

## China Air Cargo Trends

### Airbus Air Cargo Workshop

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Xiamen, April 23-24, 2009

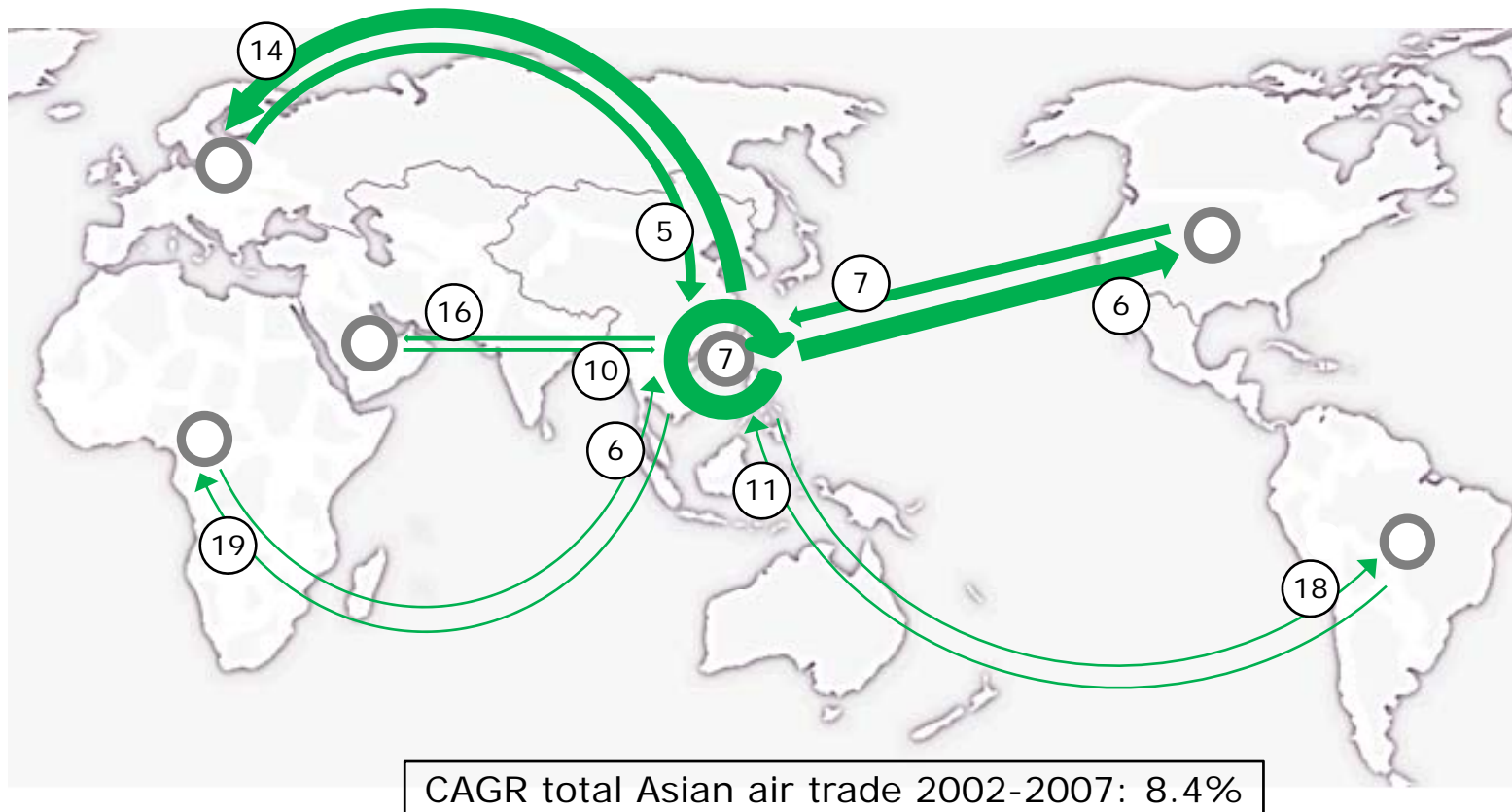
# Agenda

- China in crisis
- Regional market developments
- Capacity changes
- Seasonality

# Asian air trade growth 2002-2007

During 2002-2007, Asian air trade with partner regions was very strong

Asian annual air trade growth 2002-2007 (%)\*

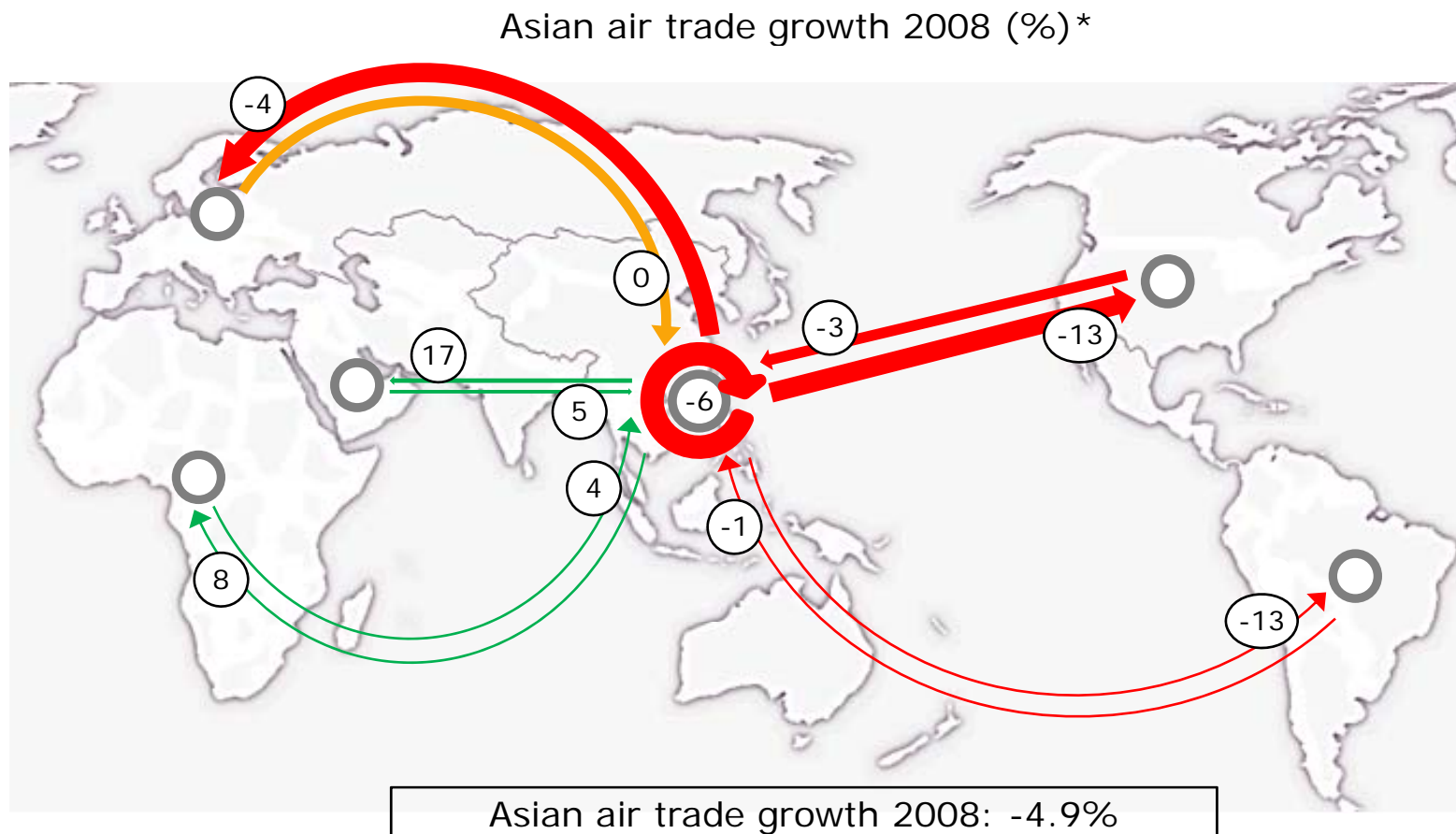


\*Compound annual growth rate; in terms of weight

Source: Seabury Global Trade Database

# Asian air trade growth 2008

Asian air exports, and to a somewhat lesser extent air imports, dramatically decreased in 2008



