

# FTC Meeting of the Modes Tampa

## The Trucking Industry Today

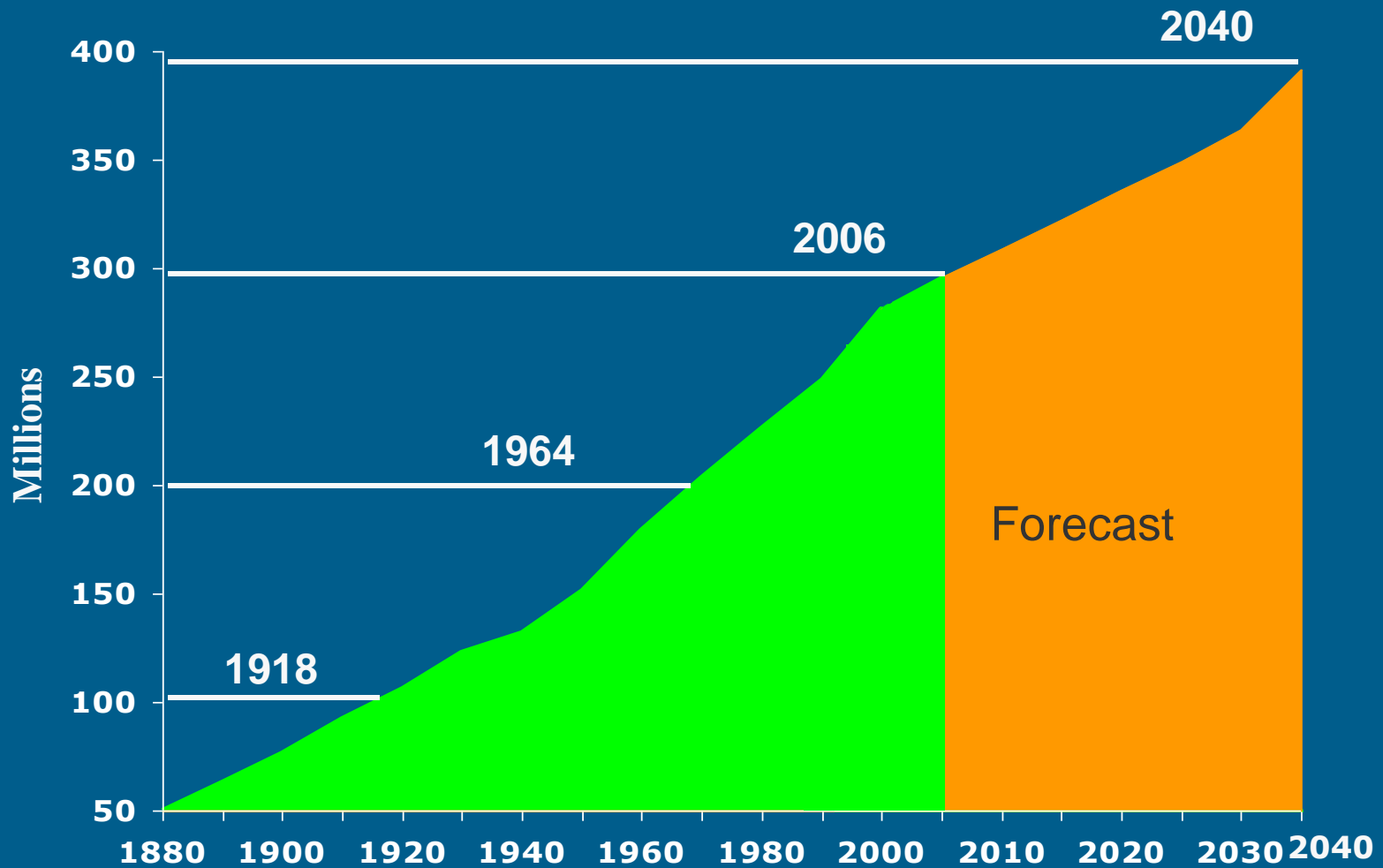
**James Long**  
**Vice President,**  
**Florida Trucking Association**



