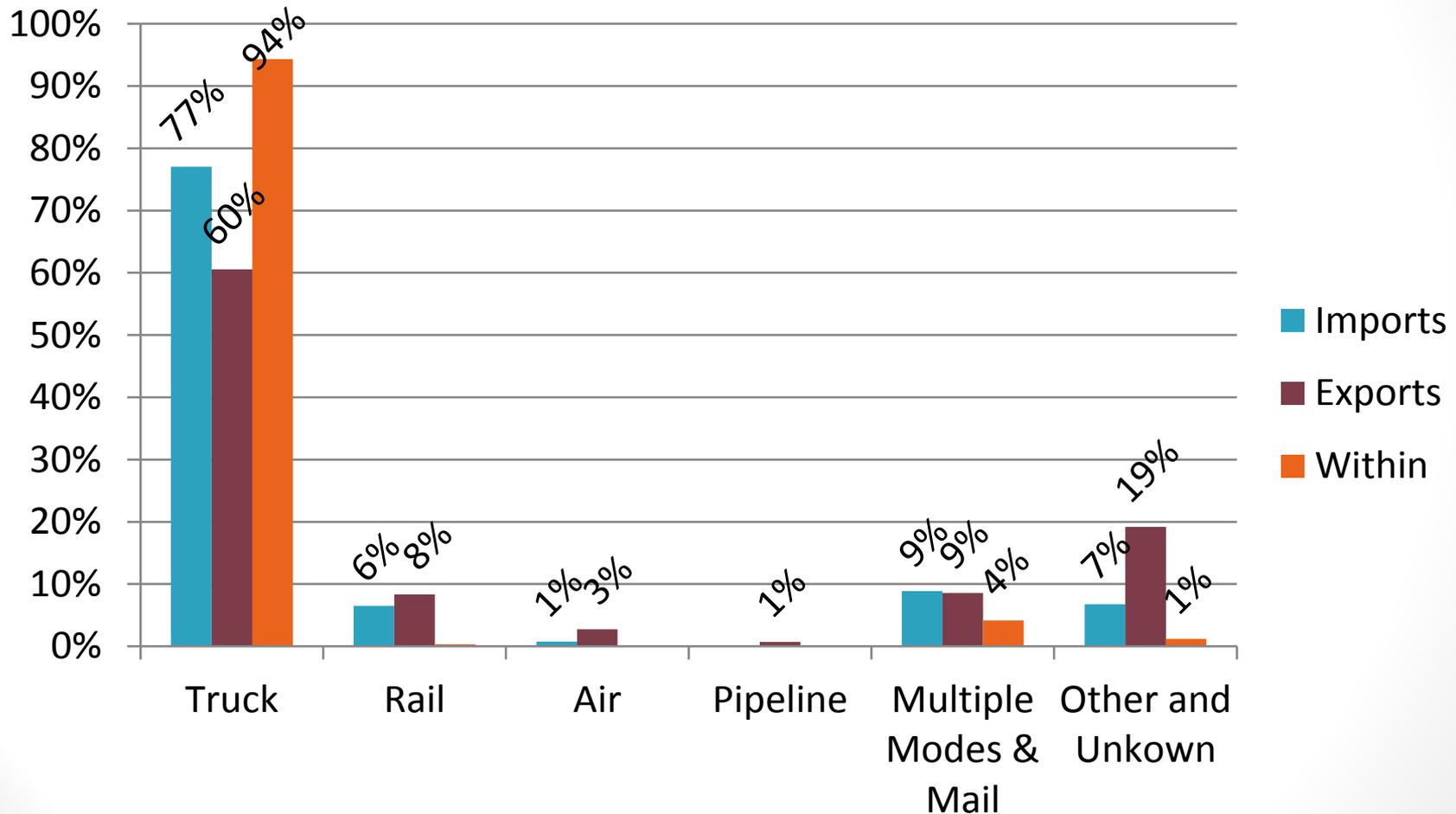




I-84 Viaduct Area, Freight Supportive Land Uses

# How Does Freight Move Through the State and the Hartford Region?

# Percent of Total Value of Freight, by Mode Transported Statewide, 2012



Source: *Freight Analysis Framework*, FHWA 2012

- Freight moves primarily by truck through the Hartford Region:

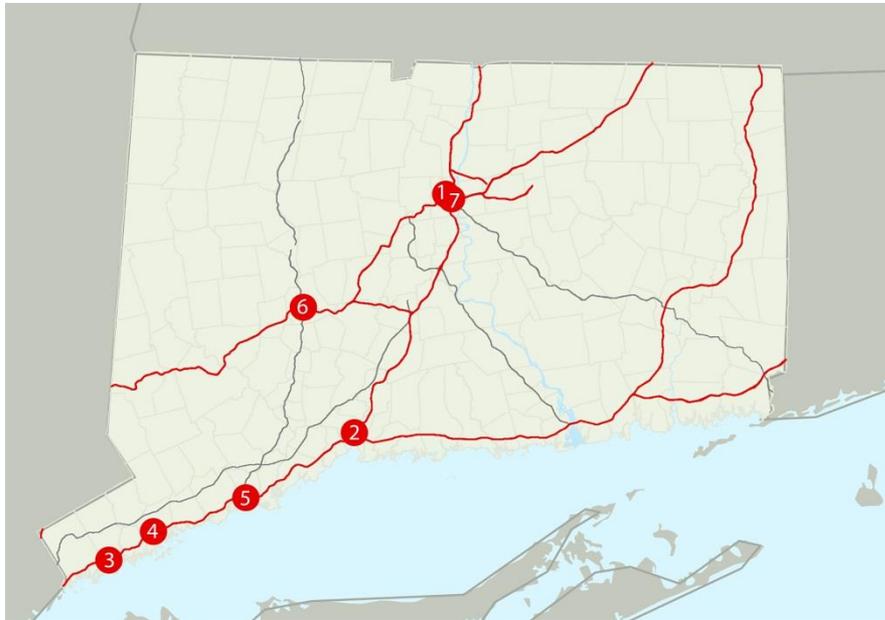
Mode	Value (\$ millions)	Tons (thousands)	Total % of Freight Moved (by Value)
Truck	\$117,980	59,693	<b>88.5%</b>
Non-truck	\$15,285	198	<b>11.5%</b>
Total	\$133,265	59,891	



