



# Market Perspective and Forecast

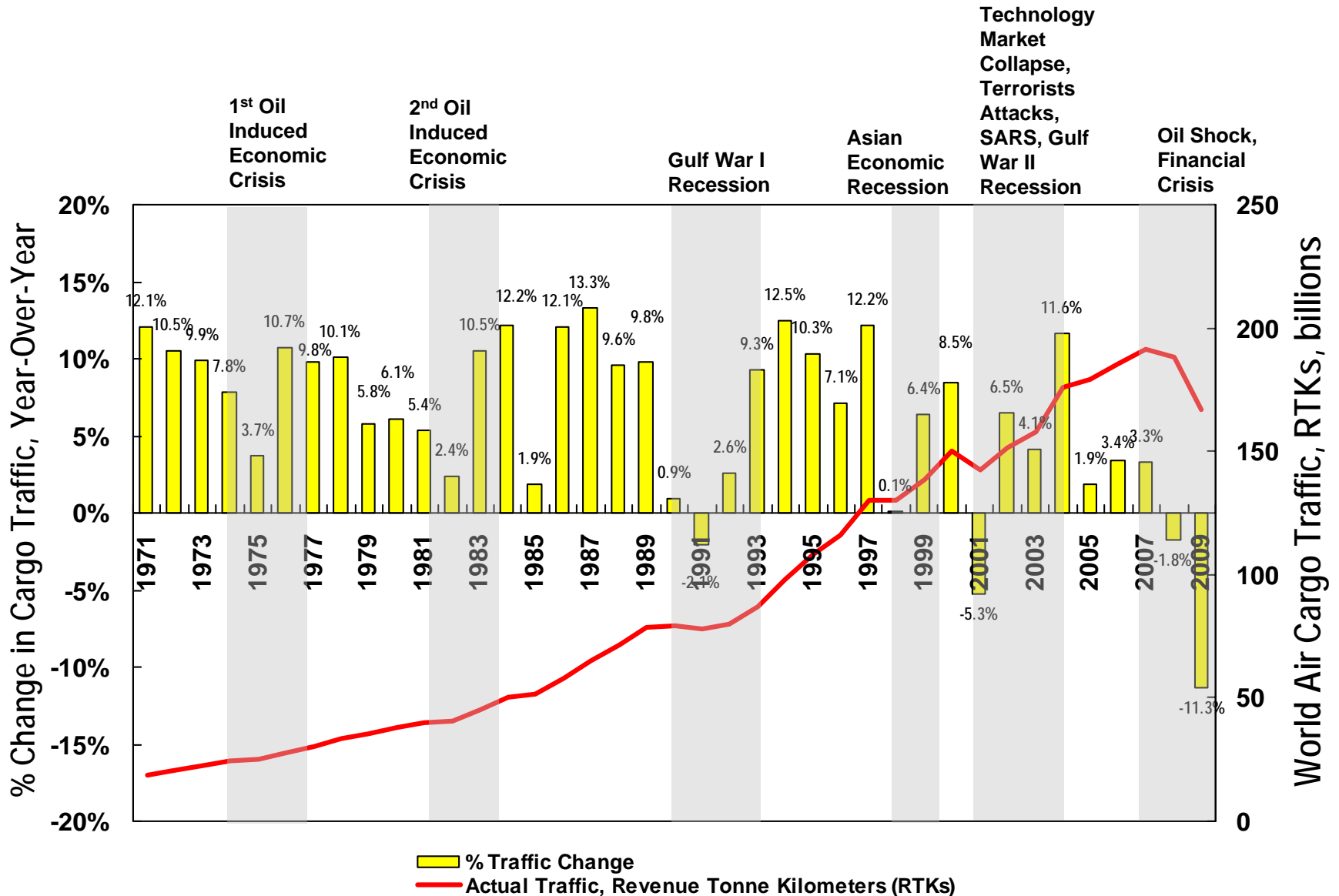
Russell Tom  
Regional Director, Cargo  
Marketing  
February 3, 2011



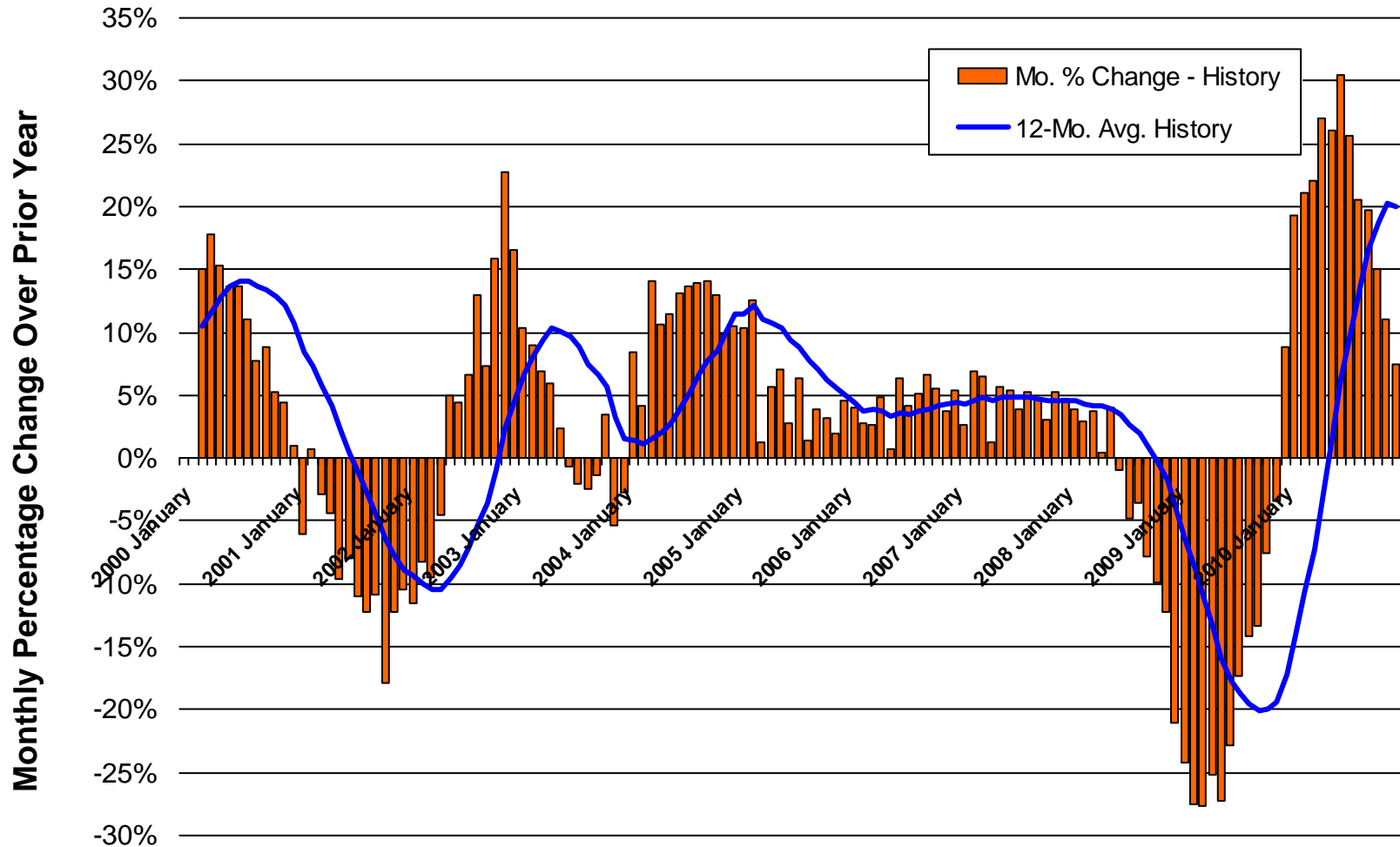
# Agenda

- **Current State of the World Air Cargo Market**
- **Cargo Outlook (2009 – 2029)**
- **Long-Term Freighter Fleet Forecast (2009 – 2029)**

