

AMERICA'S MARINE HIGHWAY



Tennessee River Valley Association

October 18, 2011

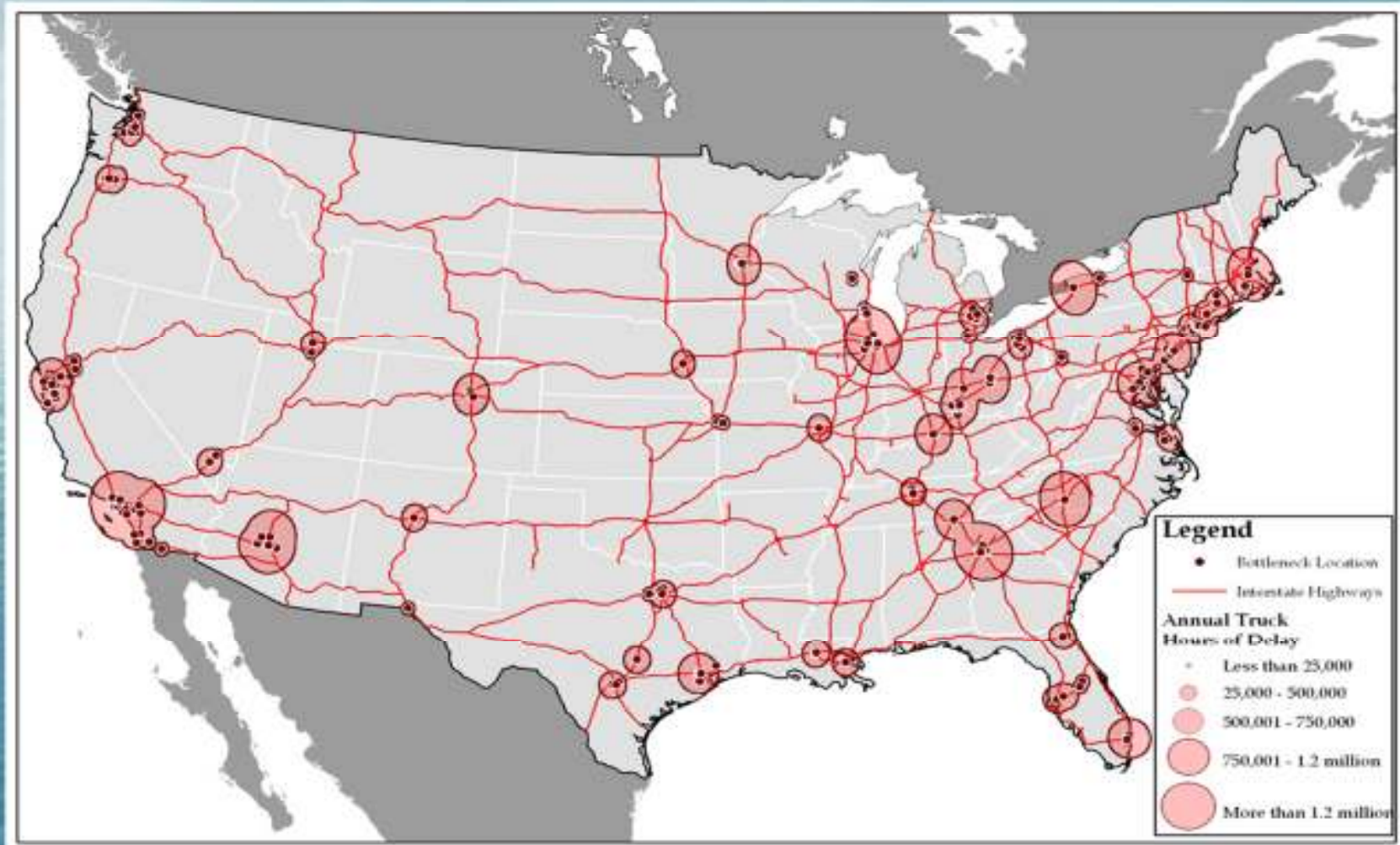
Gatlinburg TN

JIM MURPHY

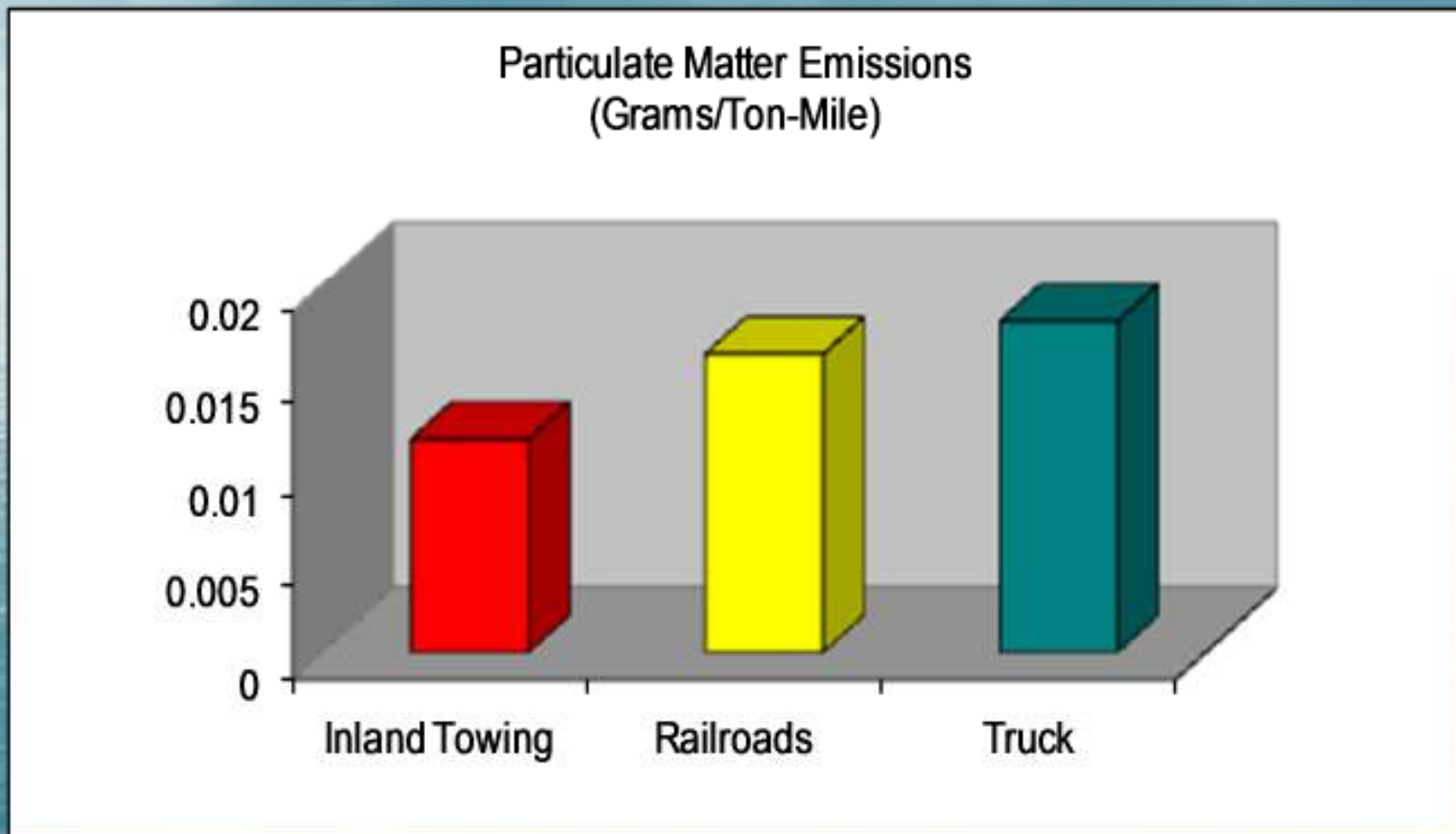