Source: *Commodity Flow Survey*, USDOT Bureau of Transportation Statistics 2012

# How Does Traffic Congestion Impact Freight?

# Connecticut has **7** of the **Top 100** Freight Bottlenecks in the Nation

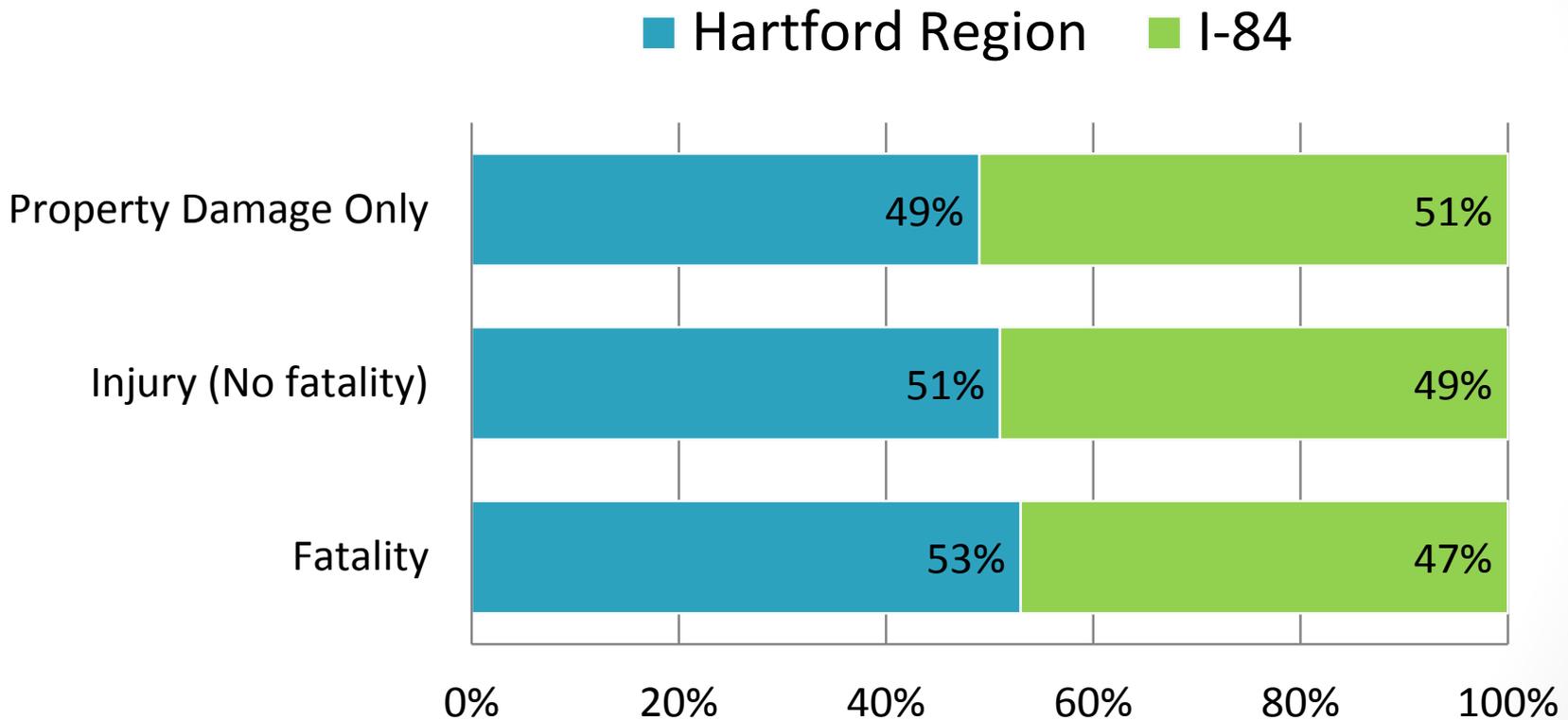


National Rank	Location
18	Hartford, CT: I-84 at I-91
35	New Haven, CT: I-95 at I-91
38	Stamford, CT: I-95
43	Norwalk, CT: I-95
78	Bridgeport, CT: I-95 at RT 8
87	Waterbury, CT: I-84 at SR 8
94	Charter Oak Bridge, CT: I-91

The Hartford Region has **2** of the **Top 100** Freight Bottlenecks in the Nation

Source: *Analysis of Freight-Significant Highway Locations*  
American Transportation Research Institute, 2013

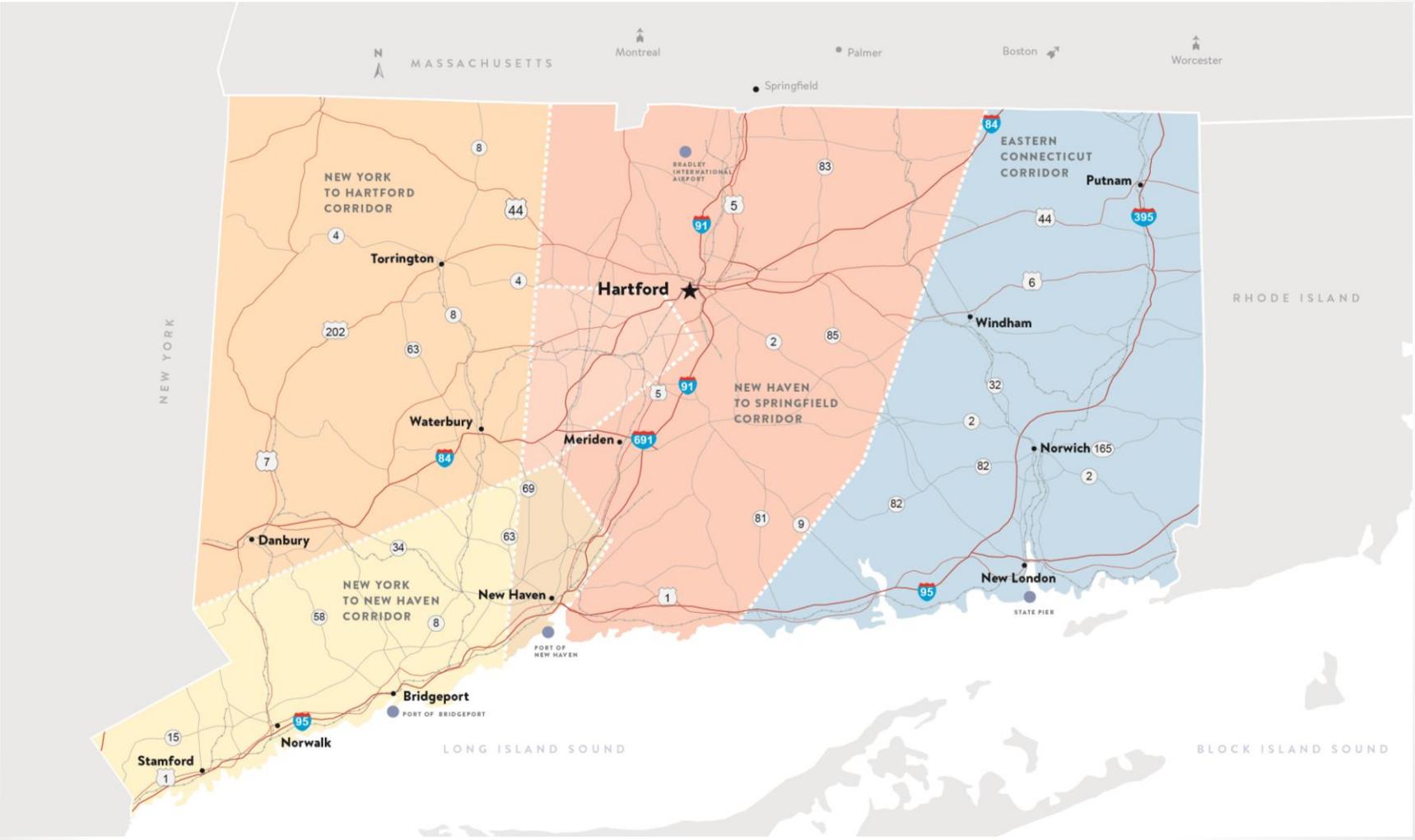
# Traffic Incidents on Interstates in Hartford Region 2010-2014



