



Director, Japan Enterprise Technology Programs
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Recent market performance, trends 20-year traffic and airplane forecast Product strategy

Recent market performance

Since 2010









Global economic growth rate below average

Passenger market resilient, growing

Cargo market recovering nicely Airlines managing better than ever before

Market trends



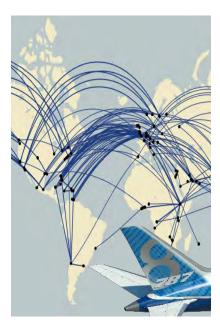
Growth driven by emerging economies, LCCs



Market much more diverse, balanced



Continued strong replacement demand



New airplanes, capabilities opening new markets



What's in the Current Market Outlook (CMO)?

Twenty-year traffic and product forecast

All regions of the world

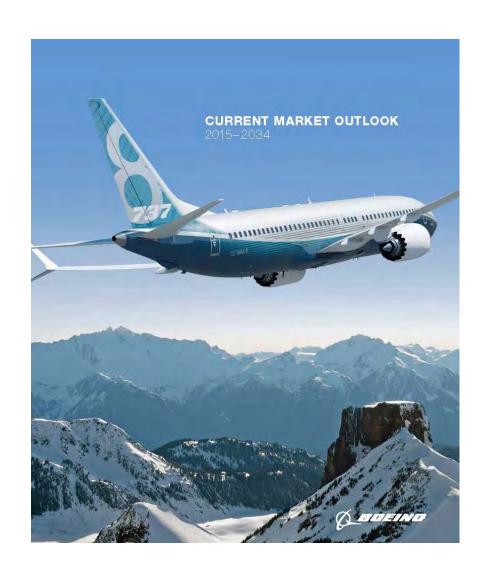
- 185 airlines / groups
- 63 traffic flows

All jets 30 seats and above

- No turbo props
- No business jets

Freighters

Scheduled and nonscheduled flying

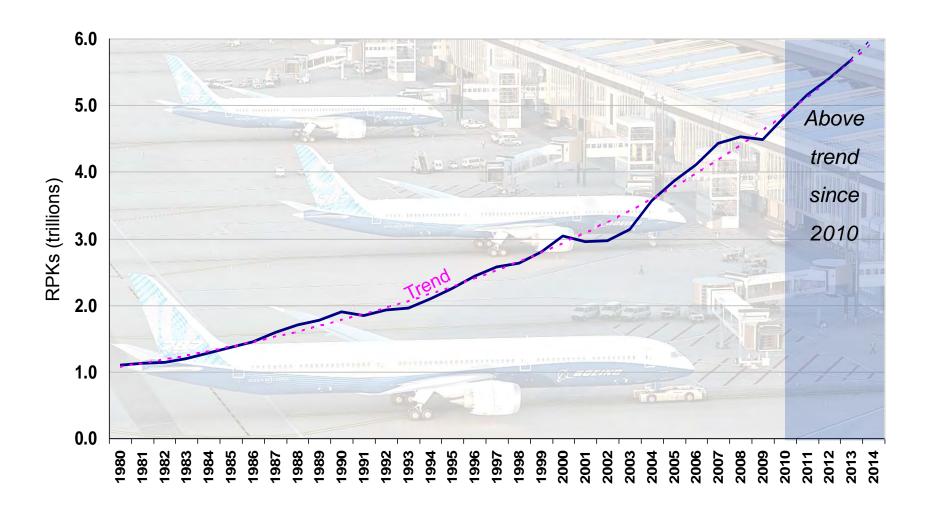


Market forecast drivers and considerations



Resilient, growing market expected to continue

5% long-term growth rate



RPKs = Revenue Passenger Kilometers SOURCE: ICAO scheduled traffic

Drivers of air travel demand



Trade
GDP level
GDP per capita
Labor force

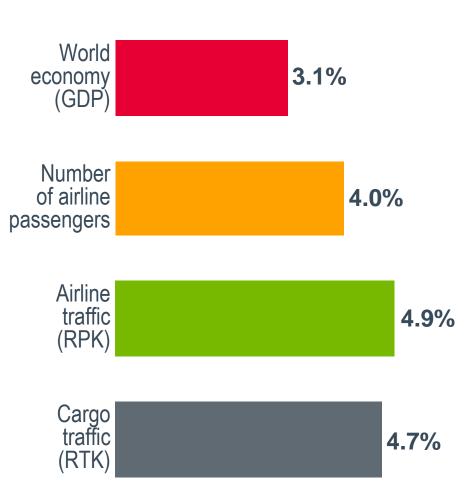


Network structure
Infrastructure
Business model
Regulatory environment



20-year forecast: strong long-term growth

2014 to 2034





Market growth driving increased requirements



~6% traffic growth (RPKs)