# World Air Cargo Traffic Growth Has Been Averaging 6.1% Per Year Since 1970



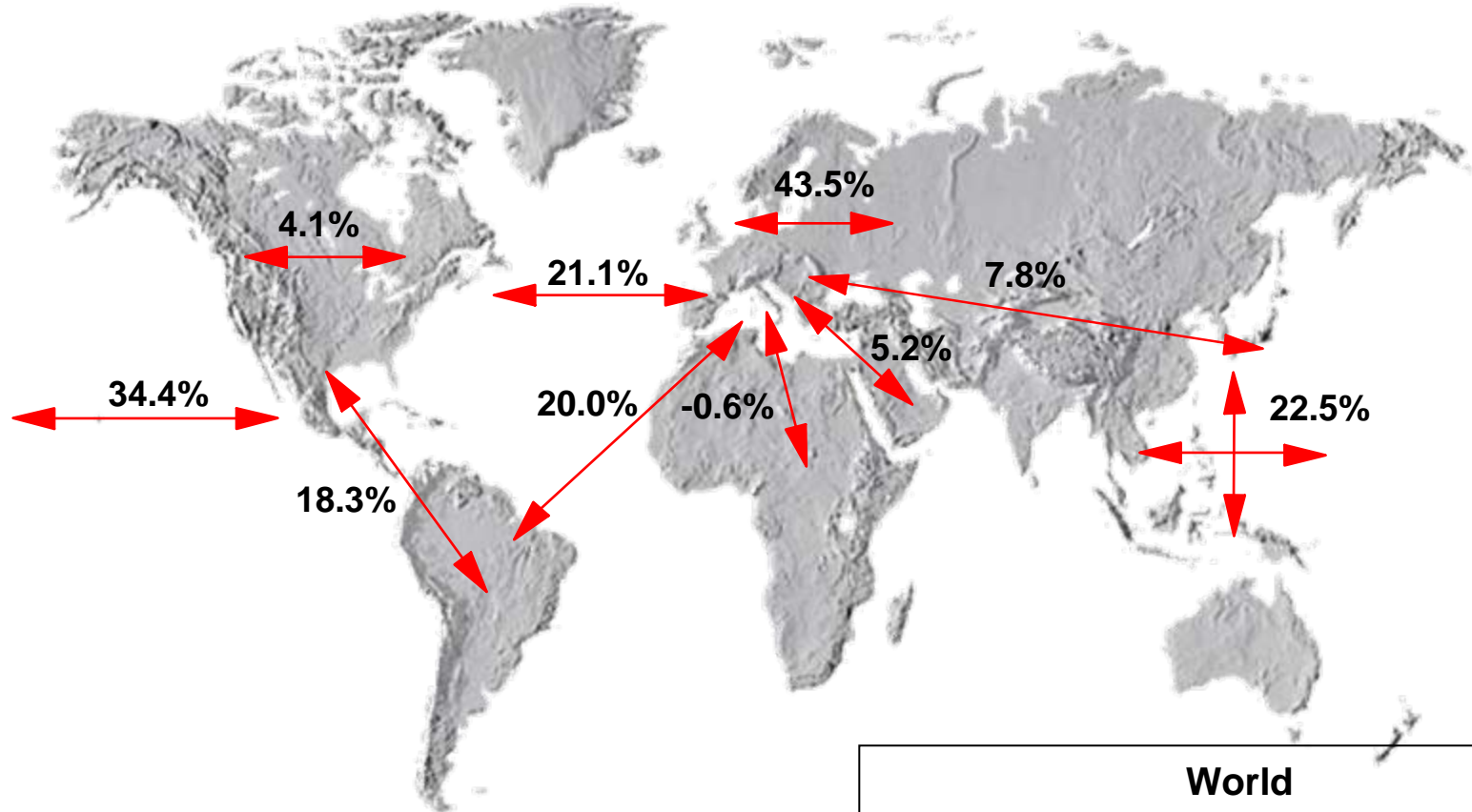
# World Air Cargo Traffic Continues Recovering after High Fuel Prices and World Economic Slowdown



Sources: U.S. Department of Commerce, AAPA, AEA, ATA, and the Boeing World Air Cargo Forecast.

