

Maritime Trade Data and Transportation Statistics

Support the National Export Initiative

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Disclaimer

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About the BTS Maritime Program

- The Bureau of Transportation Statistics (BTS) Maritime Program collects, analyzes, and disseminates maritime data and statistics relating to coastal, inland, and ocean water transportation.
- The Federal interagency Maritime Data Working Group (Group), sponsored and led by BTS, meets quarterly to discuss maritime data availability, collection, gaps, standardization, and quality. In addition, the Group supports joint research projects and sponsors interagency publications.
- BTS offers subject matter expertise and review of Federal interagency reports and plans, facilitating data-driven decision-making.

Introduction

- Maritime trade and transportation data and statistics serve as performance metrics for economic stimulus initiatives.
- Data and statistics help leadership make informed decisions on how to invest scarce resources given competing national priorities.
- For example, Federal departments and agencies may take corrective action to ensure near- and long-term goals by precisely measuring the economic impact of the National Export Initiative, especially in key areas such as transportation manufacturing (e.g., shipbuilding and repair).

National Export Initiative

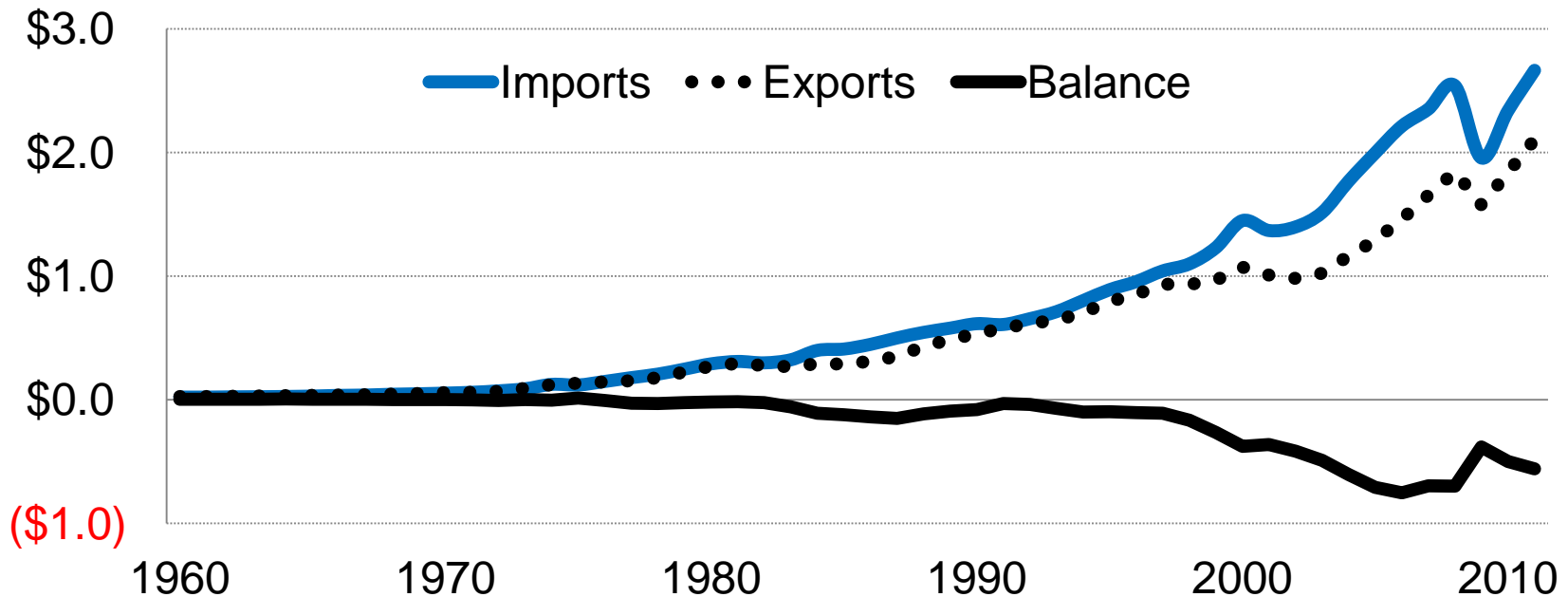
- The National Export Initiative (NEI) marks the first interagency Federal strategy for U.S. export promotion with the aim of achieving long-term, sustainable economic growth.
- The NEI is intended to help close the gap between U.S. exports and imports, optimizing the global supply-chain by increasing access to financing and reducing trade barriers.
- The NEI acknowledges that the U.S. transportation system and supply-chain infrastructure will play a critical role in supporting this effort, especially since international trade in goods and intermodal freight transportation are interdependent.



