



ICAO

ECONOMIC DEVELOPMENT

APR 2018: Air Transport Monthly Monitor

World Results and Analyses for FEB 2018. Total scheduled services (domestic and international).

Air Transport Bureau
E-mail: ecd@icao.int

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

GLOBAL KEY FIGURES

FEB 2018
(versus FEB 2017)

RPK ▲ +7.6% **ASK** ▲ +6.3% **FTK** ▲ +6.8% **LF**: 80.4% ▲ +0.9 pt

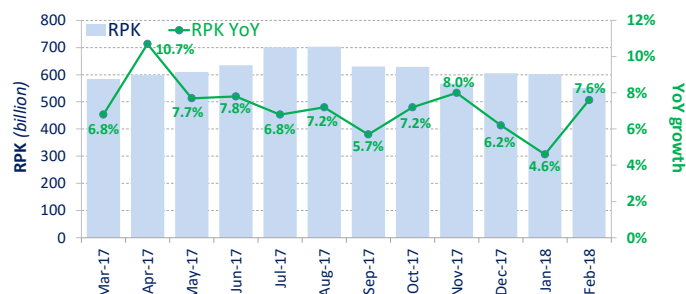
OUTLOOK* - MAR 2018
(versus MAR 2017)

ASK ▲ +6.8% * Source OAG

PASSENGER TRAFFIC

Revenue Passenger-Kilometres - RPK

World passenger traffic grew by +7.6% YoY in February 2018, +3.0 percentage points higher from the growth in the previous month. The traffic rebound observed in this month was partly owing to the effect of later timing of the Chinese New Year compared to 2017. All regions posted acceleration in traffic growth, with the exception of Africa which experienced the slowest growth. Asia/Pacific was the fastest growing region and was the only region recording double-digit growth. Domestic traffic demand in India and China continued to be strong and grew double-digitally.

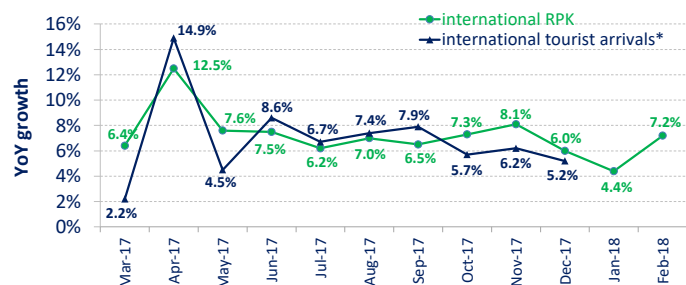


(Source: ICAO, IATA, OAG)

International Traffic vs. Tourist Arrivals

International passenger traffic grew by +7.2% YoY in February 2018, +2.8 percentage points higher from the growth in the previous month. All regions accelerated in growth with Latin America/Caribbean posting the fastest growth for the second consecutive month, followed by Asia/Pacific.

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 +6.8% YoY in February 2018, -1.2 percentage points lower than the growth in the previous month. Freight traffic growth remained solid, albeit at a moderated pace compared to last year. Three regions, Africa, Latin America/Caribbean and the Middle East, posted acceleration in growth. Africa continued to record the fastest growth, supported by the strengthening in trade between Africa and Asia/Pacific. Europe, however, experienced the most significant deceleration in growth, and became the slowest growing region.

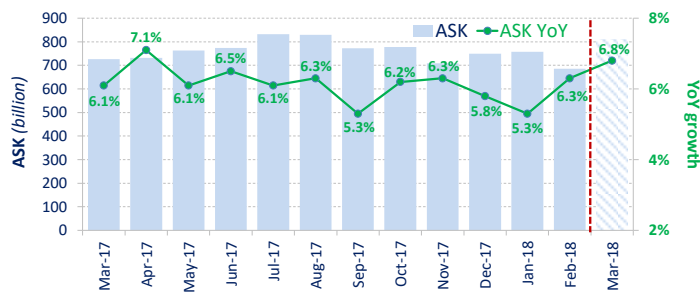
Freight traffic growth outpaced the freight capacity expansion. As a result, the freight load factor exceeded its YTD rate by over +0.5 percentage points.

CAPACITY

Available Seat-Kilometres - ASK

Capacity worldwide increased by +6.3% YoY in February 2018, +1.0 percentage points higher than the growth in the previous month (+5.3%).

In response to the passenger traffic demand, the expansion of capacity is expected to be at +6.8% in March 2018.