# World Air Cargo Grew 20.0% for Jan-Nov 2010 Relative to Traffic Levels for Jan-Nov 2009

## Year To Date Air Cargo Growth by Regional Market

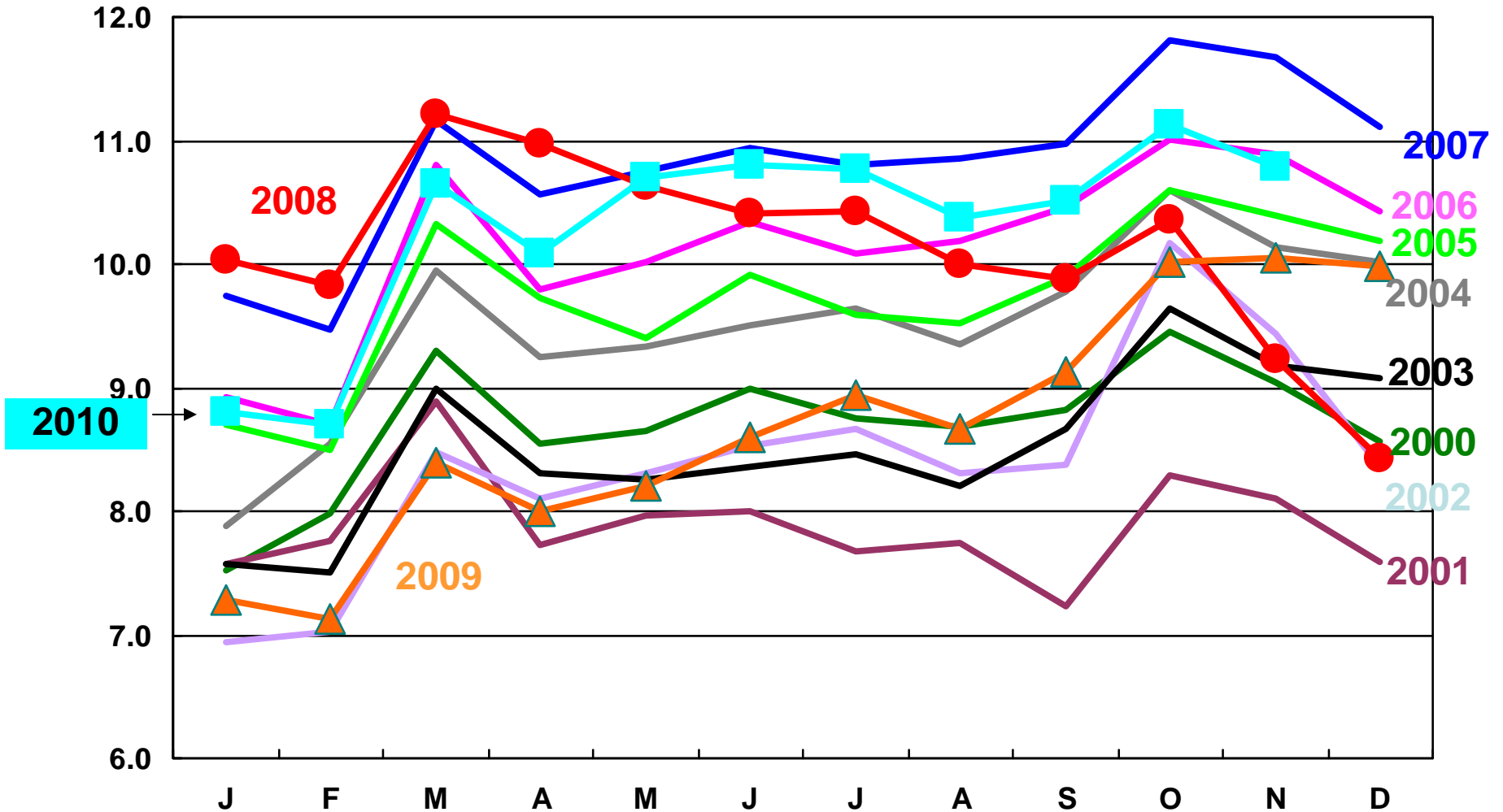


YTD Year-Over Comparison

**World**  
**Jan - Nov 2010 vs. Jan - Nov 2009: 20.0%**

# World Air Cargo Traffic Rebounding in 2010

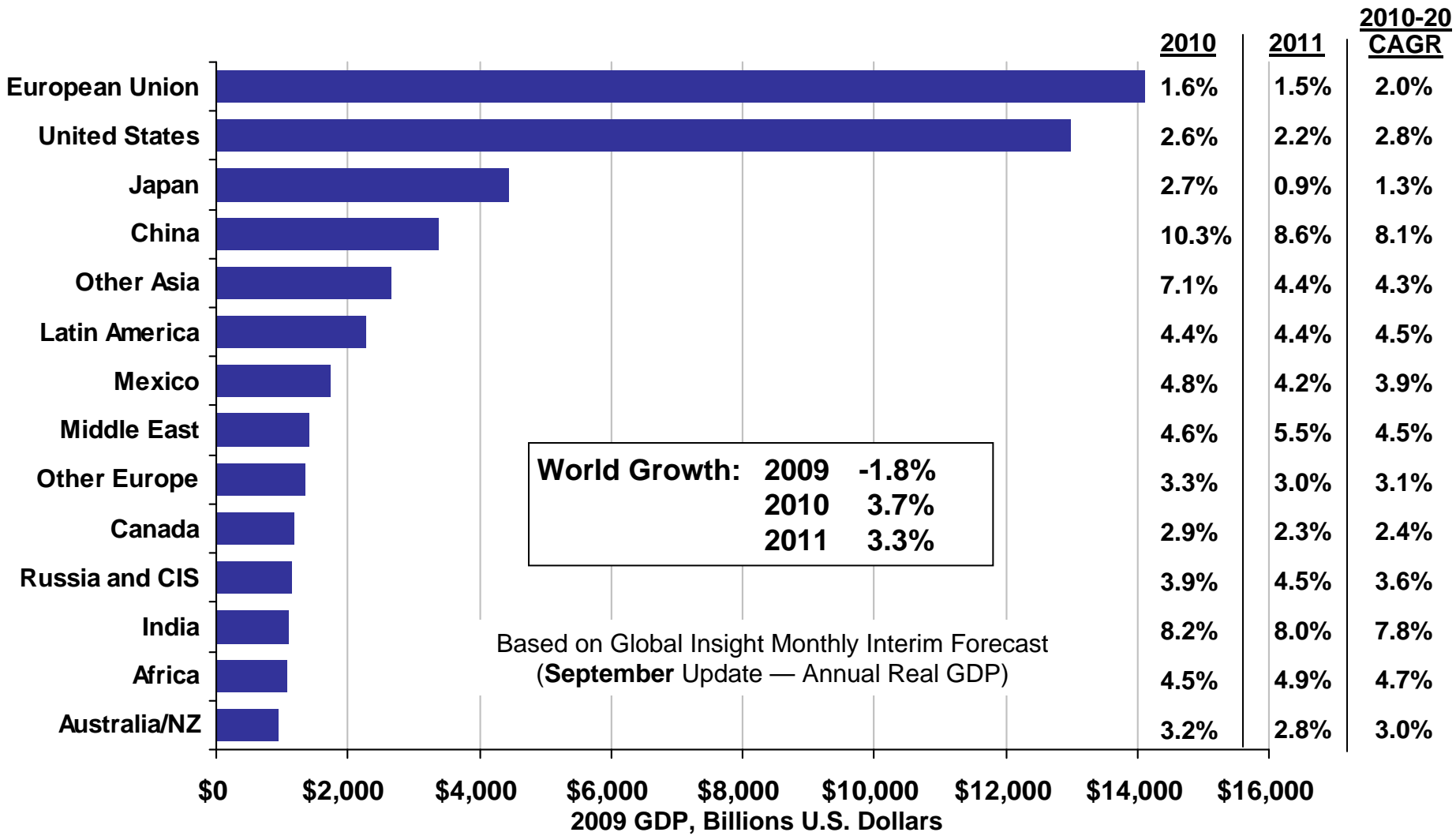
Billions of RTKs



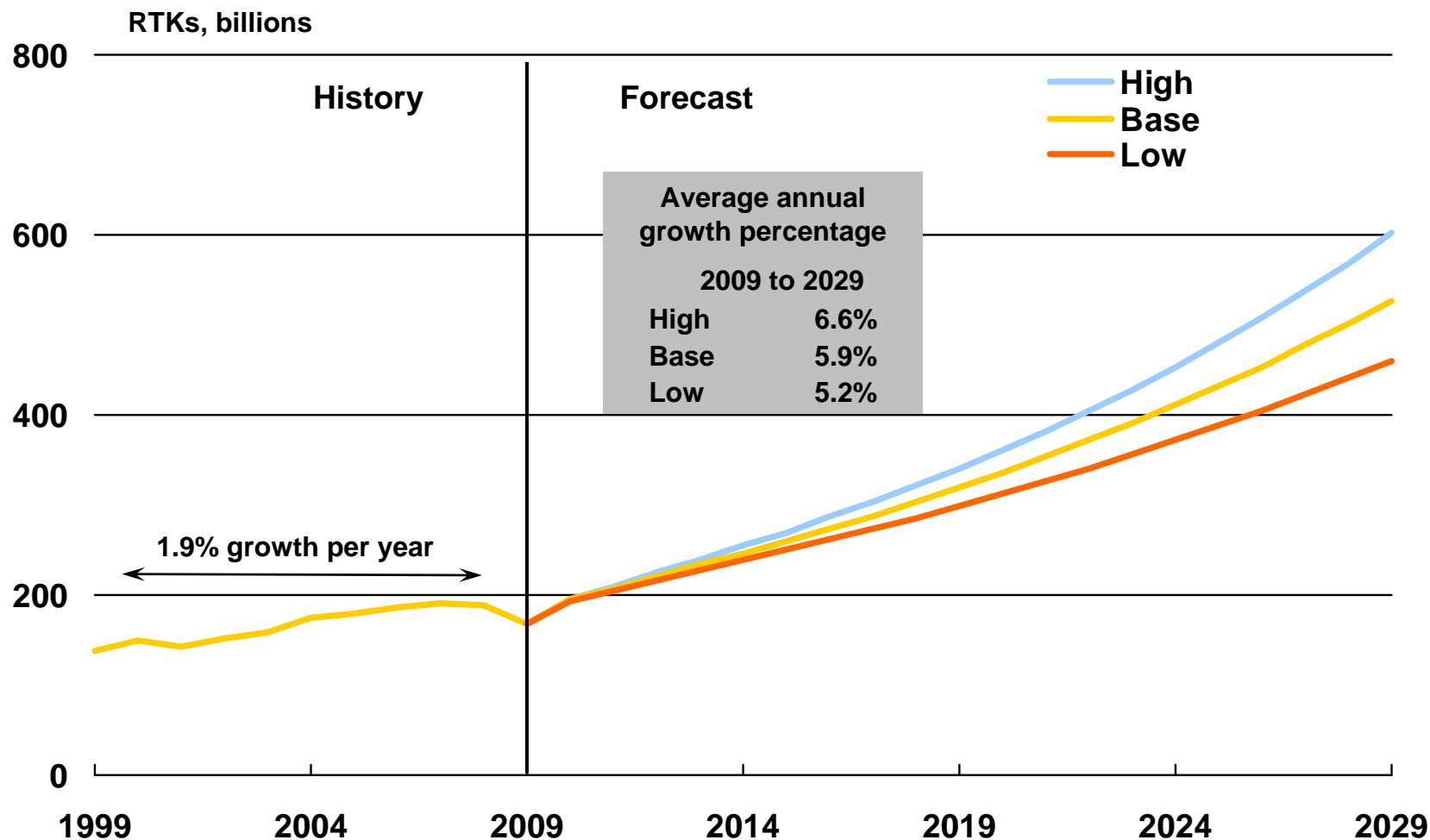
Sources: U.S. Department of Commerce, AAPA, AEA, ATA, and the Boeing World Cargo Forecast.

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# Asia Leading Move From Recovery to Expansion