Why Promote U.S. Exports?

U.S. Trade in Goods and Services, 1960-2011

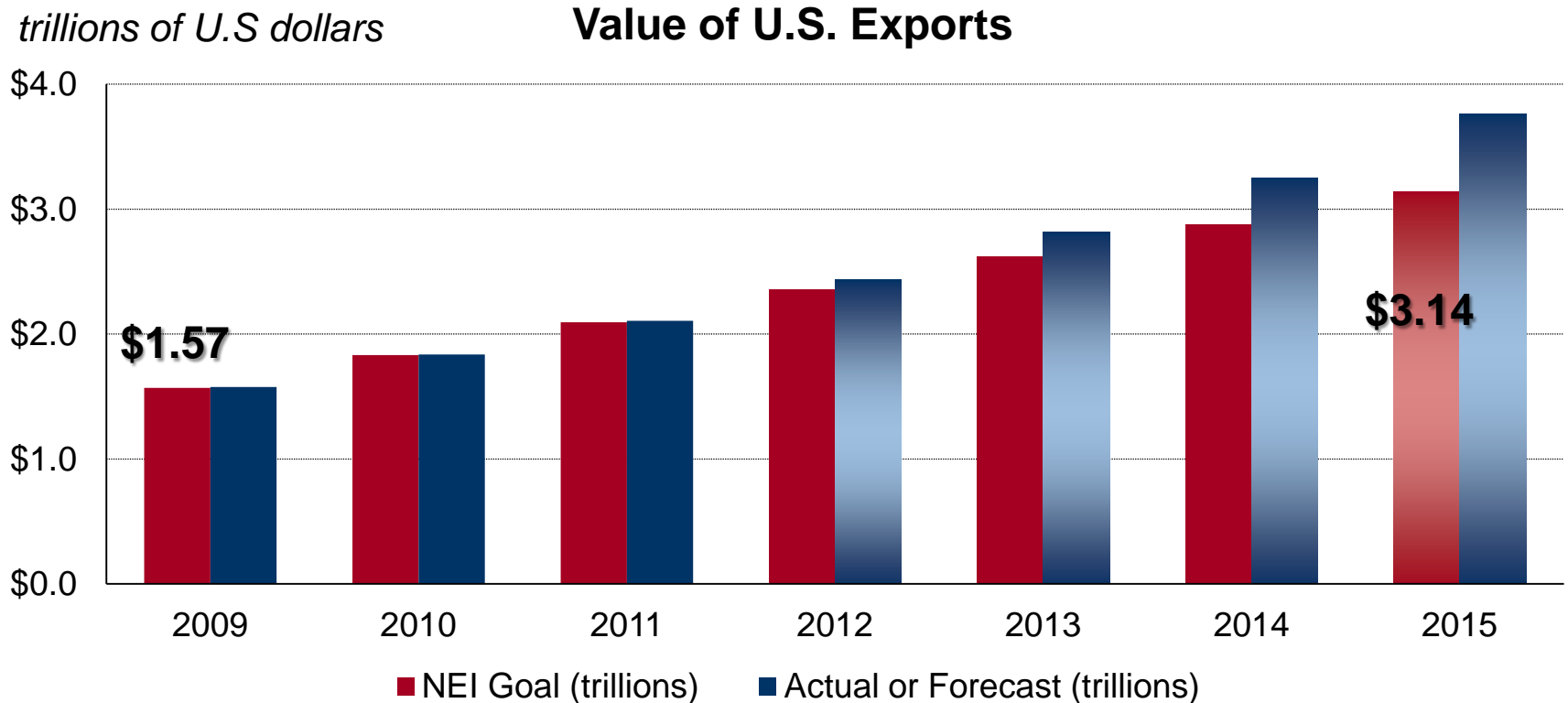
trillions of U.S. dollars



The NEI's goal is to double the value of U.S. exports from \$1.57 trillion in 2009 to \$3.14 trillion by 2015, which is projected to create two million American jobs.

