



**Massachusetts  
Institute of  
Technology**



# **US Airline Competition and Consolidation 2010**

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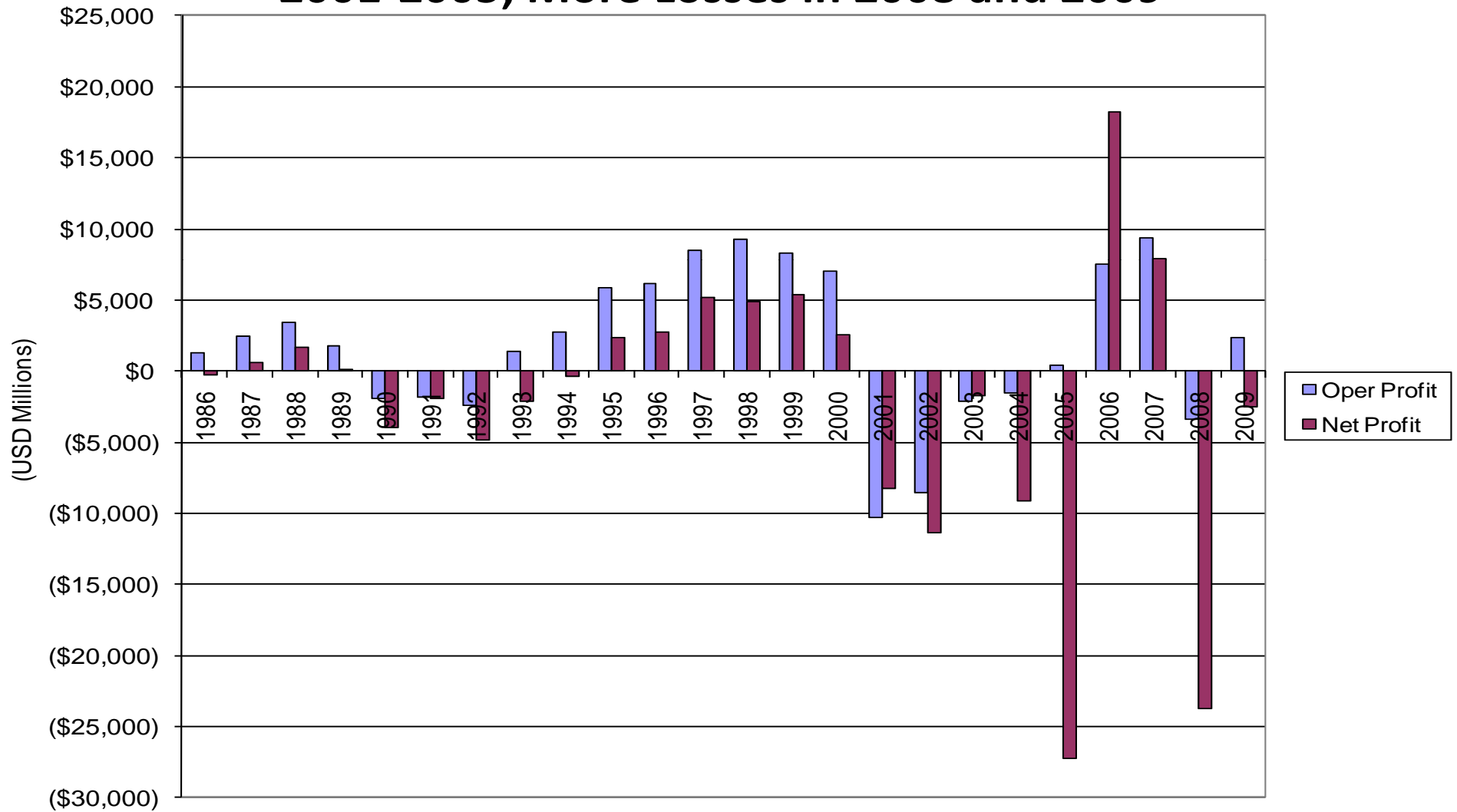


## US Airline Industry Performance

- **Review: A roller-coaster decade 2000-09**
  - Rapid growth of LCCs and intense fare competition
  - Restructuring, cost cutting and productivity improvements
  - After \$40 billion in losses a brief return to profits 2006-07
  - Fuel shock and financial meltdown in 2008
- **Return to profitability in 2010 and beyond**
  - How much room to cut cost or improve productivity?
  - Can capacity discipline be maintained?
  - Have LCCs reached their peak in US domestic markets?



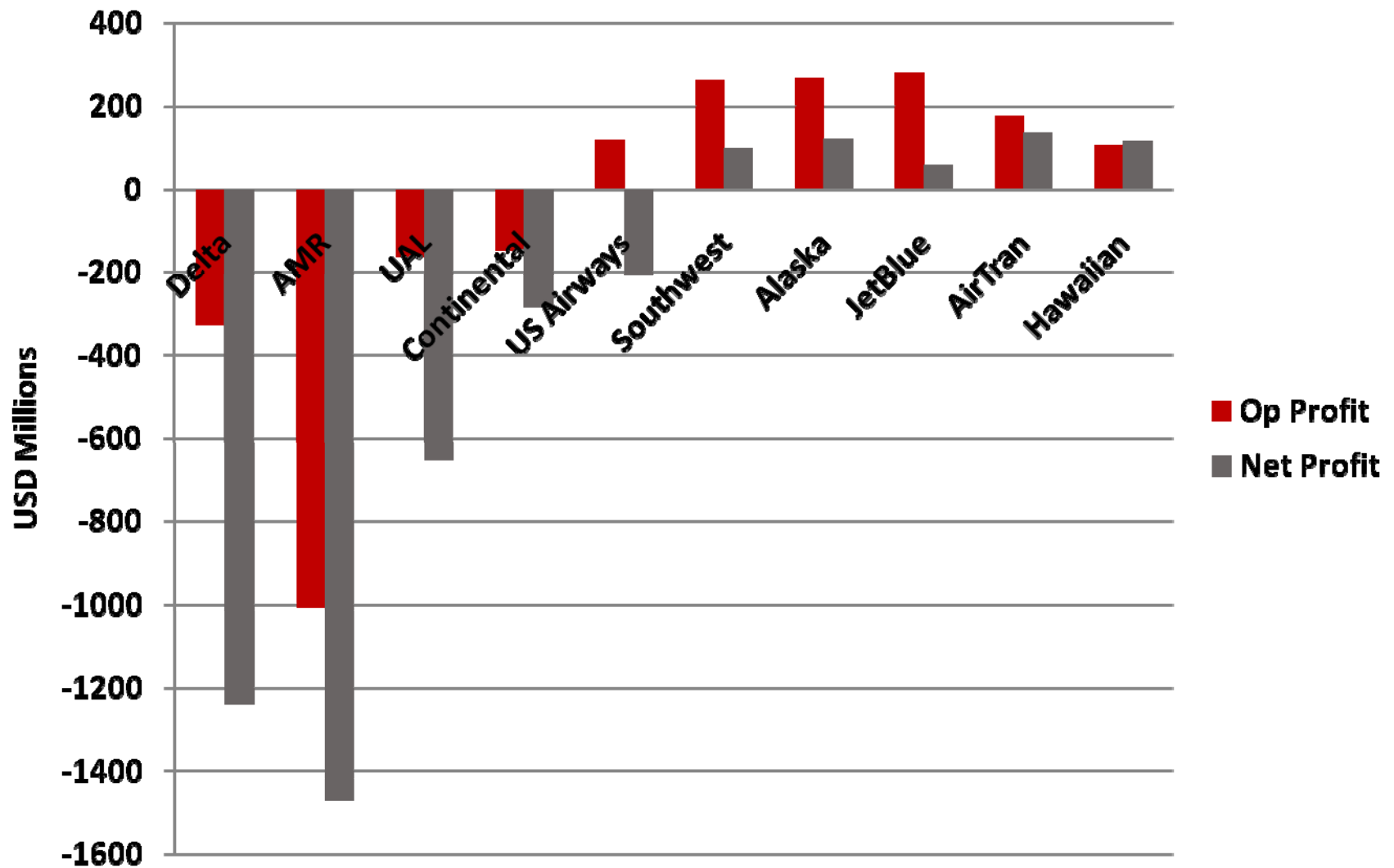
## US Industry Profits in 2006-2007 after \$40B of Losses 2001-2005; More Losses in 2008 and 2009