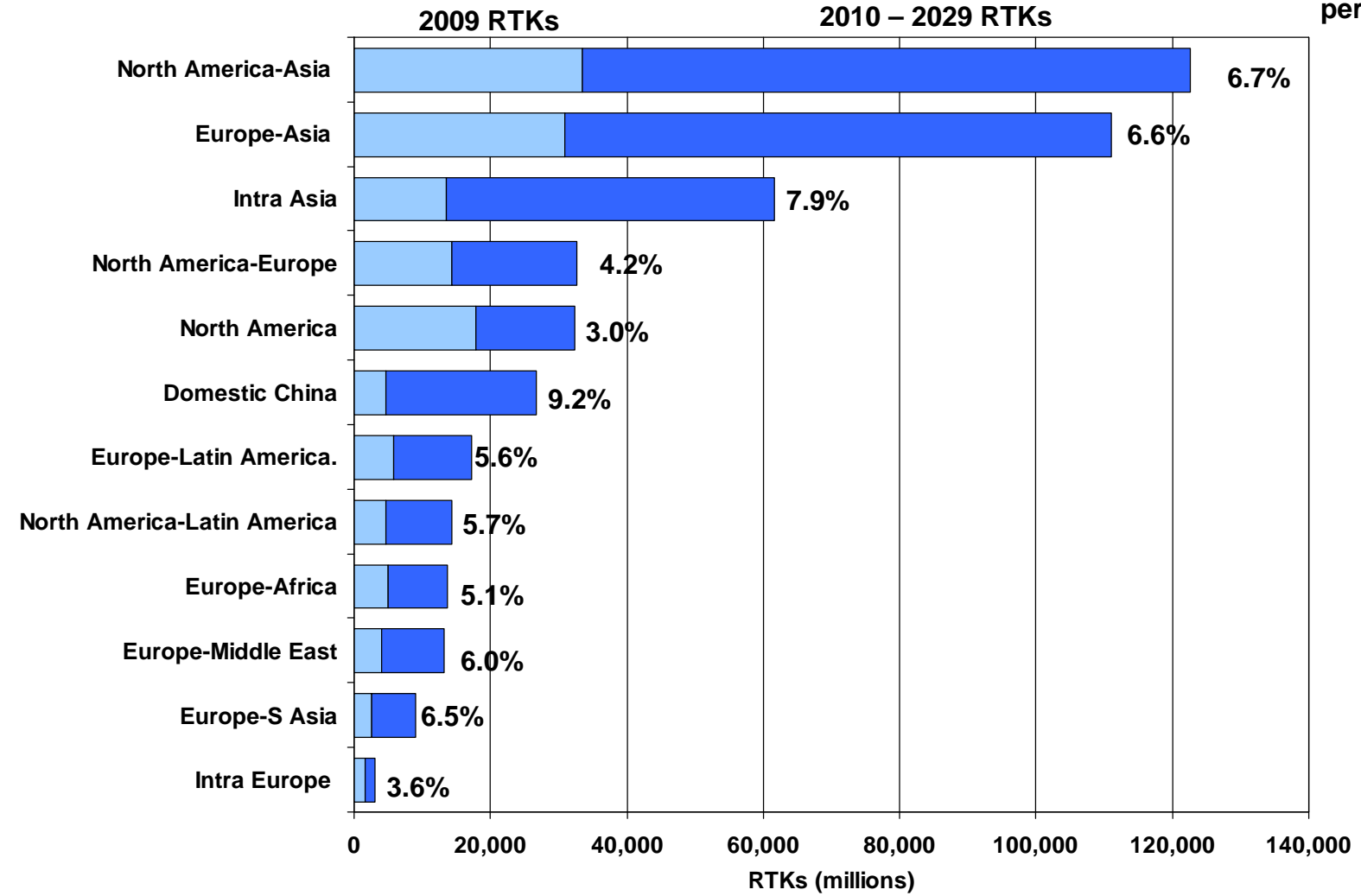


# World Air Cargo Will Grow 5.9% Per Year Through 2029



# World Air Cargo Traffic Growth Will Be Led By Asia Cargo Markets

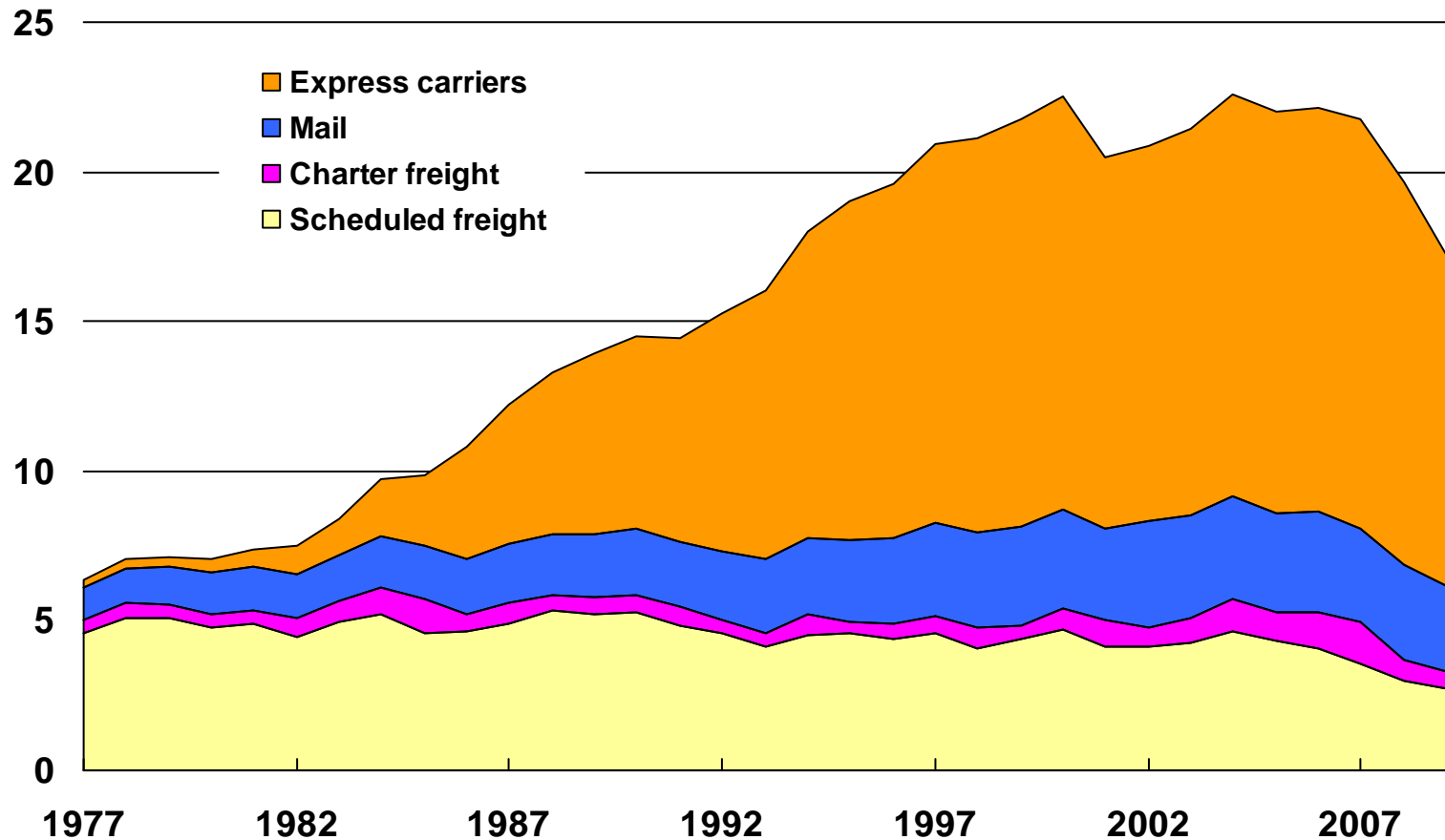
Annual Growth, percentage