National Exports Initiative's Goal

Doubling U.S. exports from \$1.57 trillion in 2009 to \$3.14 trillion by 2015.



From 2009 to 2011, U.S. exports grew by a compound annual growth rate of 15.6 percent.

Suggested Performance Metrics

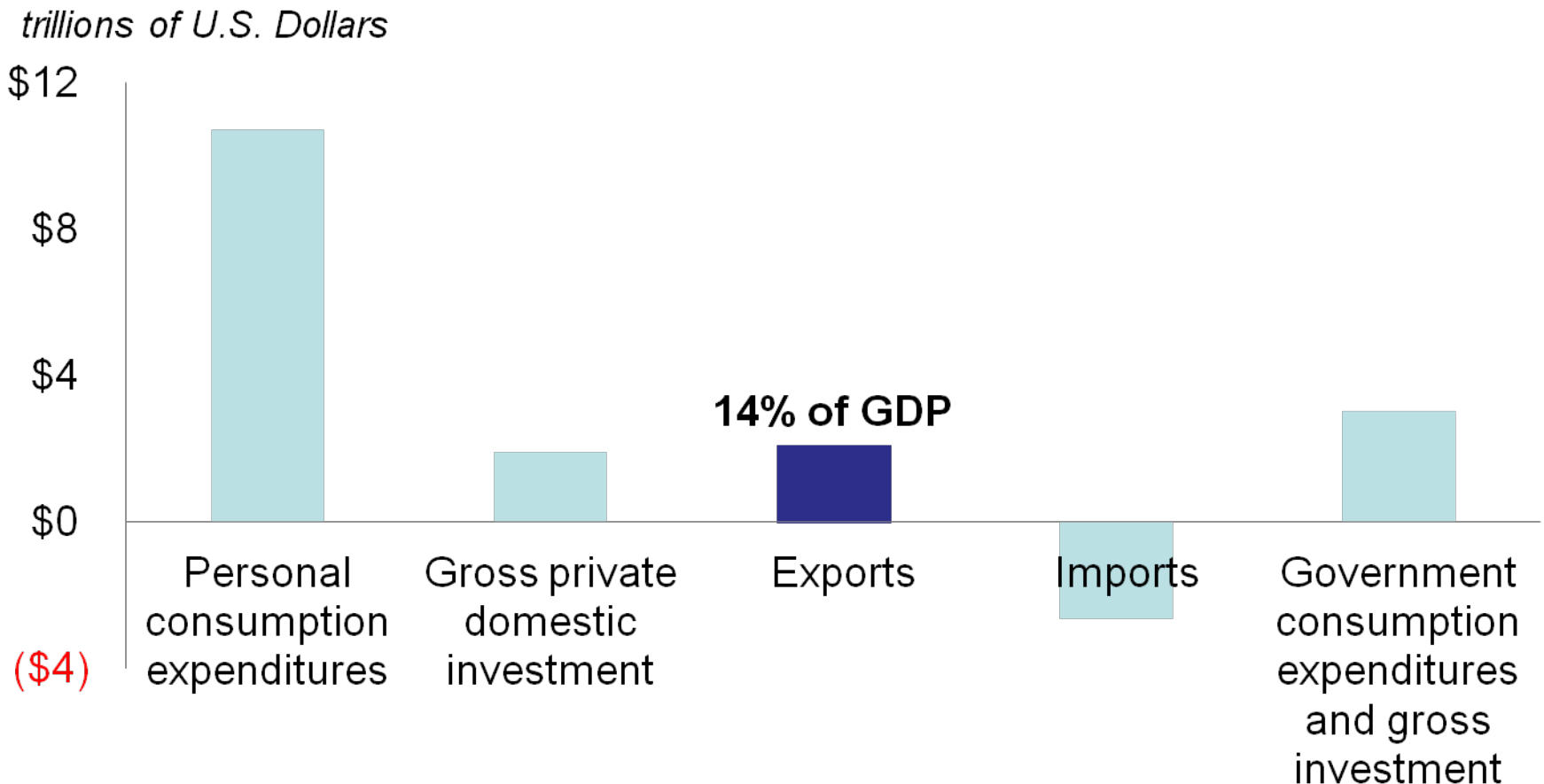
- Value of U.S. exports
- U.S. trade balance in goods & services
- U.S. exports as a percentage of U.S. gross domestic product
- U.S. exports carried by vessel
 - Top U.S. export trading partners
 - Top U.S. export commodities
- Maritime transportation industry employment
 - Employment and earnings

