



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

GLOBAL KEY FIGURES

OCT 2018
(versus OCT 2017)

RPK ▲ +6.3% **ASK** ▲ +6.3% **FTK** ▲ +3.1% **LF**: 81.1% ▼ -0.3 pt

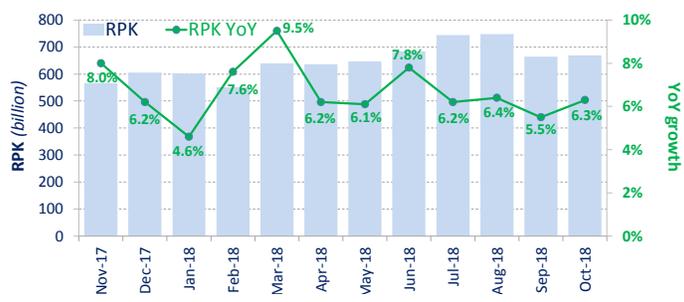
OUTLOOK* - NOV 2018
(versus NOV 2017)

ASK ▲ +6.2% * Source OAG

PASSENGER TRAFFIC

Revenue Passenger-Kilometres - RPK

World passenger traffic grew by +6.3% YoY in October 2018, +0.8 percentage point higher than the growth in the previous month. This was a slight improvement from the slowdown in September, impacted by the flight disruptions due to weather. Asia/Pacific, Europe, Latin America/Caribbean and the Middle East, accelerated in traffic growth, with the most significant improvement observed in the Middle East. Domestic traffic demand in India and China continued to be strong, and both grew double-digitally, followed by Russia.

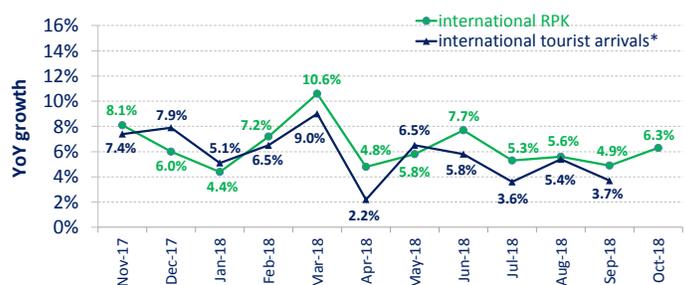


(Source: ICAO, IATA, OAG)

International Traffic vs. Tourist Arrivals

International passenger traffic grew by +6.3% YoY in October 2018, +1.4 percentage points higher than the growth in the previous month. All regions accelerated in growth, except for Latin America/Caribbean. Europe and Africa became the fastest growing regions.

The growth of international tourist arrivals* followed a similar monthly trend.



*UNWTO Definition

(Source: IATA, UNWTO)

FREIGHT TRAFFIC

Freight Tonne-Kilometres - FTK

World freight traffic grew by +3.1% YoY in October 2018, +1.1 percentage points higher than the growth in the previous month. Traffic growth remained as moderate due to the overall weaker demand. Only two regions, Asia/Pacific and North America, posted an acceleration in growth, with the latter recording a significant improvement and became the fastest growing region, owing to the strengthening of US economy. The largest deceleration was experienced by Latin America/Caribbean, followed by Africa and the Middle East, while Europe remained relatively stable. Africa continued to be the only region with negative growth and further weakened its growth.

CAPACITY

Available Seat-Kilometres - ASK

Capacity worldwide increased by +6.3% YoY in October 2018, +0.5 percentage point higher than the growth in the previous month (+5.8%).

According to the airline schedules, the expansion of capacity is expected to be at +6.2% in November 2018.



(Source: ICAO, IATA, OAG)

Load Factor - LF

The passenger Load Factor reached 81.1% in October 2018, -0.3 percentage point lower than the LF recorded in the previous month.

Capacity expanded at the same pace as traffic growth, and the October LF was similar to the rate in the same period in 2017, with a small improvement of +0.3 percentage point.