Eastern Gulf/Lower Mississippi Gateway



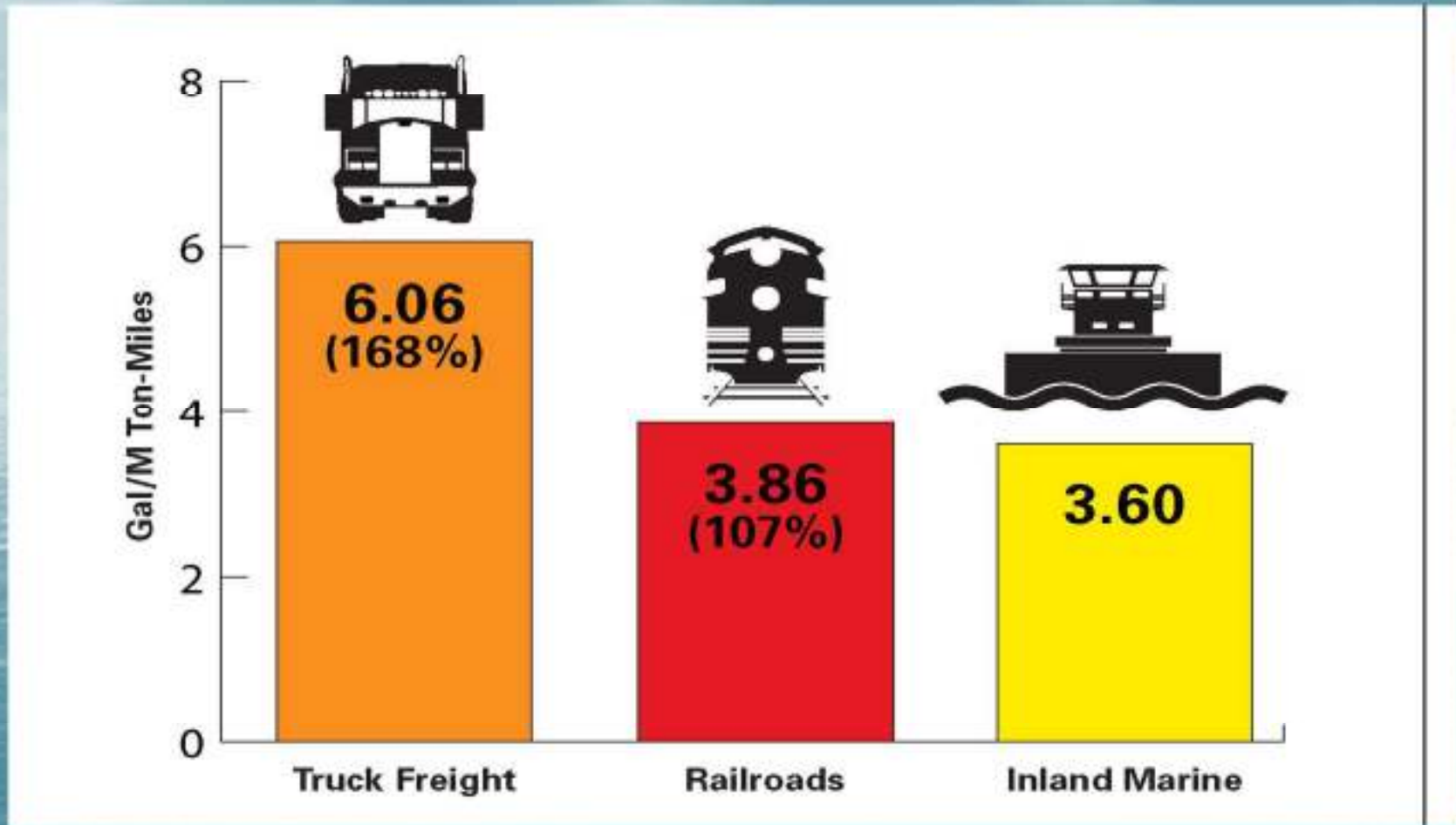
Major Freight Truck Bottlenecks



Emissions - Particulates



HazMat Safety



All the modes work hard to prevent accidents, human errors and other causes of spills, including groundings in the case of barge transportation. Spill rates are very low, as shown in gallons per 1 Million ton-miles.