\*2007-2008 growth in terms of weight  
Source: Seabury Global Trade Database

# China's air trade growth 2002-2007

China has shown double digit growth on all trade routes

China's annual air trade growth 2002-2007 (%)\*



CAGR China's air trade 2002-2007: 20.0%

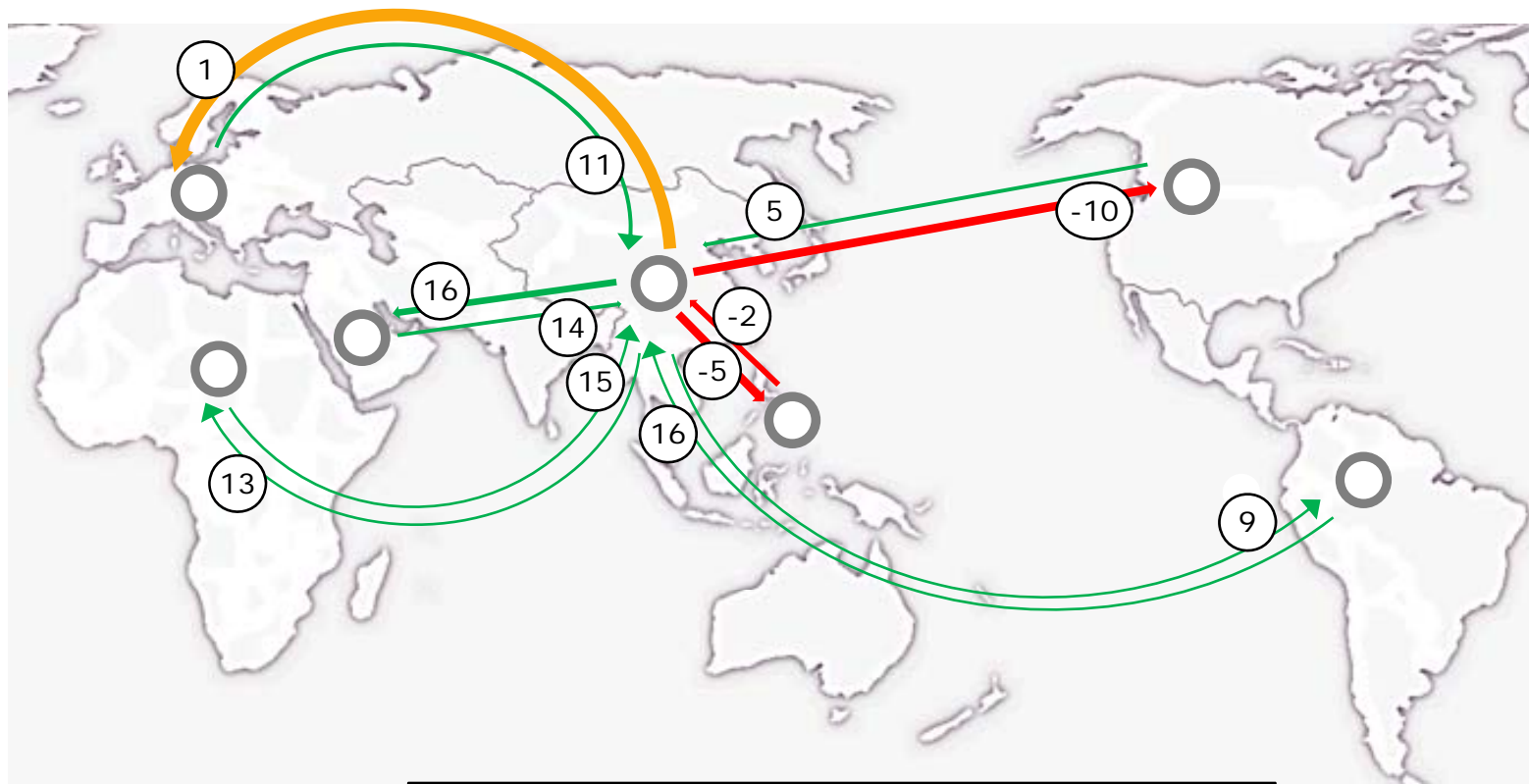
\*Compound annual growth rate; in terms of weight

