



<http://www.icao.int/sustainability/Pages/Air-Traffic-Monitor.aspx>

### GLOBAL KEY FIGURES

**OCT 2017**  
(versus OCT 2016)

**RPK** ▲ +7.2% **ASK** ▲ +6.2% **FTK** ▲ +5.9% **LF**: 80.8% ▲ +0.7 pts

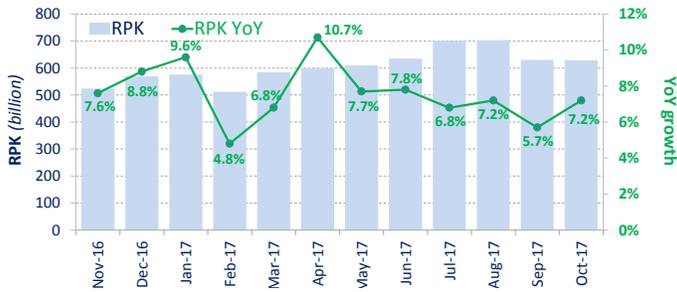
**OUTLOOK\* - NOV 2017**  
(versus NOV 2016)

**ASK** ▲ +6.3% \* Source OAG

### PASSENGER TRAFFIC

#### Revenue Passenger-Kilometres - RPK

World passenger traffic grew by +7.2% YoY in October 2017, +1.5 percentage points up from the growth in the previous month. After experiencing a slowdown in September due to the weather caused flight disruption, global traffic growth rebounded to the solid level as seen in August. All regions, except for Europe and Latin America, posted an acceleration in growth. Asia/Pacific remained as the fastest growing region, and was the only region posting double-digit growth. India's domestic travel demand remained strong and recorded the fastest growth by over +20.0%.



(Source: ICAO, IATA, OAG)

### CAPACITY

#### Available Seat-Kilometres - ASK

Capacity worldwide increased by +6.2% YoY in October 2017, +0.9 percentage points higher than the growth in the previous month (+5.3%).

In response to the same level of passenger traffic demand, the expansion of capacity is expected to be at +6.3% in November 2017.



(Source: ICAO, IATA, OAG)

### International Traffic vs. Tourist Arrivals

International passenger traffic grew by +7.3% YoY in October 2017, +0.8 percentage points up from the growth in the previous month. Asia/Pacific demonstrated strong growth in international traffic and remained as the fastest growing region, owing to the solid economic condition. A slowdown in growth was observed in Europe. The growth of international tourist arrivals\* followed a similar monthly trend.



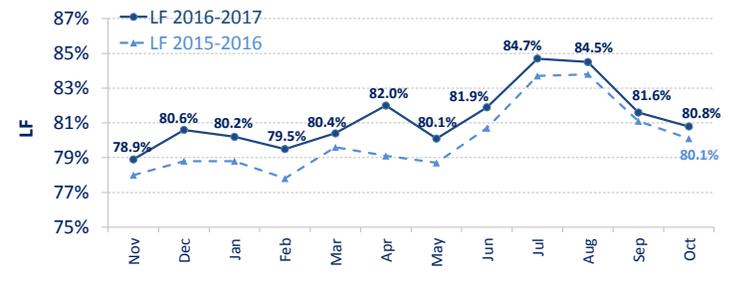
(Source: IATA, UNWTO)

\*UNWTO Definition

### Load Factor - LF

The passenger Load Factor reached 80.8% in October 2017, -0.8 percentage points lower than the LF recorded in the previous month.

Owing to the YoY traffic growth outpacing the capacity expansion, the October LF recorded +0.7 percentage points higher than the rate in the same period in 2016.



(Source: IATA)

### FREIGHT TRAFFIC

#### Freight Tonne-Kilometres - FTK

World freight traffic grew by +5.9% YoY in October 2017, -3.3 percentage points down from the growth in the previous month. The upward trend in freight traffic has eased and reached the slowest growth in the last 12 months. All regions posted a deceleration in growth with the exception in Africa, which continued to record the fastest growth and grew by over +30.0%, supported by the strengthening in trade between Africa and Asia/Pacific. Asia/Pacific experienced its slowest growth during the year; however, the current solid demand for export suggested an upward trend for the region in the near term.

Freight traffic growth outpaced the freight capacity expansion. As a result, the freight load factor exceeded its YTD rate by over +2.0 percentage points.