*Without Trucks, Florida Stops!*

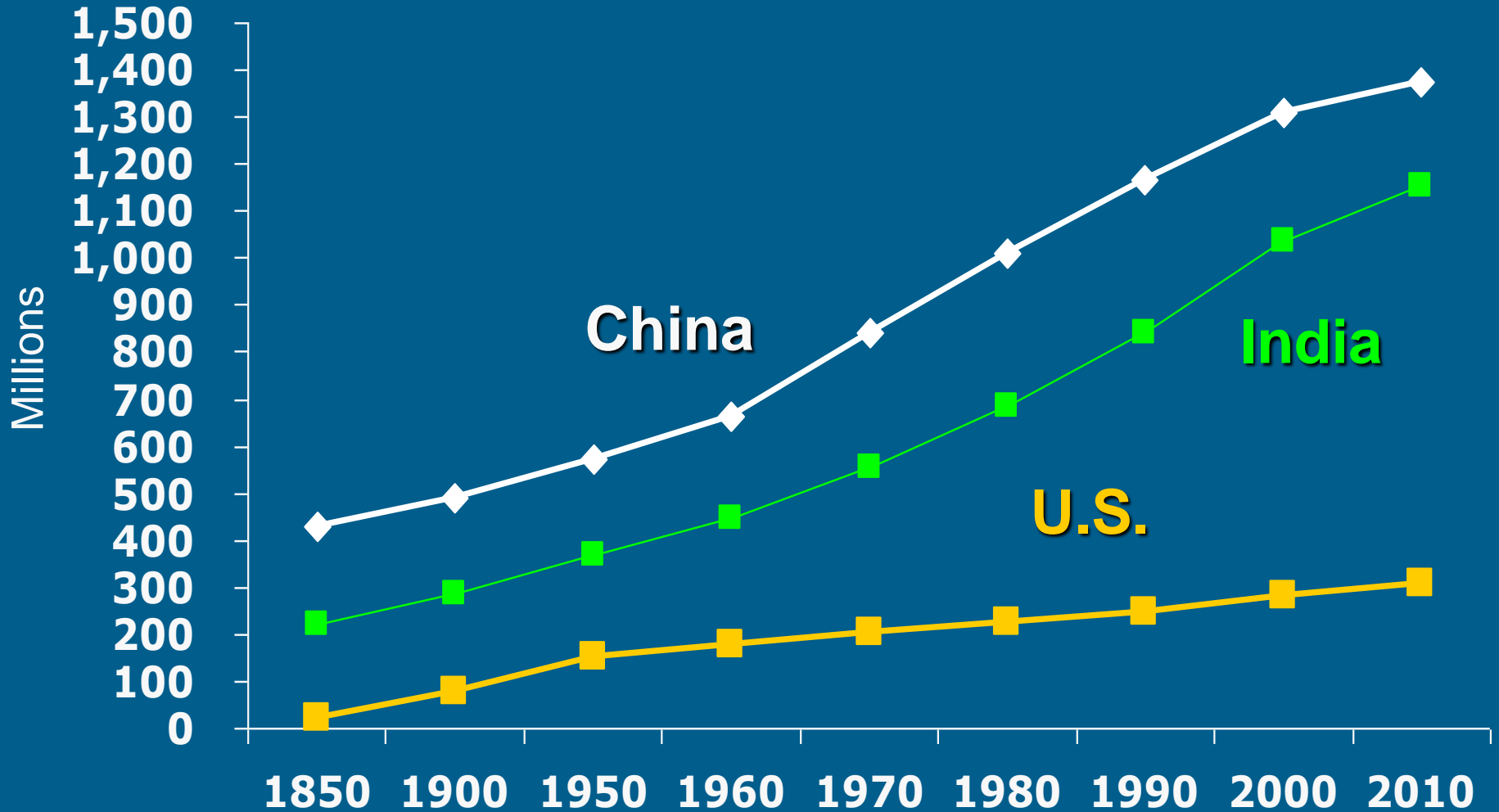


# U.S. Population Growth



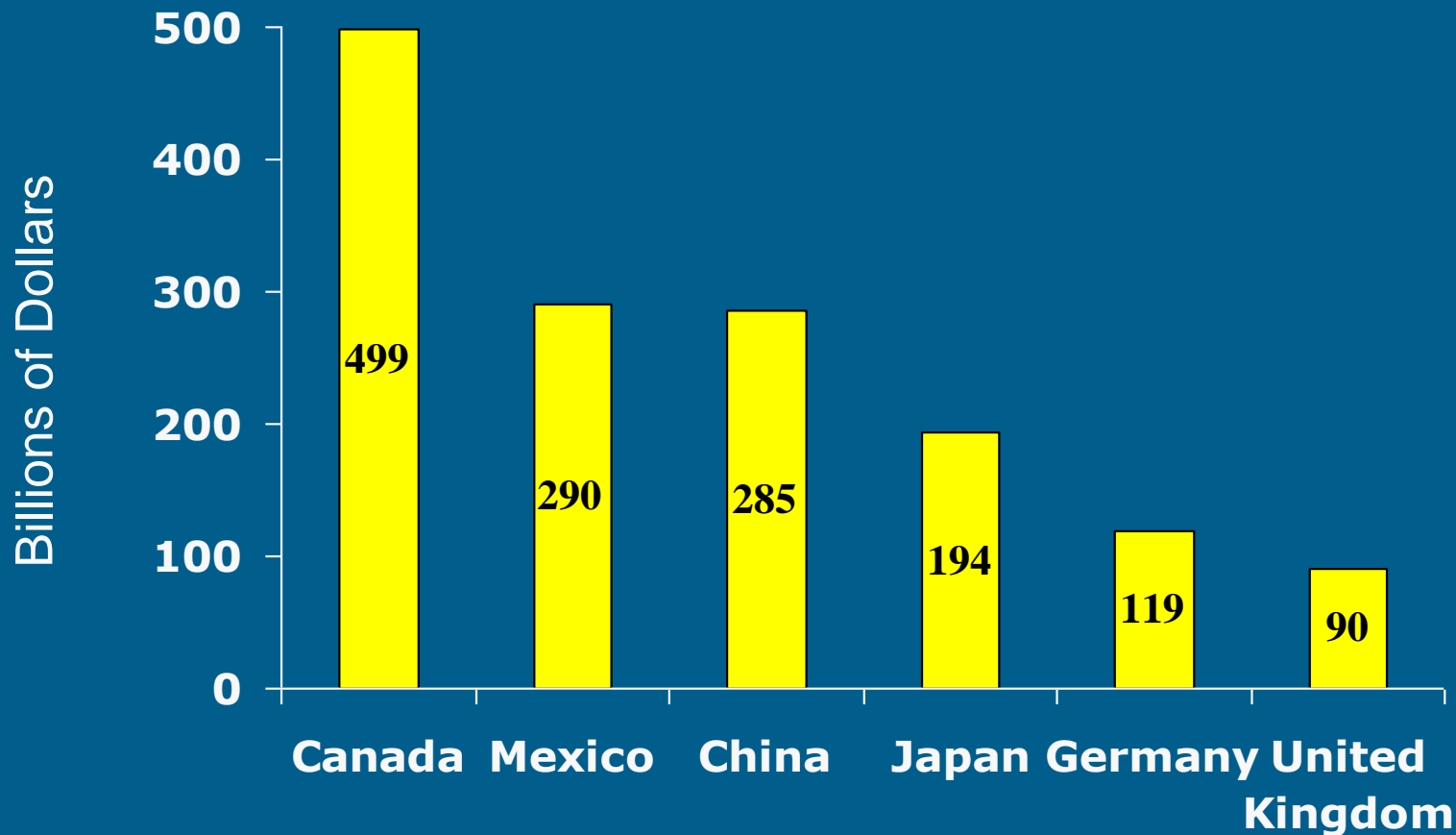
Source: Census Bureau

# U.S. and China Population History & Forecast



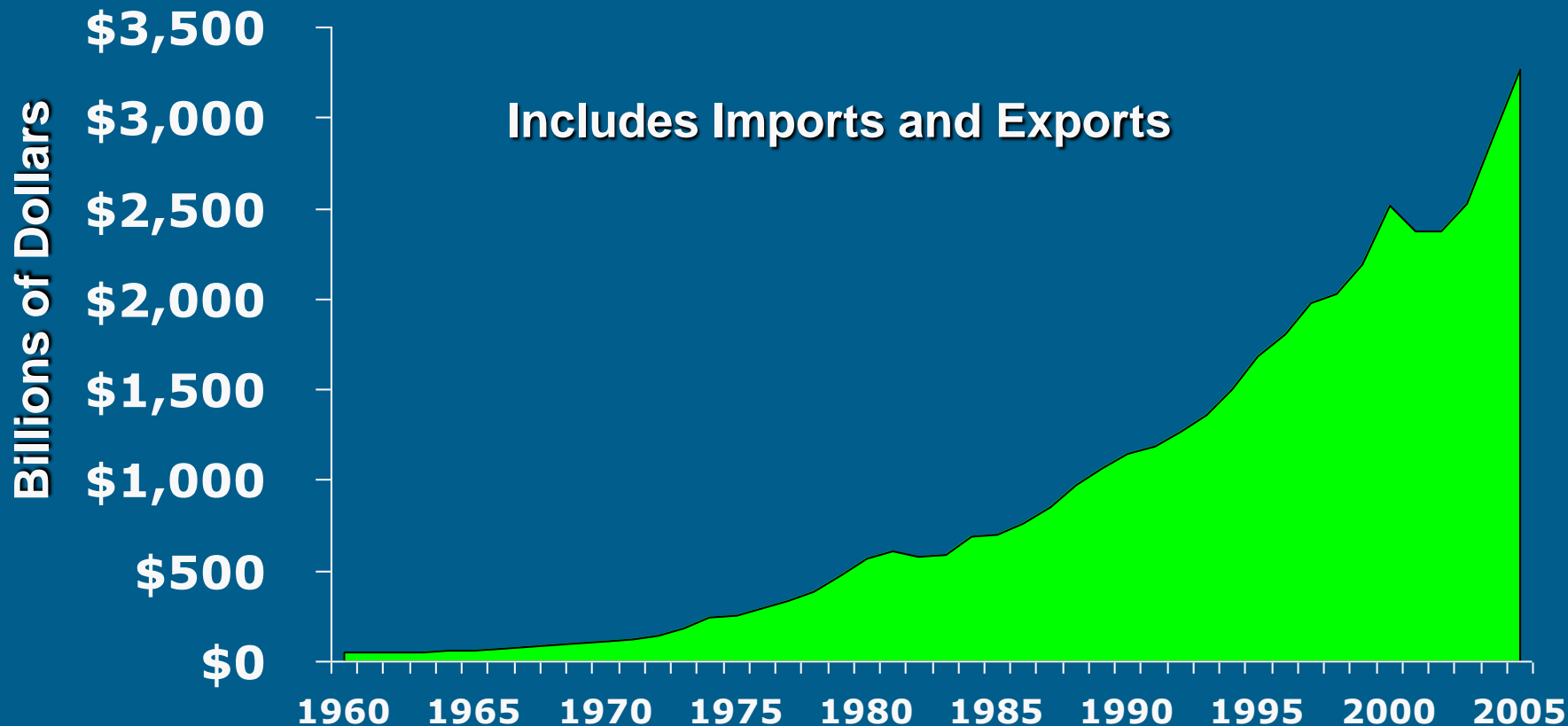