Source: Seabury Global Trade Database

# China's air trade growth 2008

Transpacific and intra Asia showed decreases in 2008 out of China

China's air trade growth 2008 (%)\*

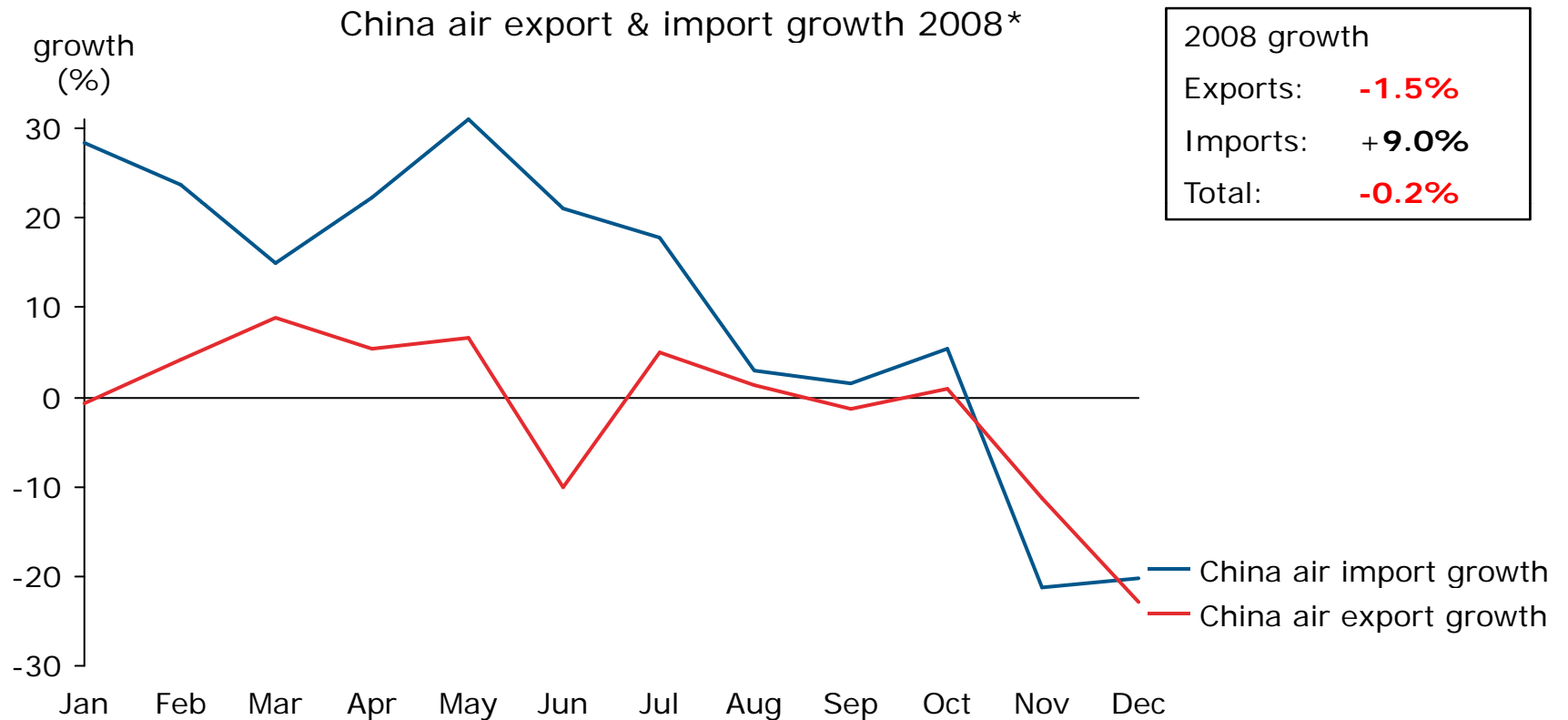


China's air trade growth 2008: -0.2%

\*YOY growth, in terms of weight  
Source: Seabury Global Trade Database

# China air trade growth 2008

**China air cargo decline is accelerating rapidly to unprecedented levels**

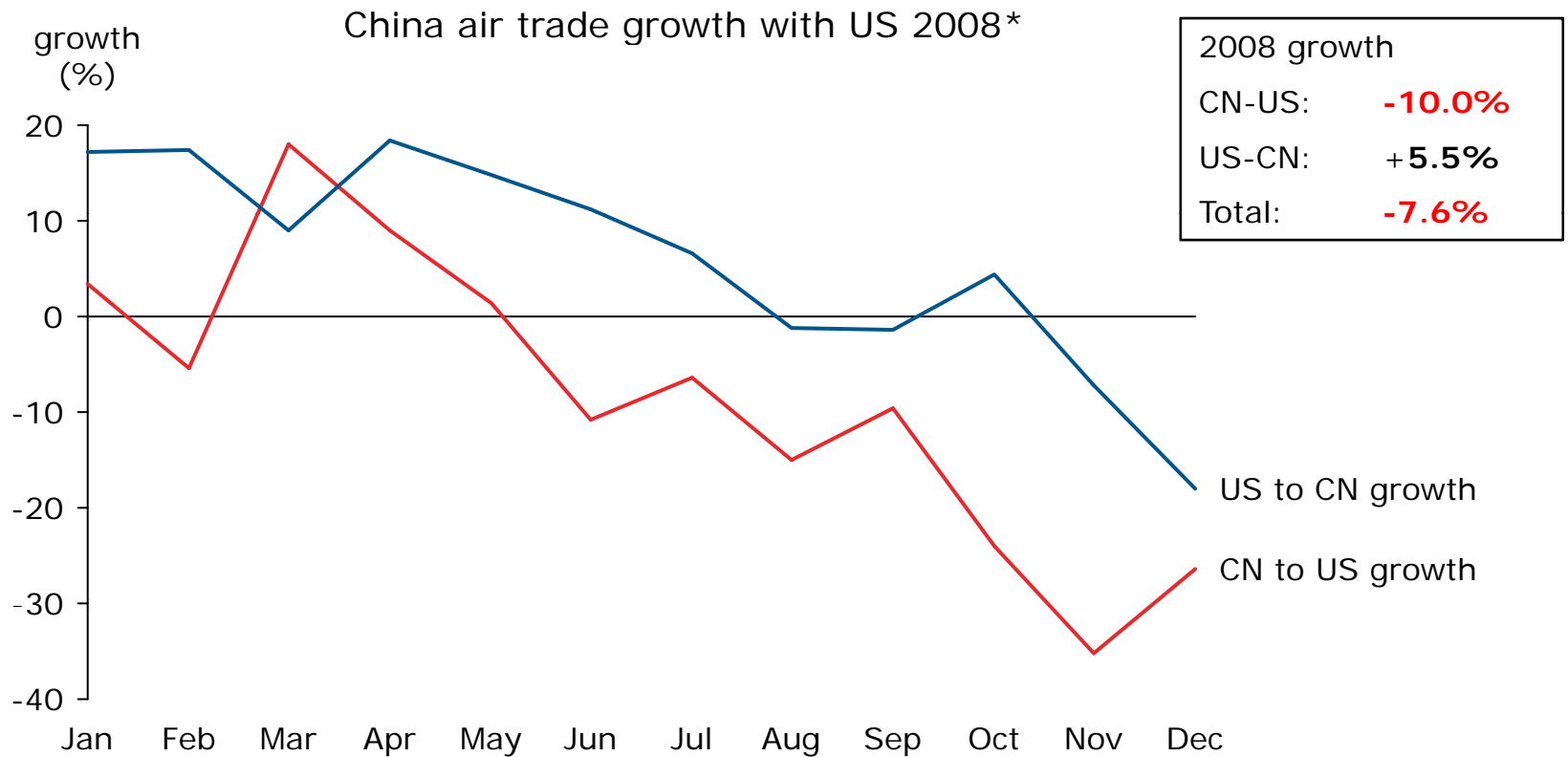


\*YOY growth, in terms of weight

Source: Seabury China Trade Database

# China air trade with U.S. 2008

## Transpacific decline cause for major concern



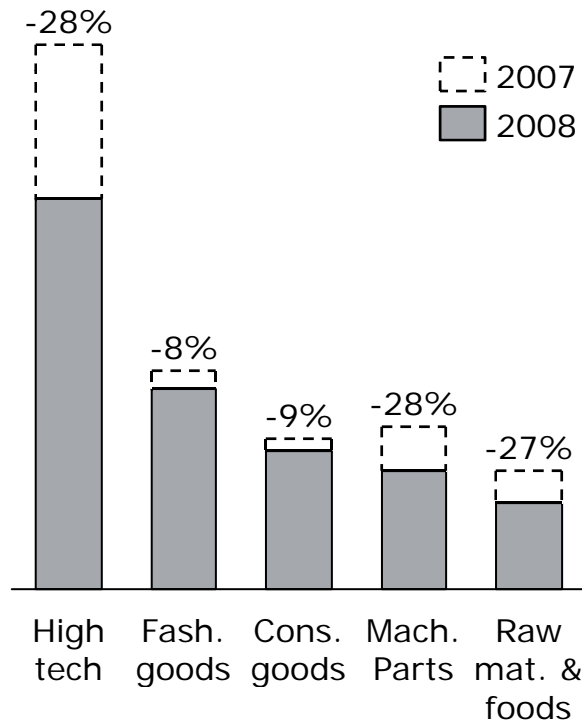
\*In terms of weight  
Source: Seabury US Trade Database