(Source: IATA)

» Continued from page 1

## TOP 15 AIRPORTS (Ranked by aircraft departures, passengers and volume of freight)

OCT 2017: +1.0%, +4.2%, and +3.9% YoY in terms of aircraft departures, passengers and freight for the Top 15

OCT 17

Airports (ranking by number of departures)	Departures	YoY
Chicago IL, US (ORD)	38,363	↑ 1.0%
Atlanta GA, US (ATL)	37,360	↓ -1.4%
Los Angeles CA, US (LAX)	29,405	↓ -0.8%
Dallas/Fort Worth TX, US (DFW)	27,835	↓ -0.4%
Beijing, CN (PEK)	26,164	↑ 0.2%
Denver CO, US (DEN)	24,061	↓ -2.7%
Charlotte NC, US (CLT)	23,432	↑ 3.3%
Amsterdam, NL (AMS)	23,211	↑ 3.6%
Frankfurt, DE (FRA)	21,894	↑ 4.4%
Shanghai, CN (PVG)	21,363	↑ 3.9%
Paris, FR (CDG)	21,014	↑ 0.2%
London, GB (LHR)	20,597	↓ -0.2%
Istanbul, TR (IST)	20,282	↑ 1.4%
San Francisco CA, US (SFO)	20,275	↑ 5.5%
Las Vegas NV, US (LAS)	20,233	↑ 0.1%

Airports (ranking by number of passengers)	Passengers*	YoY
Atlanta GA, US (ATL)	4,574,600	↑ 0.9%
Beijing, CN (PEK)	4,222,470	↑ 0.7%
Tokyo, JP (HND)	3,604,829	↓ -0.7%
Chicago IL, US (ORD)	3,594,039	↑ 1.7%
Los Angeles CA, US (LAX)	3,593,277	↑ 4.7%
Dubai, AE (DXB)	3,432,648	↑ 6.9%
London, GB (LHR)	3,332,749	↑ 2.8%
Amsterdam, NL (AMS)	3,125,602	↑ 7.9%
Hong Kong, CN (HKG)	3,072,000	↑ 7.3%
Frankfurt, DE (FRA)	3,028,752	↑ 6.4%
Shanghai, CN (PVG)	3,020,376	↑ 6.9%
Paris, FR (CDG)	3,019,535	↑ 5.0%
Guangzhou, CN (CAN)	2,890,550	↑ 8.3%
Istanbul, TR (IST)	2,887,101	↑ 9.8%
Dallas/Fort Worth TX, US (DFW)	2,842,380	↑ 1.2%

Airports (ranking by tonnes of freight)	Freight**	YoY
Hong Kong, CN (HKG)	430,000	↑ 2.3%
Memphis TN, US (MEM)	373,775	↑ 5.0%
Shanghai, CN (PVG)	332,054	↑ 7.3%
Incheon, KR (ICN)	239,837	↓ -1.8%
Anchorage AK, US (ANC)	238,512	↑ 8.4%
Dubai, AE (DXB)	231,805	↓ -1.9%
Louisville KY, US (SDF)	208,973	↑ 9.3%
Tokyo, JP (NRT)	198,091	↑ 0.7%
Taipei, CN (TPE)	195,753	↑ 1.6%
Chicago IL, US (ORD)	189,290	↑ 13.0%
Miami FL, US (MIA)	187,836	↑ 8.4%
Singapore, SG (SIN)	185,800	↑ 5.0%
Frankfurt, DE (FRA)	184,872	↑ 0.4%
Beijing, CN (PEK)	179,737	↑ 2.1%
Paris, FR (CDG)	178,000	↑ 1.4%

Note: Total scheduled and non-scheduled services

(Source: ACI)

In terms of **aircraft departures**, the Top 15 airports reported an increase of **+1.0%** YoY. Airports in North America continued to be affected by the hurricanes, and four airports posted declines in operations with the largest decline in **Denver (-2.7%)**. **London** also experienced a decline of **-0.2%**. **Chicago** remained at **1st** with a moderate growth of **+1.0%**.

In terms of **passengers**, the Top 15 airports reported a growth of **+4.2%** YoY. Due to the flight disruption caused by Typhoon Lan, **Tokyo** was the only airport posting a decline in passenger traffic within the Top 15 (**-0.7%**). **Atlanta** overtook Beijing as **1st** with a modest growth of **+0.9%**. **Istanbul** recorded the strongest growth by **+9.8%**, followed by **Guangzhou (+8.3%)**.

In terms of **freight**, the Top 15 airports reported a growth of **+3.9%** YoY. All the Top 15 airports recorded increases, except for **Incheon (-1.8%)** and **Dubai (-1.9%)**. Decrease in Incheon was partly due to the loss of over four working days to the holiday period. **Chicago** recorded the strongest growth by **+13.0%**, owing to the opening of the new cargo facility to support the increasing demand.