Source: ATA data



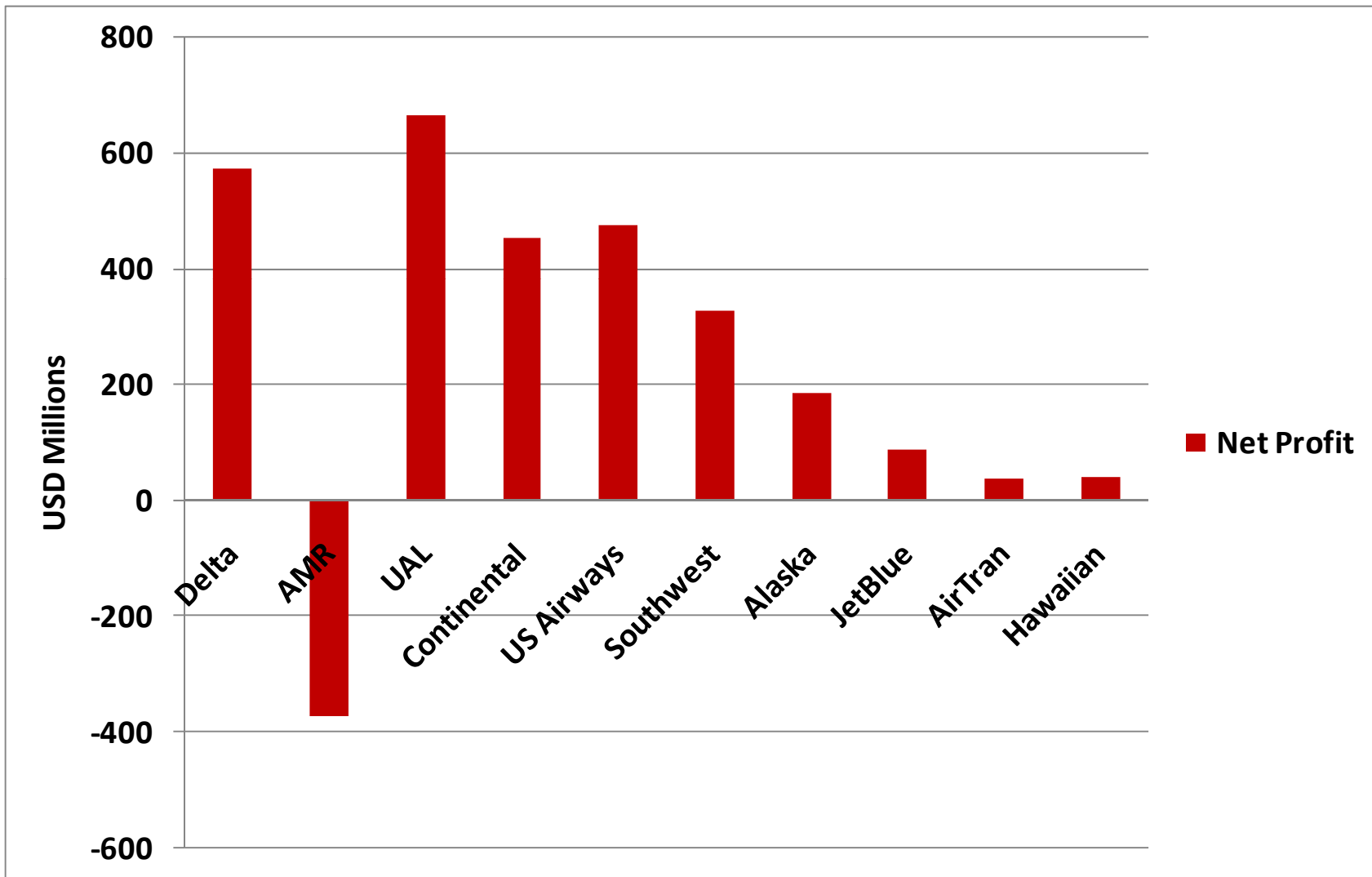
## US Carrier Financial Results 2009



Source: Airline Business, March 2010



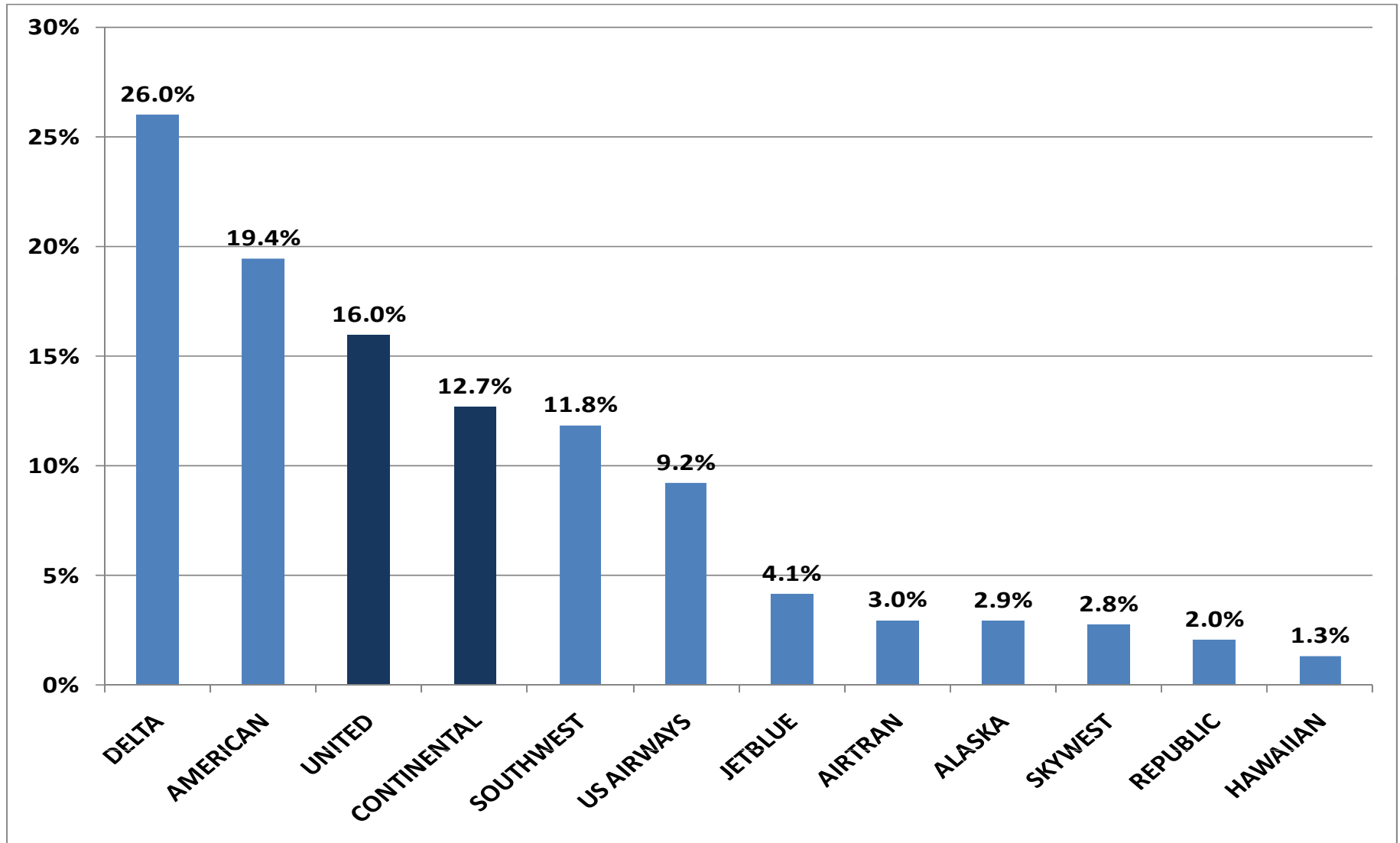
## US Carriers Cumulative Net Income Q1-Q3 2010



Source: Airline Business



## US Carrier RPM Traffic Share 2009



Source: Aviation Daily, 1/21/2010



## US Legacy and Low Cost Airlines

### Network Legacy Carriers

AA – American Airlines

UA – United Air Lines

DL – Delta Air Lines (incl. NW)

CO – Continental Airlines

US – US Airways (incl. HP)

### Low Cost Carriers

WN – Southwest Airlines

B6 – JetBlue Airways

FL – AirTran Airways

F9 – Frontier Airlines

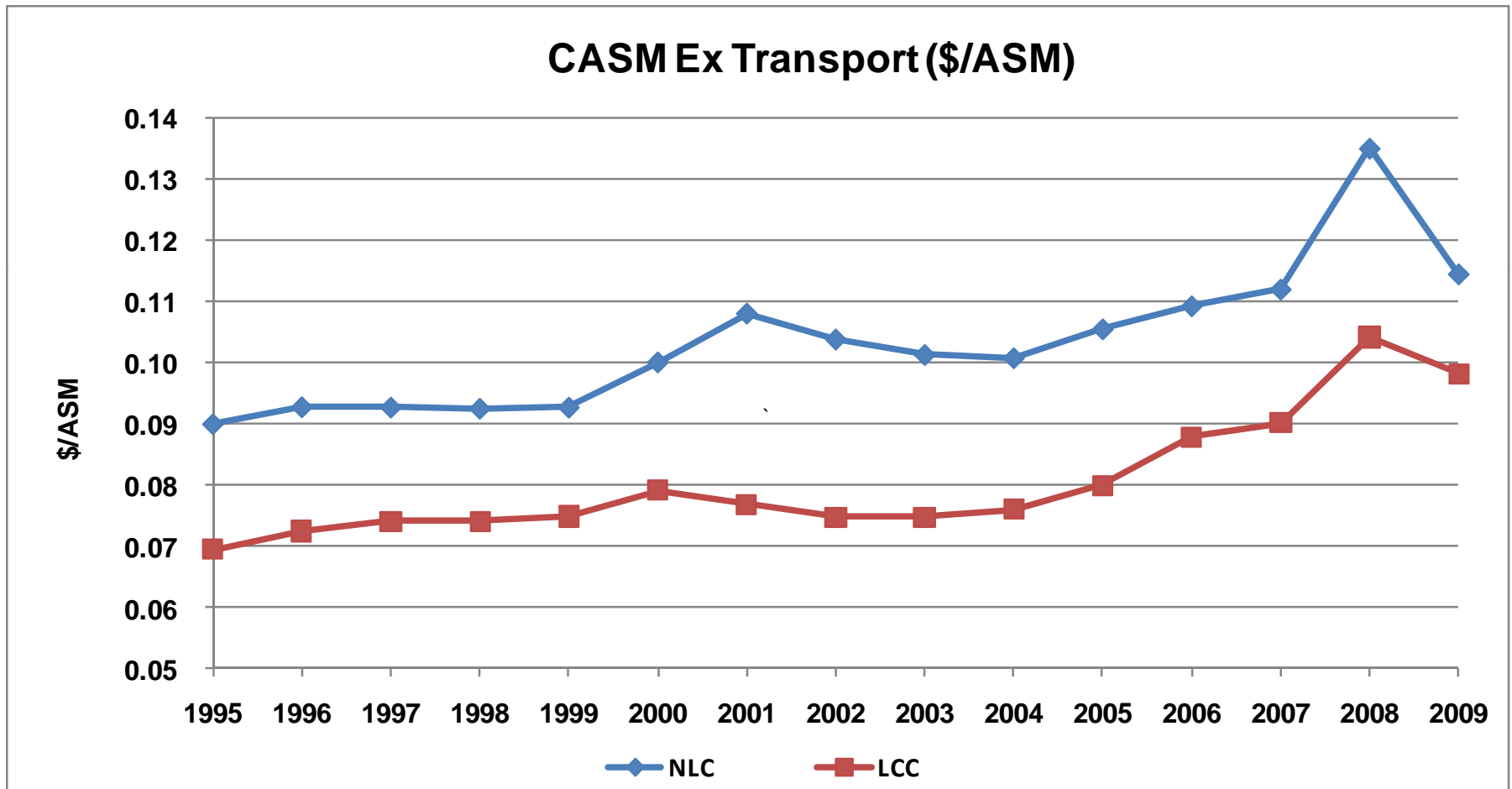
VX – Virgin America

- Legacy group carried 67% of **total** US airline traffic in 2009.

- These airlines carried another 17% of **total** US traffic (RPMs).