# China air export growth December 2008

**December decline is largely caused by high tech – especially computers & telecom**

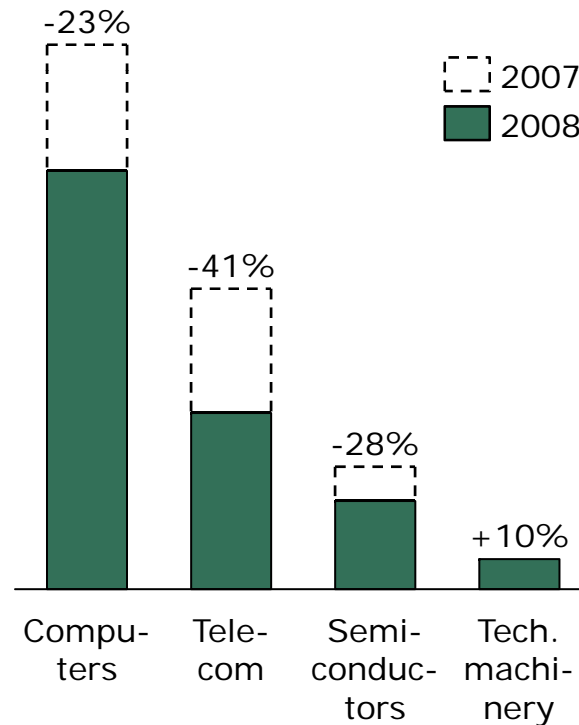
## Product groups

CN air exports December 2008  
(Dec 08/07 growth)\*



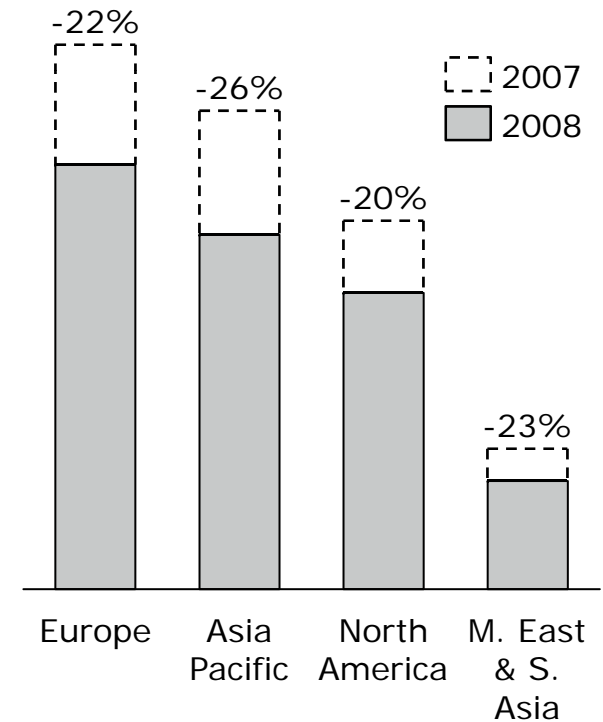
## High tech

CN high tech air exports Dec. 2008  
(Dec 08/07 growth)\*



## Destination regions

CN air exports December 2008  
(Dec 08/07 growth)\*



\*In terms of weight

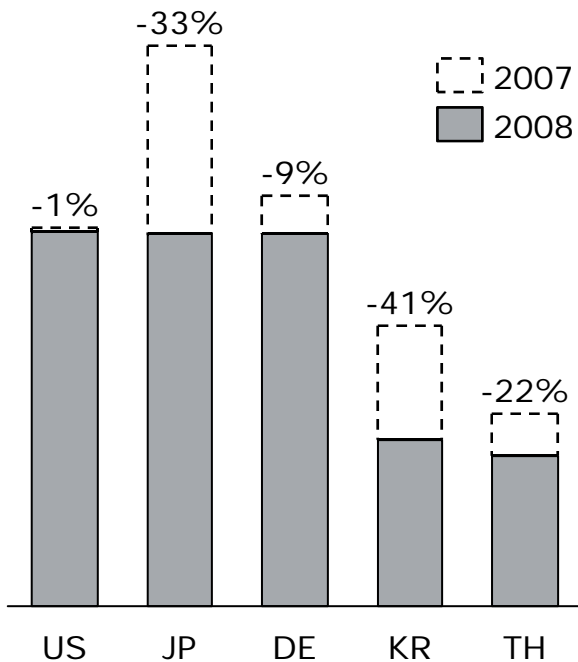
Source: Seabury China Trade Database

# China air import growth December 2008

## Japan and Korea declines strongly affect Chinese air imports; Shanghai region hardest hit

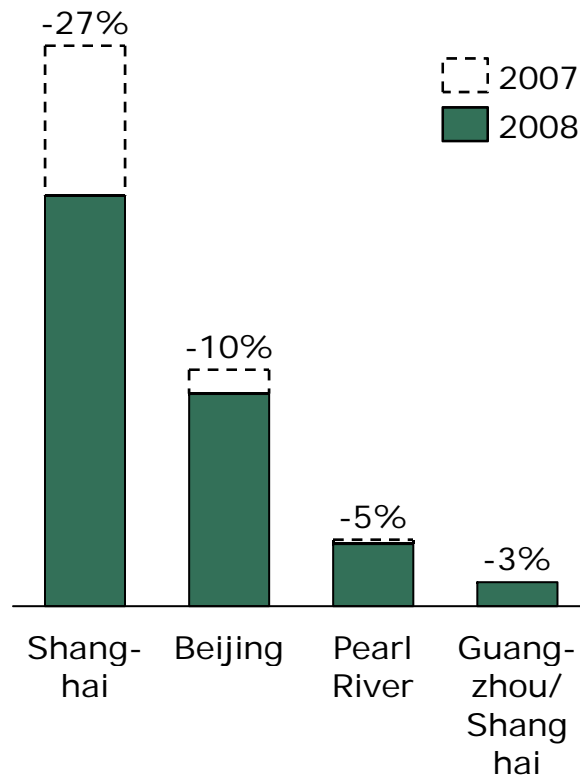