Source: U.S. Census Bureau

# America's Top Trading Partners-2005



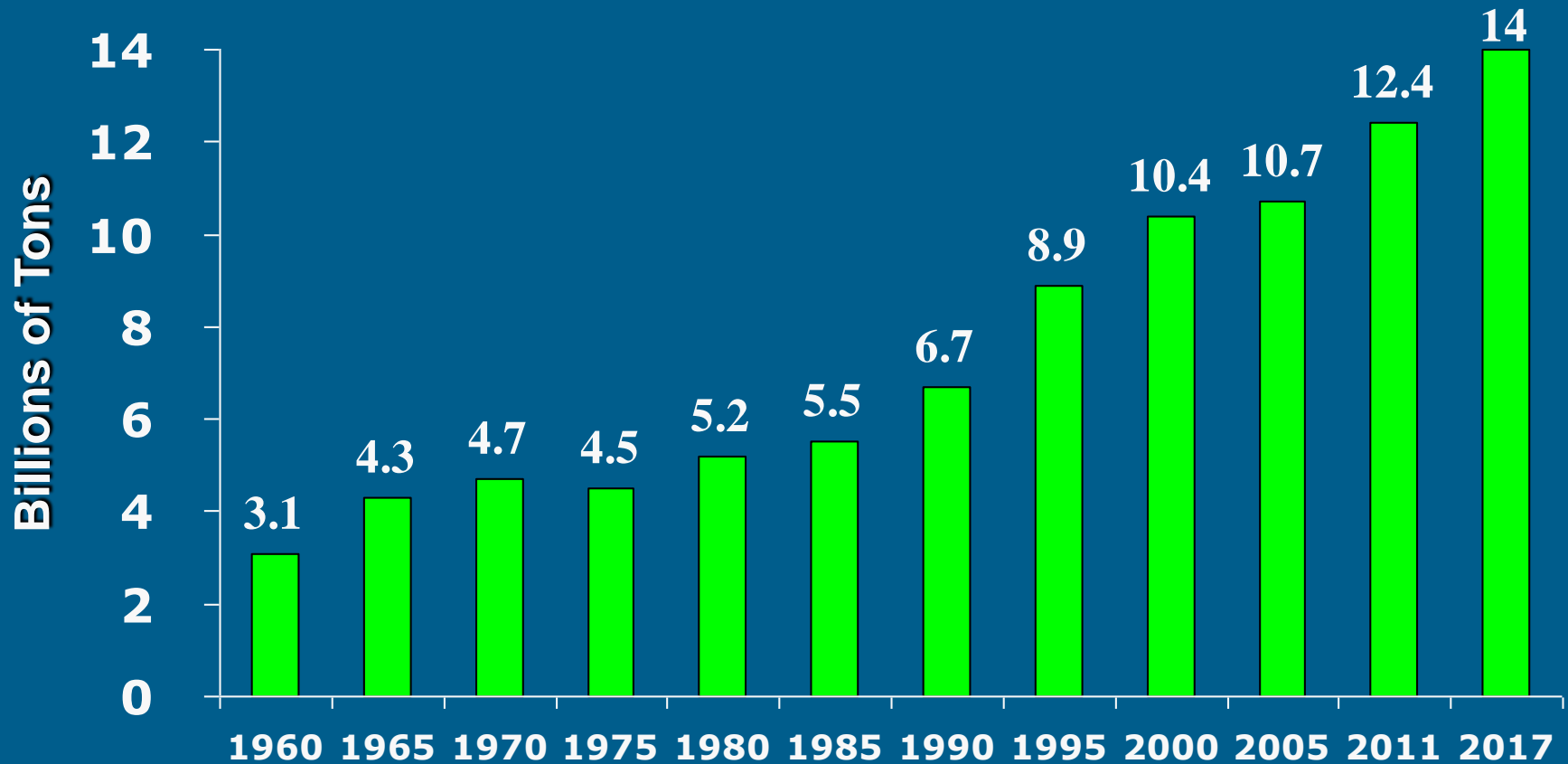
Source: U.S. Census Bureau

# Growth in Foreign Trade: 1960 to 2005



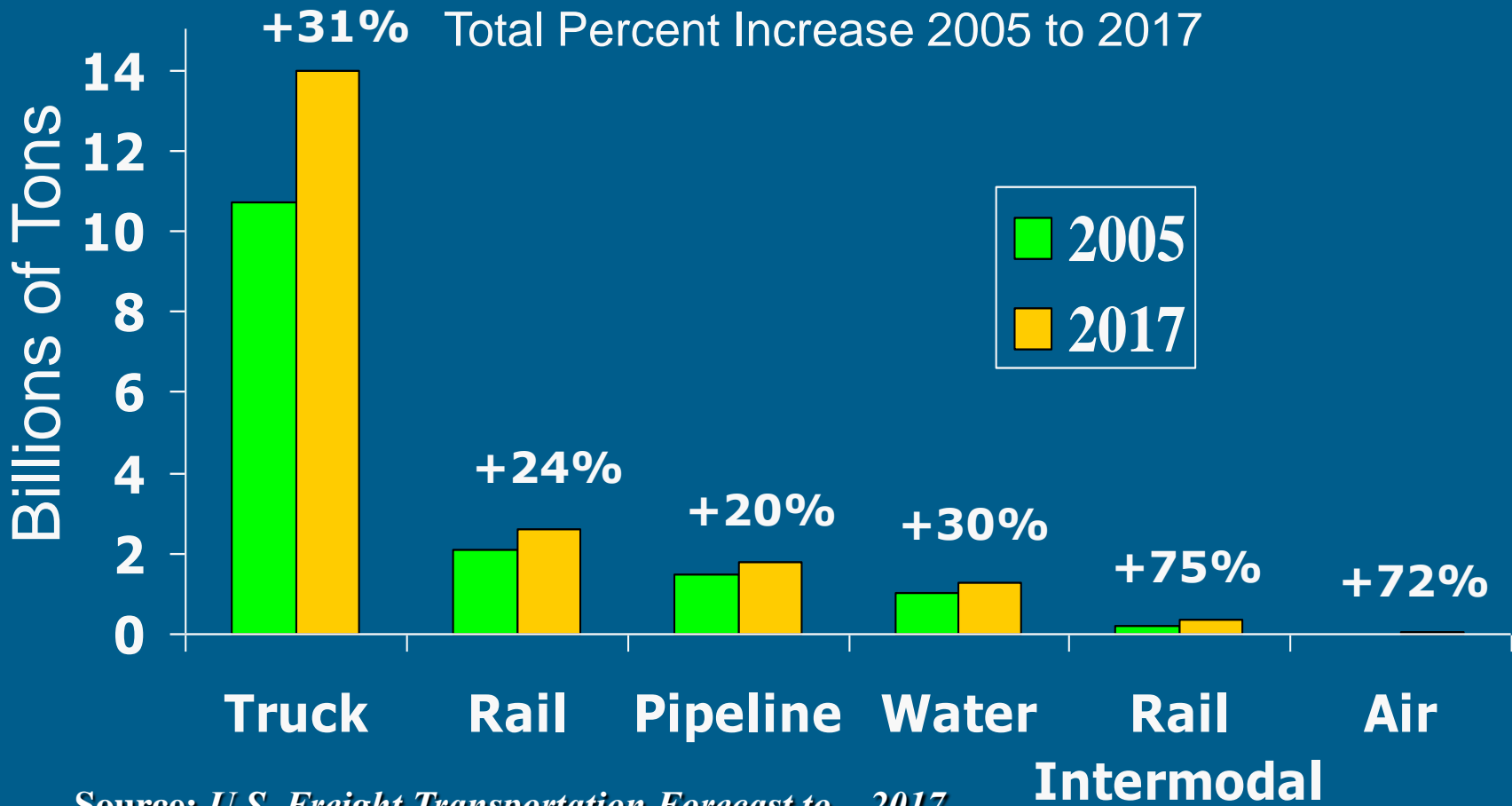
Source: Census Bureau

# Growth in Truck Tonnage: 1960 to 2017



Source: ATA