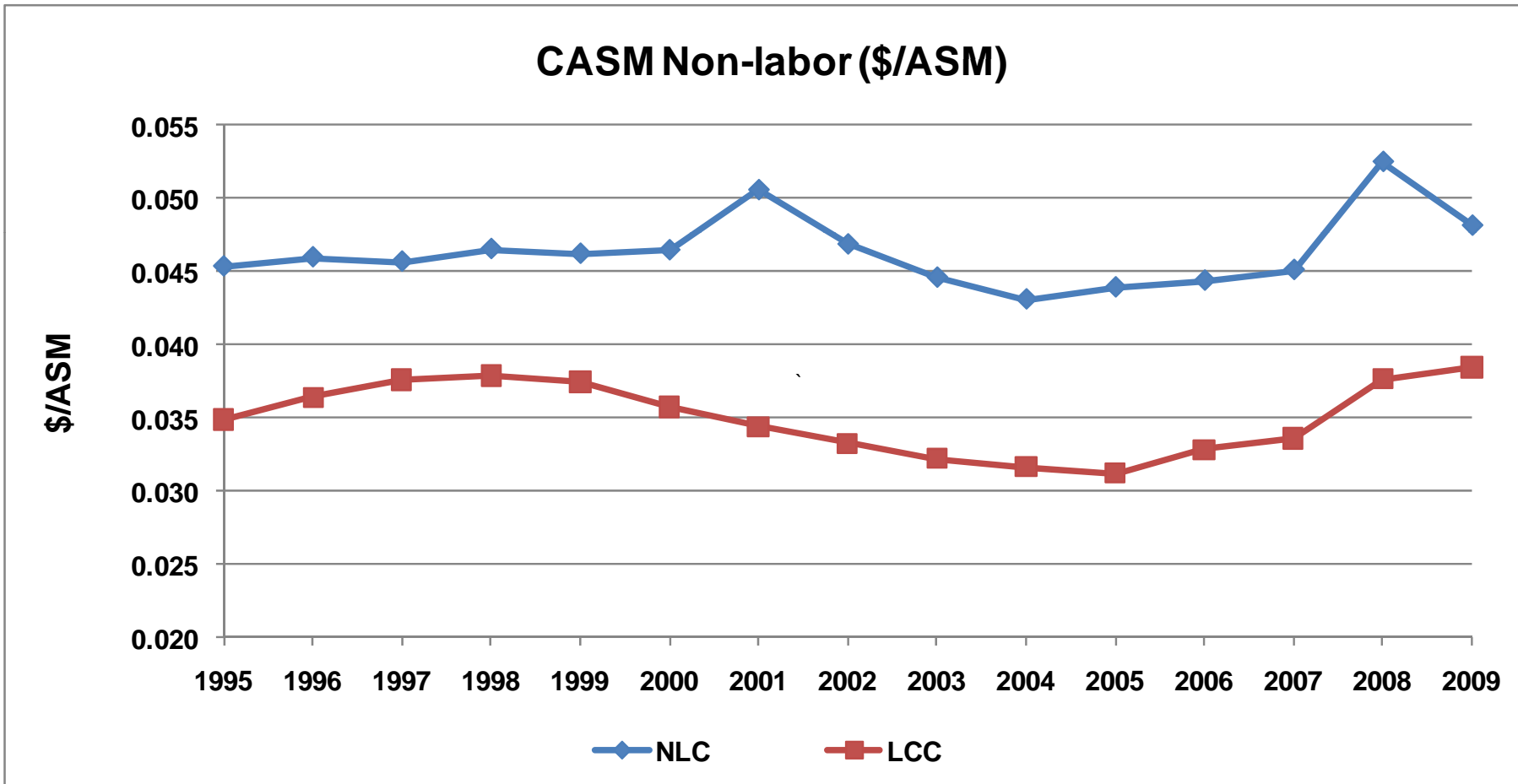
## Unit Costs (excl. "Transport Related") Spiked in 2008