**Long-haul markets lead industry growth**

# Express Carriers Dominate the U.S. Domestic Air Cargo Market

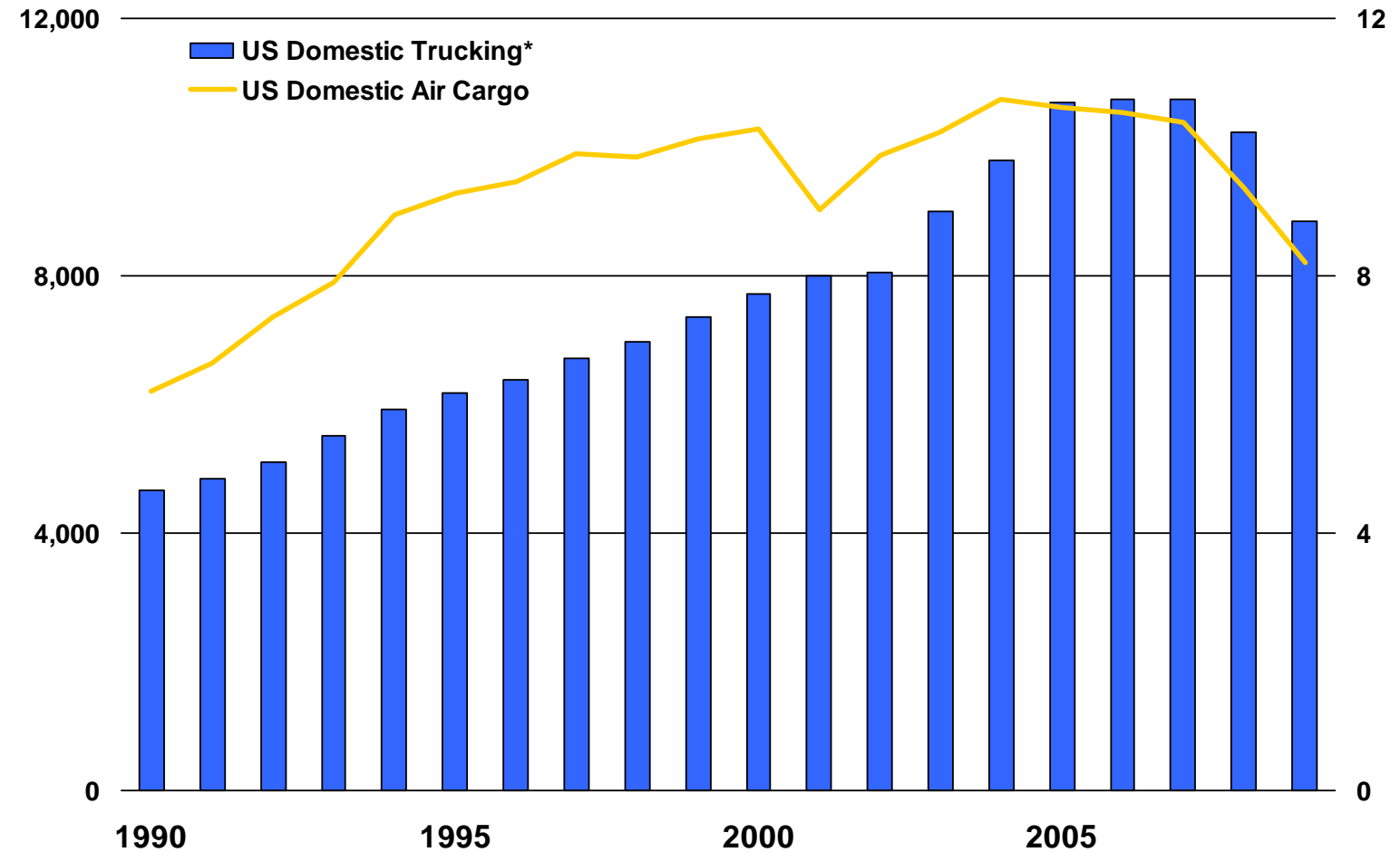
RTKs, billions



# Trucking and Air Cargo Traffic Growth Has Declined

U.S. domestic trucking traffic, million tonnes

U.S. domestic air cargo traffic, million tonnes