### Sourcing countries

China air imports December 2008 (Dec 08/07 growth)\*



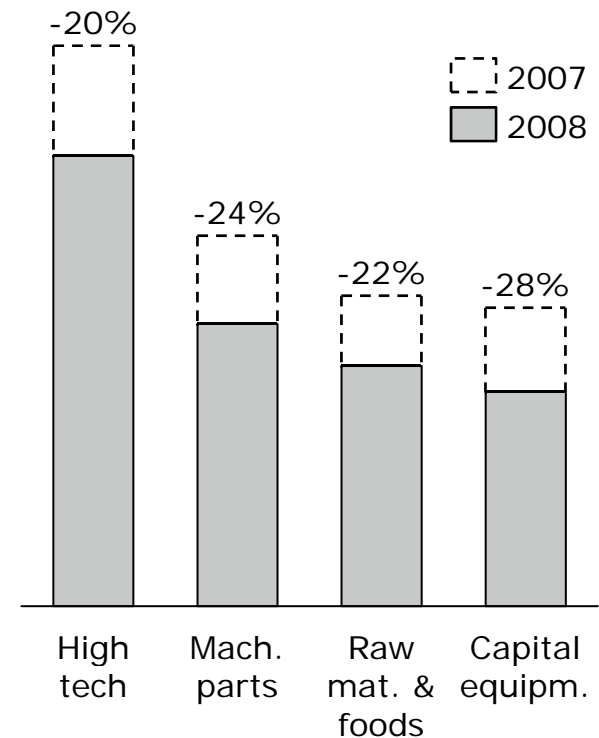
### Destination regions

China air imports December 2008 (Dec 08/07 growth)\*



### Product groups

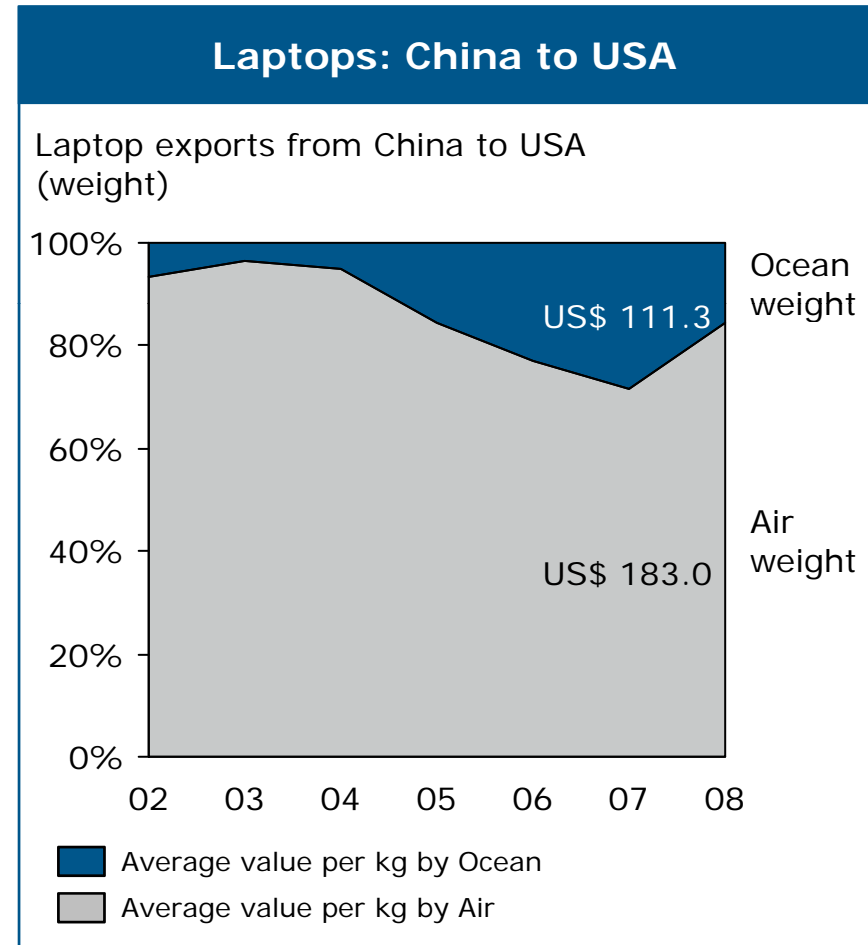
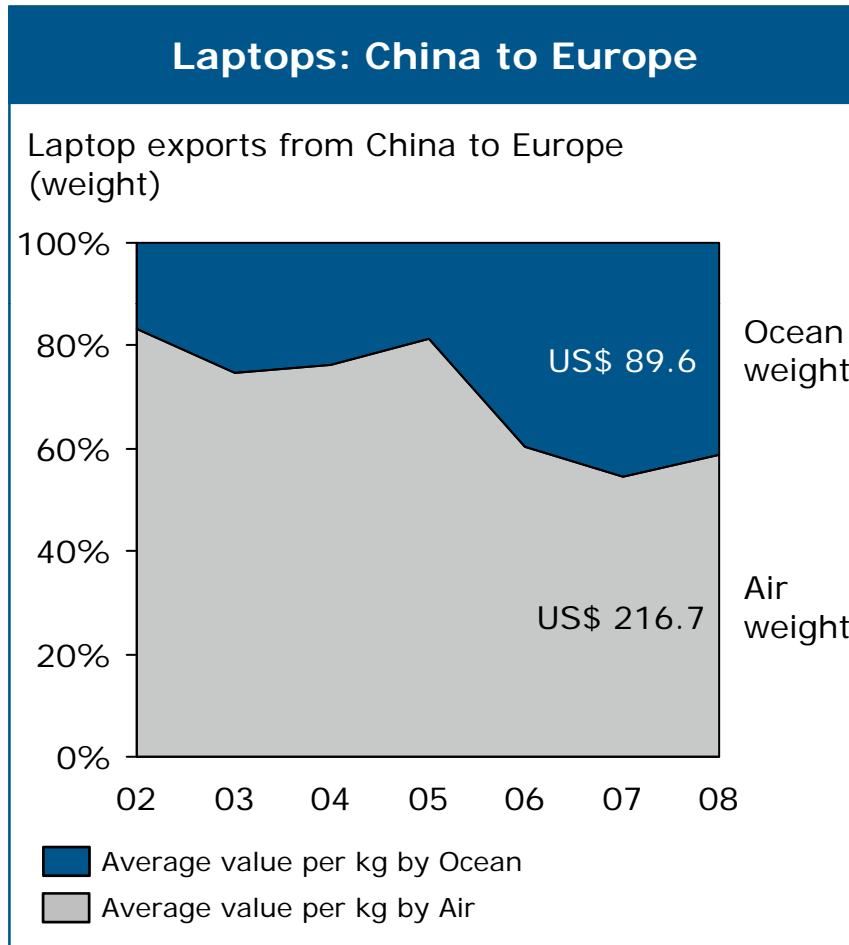
China air imports December 2008 (Dec 08/07 growth)\*



\*In terms of weight  
Source: Seabury China Trade Database

# Competition from ocean carriers

**A shift from air freight to ocean freight is taking place for laptops; this differs per trade lane**



Source: Seabury Europe & US Trade Database

# Agenda

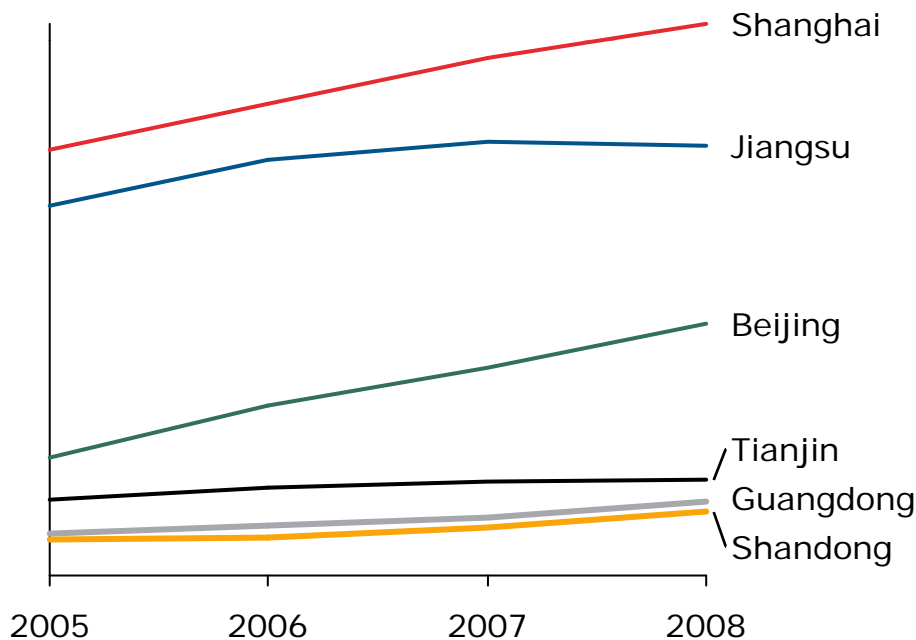
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# China air imports per destination region