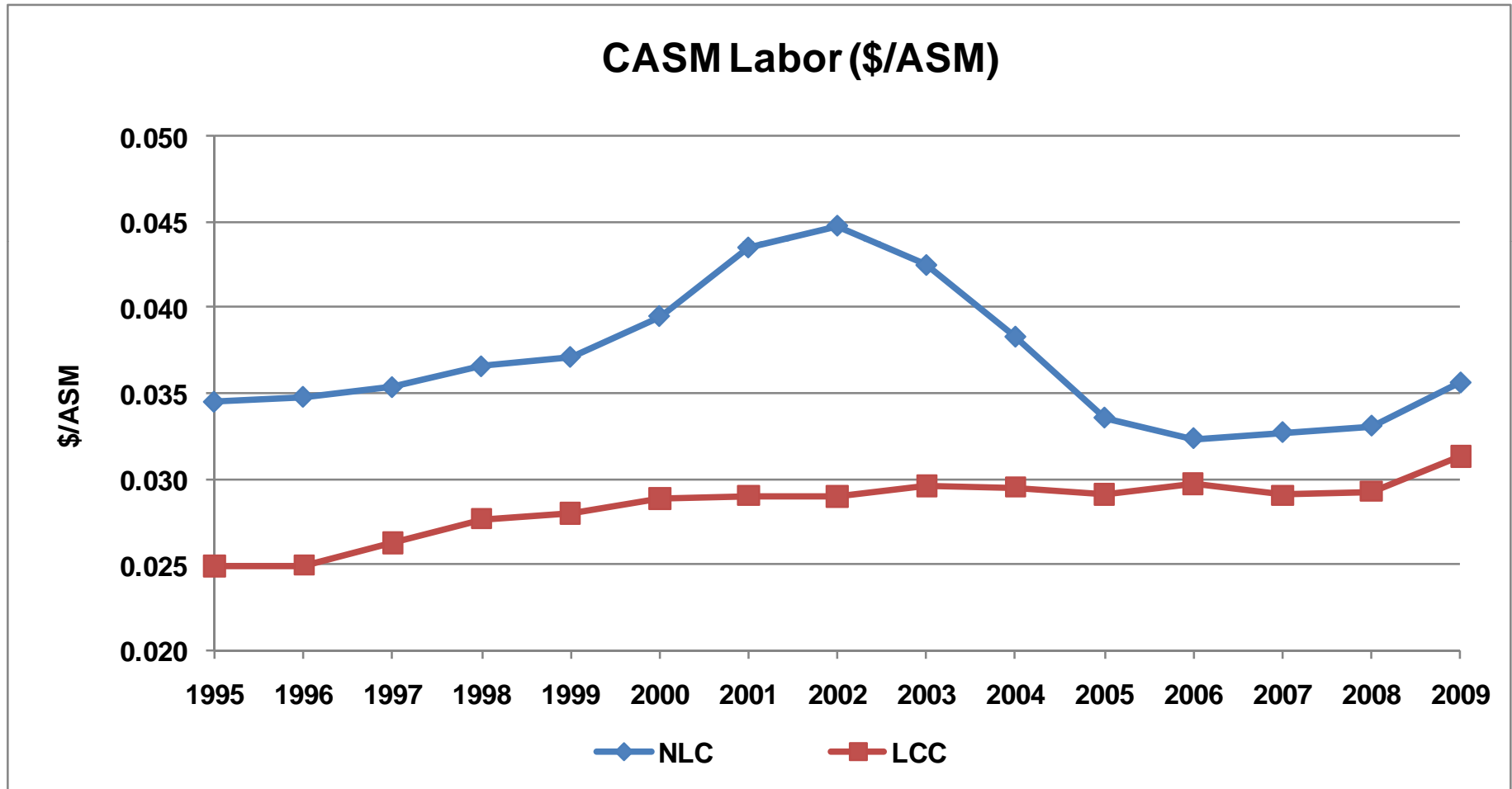


# Non-Labor Unit Cost Difference Still About 1 Cent The “Structural Gap”



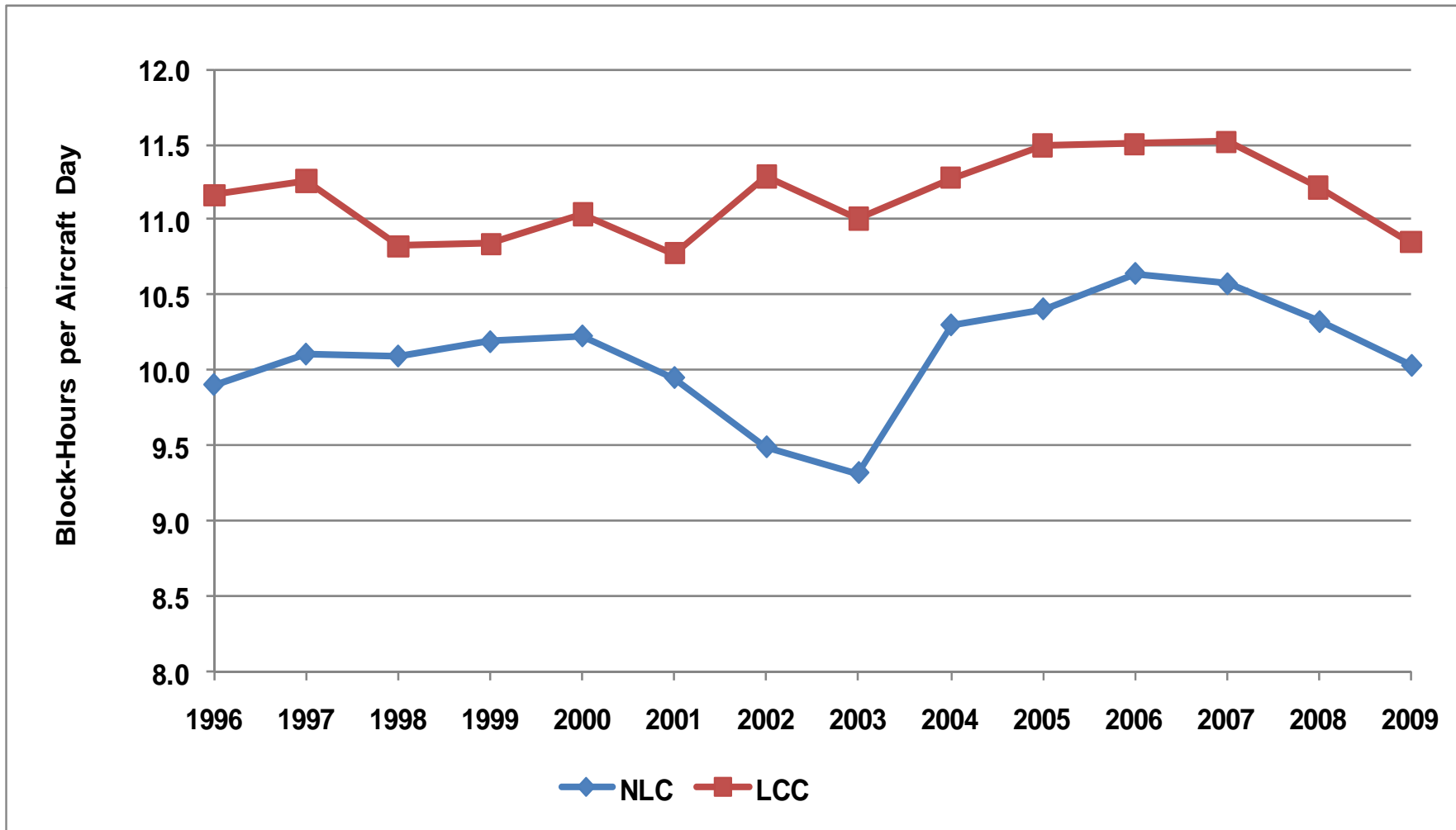


## Labor Unit Costs Increasing Again for Both Sectors



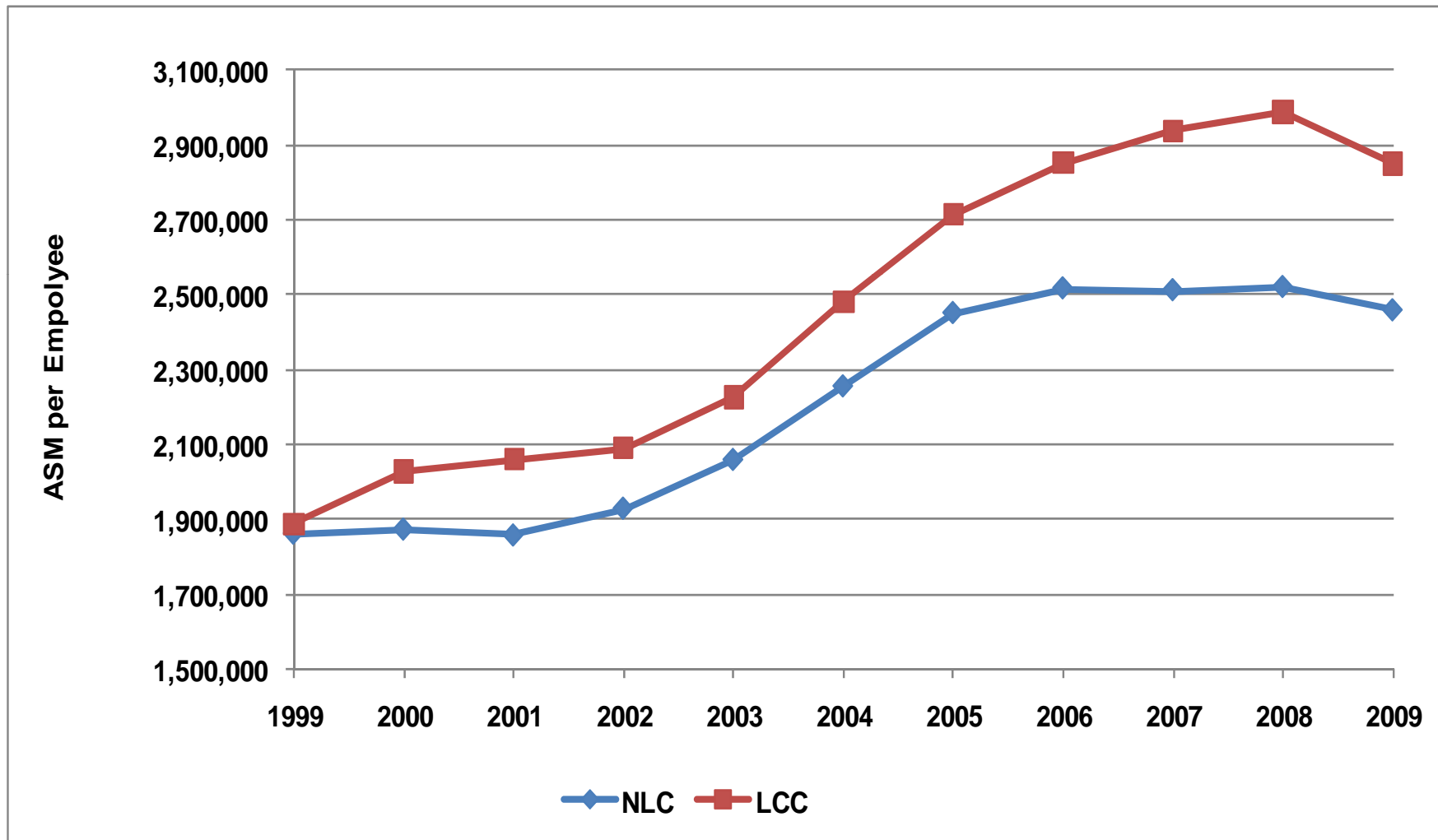


## Aircraft Utilization Decreased in 2008 and 2009



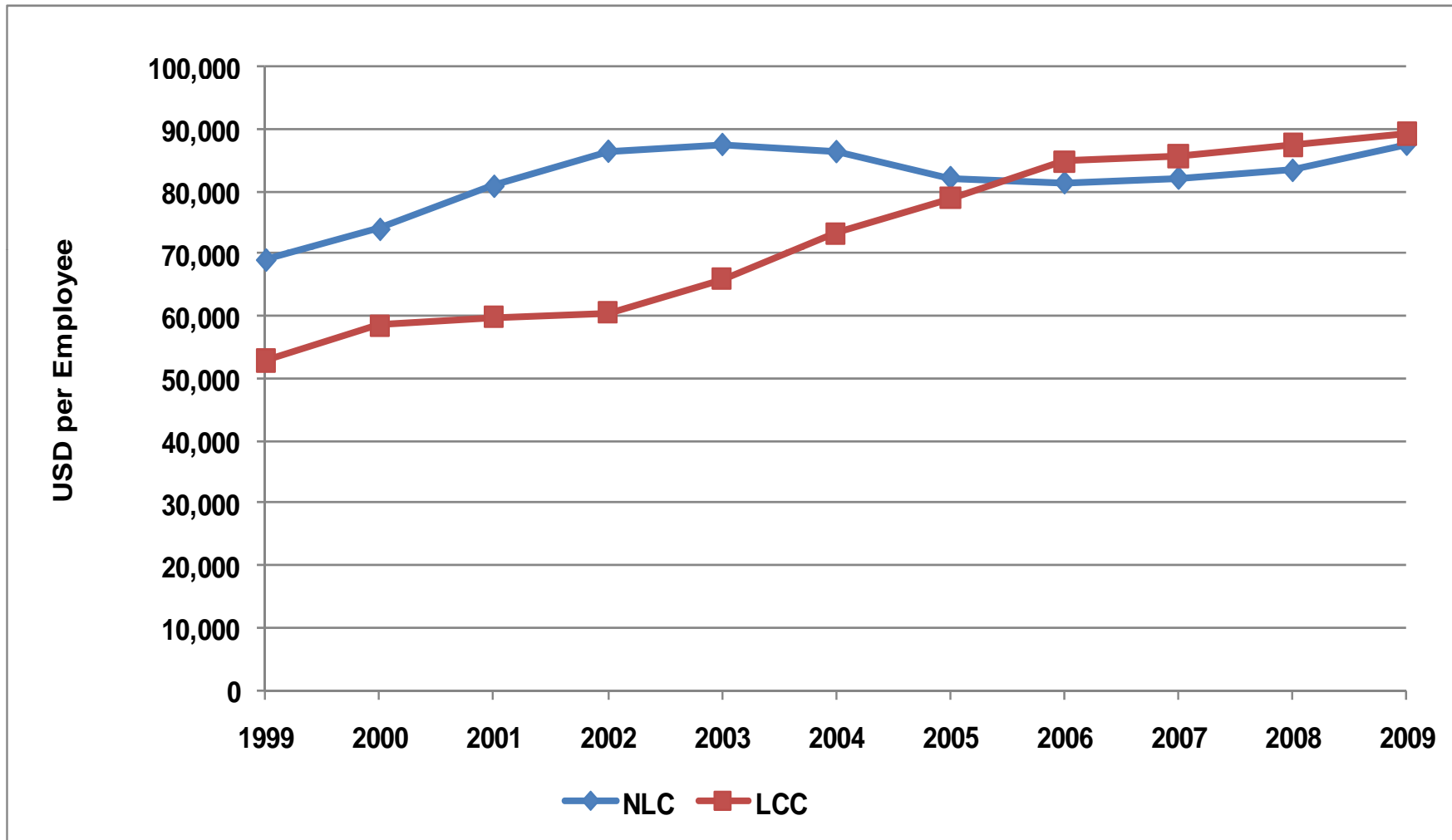


## LCC Employee Productivity Still 15% Higher than NLCs



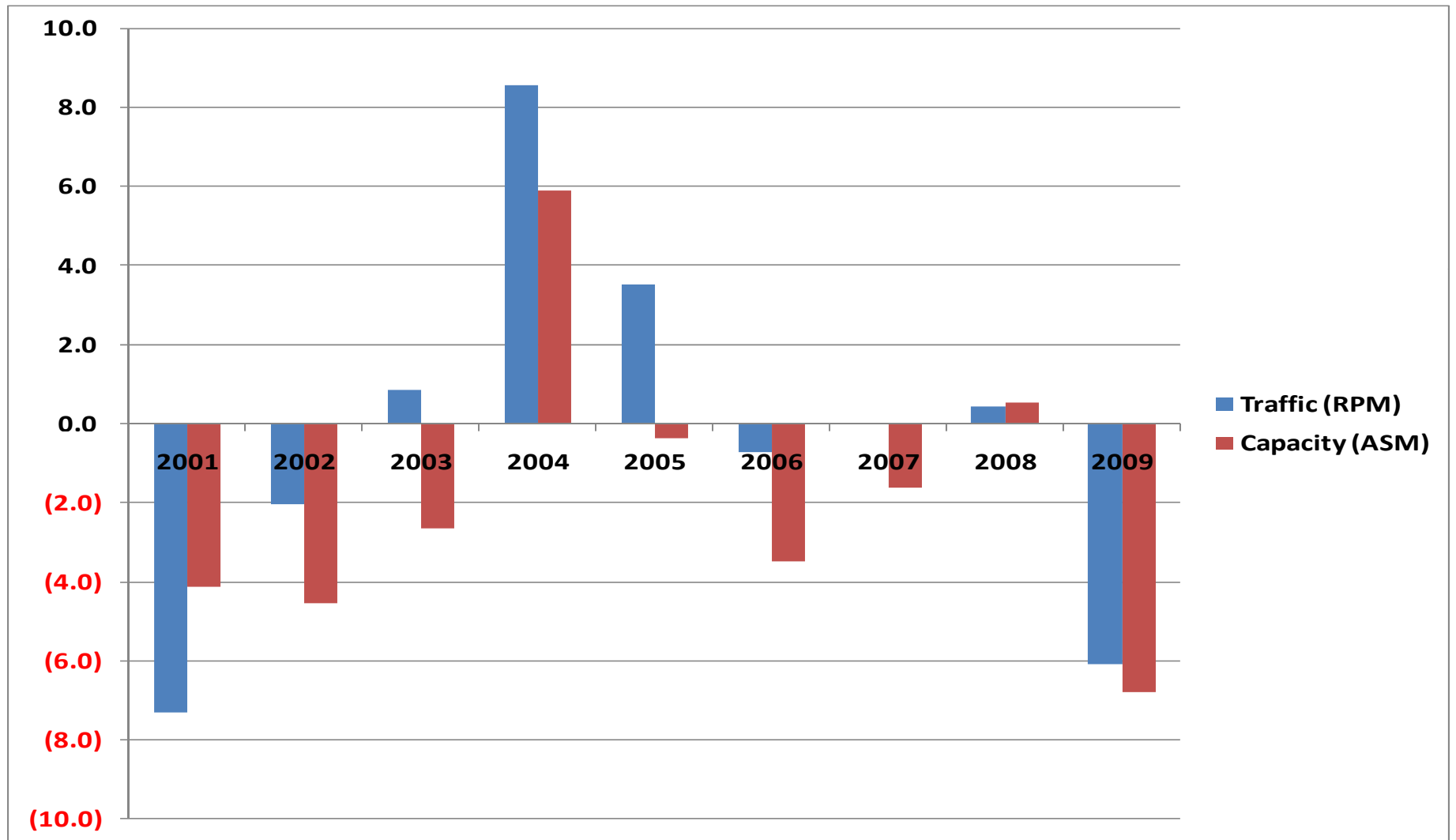