U.S. Exports Contribute the Economy

- U.S. exports contribute to the U.S economy in the following ways:
 - adding value (in terms of U.S. Gross Domestic Product), and
 - creating manufacturing and service sector jobs in the economy.
- U.S. exports in goods and services accounted for 14 percent of the U.S. Gross Domestic Product (GDP) in 2011.
- Over 10 million U.S. jobs are supported, for which export manufacturing companies pay up to 18 percent higher wages than those that produce for only the domestic market.
- Transportation-related manufacturing industries provide goods for U.S. export. For instance, automotive vehicles, car engines, and auto parts account for 9 percent of U.S. export goods.

Exports Accounted for 14 Percent of U.S. GDP

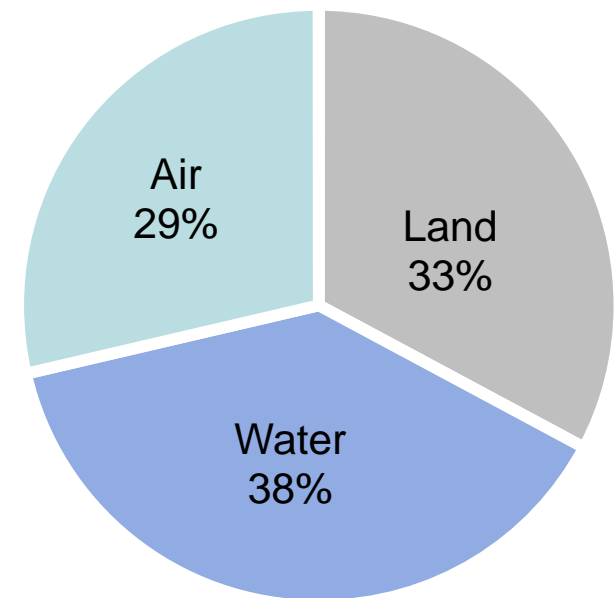
U.S. Gross Domestic Product: 2011



Maritime Transportation Contributes to the U.S. economy

- Vessels carry the largest share (in terms of value) of U.S. export goods (38 percent).
- Containerships transport a portion of the U.S. exports to foreign markets in shipping containers (known as TEUs = Twenty-foot Equivalent Units).