# Projected Growth in Freight Transportation Tonnage: 2005 to 2017

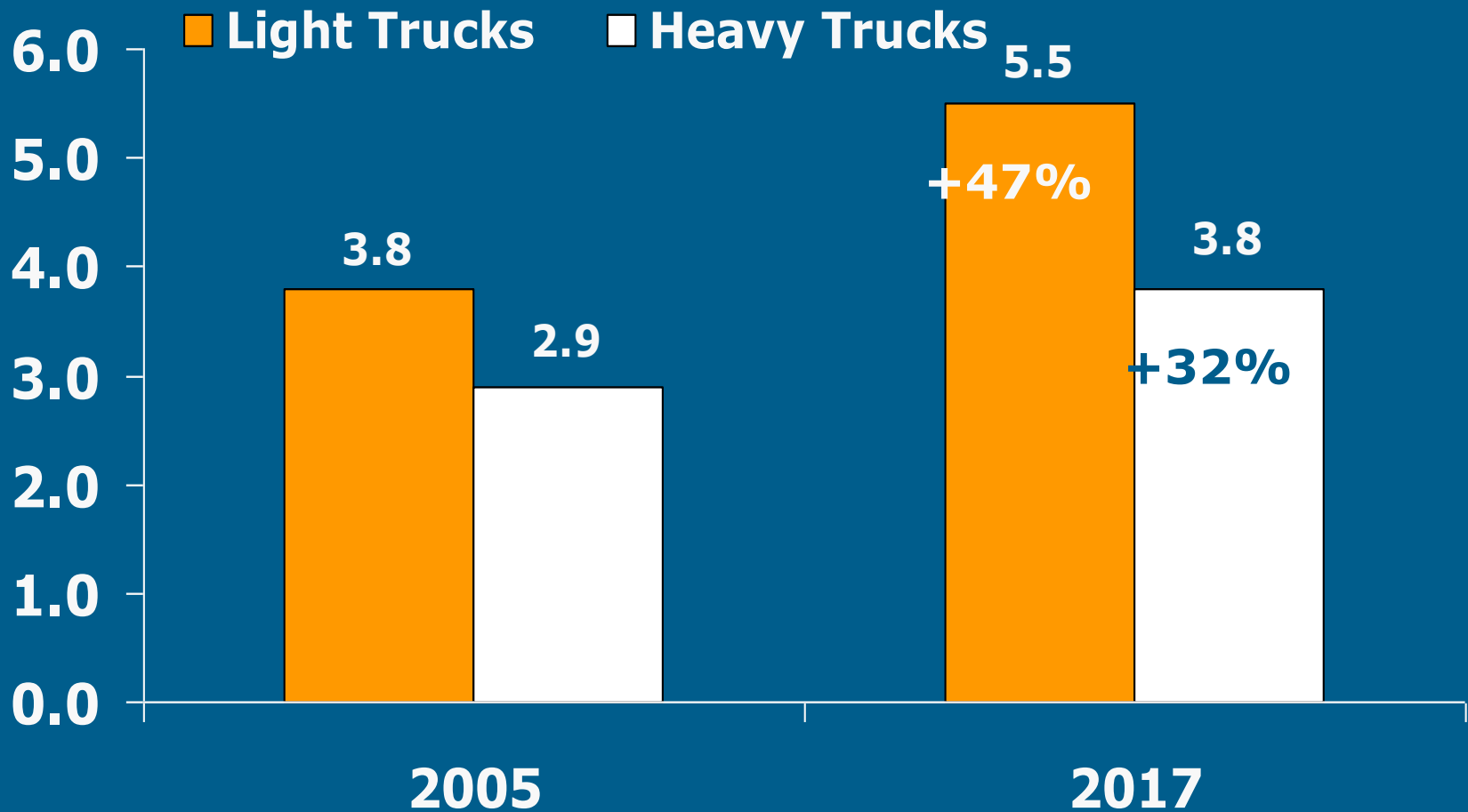


Source: *U.S. Freight Transportation Forecast to...2017*

**Intermodal**

# Commercial Truck Population Growth

Total Increase from 2005 to 2017; Millions of Trucks



Source: *U.S. Freight Transportation Forecast to...2017* & ATA



# More traffic on already overcrowded roads ....



# What Does Congestion Cost?

|  | <u>Billions of dollars</u> |
|--|----------------------------|
| <b>TTI estimates of delay and fuel waste</b> | <b>63.1</b>                |
| <b>Cities not included in TTI estimates</b>  | <b>12.8</b>                |
| <b>Productivity losses</b>                   | <b>38.0</b>                |
| <b>Unreliability losses</b>                  | <b>38.0</b>                |
| <b>Truck cargo delays</b>                    | <b>3.8</b>                 |
| <b>Safety and environmental costs</b>        | <b>12.6</b>                |
| <b>Total highway congestion costs</b>        | <b>168.3</b>               |