## Gap in Salaries/Benefits per Employee Disappeared in 2006





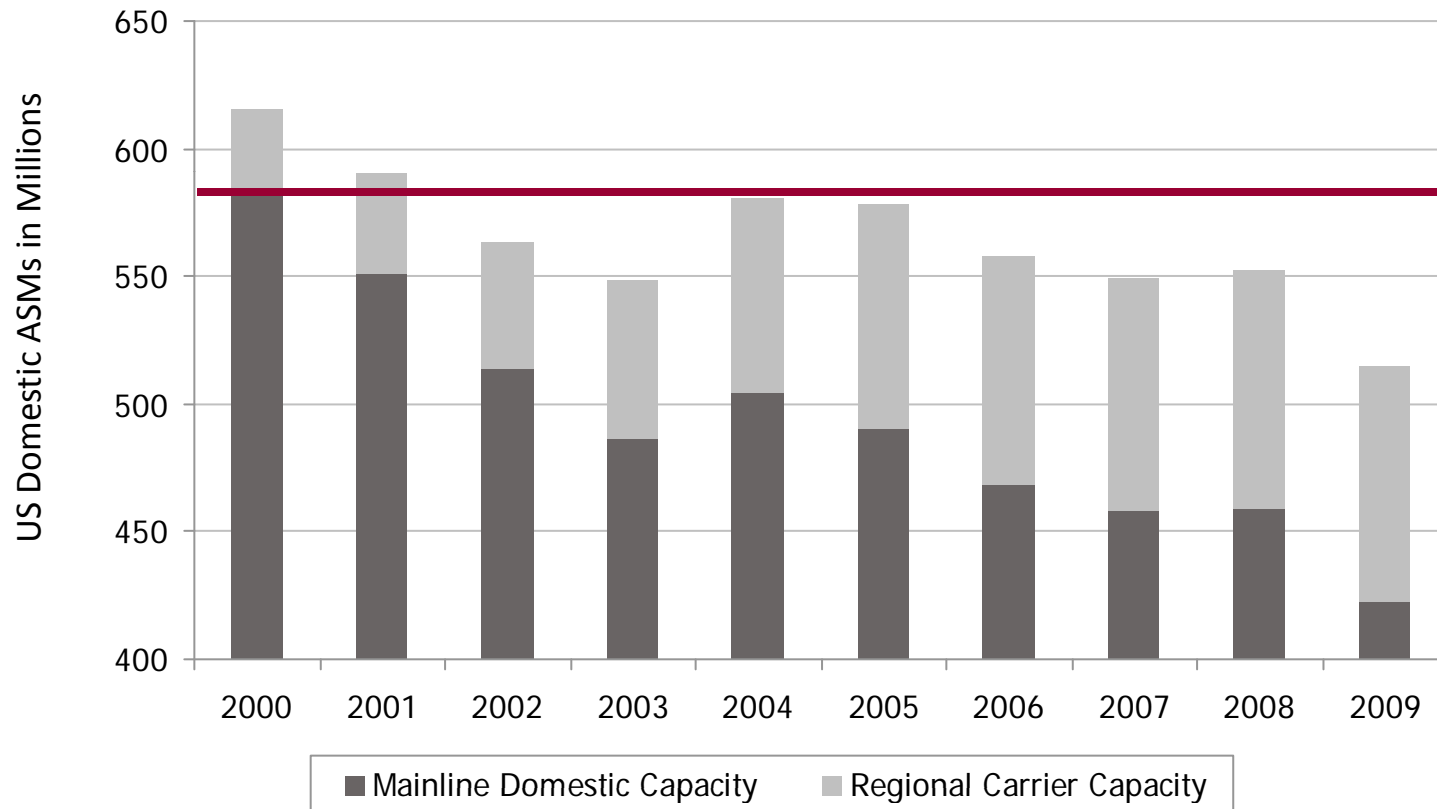
## US Domestic Traffic and Capacity Growth by Year



Source: Air Transport Association

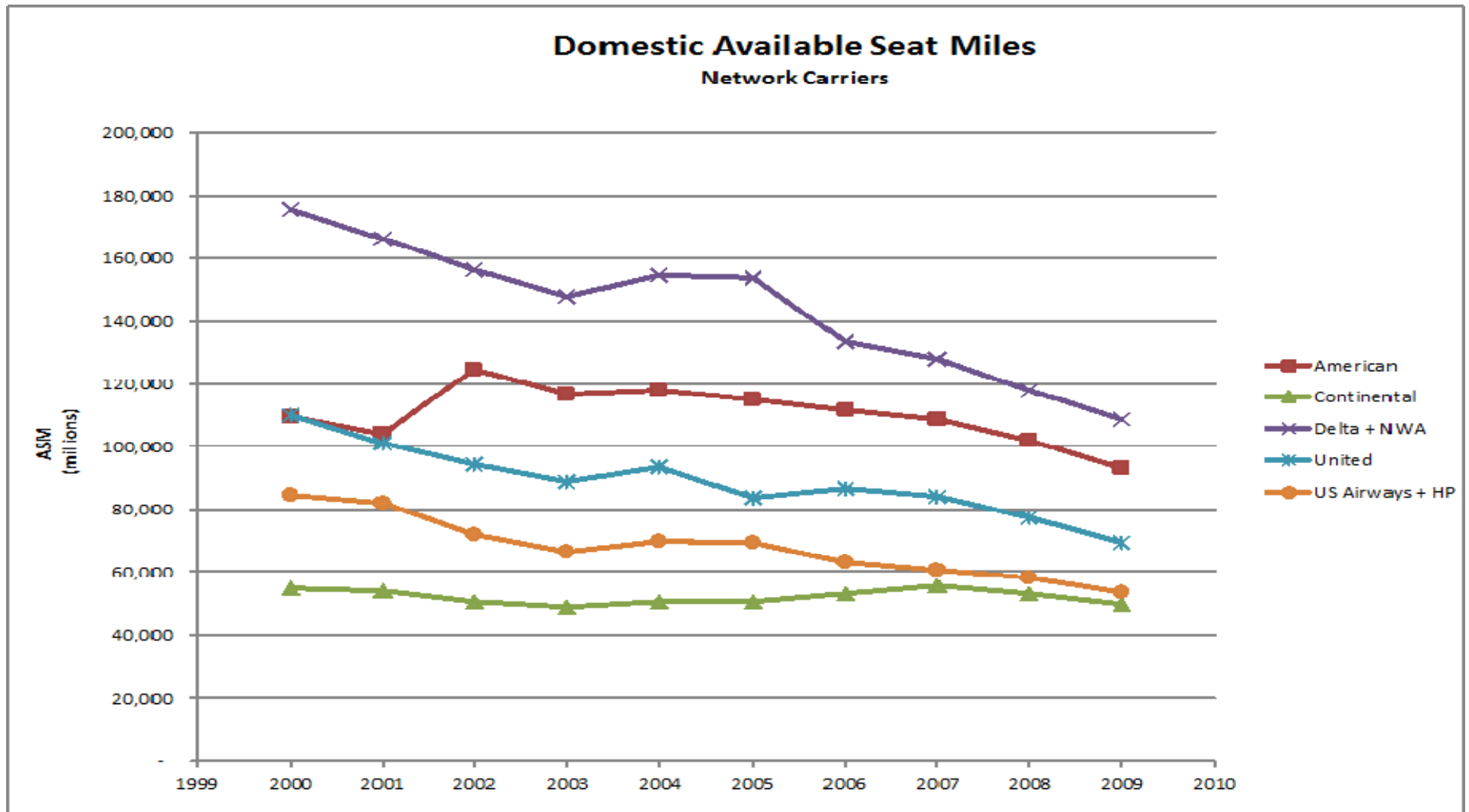


## Domestic Mainline Carrier Capacity Down 28% Since 2000; Total Domestic ASMs Still 16% Lower





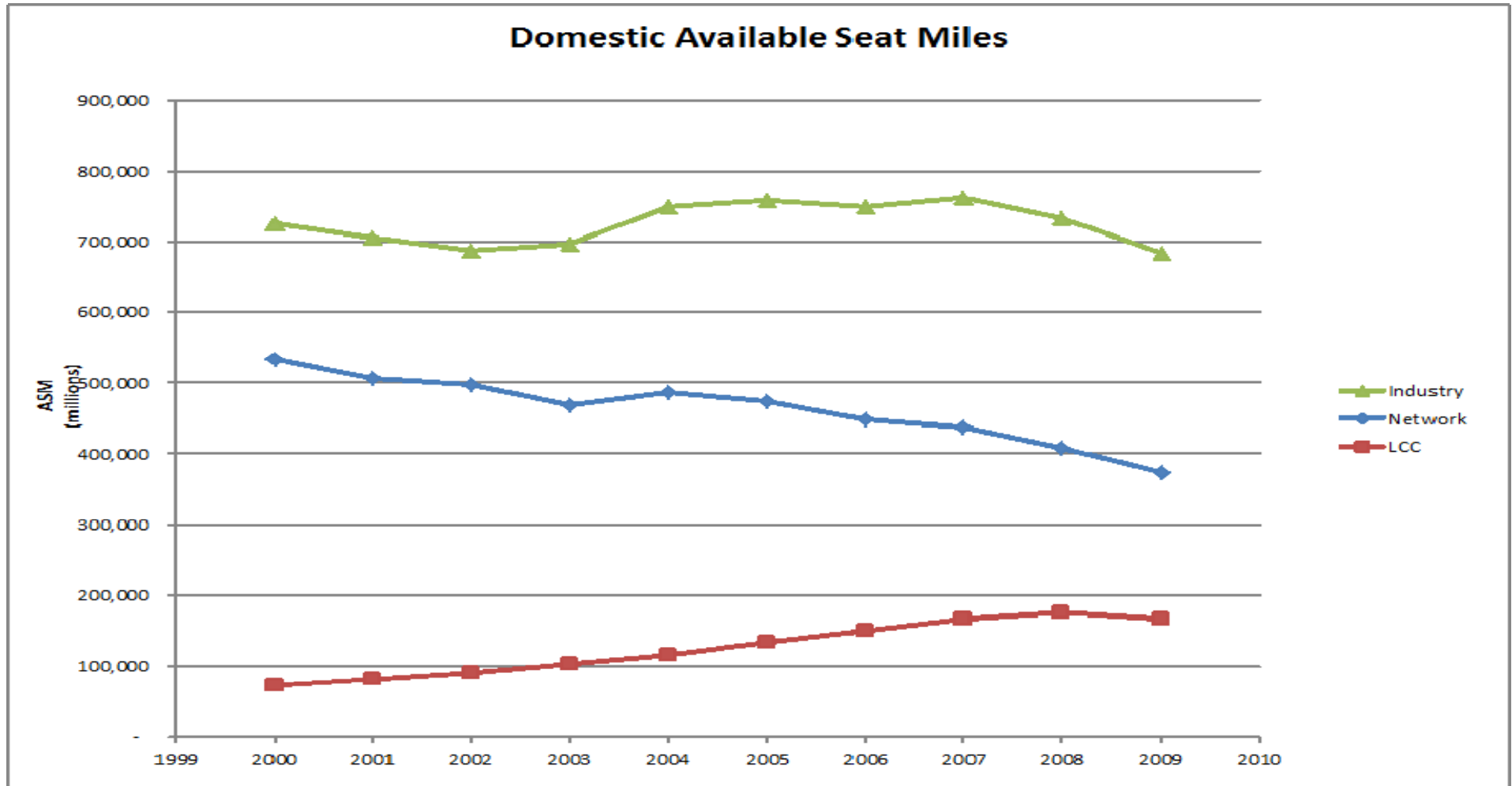
# Network Carriers Have Cut Domestic Capacity