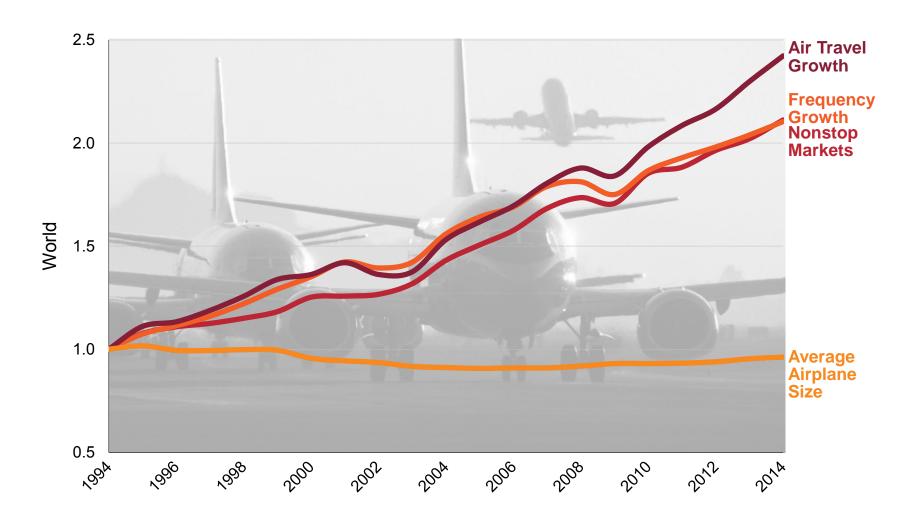
+180 million passengers



+900 more airplanes (passenger)

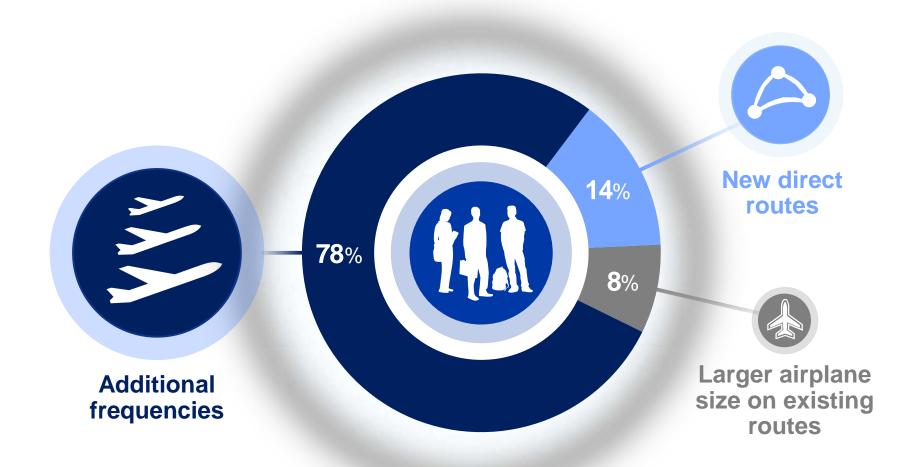
Air travel growth has been met by increased frequencies and nonstops

Market fragmentation drives growth



Between 2013 and 2014, nearly all capacity growth was accommodated by frequencies and direct flights

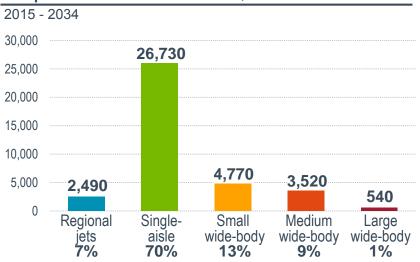
It's what passengers want, not bigger airplanes



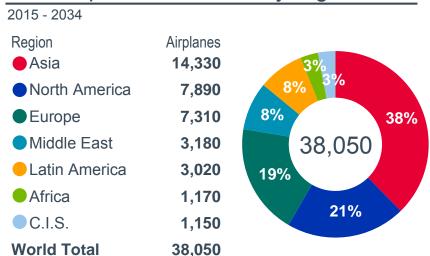
Airlines will need 38,000 new airplanes valued at \$5.6 trillion



Airplane deliveries: 38,050



New airplane deliveries by region



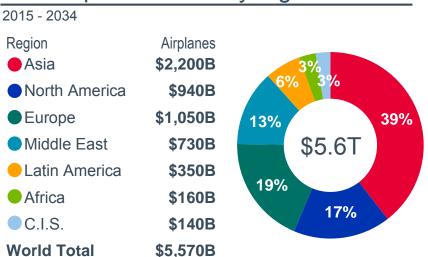
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Airplane deliveries: \$5.6 trillion