Shanghai area largest importing region, especially from Europe

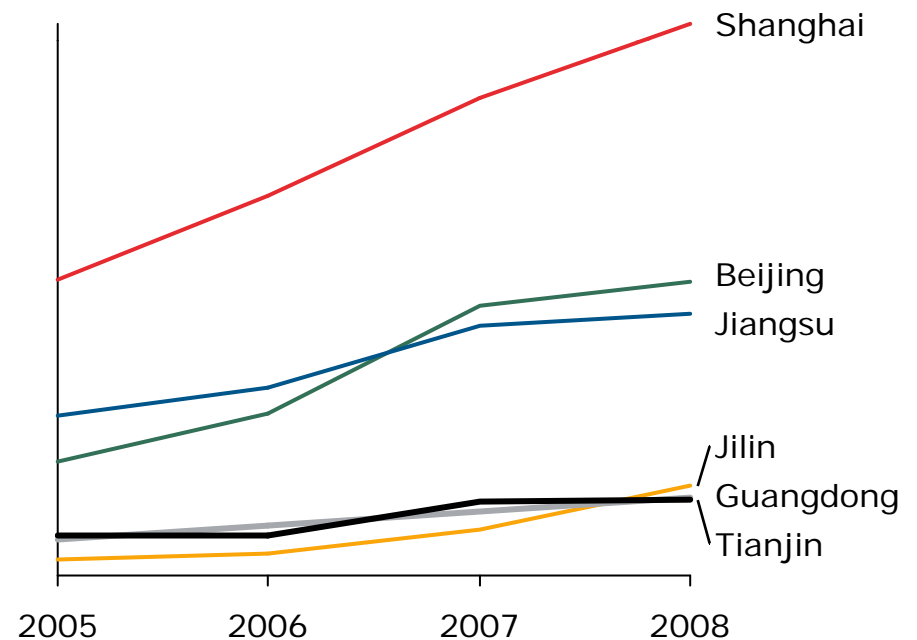
## China total air imports

Top 6 Chinese air importing regions\*



## China air imports from Europe

Top 6 Chinese air importing regions from Europe\*



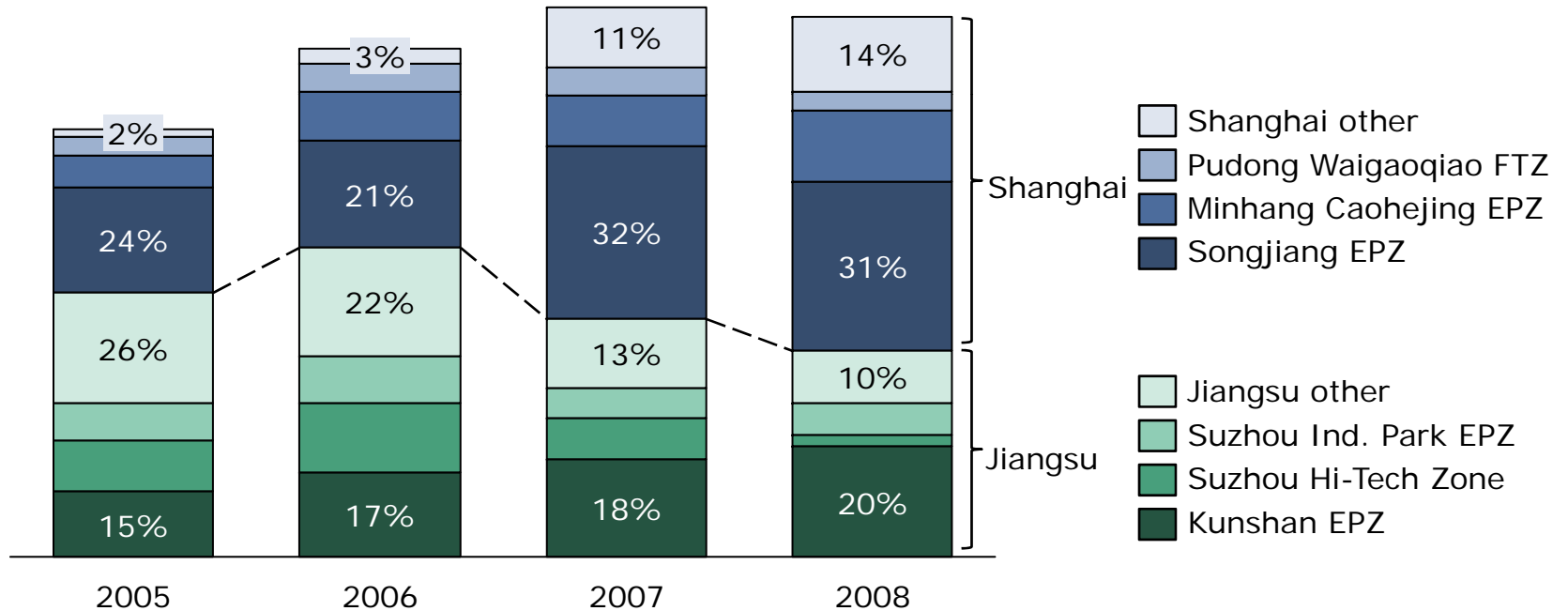
\*In terms of weight

Source: Seabury China Trade Database

# Computer air exports

**Air exports of computers and related goods from Shanghai have increased, while they decreased from Jiangsu region from 2006 onwards**

Chinese air exports of computers & related goods from Shanghai & Jiangsu regions\*



Note: FTZ = Free Trade Zone, EPZ = Export Processing Zone

\*In terms of weight

Source: Seabury China Trade Database

# Agenda

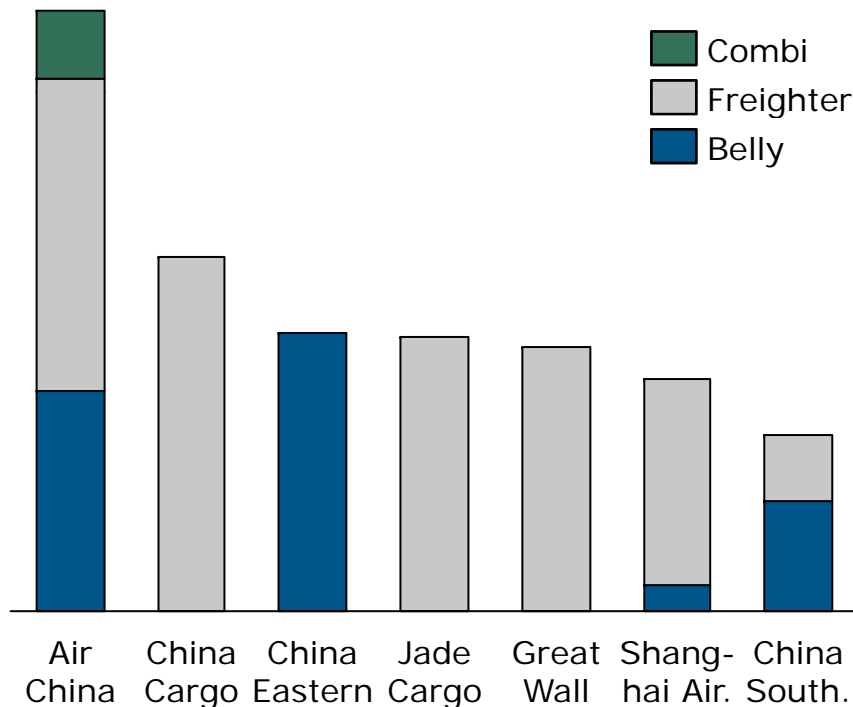
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# International capacity