U.S. Exports by Mode of Transportation: 2011
percentage of U.S. dollars



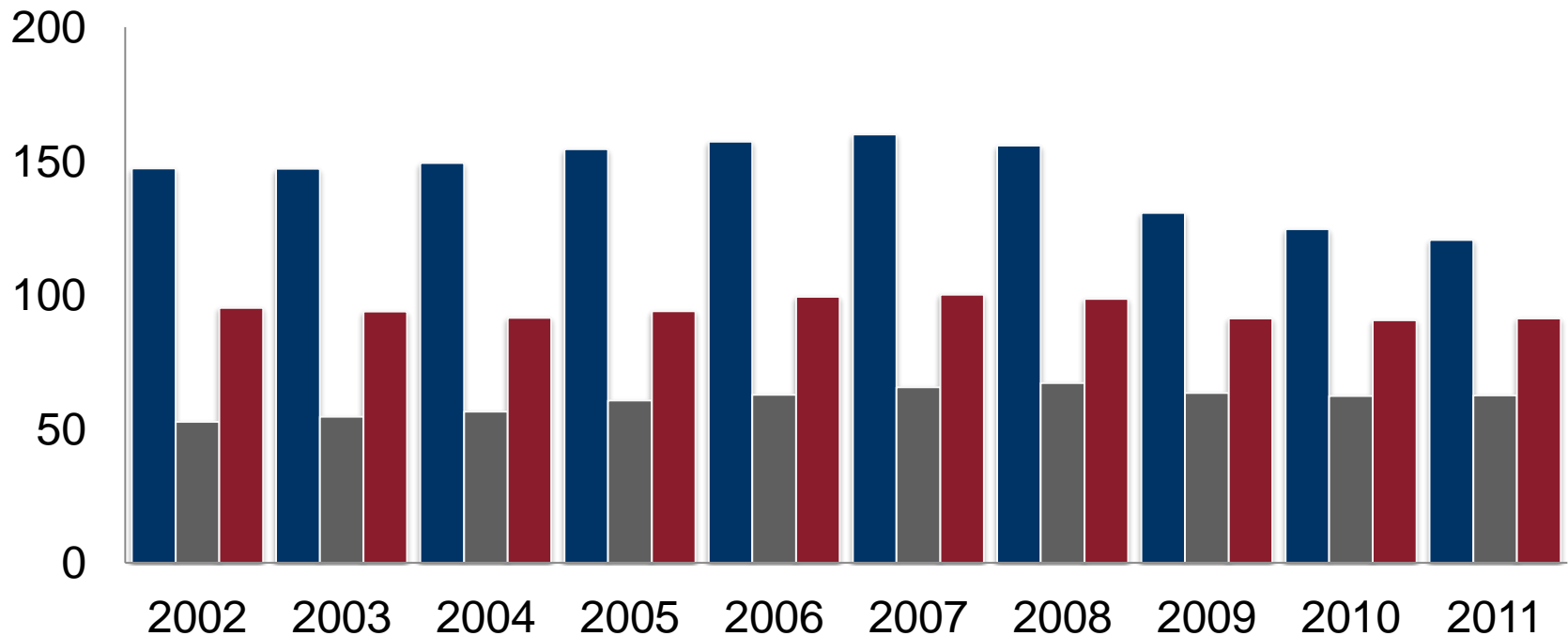
U.S. Exports Sustain Transportation Jobs

- Transporting U.S. export goods and services through the Marine Transportation System employs workers in:
 - Water transportation services,
 - Shipbuilding and repair, and
 - Support activities for water transportation. For example:
 - Port and harbor operations,
 - Marine cargo handling,
 - Navigational services to shipping, and
 - Other support activities.
- In addition, U.S. exports support many transportation and warehousing jobs (e.g., drayage trucking).