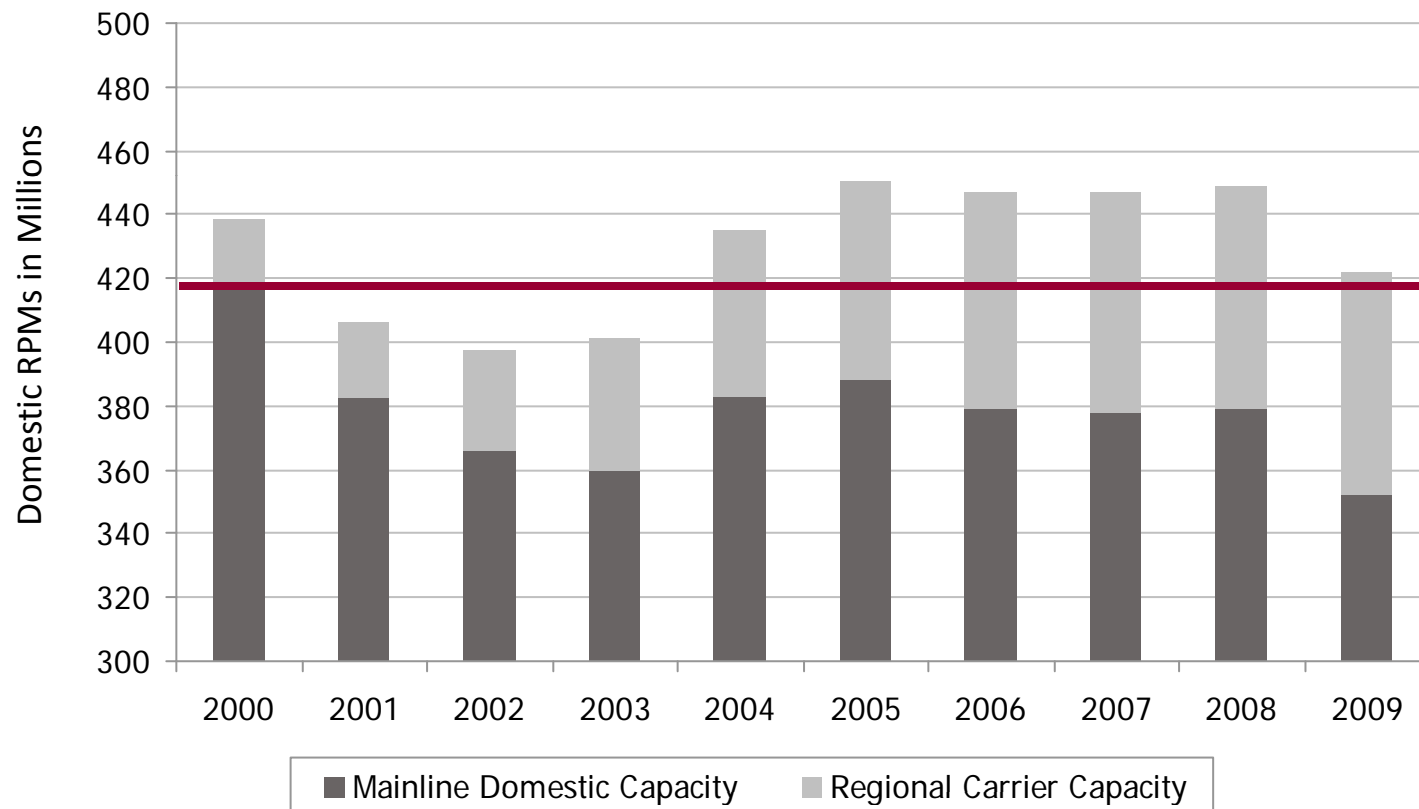


## LCC Domestic Capacity Has Grown, But Leveling Off





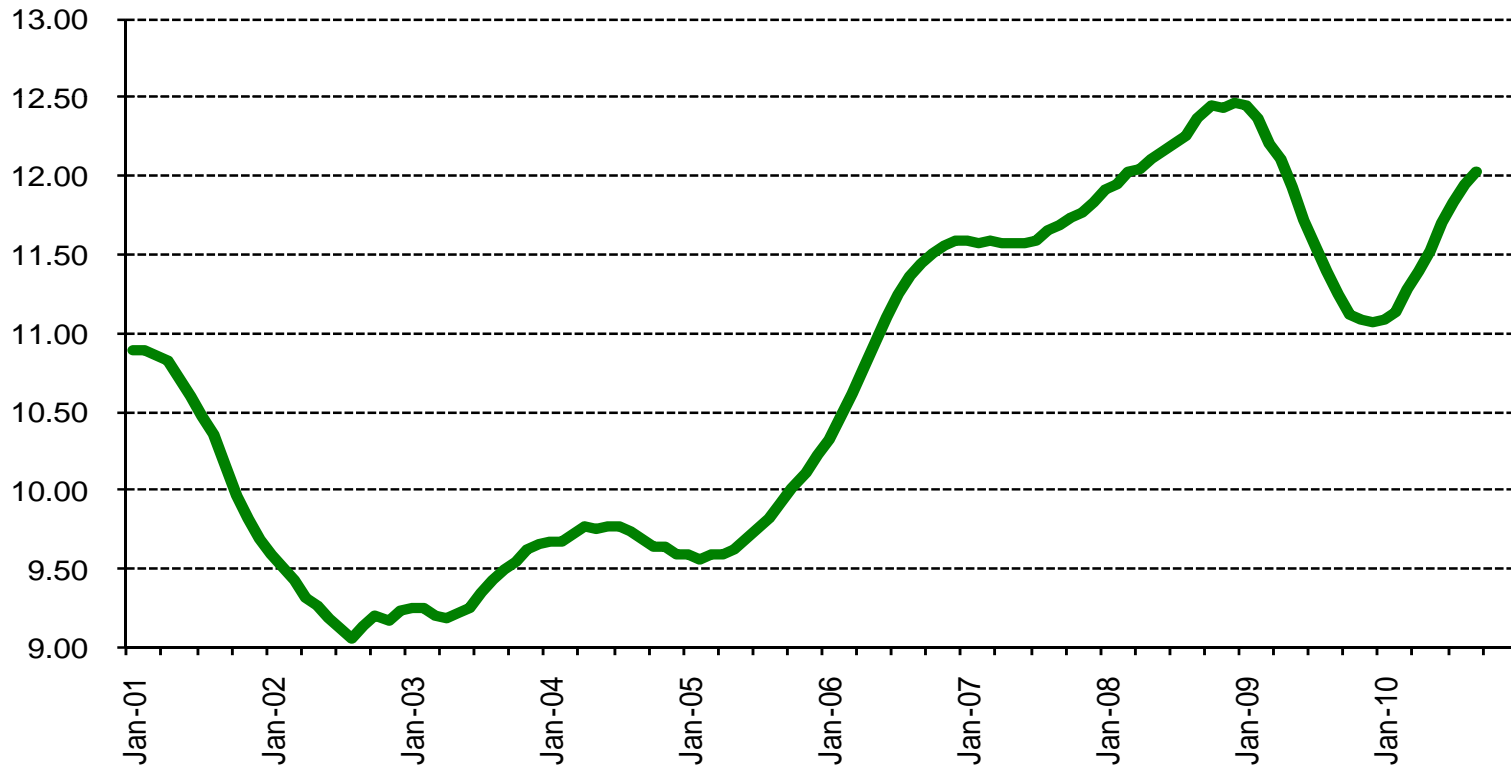
## Regional Partners Carry An Increasing Proportion of Decreased Domestic Passenger Traffic