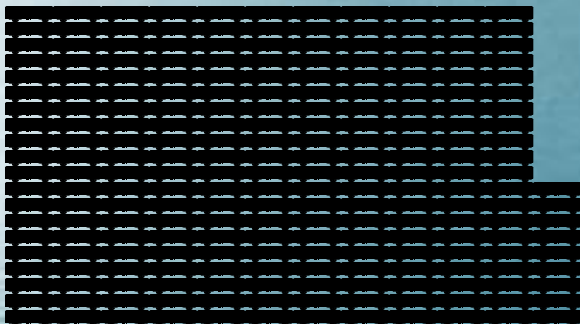
MARINE HWY

1 Barge tow = 456 40' Containers



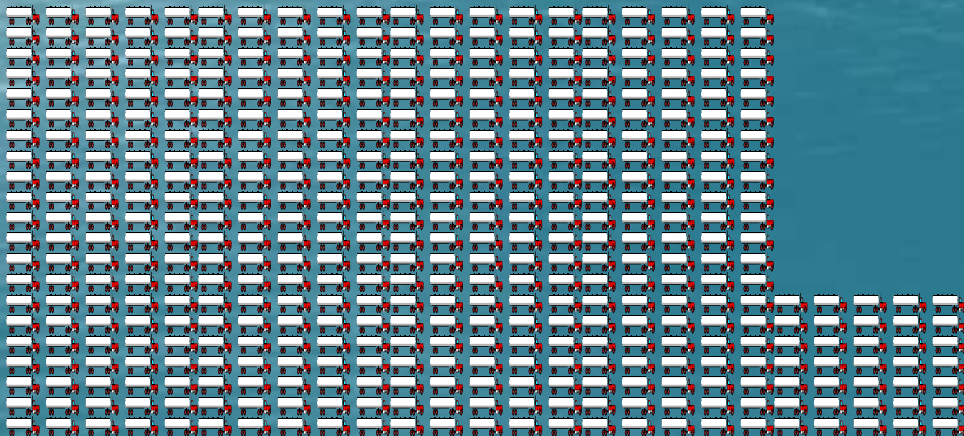
RAIL

228 Railcars DBL Stacked = 456 40' Containers



TRUCK

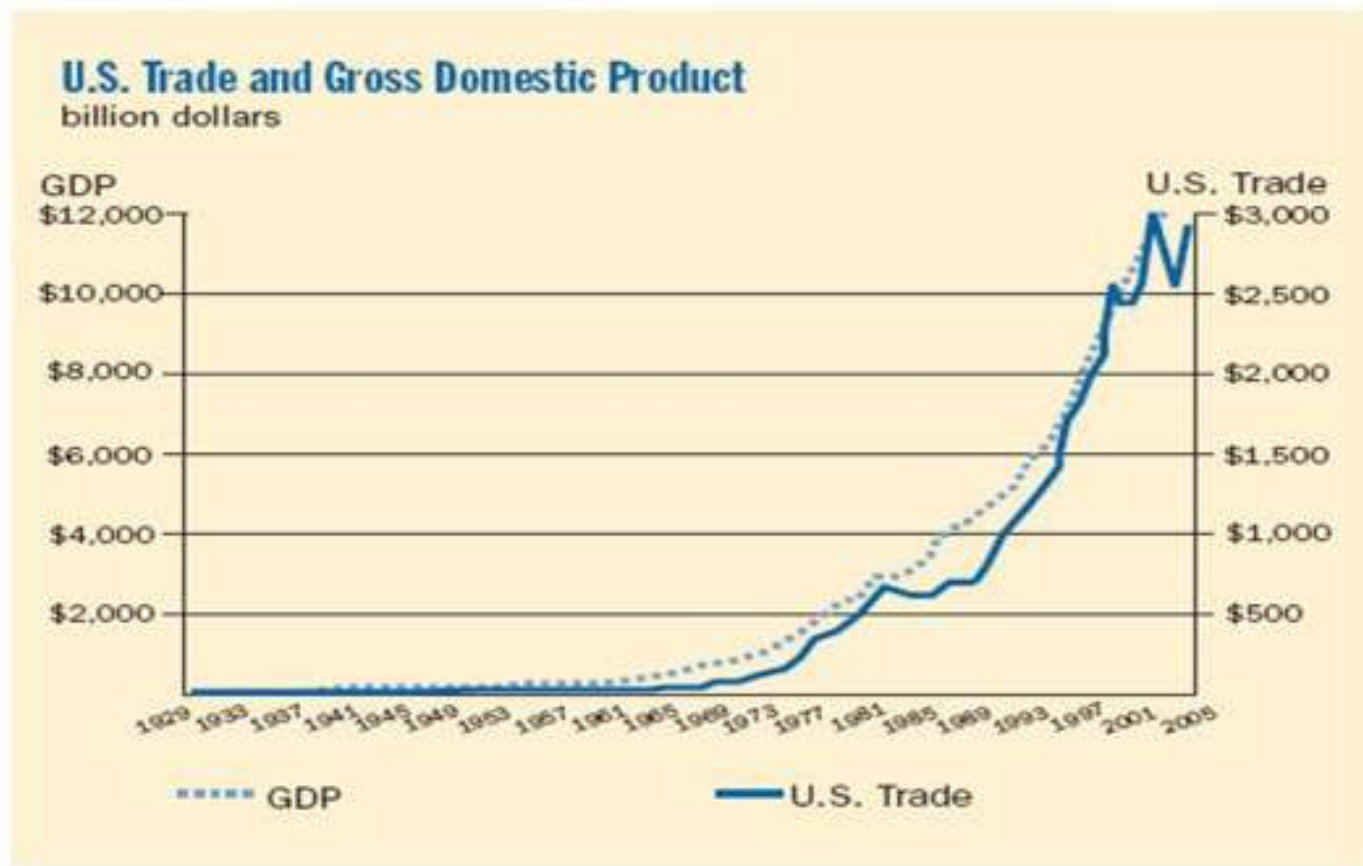
456 Trucks = 456 40' Containers



ENERGY



Relationship Between Trade and Prosperity

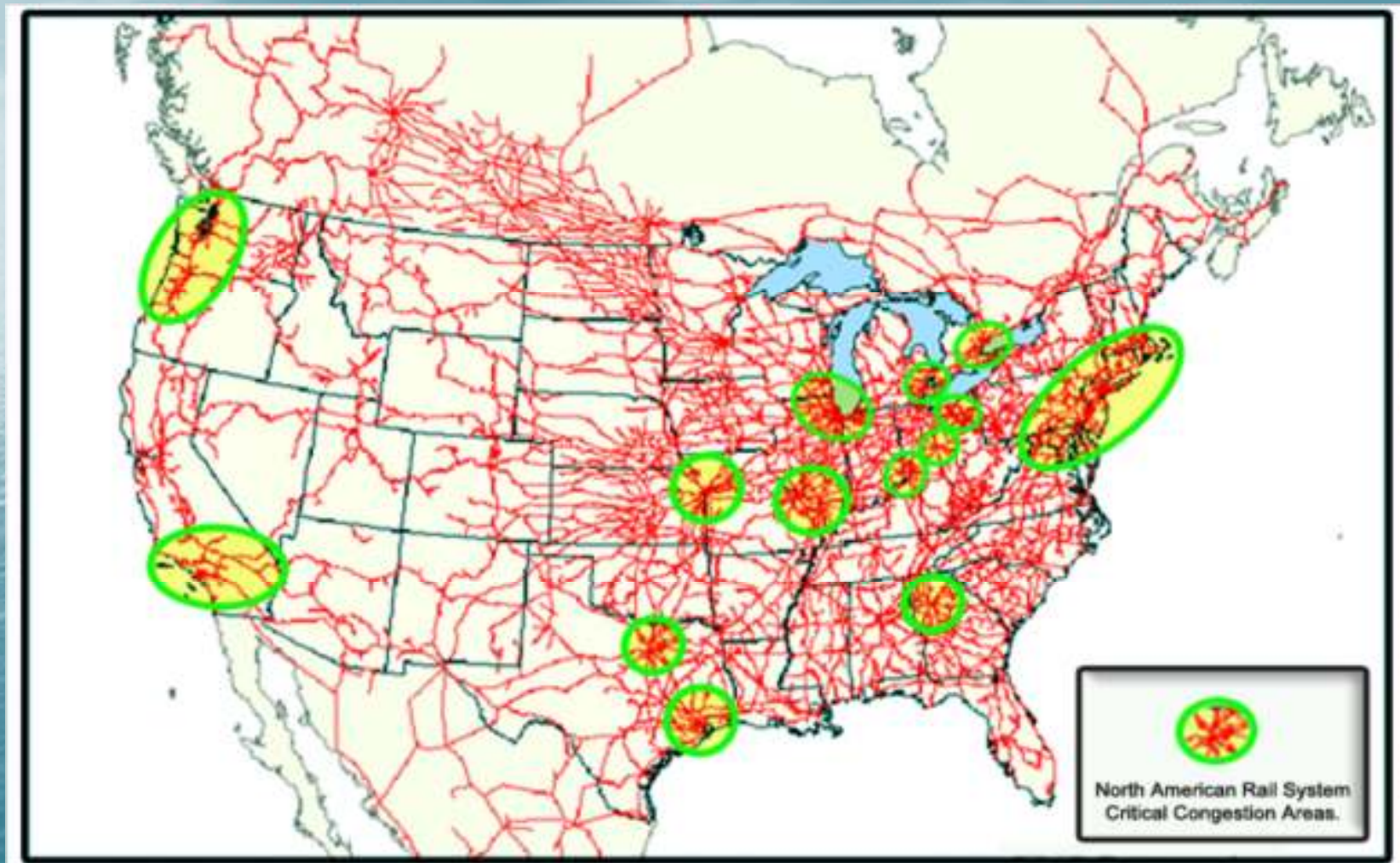


Source: U.S. Department of Transportation based on U.S. Department of Commerce data

The Capacity Solution

- International trade will at least double by the year 2020, further stressing our already congested landside transportation system.
- Existing landside infrastructure can not support growth projections. Landside expansion is costly, protracted, and can be controversial.
- The Nation's Marine Highway system offers unlimited growth potential.
- The U.S. moves approximately 2% of our domestic freight by water:
 - Europe - 44%
 - China - 61%