Supporting Marine Transportation Jobs

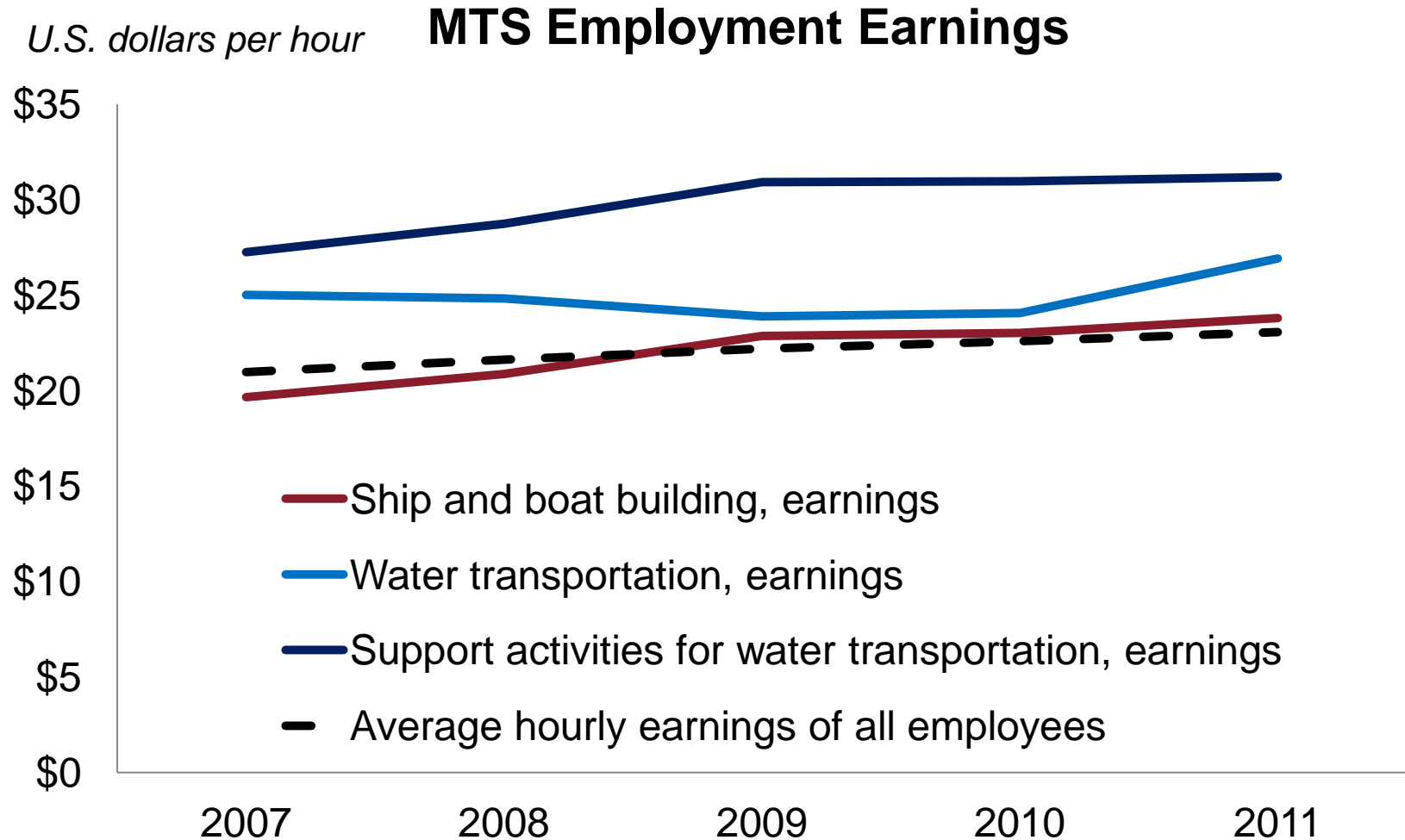
thousands

Employment by Maritime Transportation Industry



- Ship and boat building, employment
- Water transportation, employment
- Support activities for water transportation, employment

Supporting Marine Transportation Jobs (Cont.)



Top U.S. Export Trading Partners by Vessel

- The top U.S. export trading partners in 2011 (in terms of U.S. export value carried by vessel) are China, Japan, Mexico, Brazil, and South Korea.
- Maritime vessels carry over 50 of U.S. exports to 7 out of the top 10 U.S. export trading partners.
- The top U.S. export commodities are agricultural products. For instance, soybeans are the leading exports to China and Mexico, and corn to Japan.