## Pre-Downturn, Capacity Reduction Was Having a Positive Effect on Unit Revenue Measures

PRASM (¢) -- Domestic + Express  
12 Months Ended

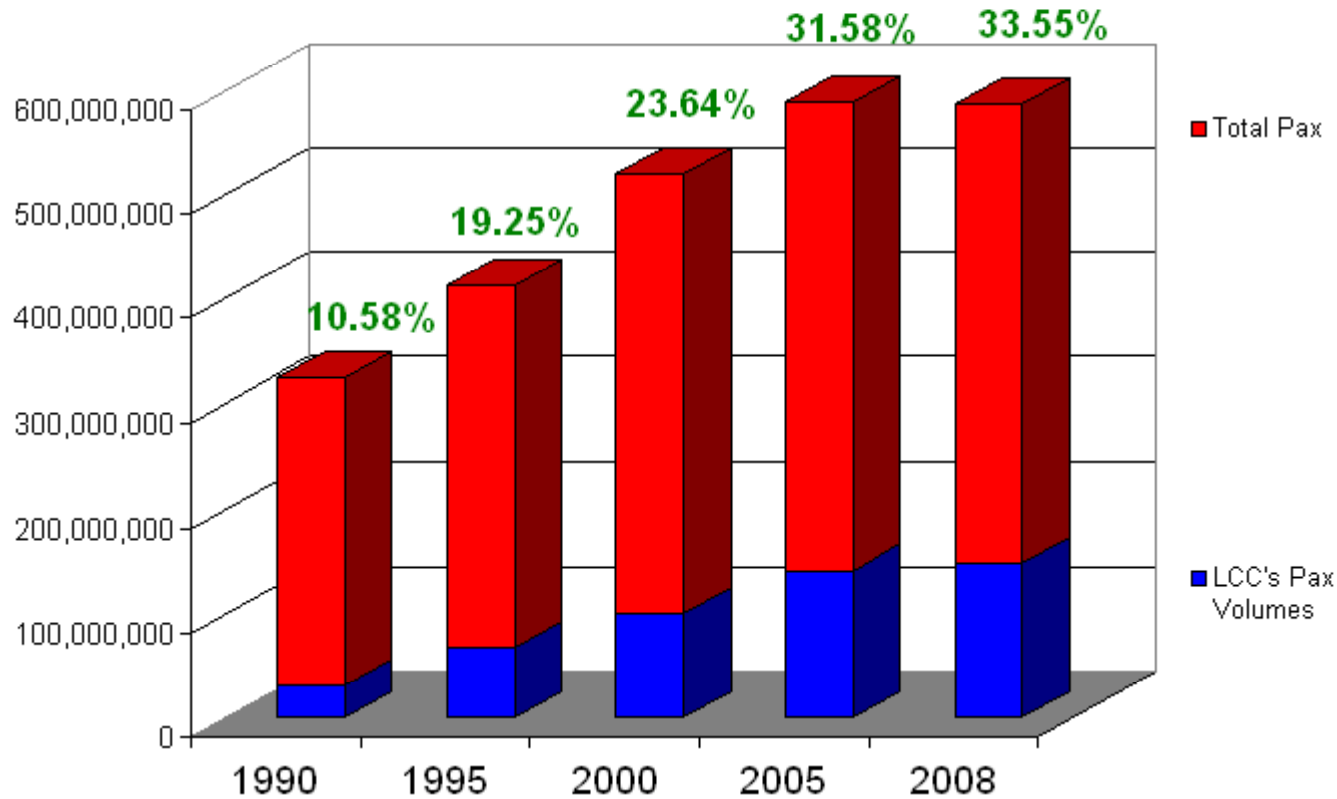


Source: Air Transport Association



## LCCs Carry 1 in 3 US Domestic Passengers

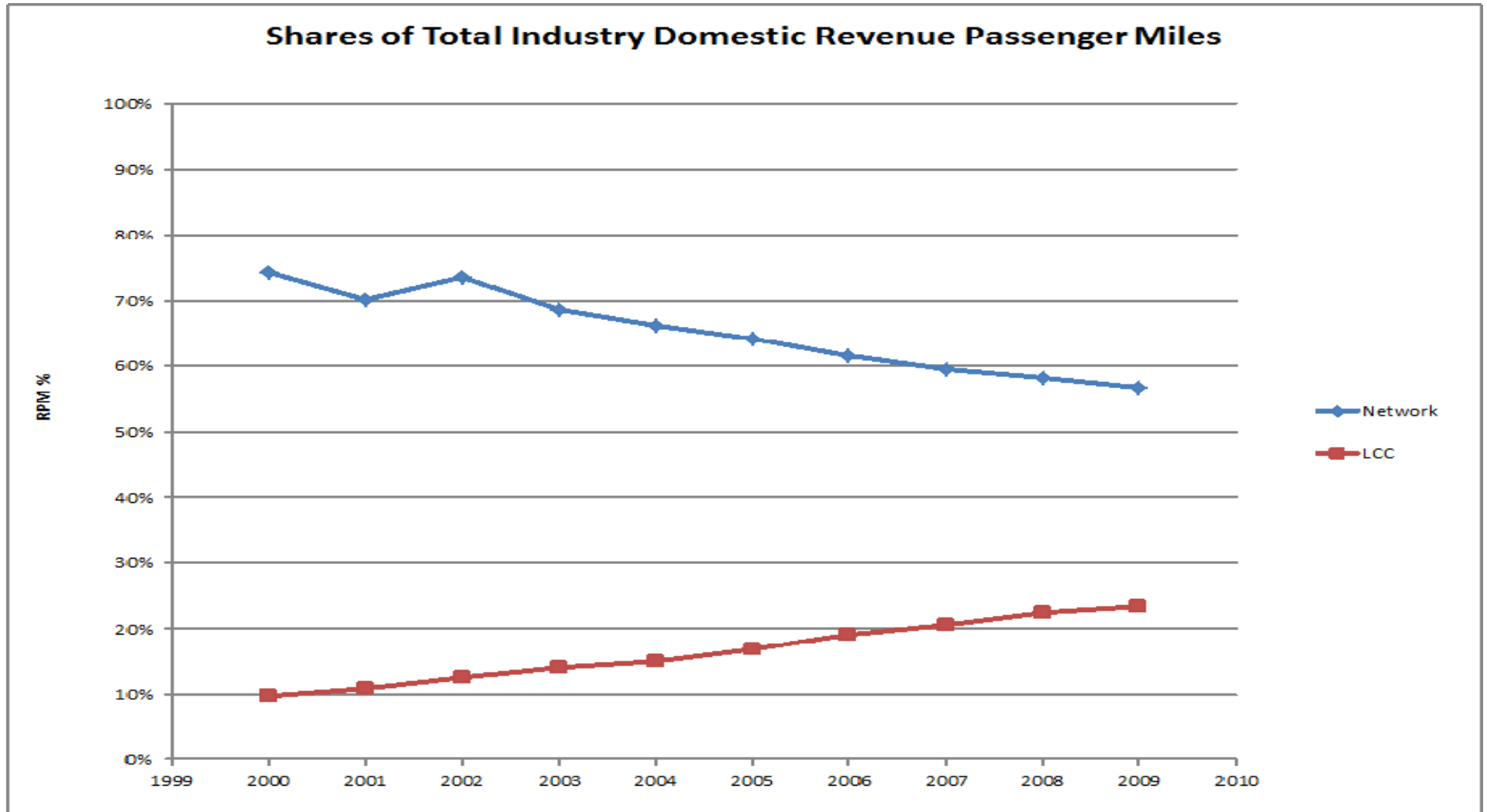
LCC Pax Traffic V. Total Pax Volumes



LCC Market Share is still growing but leveling off, reaching 34% of total US domestic passengers in 2008



## LCC Share of Domestic RPMs is Approaching 25%

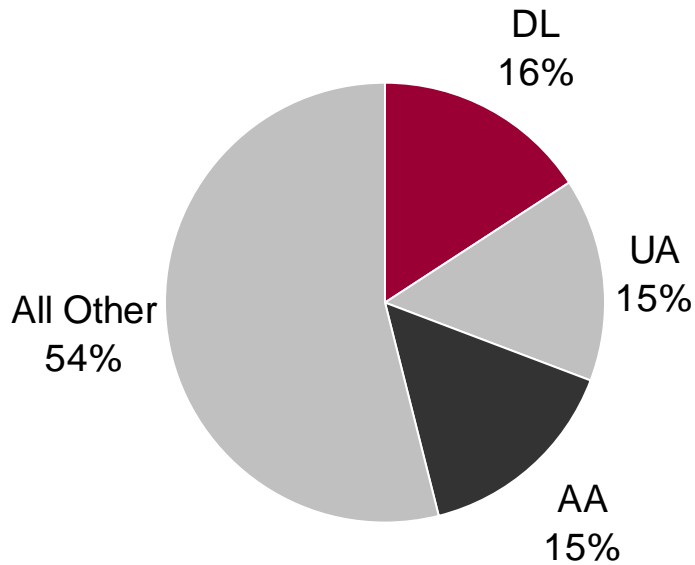




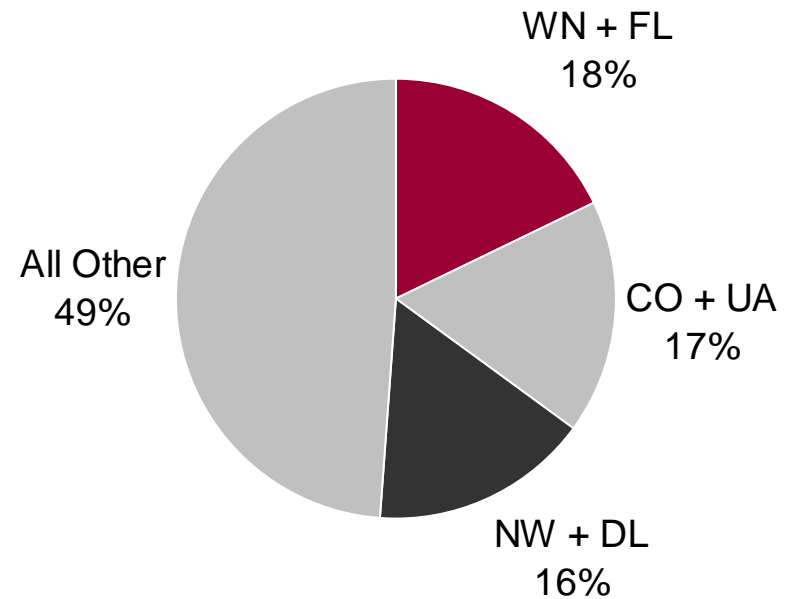
## Domestic Market Concentration Virtually Unchanged