## TOP 15 AIRLINE GROUPS (Ranked by RPK)

OCT 2017: +5.6% YoY in terms of RPK for the Top 15

OCT 17

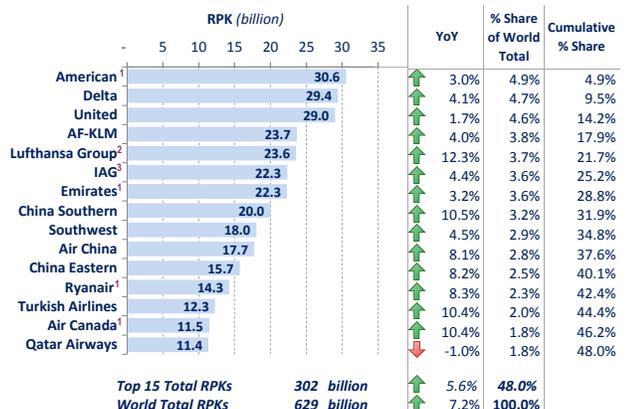
In terms of **RPK**, the Top 15 airline groups accounted for **48.0%** of world total RPK in October 2017, and grew by **+5.6%** YoY. This growth was **-1.6** percentage points lower than the world average on scheduled services. All the Top 15 airline groups posted YoY increases, with the exception of Qatar Airways.

**American** took over the **1st** position after experiencing a decline in September due to the weather related flight disruption. **Delta** and **United** ranked **2nd** and **3rd**, and grew by **+4.1%** and **+1.7%**, respectively. **Southwest** remained at **9th** with a growth of **+4.5%**. **Air Canada** continued to record the strongest growth within the North American airlines in the Top 15 and ranked **14th**.

The two Middle Eastern airlines, **Emirates** and **Qatar Airways**, posted diverging trends, **+3.2%** and **-1.0%**, and ranked **7th** and **15th**, respectively.

**Lufthansa** continued to record the highest growth within the Top 15 by **+12.3%**, owing to the strong performance of the group's "Point-to-Point" airlines. The other European airlines grew at different pace while remained at the same positions as the previous month.

Growth of the Asia/Pacific airlines remained solid. **China Southern**, **Air China** and **China Eastern** ranked **8th**, **10th** and **11th** with a growth of **+10.5%**, **8.1%** and **+8.2%**, respectively.



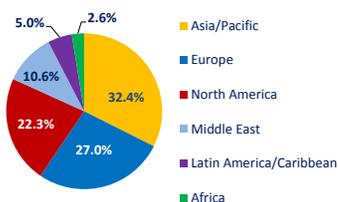
(Source: ICAO, airlines' websites)

Note: Total scheduled and non-scheduled services

## CAPACITY BY REGION (ICAO Statistical Regions)

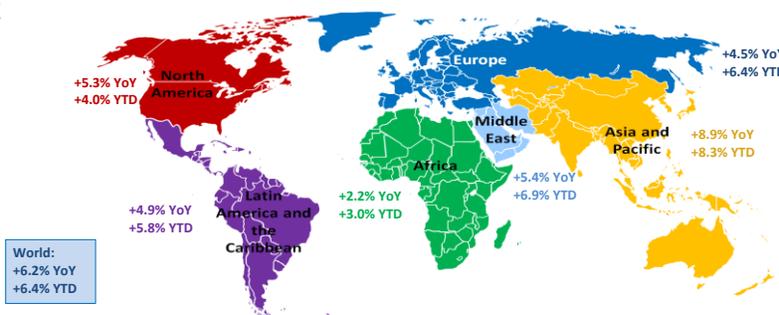
OCT 2017: +6.2% YoY in terms of World ASK

% Share of Capacity by Region



(Source: ICAO, IATA, OAG)

Note: Total scheduled services



All regions, except for Europe and Latin America/Caribbean, posted an expansion in capacity in October 2017 with a **+6.2%** YoY increase in capacity worldwide. **Asia/Pacific** recorded the fastest capacity expansion, and was the only region posting faster increase than the world average.

The world capacity expanded by **+6.4%** on the YTD basis.

\* Embarked Passengers \*\* Loaded and Unloaded Freight inTonnes 1. ICAO estimates 2. Lufthansa Airlines, Germanwings, SWISS, Austrian Airlines, Brussels Airlines, Sun Express, and Lufthansa Cargo 3. British Airways, Iberia, and Vueling