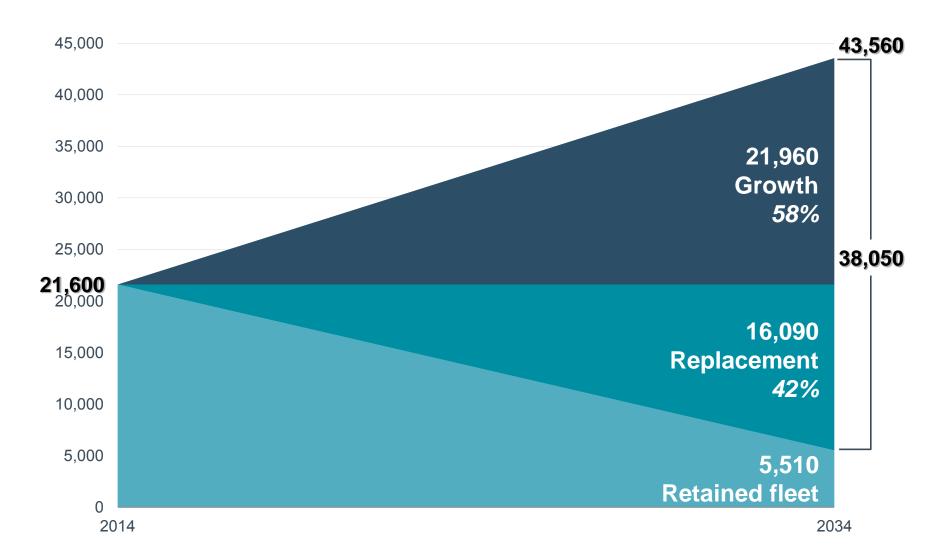


New airplane values by region



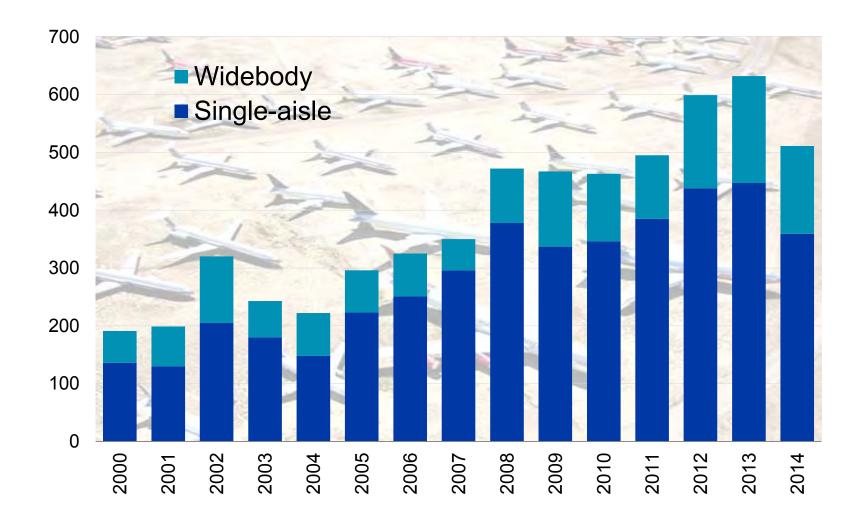
Global fleet will double

Units



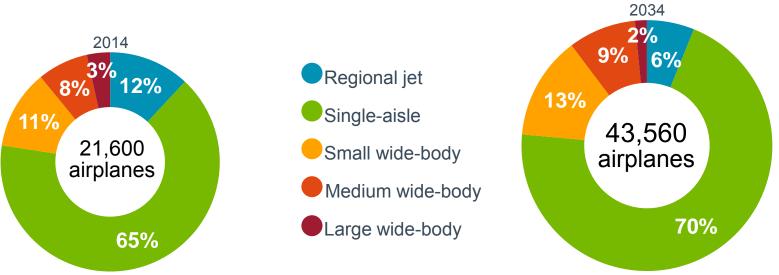
Airplane retirements have nearly tripled since 2000