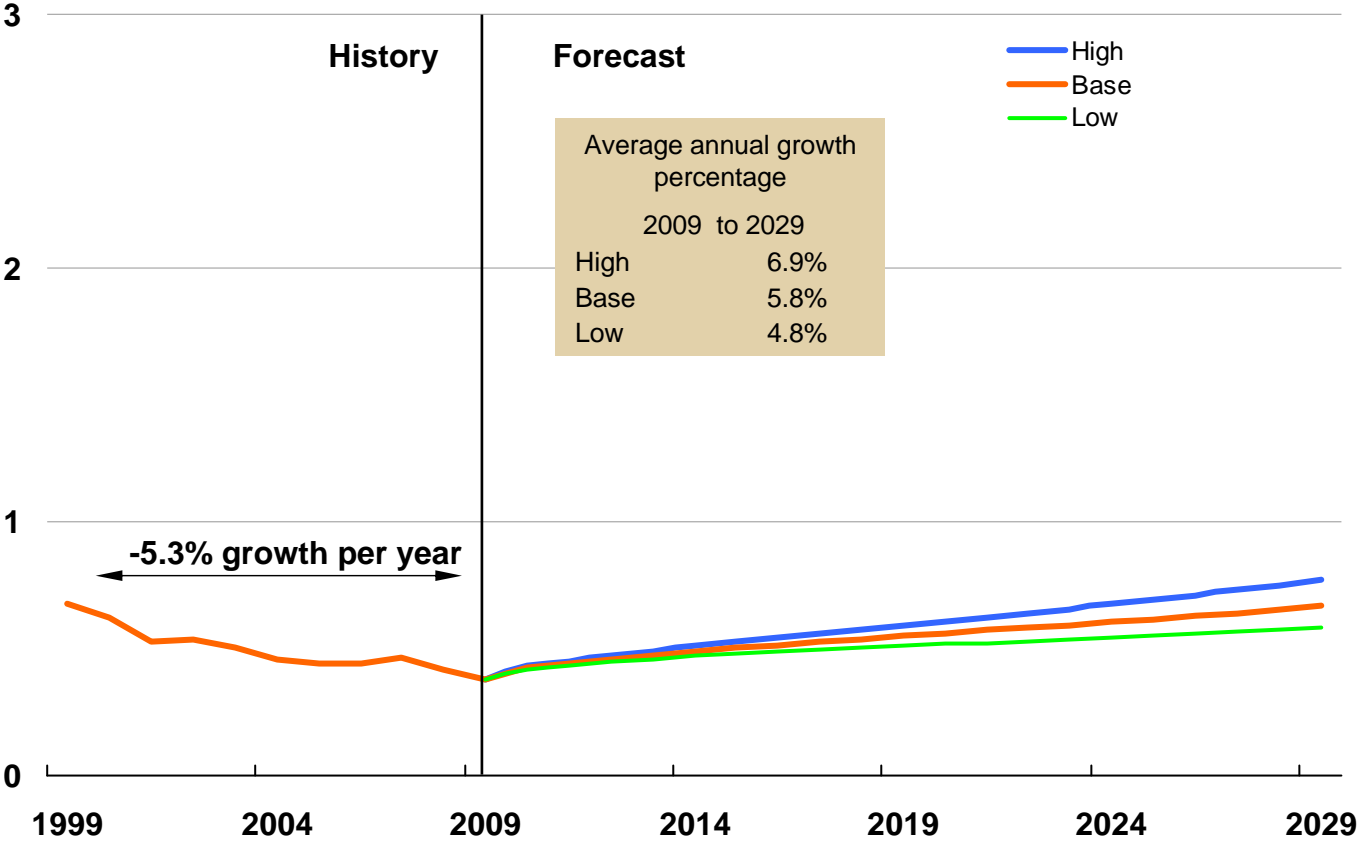


\*Figures include for-hire and private carriage.

Sources: IATA and American Trucking Associations.

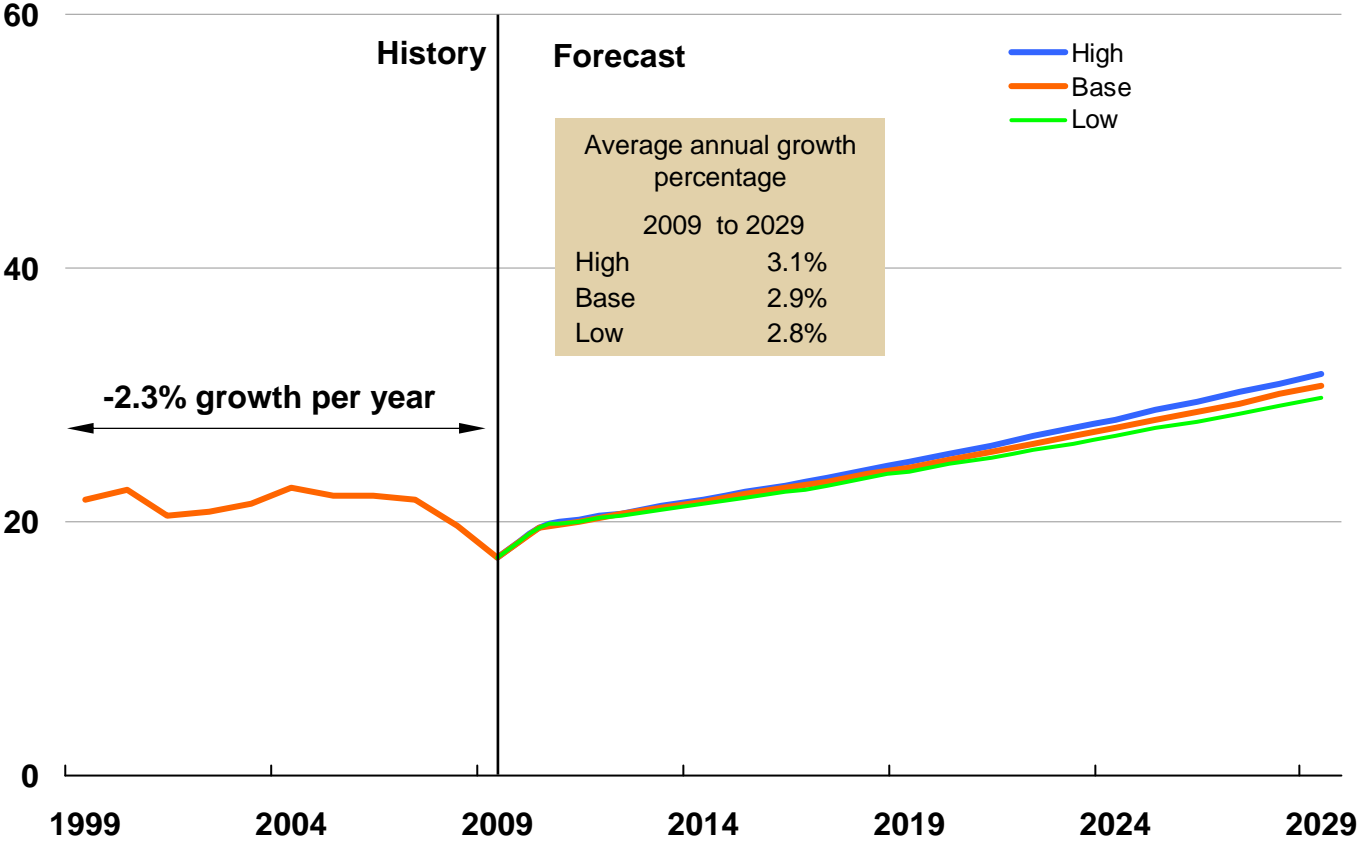
# U.S. and Canada Transborder Air Cargo Traffic to Grow 5.8% 2009-2029