## International China freighter capacity not decreasing as strong as demand decline

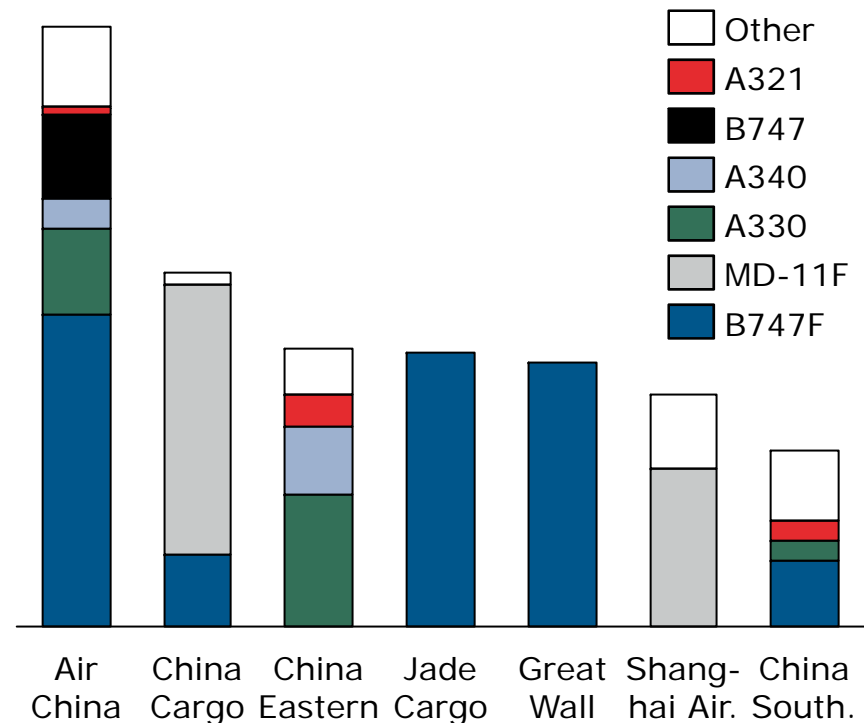
### International cargo capacity is dominated by freighters

International capacity in March 2009\*



### B747F by far largest international capacity provider of Chinese airlines

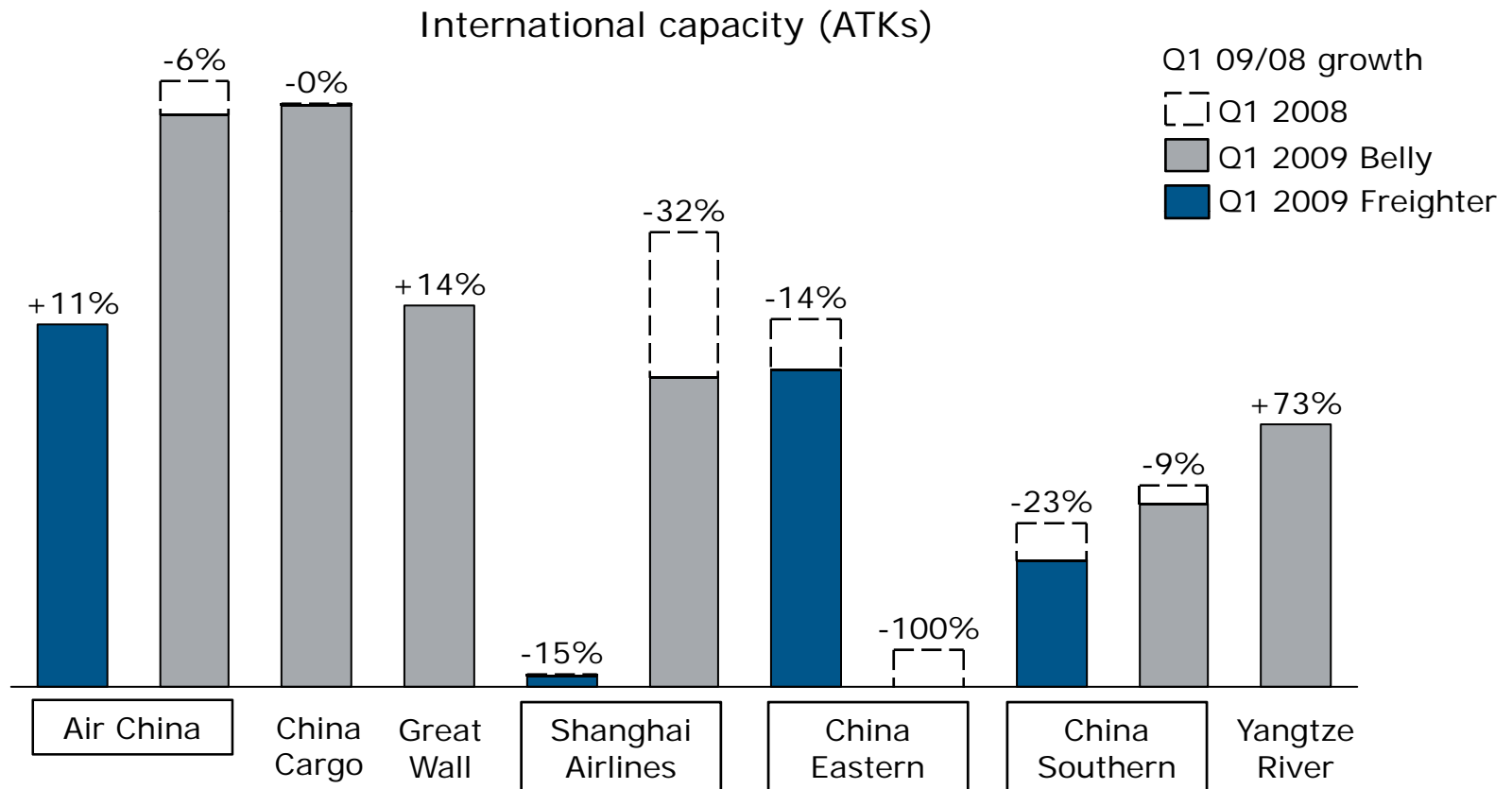
International capacity in March 2009\*



\*In terms of weight  
Source: Seabury Capacity Database

# International capacity

**Int. freighter capacity has decreased for Shanghai Airlines, China Eastern & Air China, while Great Wall & Yangtze River have increased freighter capacity**



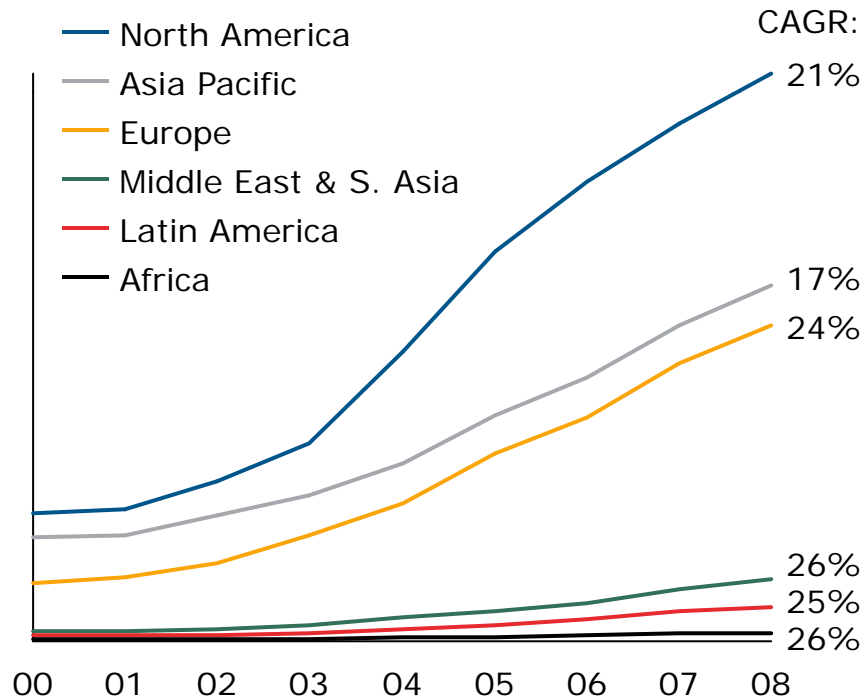
Note: B = Belly capacity and F = Freighter capacity  
Source: Seabury Capacity Database