# Congestion Costs Growing Faster than GDP

- ❑ Since 1982, the cost of congestion has grown at 8 % per year, more than double the rate of growth of the economy
- ❑ In 20 years, continued growth at this rate would bring the cost of congestion to \$890.5 billion
- ❑ Equal to 4.3 % of GDP

# Freight Bottlenecks

- ❑ 2004 FHWA study identified top 200 highway freight bottlenecks
- ❑ Cost trucking industry more than 243 million hours annually
- ❑ Direct financial cost of approximately \$7.8 billion
- ❑ Highway bottlenecks account for 40% of congestion

# Worst Freight Bottlenecks in Florida

## (FHWA)

- ❑ **I-95@I-595 (Miami)**
  - ❑ 1,011,400 annual truck hours of delay
  - ❑ \$3.3 million in annual economic costs
- ❑ **I-10@U.S. 17A (Jacksonville)**
  - ❑ 595,200 annual truck hours of delay
  - ❑ \$1.9 million in annual economic costs
- ❑ **I-275@I-4 (Tampa)**
  - ❑ 540,500 annual truck hours of delay
  - ❑ \$1.7 million in annual economic costs
- ❑ **I-95@Golden Glades (Miami)**
  - ❑ 508,800 annual truck hours of delay
  - ❑ \$1.6 million in annual economic costs

# Total Florida Freight Bottleneck Costs

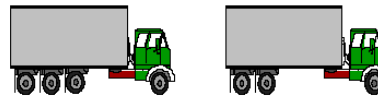
Eight worst highway bottlenecks in Florida cause 3.6 million annual hours of delay for trucks at an economic cost of \$116 million.\*

\*According to a study by the FHWA

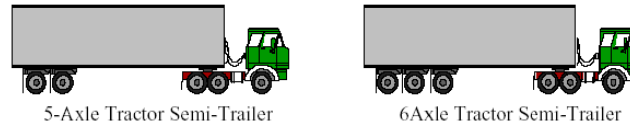
# Longer Combination Vehicles (LCVs)

Figure II-4. Illustrative Vehicle Configurations

## Single Unit Trucks

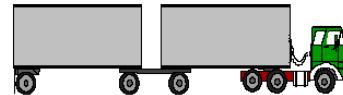


## Conventional Combination Vehicles



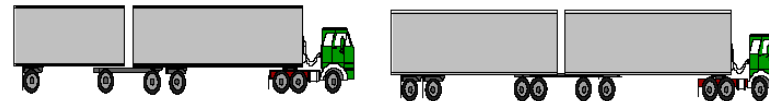
5-Axle Tractor Semi-Trailer

6-Axle Tractor Semi-Trailer



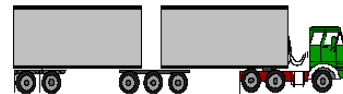
STAA or "Western" Double

## Longer Combination Vehicles (LCVs)

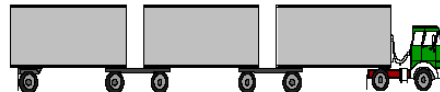


Rocky Mountain Double

Turnpike Double



8-Axle B-Train Double Trailer Combination



Triple Trailer Combination

# Intermodal Specific Concerns

- ❑ TWIC (\$150) vs. FUPAC (\$130) incompatibility
- ❑ Inconsistent security/access standards state to state, port to port, even terminal to terminal
- ❑ Roadability concerns for equipment chassis
- ❑ Delays, delays, delays





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