RTKs, billions



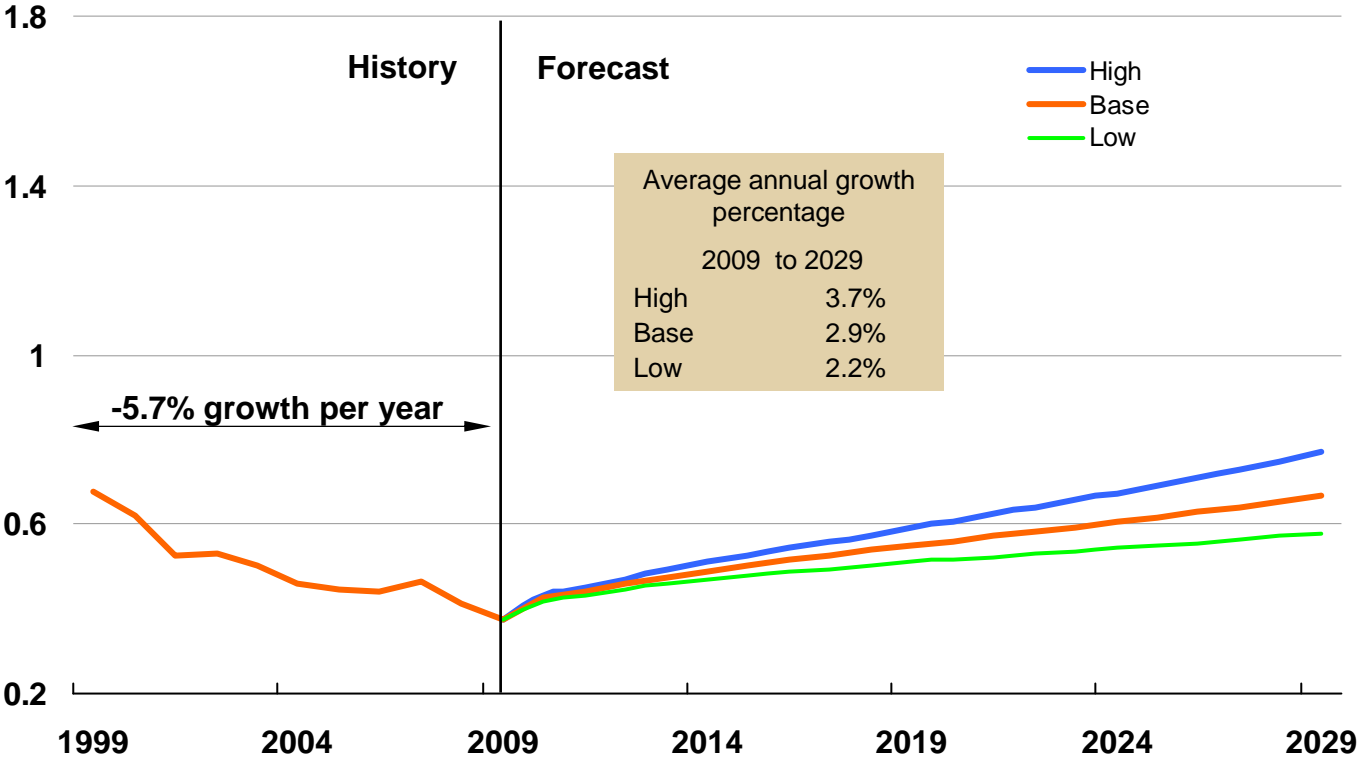
# U.S. Domestic Market to Grow 2.9% 2009-2029