# Air express exports from China

## China to US largest air express flow

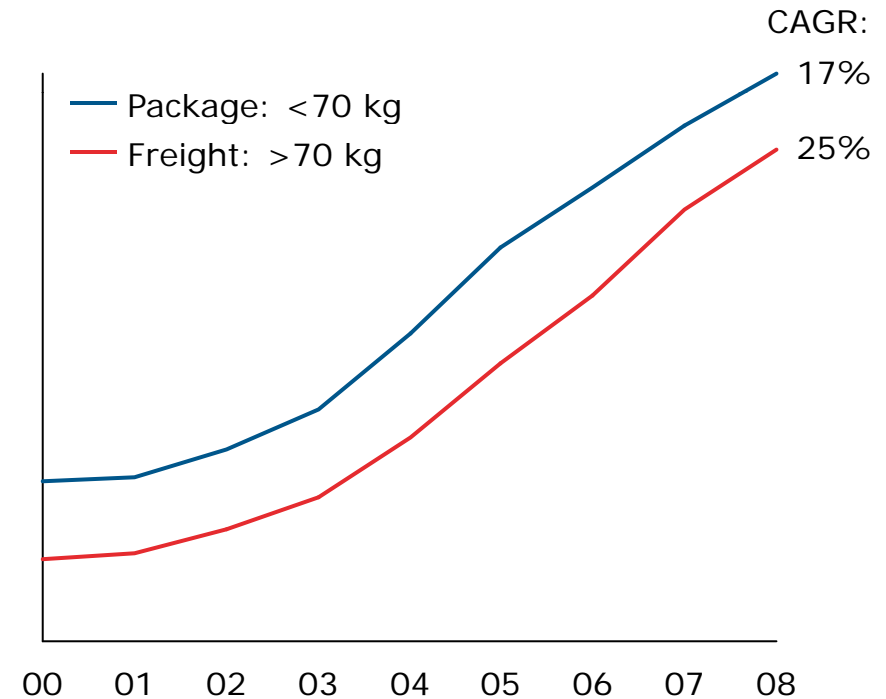
**North America is largest receiver of China's express exports**

Air express exports from China\*



**Express freight has grown faster than express package**

Air express exports from China\*



\*In terms of weight  
Source: Seabury Express Database

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# Seasonality China's air exports

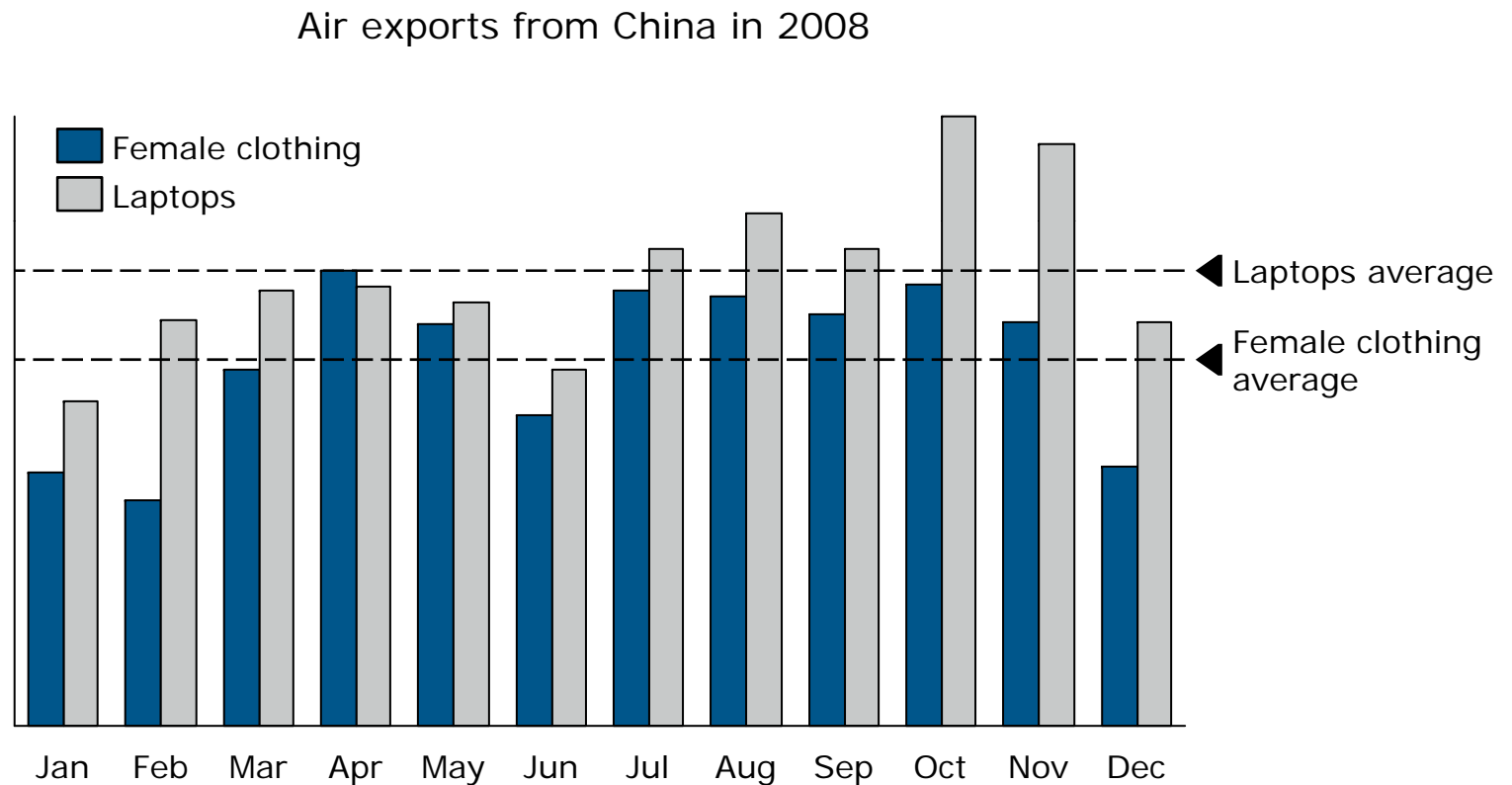
China's air exports are characterized by Chinese New Year dip and traditional 4<sup>th</sup> quarter peak. 4<sup>th</sup> quarter peak not present in 2008



Source: Seabury China Trade Database

# China's air exports – seasonality

Laptops still show a 4<sup>th</sup> quarter peak in 2008; female clothing show a peak in spring & fall



Source: Seabury China Trade Database

## Contact details



For more information, please contact...

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