- The Maritime Administration is developing initiatives to increase the marine domestic freight market share.

North American Rail Congestion



America's Marine Highways: A Solution

Ports and Navigable Waterways of the United States



Marine Highway Benefits

- Reduced Congestion
- Better Air Quality
- Fuel Conservation
- Infrastructure Cost Avoidance
- Safer HazMat Transportation
- Greater Surface Transportation Resiliency
- Improved Highway Safety

AMH FINAL RULES APRIL 9, '10

- SHORT SEA TRANSPORTATION ROUTES AS EXTENSIONS OF THE SURFACE TRANSPORTATION SYSTEM
- INTERMODAL CONTAINERS, TRAILERS, CAR FLOATS, RAIL FERRIES, AND OTHER CARGOES LOADED BY WHEELED TECHNOLOGY

2011 Marine Highway Program

- **Marine Highway Corridors are Designated**

- * Focus efforts and resources of multiple state, Transportation planners, local entities

- **Marine Highway Projects**

- * Identify projects that would offer best public benefit (congestion, emissions, energy & infrastructure savings)

- * Provide support to expand or start new operations (promote, coordinate, research, identify federal cargos. Remove impediments)

- **Identify Incentives, Impediments and Solutions – Report to Congress Submitted**

- Reestablished Marine Transportation System National Advisory Committee
 - Identify & propose short term incentives

- **Conduct Research**

- * Identify environmental and transportation benefits

- * Vessel design, technology, emissions, fuel economy & increase efficiency

- Studies to identify and implement solutions for specific projects

AMH STATUS

Projects Funded: James River Barge ;
Tennessee Tombigbee Barge;
Cross Gulf Barge

Initiatives Funded: East Coast (M95);
Mississippi River (M55); West Coast (M5)
Reports due February '12



[America's Marine Highway Program](#)

(504) 589 2000 x229

(504) 628 7941 CELL

James.murphy@dot.gov

QUESTIONS