(Source: IATA)

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

OCT 2018: +2.9%, +3.1%, and +2.7% YoY in terms of aircraft departures, passengers and freight for the Top 15

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Airports (ranking by number of departures)	Departures	YoY	Airports (ranking by number of passengers)	Passengers*	YoY	Airports (ranking by tonnes of freight)	Freight**	YoY
Chicago IL, US (ORD)	40,438	↑ 5.4%	Atlanta GA, US (ATL)	4,630,330	↑ 1.2%	Hong Kong, CN (HKG)	442,000	↑ 2.8%
Atlanta GA, US (ATL)	37,907	↑ 1.5%	Beijing, CN (PEK)	4,477,207	↑ 6.0%	Memphis TN, US (MEM)	396,867	↑ 6.2%
Los Angeles CA, US (LAX)	29,460	↑ 0.2%	Chicago IL, US (ORD)	3,763,474	↑ 4.7%	Shanghai, CN (PVG)	313,851	↓ -5.5%
Dallas/Fort Worth TX, US (DFW)	28,160	↑ 1.2%	Tokyo, JP (HND)	3,647,521	↓ -3.7%	Incheon, KR (ICN)	254,597	↑ 6.2%
Beijing, CN (PEK)	26,674	↑ 2.0%	Los Angeles CA, US (LAX)	3,628,620	↑ 1.0%	Anchorage AK, US (ANC)	249,568	↑ 2.4%
Denver CO, US (DEN)	25,973	↑ 7.9%	Dubai, AE (DXB)	3,503,912	↑ 2.1%	Dubai, AE (DXB)	237,499	↑ 2.5%
Charlotte NC, US (CLT)	24,430	↑ 4.3%	London, GB (LHR)	3,477,894	↑ 4.4%	Louisville KY, US (SDF)	211,930	↑ 1.4%
Amsterdam, NL (AMS)	23,355	↑ 0.7%	Amsterdam, NL (AMS)	3,204,962	↑ 2.5%	Taipei, CN (TPE)	201,654	↑ 3.0%
Frankfurt, DE (FRA)	23,276	↑ 6.3%	Paris, FR (CDG)	3,190,531	↑ 5.7%	Doha, QA (DOH)	197,657	↑ 13.1%
Shanghai, CN (PVG)	21,797	↑ 2.0%	Frankfurt, DE (FRA)	3,186,086	↑ 5.2%	Tokyo, JP (NRT)	195,465	↓ -1.3%
Paris, FR (CDG)	21,552	↑ 2.6%	Shanghai, CN (PVG)	3,166,238	↑ 4.8%	Singapore, SG (SIN)	189,800	↑ 2.2%
London, GB (LHR)	20,833	↑ 1.1%	Hong Kong, CN (HKG)	3,088,000	↑ 0.5%	Los Angeles CA, US (LAX)	188,707	↑ 5.4%
Guangzhou, CN (CAN)	20,821	↑ 3.1%	Guangzhou, CN (CAN)	3,072,443	↑ 6.3%	Paris, FR (CDG)	187,014	↑ 5.6%
New Delhi, IN (DEL)	20,767	↑ 4.2%	Istanbul, TR (IST)	2,994,049	↑ 3.5%	Frankfurt, DE (FRA)	183,392	↓ -0.8%
Toronto ON, CA (YYZ)	20,229	↑ 1.2%	New Delhi, IN (DEL)	2,914,254	↑ 4.2%	Beijing, CN (PEK)	178,801	↓ -0.5%

Note: Total scheduled and non-scheduled services

(Source: ACI)

In terms of **aircraft departures**, the Top 15 airports reported a growth of **+2.9%** YoY. All the Top 15 airports posted YoY increases. **Chicago** retained the 1st position with a growth of **+5.4%**, followed by **Atlanta** (+1.5%). The strongest growth in operations was recorded by **Denver** at **+7.9%** and **Frankfurt** at **+6.3%**.

In terms of **passengers**, the Top 15 airports reported a growth of **+3.1%** YoY. All the Top 15 airports posted YoY increases, except for **Tokyo** with a decline of **-3.7%**. Two Chinese airports, **Guangzhou** and **Beijing**, topped the list in terms of YoY increases at **+6.3%** and **+6.0%**, respectively. **Atlanta** remained at 1st with a growth of **+1.2%**, followed by **Beijing**.

In terms of **freight**, the Top 15 airports reported a growth of **+2.7%** YoY. Four airports posted YoY declines, with three in Asia/Pacific. The most significant decline was posted by **Shanghai** (**-5.5%**), impacted by the trade tension. **Doha** continued to demonstrate strong performance, and was the only airport growing double-digitally at **+13.1%**.