Merged Southwest Larger than Delta *and* United in Domestic Capacity

### Domestic ASM Share First Quarter 2000

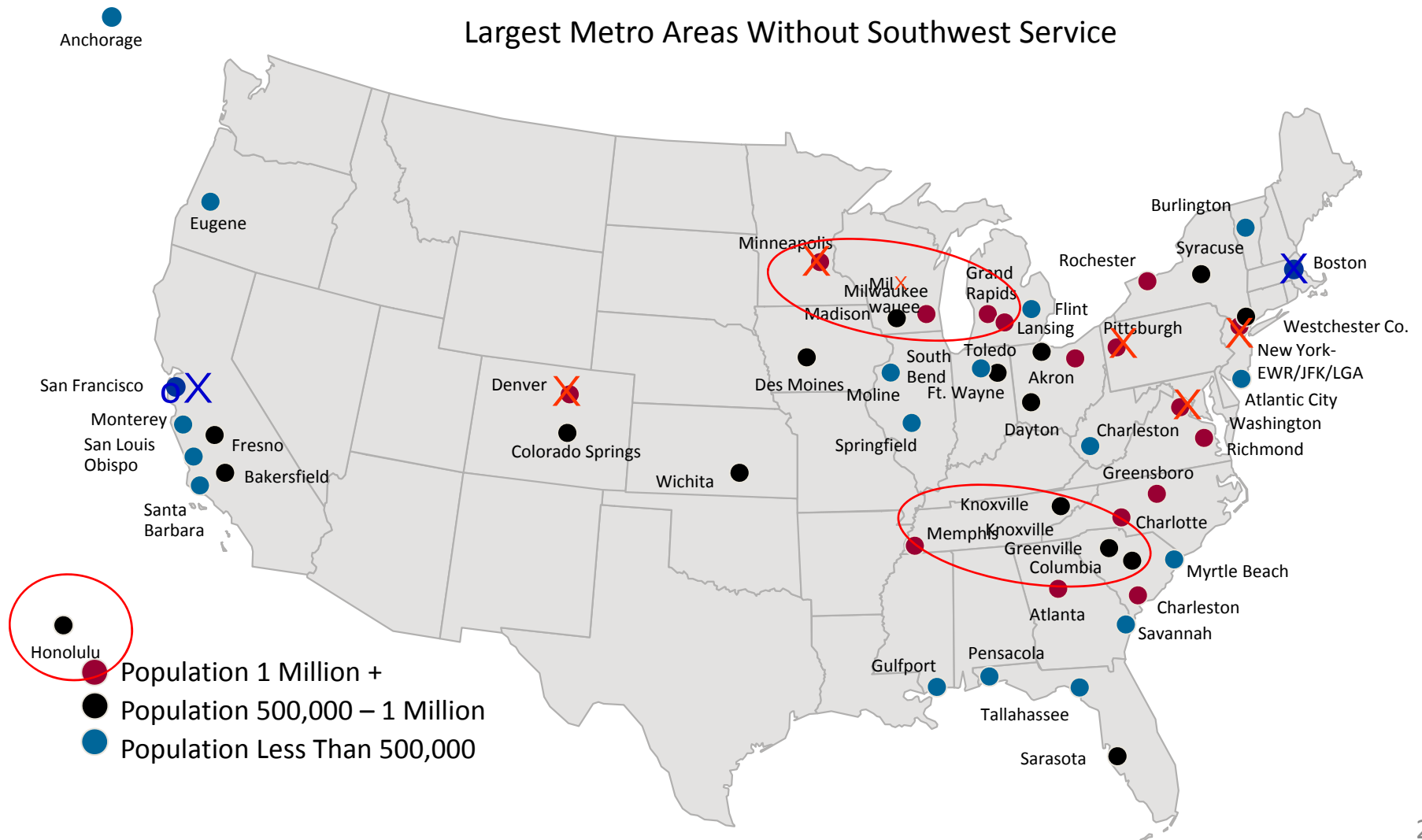


### Domestic ASM Share Second Quarter 2009



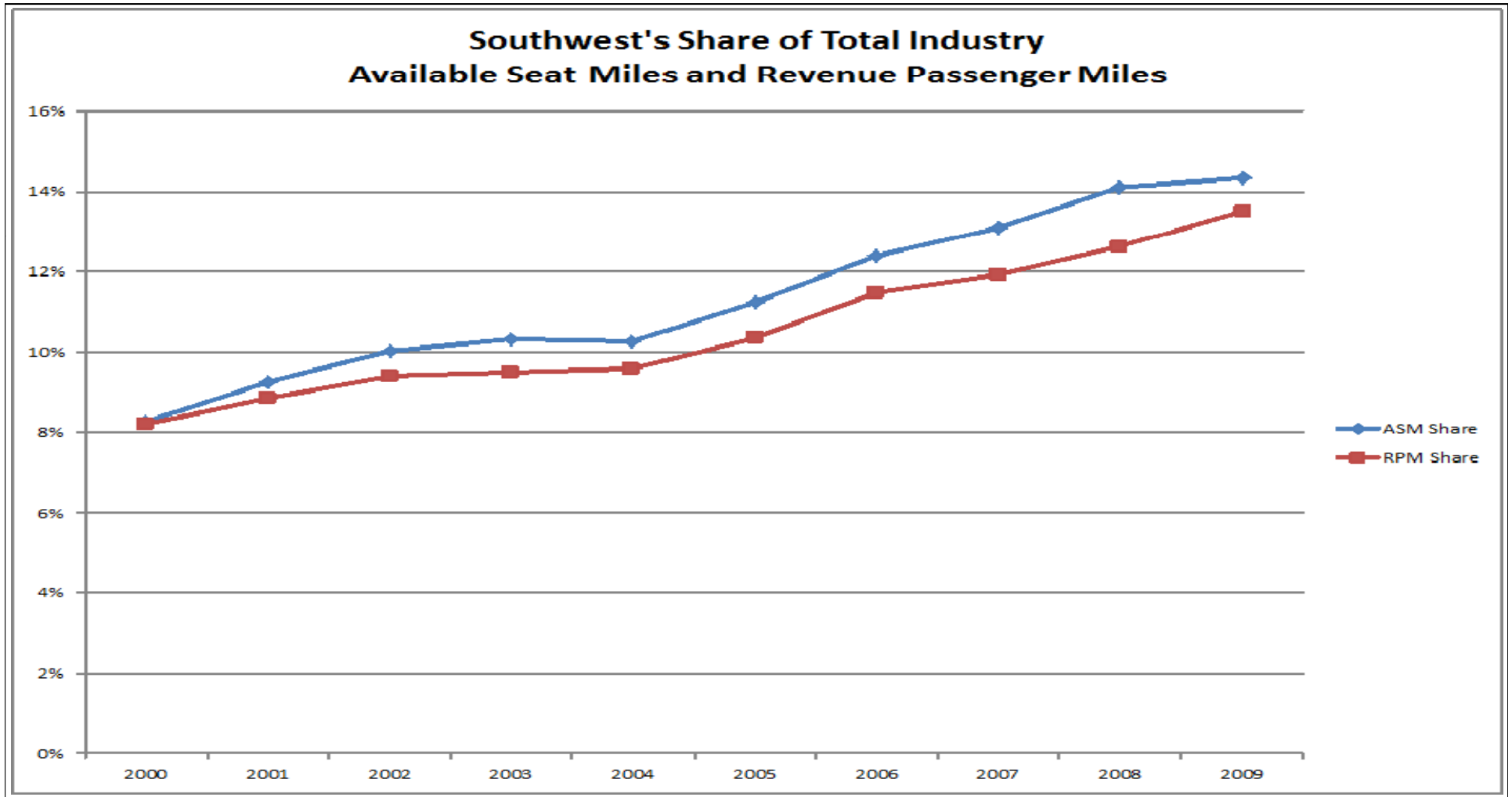


# Southwest's Recent Growth Has Only Been Into the Largest Markets





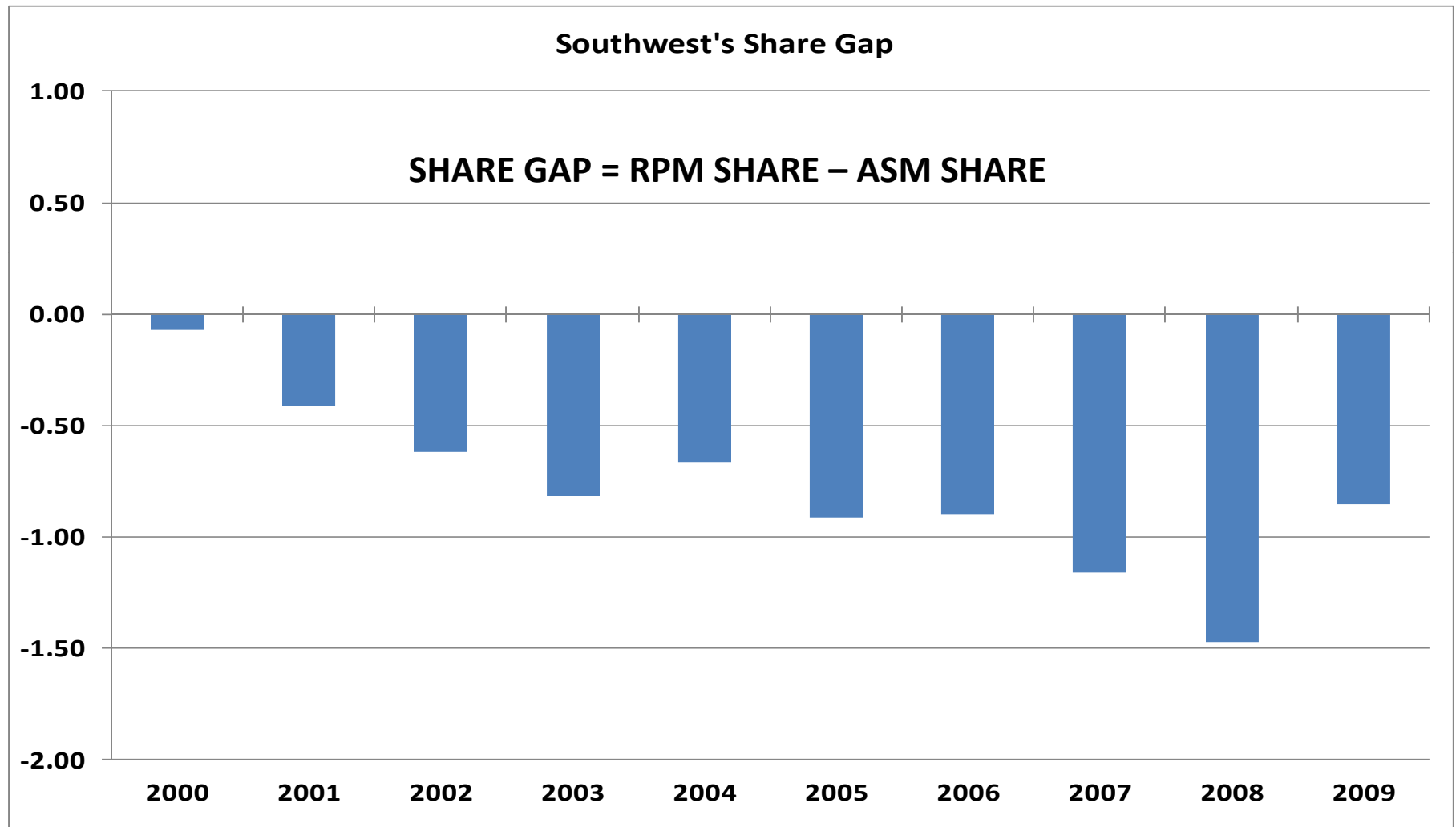
## Southwest has Increased Domestic Share through Growth in Capacity (ASM) Share at Below Average Load Factors







## Southwest “Share Gap” Narrowed in 2009 – Due to Extensive Marketing of No Ancillary Fees?





## Prospects for Sustained US Airline Profitability

- **Exogenous forces remain the primary drivers of profit**
  - Strong economic recovery is critical to the demand/revenue side
  - Fuel prices are climbing, continue to be the greatest wild card
- **Cost and productivity gains have leveled off and/or reversed**
  - Non-fuel and especially labor unit costs increasing for NLCs and LCCs
  - Upcoming labor negotiations will be particularly difficult
- **Return to profitability largely due to capacity management**
  - Shifts by NLCs to international flying; lower domestic capacity overall
  - Consolidation through mergers in both sectors
- **LCCs continue to grow in largest markets, albeit more slowly**
  - Their 2011+ capacity decisions will greatly affect industry performance