Country	Value carried by Vessel	Value carried by Vessel as a Percent of Total
China	\$69,794,684,412	67.2%
Japan	\$34,966,335,181	52.8%
Mexico	\$26,968,821,921	13.7%
Brazil	\$26,087,493,194	60.7%
South Korea	\$25,063,769,420	57.6%
Netherlands	\$24,423,614,052	57.0%
Germany	\$19,395,000,525	39.5%
Australia	\$16,430,502,369	59.7%
U.K.	\$16,172,539,081	28.9%
Belgium	\$15,167,786,772	50.8%
World Total	\$570,285,645,554	38.5%

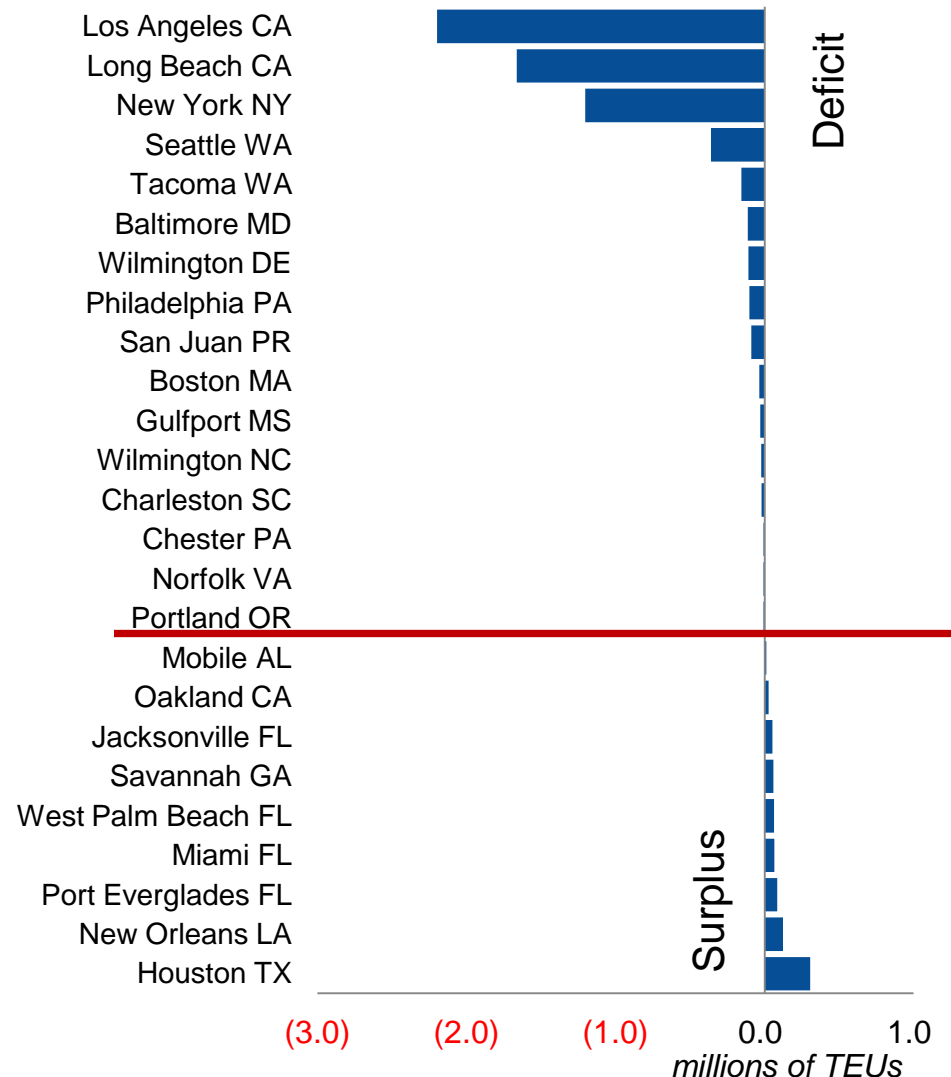


Top 25 U.S. Container Ports by Trade Balance

- Overall, the top three container port (in terms of container vessel value) in 2010 are:
 - Los Angeles,
 - Long Beach, and
 - New York/New Jersey.

- At the port of Los Angeles, the nation's busiest container port, imports exceeded exports by over two million TEUs, reflecting the large inbound trade from Asia, particularly China.

- Conversely, the port of Houston had a trade surplus of 306,000 TEUs. However, oil is by far the top export through the port.



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