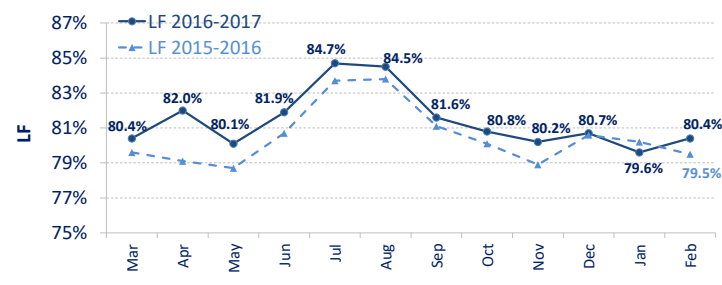


(Source: ICAO, IATA, OAG)

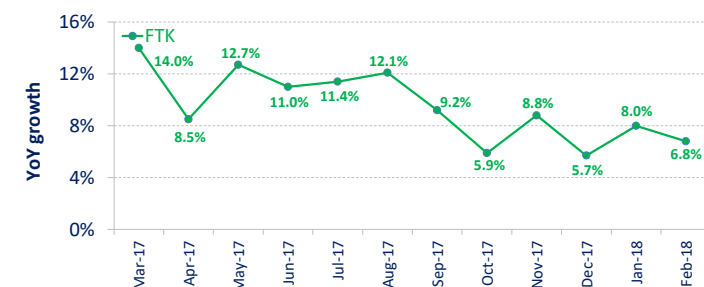
Load Factor - LF

The passenger Load Factor reached 80.4% in February 2018, +0.8 percentage points higher than the LF recorded in the previous month.

As traffic growth outpaced the capacity expansion, the February LF was +0.9 percentage points higher than the rate in the same period in 2017.



(Source: IATA)



(Source: IATA)

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.

» Continued from page 1

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

FEB 2018: +3.4%, +4.4%, and +4.1% YoY in terms of aircraft departures, passengers and freight for the Top 15

FEB 18

Airports (ranking by number of departures)	Departures	YoY	Airports (ranking by number of passengers)	Passengers*	YoY	Airports (ranking by tonnes of freight)	Freight**	YoY
Atlanta GA, US (ATL)	32,603	0.0%	Beijing, CN (PEK)	3,894,256	1.7%	Memphis TN, US (MEM)	341,575	3.1%
Chicago IL, US (ORD)	30,782	2.0%	Atlanta GA, US (ATL)	3,763,147	1.4%	Hong Kong, CN (HKG)	315,000	7.1%
Los Angeles CA, US (LAX)	26,034	0.6%	Dubai, AE (DXB)	3,464,274	-0.3%	Shanghai, CN (PVG)	232,979	2.1%
Dallas/Fort Worth TX, US (DFW)	24,195	-1.1%	Tokyo, JP (HND)	3,127,911	-1.1%	Incheon, KR (ICN)	197,789	-0.8%
Beijing, CN (PEK)	23,460	-0.7%	Los Angeles CA, US (LAX)	3,021,640	7.8%	Dubai, AE (DXB)	191,575	-0.6%
Charlotte NC, US (CLT)	21,112	2.6%	Shanghai, CN (PVG)	2,913,120	6.9%	Anchorage AK, US (ANC)	179,728	9.5%
Denver CO, US (DEN)	20,832	0.2%	Hong Kong, CN (HKG)	2,903,500	5.5%	Louisville KY, US (SDF)	178,195	9.1%
Newark NJ, US (EWR)	19,544	24.8%	Guangzhou, CN (CAN)	2,835,902	8.7%	Tokyo, JP (NRT)	169,009	4.7%
Shanghai, CN (PVG)	19,441	3.5%	New Delhi, IN (DEL)	2,771,487	15.1%	Miami FL, US (MIA)	168,583	2.1%
Guangzhou, CN (CAN)	18,979	5.2%	Incheon, KR (ICN)	2,745,138	6.1%	Doha, QA (DOH)	160,776	14.7%
New Delhi, IN (DEL)	18,454	11.1%	Bangkok, TH (BKK)	2,719,823	4.4%	Frankfurt, DE (FRA)	156,424	1.7%
Amsterdam, NL (AMS)	18,214	5.0%	London, GB (LHR)	2,697,041	2.4%	Los Angeles CA, US (LAX)	149,758	5.5%
London, GB (LHR)	17,638	0.6%	Chicago IL, US (ORD)	2,666,377	4.3%	Singapore, SG (SIN)	148,900	1.4%
Houston TX, US (IAH)	17,597	1.2%	Singapore, SG (SIN)	2,466,500	5.6%	Taipei, CN (TPE)	147,809	2.6%
Frankfurt, DE (FRA)	17,597	7.6%	Dallas/Fort Worth TX, US (DFW)	2,463,642	4.1%	Paris, FR (CDG)	147,000	1.1%

Note: Total scheduled and non-scheduled services

(Source: ACI)

In terms of **aircraft departures**, the Top 15 airports reported an increase of **+3.4%** YoY. Twelve out of the Top 15 airports posted increases in operations. The strongest growth was recorded by **Newark**, followed by **New Delhi**, and both grew double-digitally at **+24.8%** and **+11.1%**, respectively. **Atlanta** remained at **1st** albeit with the same traffic level as a year ago.