Western jets retired with >90 seats, excluding hull losses



Fleet composition will change

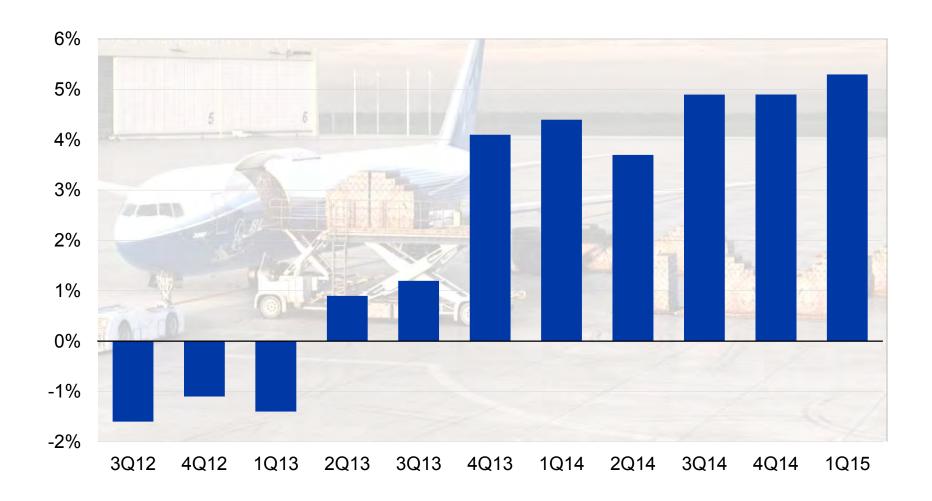




SOURCE: Ascend & Boeing CMO

Air cargo market recovery underway

Year-over-year RTK growth

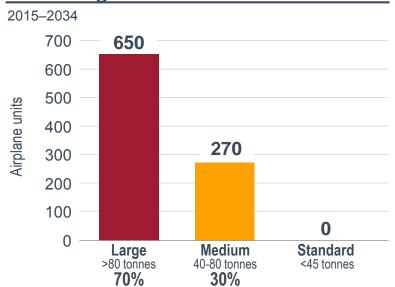


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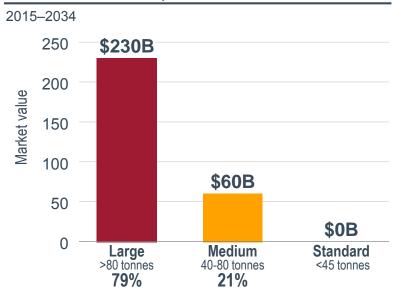
Future freighter deliveries will be led by demand for large widebodies



New freighter deliveries: 920

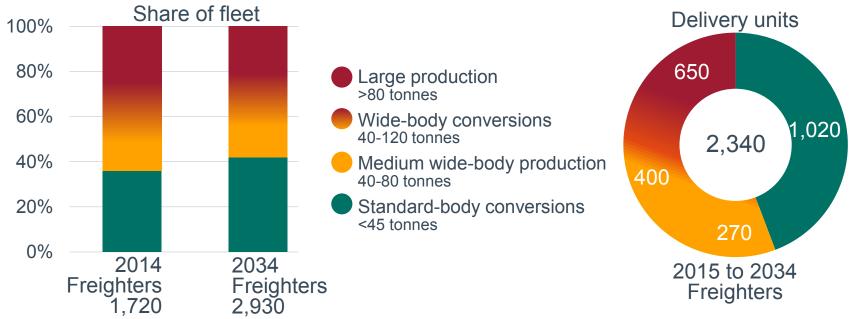


Market value: \$290 billion



New freighter demand -- 920 new, 1,420 converted

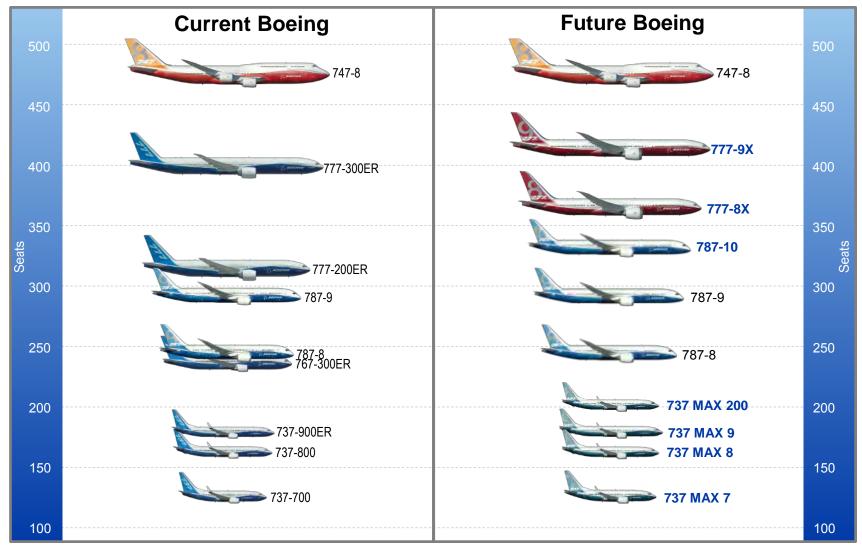






Boeing product line-up

Superior value, efficient market coverage



Substantial, balanced backlog validates Boeing's product strategy

Backlog by value (\$B)





Strong, growing market being driven by expansion
Single-aisle fuelling forecast
Boeing product strategy is right for today and the future

For more information, please visit our CMO website:



http://www.boeing.com/cmo