TOP 15 AIRLINE GROUPS (Ranked by RPK)

OCT 2018: +6.7% YoY in terms of RPK for the Top 15

In terms of RPK, the Top 15 airline groups accounted for **48.1%** of world total RPK in October 2018, and grew by **+6.7%** YoY. This growth was +0.4 percentage point higher than the world average on scheduled services. All the Top 15 airline groups posted YoY increases.

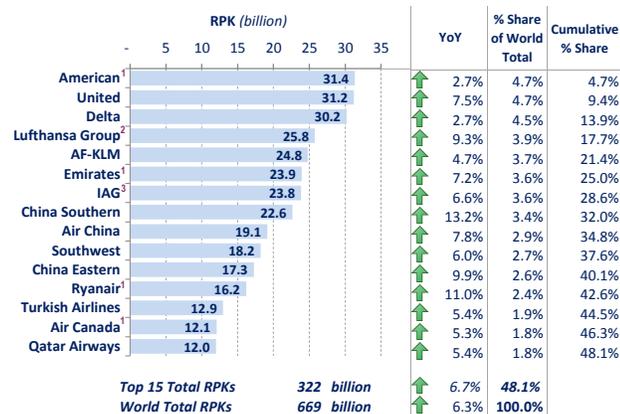
American regained the 1st position albeit with a moderate growth of **+2.7%**. **United** ranked 2nd, and continued to grow strongly at **7.5%**, more than double of the pace of other airlines in the Top 3. **Delta** ranked 1 position down to 3rd and grew modestly at **+2.7%**. With an increase of **+6.0%**, **Southwest** improved 2 positions to 10th. The fast expansion of **Air Canada** eased in recent months, and the airline ranked 1 position down to 14th with a growth of **+5.3%**.

Emirates grew slightly faster at **+7.2%** and ranked over IAG at 6th. **Qatar** remained at 15th with a growth of **+5.4%**.

Lufthansa continued to post the strongest growth among the European airline groups, at **+9.3%**, and remained at 4th. **AF-KLM** and **IAG** ranked 5th and 7th, and grew at **+4.7%** and **+6.6%**, respectively. **Ryanair** grew double-digitally at **+11.0%** and ranked 12th. **Turkish Airlines** improved 1 position to 13th.

Major airlines in Asia/Pacific continued to grow solidly, with **China Southern** recording the fastest growth among the Top 15 by **+13.2%** and ranked 8th. Followed were **Air China** and **China Eastern**, at 9th and 11th, with a growth of **+7.8%** and **+9.9%**, respectively.

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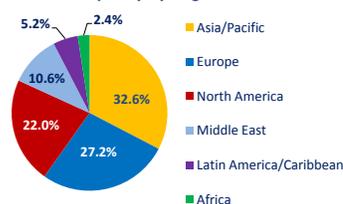
(Source: ICAO, airlines' websites)

Note: Total scheduled and non-scheduled services

CAPACITY BY REGION (ICAO Statistical Regions)

OCT 2018: +6.3% YoY in terms of World ASK

% Share of Capacity by Region



World: +6.3% YoY
+6.0% YTD

(Source: ICAO, IATA, OAG)

Note: Total scheduled services

* Embarked Passengers ** Loaded and Unloaded Freight in Tonnes 1. ICAO estimates 2. Lufthansa Airlines, Eurowings, SWISS, Austrian Airlines, Brussels Airlines, Sun Express, and Lufthansa Cargo 3. British Airways, Aer Lingus, Iberia, and Vueling

ACRONYMS: ACI: Airports Council International; ASK: Available Seat-Kilometres; IATA: International Air Transport Association; FTK: Freight Tonne-Kilometres; LF: Passenger Load Factor; OAG: Official Airline Guide; RPK: Revenue Passenger-Kilometres; UNWTO: World Tourism Organization; YoY: Year-on-year; YTD: Year-to-date.

Worldwide capacity expanded by **+6.3%** YoY in October 2018. Four regions, **Asia/Pacific**, **Europe**, **Latin America/Caribbean** and the **Middle East**, accelerated in capacity growth. **Europe** recorded the most significant improvement while **Latin American/Caribbean** remained as the fastest growing region.

Both **North America** and **Africa** slowed down in capacity increase, with the former posting a more notable deceleration.