Source: *Connecticut Crash Data Repository*, UCONN/CTDOT 2015

What are the solutions?

# Let's Go CT Corridor Strategies



# New Haven-Hartford-Springfield Corridor

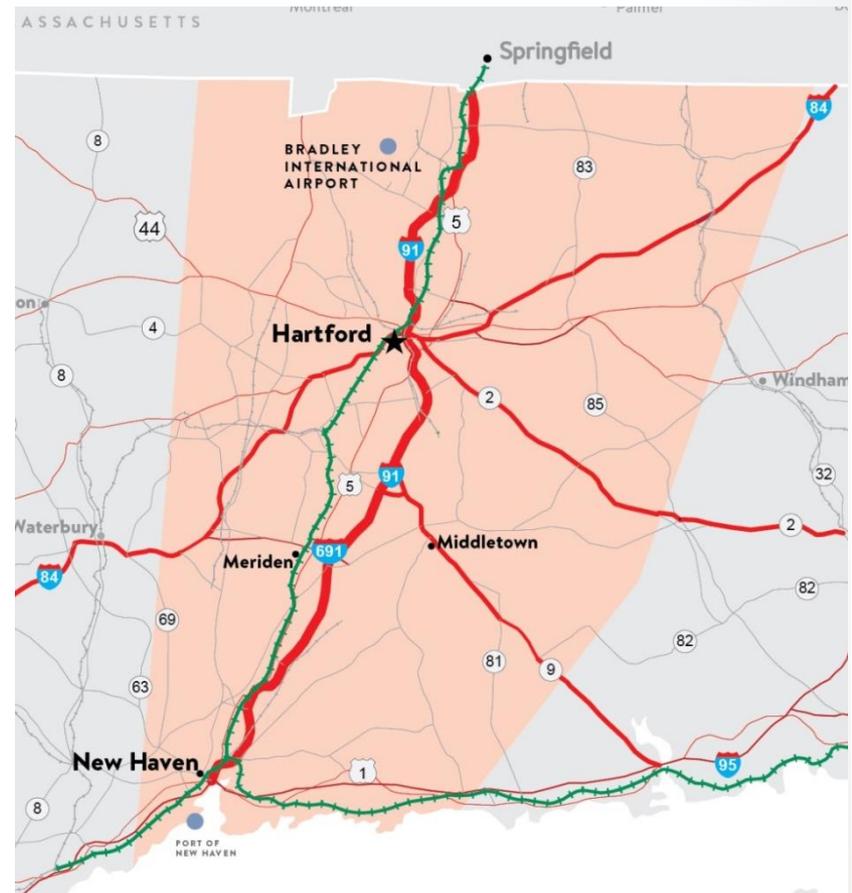
- Reduce congestion:
  - I-91 at Charter Oak Bridge

**\$195 million:** Cost to build

**\$880 million:** Benefits over 25 years

**Direct Economic Benefits**

- Complete **Hartford Line**
  - *New Haven to Springfield*
- Complete & expand **CTfastrak**
- Enhance **Bradley Airport** as key link to national & global markets



# Questions & Comments

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Please Visit:

<http://www.ct.gov/dot/FreightProgram>