In terms of **passengers**, the Top 15 airports reported a growth of **+4.4%** YoY. **Beijing** retained the **1st** place with a growth of **+1.7%**. **Atlanta** started to improve with a moderate increase of **+1.4%**. **New Delhi** continued to grow double-digitally, and recorded the strongest growth within the Top 15 by **+15.1%**. Two airports, **Dubai** and **Tokyo**, posted slight declines.

In terms of **freight**, the Top 15 airports reported a growth of **+4.1%** YoY. **Memphis** ranked over Hong Kong in **1st** position. **Doha** continued to post double-digit growth, and recorded the strongest growth within the Top 15 by **+14.7%**. Two airports, **Incheon** and **Dubai**, posted declines, by **-0.8%** and **-0.6%**, respectively.

TOP 15 AIRLINE GROUPS (Ranked by RPK)

FEB 18

FEB 2018: +7.1% YoY in terms of RPK for the Top 15

In terms of RPK, the Top 15 airline groups accounted for **47.1%** of world total RPK in February 2018, and grew by **+7.1%** YoY. This growth was **-0.5** percentage points lower than the world average on scheduled services. All the Top 15 airline groups posted YoY increases.

American ranked **1st** and rose by **+4.4%**. **United** recorded the highest growth among the Top 3 airlines, and retained the **2nd** place. **Delta** grew by **+3.8%** and remained at **3rd**. **Southwest** ranked 1 position down to **11th** with a growth of **+3.5%**.

Emirates remained at **4th** with a moderate YoY growth of **+2.0%**. **Qatar Airways** continued to show improvement with traffic increasing by **+4.8%** YoY, and ranked **12th**.

AF-KLM ranked 1 position down to **6th**, after China Southern. With a double-digit growth of **+10.3%**, **Lufthansa** improved 1 position to **7th**. **IAG**, however, dropped 1 position to **8th** with a slower growth of **+5.8%**. **Turkish Airlines** posted a record breaking traffic level for the month of February with a strong growth of **+23.9%**.

Major airlines in Asia/Pacific posted strong growth, with the three Chinese airlines growing double-digitally. **China Southern** ranked over AF-KLM at **5th** with a growth of **+12.6%**. **China Eastern** recorded the strongest growth among the airlines in the region in the Top 15 by **+15.0%**, and improved 1 position to **9th**.

RPK (billion)	YoY	% Share of World Total	Cumulative % Share
American ¹	25.4	4.4%	4.6%
United	23.7	5.7%	8.9%
Delta	23.6	3.8%	13.2%
Emirates ¹	21.5	2.0%	17.1%
China Southern	20.6	12.6%	20.8%
AF-KLM	19.6	5.6%	24.4%
Lufthansa Group ²	17.5	10.3%	27.6%
IAG ³	17.4	5.8%	30.7%
Air China	17.3	10.7%	33.8%
China Eastern	16.3	15.0%	36.8%
Southwest	14.5	3.5%	39.4%
Qatar Airways	11.7	4.8%	41.6%
Ryanair ¹	10.3	4.9%	43.4%
Turkish Airlines	10.2	23.9%	45.3%
Singapore Airlines Group	10.0	4.2%	47.1%
Top 15 Total RPKs	260 billion	7.1%	47.1%
World Total RPKs	551 billion	7.6%	100.0%

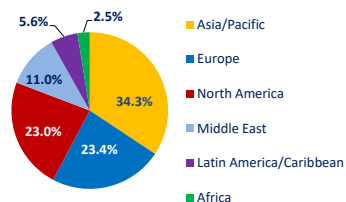
(Source: ICAO, airlines' websites)

Note: Total scheduled and non-scheduled services

CAPACITY BY REGION (ICAO Statistical Regions)

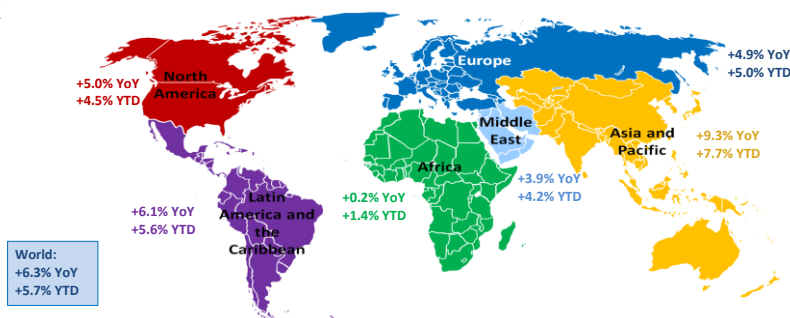
FEB 2018: +6.3% YoY in terms of World ASK

% Share of Capacity by Region



(Source: ICAO, IATA, OAG)

Note: Total scheduled services



All regions, posted an expansion in capacity in February 2018 with a **+6.3%** YoY increase in capacity worldwide. Three regions, **Asia/Pacific**, **Latin America/Caribbean**, and **North America**, accelerated in capacity growth. **Asia/Pacific** continued to record the fastest capacity expansion, and was the only region growing faster than the world average. **Africa** experienced the biggest slowdown in capacity growth.

* 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, 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.