RTKs, billions



# Domestic Canada Air Cargo Market to Grow 2.9% 2009-2029

RTKs, billions



# Freighter fleet grouped into size categories

## **Standard-body**

*(less than 45 tonnes)*

BAe-146    707  
DC-9\*     DC-8\*  
737\*      757-200  
727\*      A320\*  
Tu-204    MD-80\*

## **Medium Widebody**

*(40 to 80 tonnes)*

767\*  
A300\*  
A310\*  
L-1011SF  
DC-10\*  
787  
A330\*  
777-A SF  
IL-76TD

## **Large**

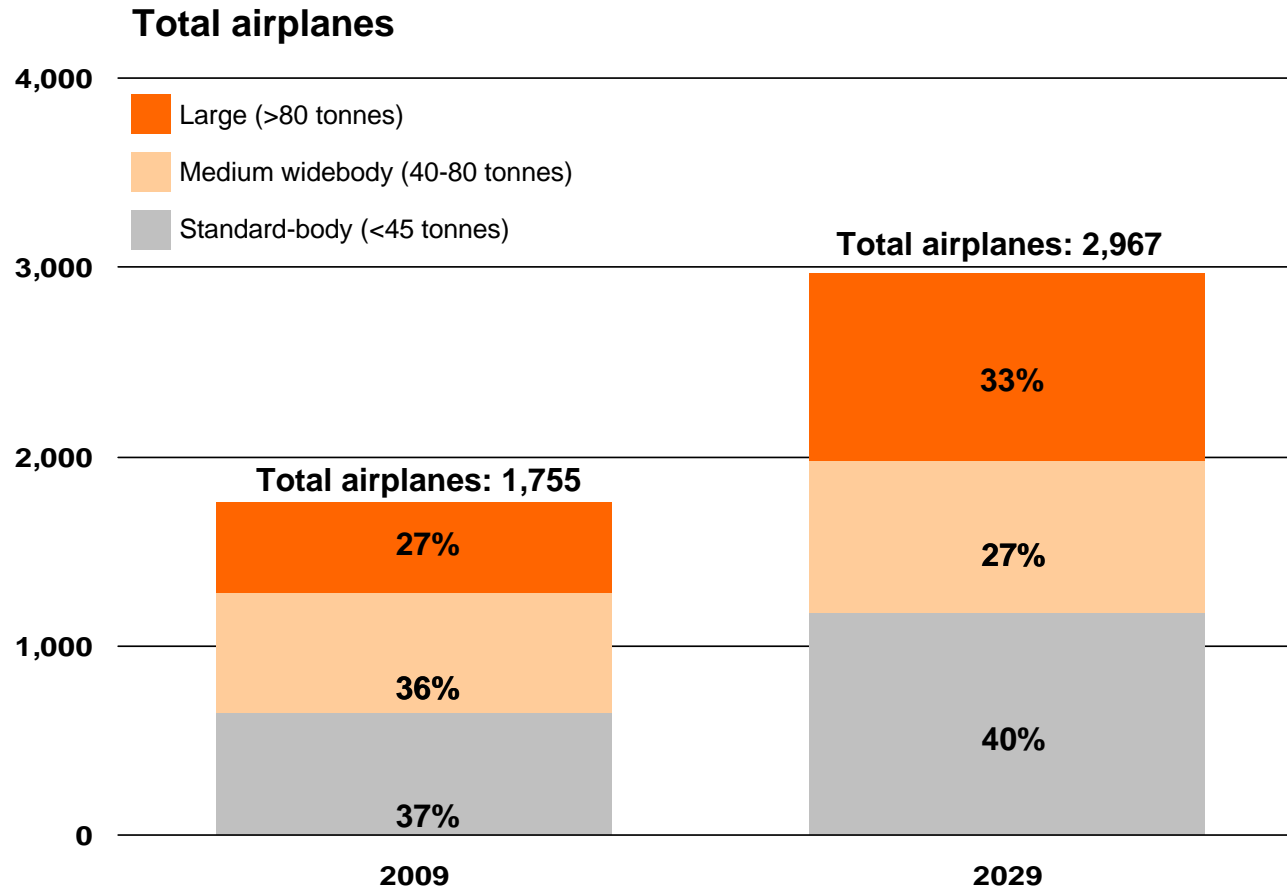
*(more than 80 tonnes)*

MD-11  
747\*  
777  
A350  
A380  
IL-96T  
AN-124

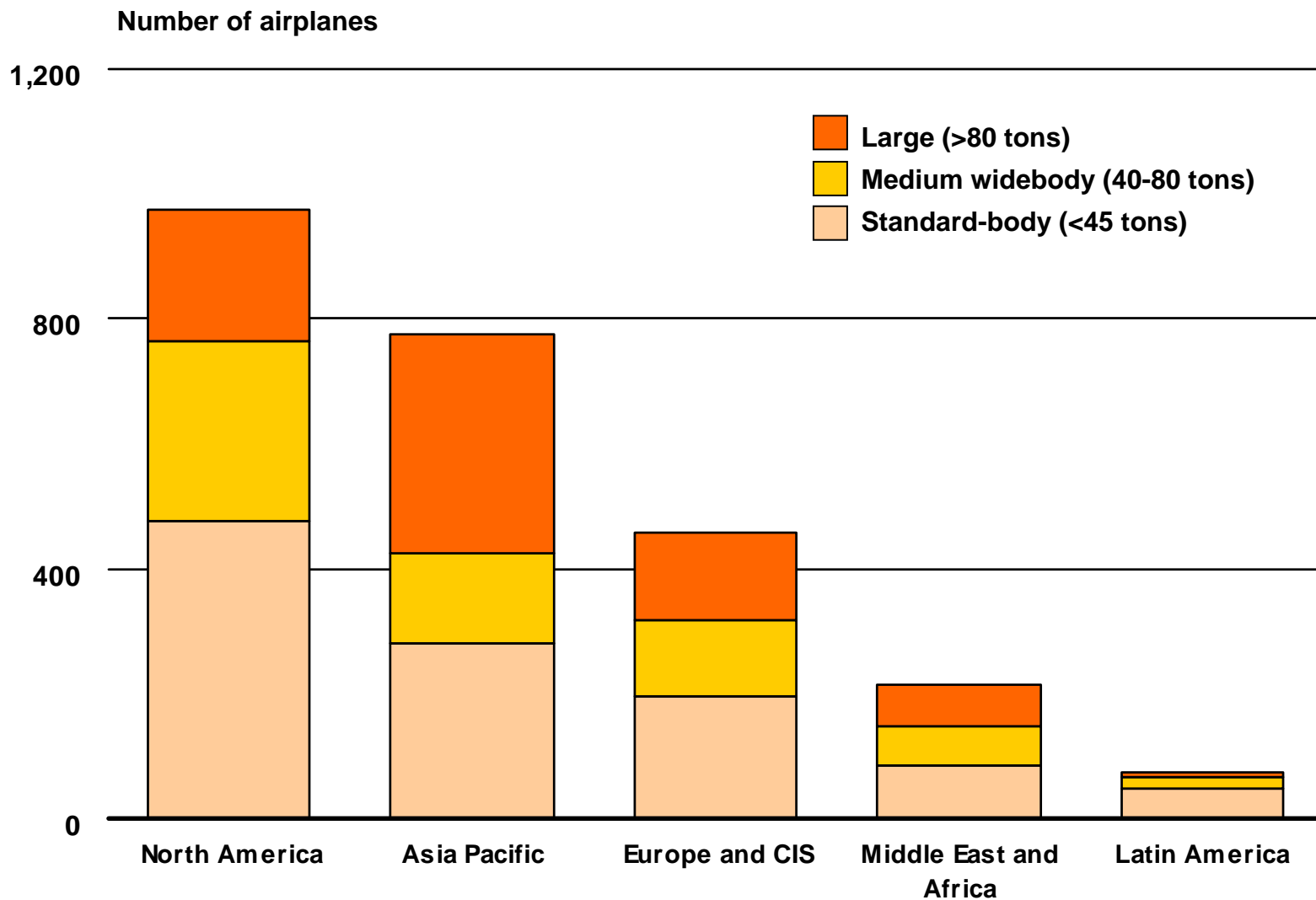
*\*Represents a model series*

*Note: Production and conversion (SF) models assumed for each type unless otherwise specified*

# Freighter Fleet Increase Reflects World Traffic Growth



# North America Leads in Total Deliveries; Asia, in Large Freighters



# 'Market Perspective & Forecast' Conclusions

- **Continuing world air cargo traffic improvement throughout 2010 and 2011 with monthly comparisons strongly positive**
- **Air cargo industry fundamentals remain sound: imperative for reliability/speed, continued product innovation and global interdependence**
- **World air cargo traffic recovering to its 2007 “peak”**
- **Forecast for increased large freighter fleet - modernization will make air cargo more competitive via improved economics**

# NEW! World Air Cargo Forecast 2010-2011



**[www.boeing.com/commercial/cargo](http://www.boeing.com/commercial/cargo)**

# Thank You!



# Comparison of Boeing World Air Cargo Forecasts with Historic Annual World Air Cargo Traffic (RTKs)

