



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

GLOBAL KEY FIGURES

MAR 2016
(versus MAR 2015)

RPK ▲ +5.3% **ASK** ▲ +5.9% **FTK** ▼ -2.8% **LF**: 79.6% ▼ -0.4 pts

OUTLOOK* - APR 2016
(versus APR 2015)

ASK ▲ +6% * Source OAG

PASSENGER TRAFFIC

Revenue Passenger-Kilometres - RPK

World passenger traffic grew by +5.3% YoY in March 2016, -3.3 percentage points lower than previous month. This YoY growth has been the lowest rate in the last 12 months. All regions, excepted for Middle East, posted slower growth compared to February 2016. Domestic market in India continued to show rapid expansion, and grew significantly by +27.4%. It is expected that the network expansion and low oil price will stimulate the traffic demand in the following month.



(Source: ICAO, IATA, OAG)

CAPACITY

Available Seat-Kilometres - ASK

Capacity worldwide increased by +5.9% YoY in March 2016, -3.7 percentage points lower than the high capacity growth in previous month (+9.6%).

In response to the passenger traffic demand, the expansion of capacity is expected to continually grow at a similar rate of +6.0% in April 2016.



(Source: ICAO, IATA, OAG)

International Traffic vs. Tourist Arrivals

International passenger traffic grew by 6.2% YoY in March 2016, -2.9 percentage points lower than the spike in previous month. Both Africa and Middle East recorded a double-digit growth, while North America posted the weakest growth among all regions by a marginal +0.7%.

International tourist arrivals* followed a similar monthly trend.



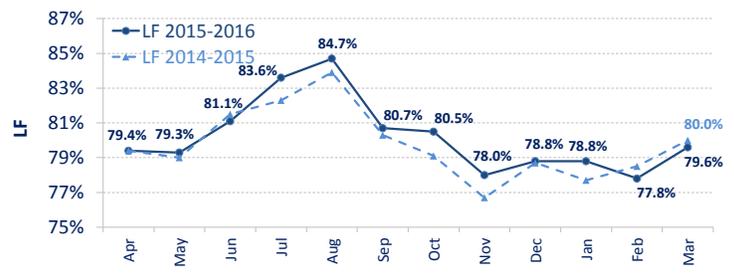
(Source: IATA, UNWTO)

*UNWTO Definition

Load Factor - LF

The passenger Load Factor reached 79.6% in March 2016, +1.8 percentage points higher than the LF recorded in previous month.

For the second consecutive month, capacity expansion outpaced traffic growth, and exceeded by +0.6 percentage points. As a result, LF declined by -0.4 percentage points compared to the same period in 2015.



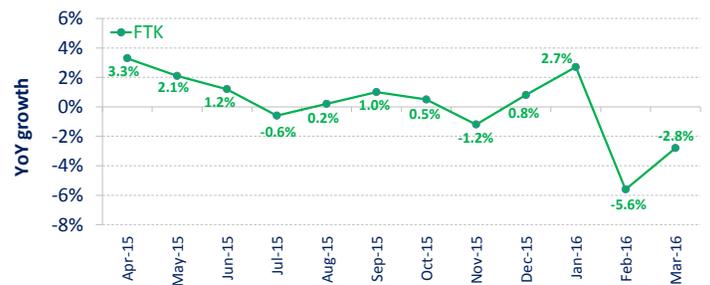
(Source: IATA)

FREIGHT TRAFFIC

Freight Tonne-Kilometres - FTK

World freight traffic declined by -2.8% YoY in March 2016, +2.8 percentage points higher than the distorted decline in previous month. Four out of six regions posted a YoY decline. The Middle East and Europe were the only two regions that recorded a YoY growth, albeit marginally. While freight traffic contracted, the freight capacity offered increased by +6.9%. As a result, the overall air cargo capacity utilisation continued to be poor, and the load factor remained low at 43.5%.

Freight traffic growth remained subdued, and with the current fragile global economy outlook, the overall momentum in the cargo markets remains flat.



(Source: IATA)



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

MAR 2016: +1.1%, +3.3%, and +1.5% YoY in terms of aircraft departures, passengers and freight for the Top 15

MAR 16

Airports (ranking by number of departures)	Departures	YoY
Atlanta GA, US (ATL)	38,708	↑ 1.7%
Chicago IL, US (ORD)	36,477	↓ -1.4%
Dallas/Fort Worth TX, US (DFW)	29,020	↑ 1.4%
Los Angeles CA, US (LAX)	28,163	↑ 3.5%
Beijing, CN (PEK)	25,543	↑ 1.0%
Denver CO, US (DEN)	23,262	↓ -0.9%
Charlotte NC, US (CLT)	23,185	↓ -1.5%
Houston TX, US (IAH)	20,486	↓ -5.6%
Phoenix AZ, US (PHX)	20,448	↑ 0.6%
Shanghai, CN (PVG)	19,857	↑ 7.8%
London, GB (LHR)	19,670	↓ -0.9%
Istanbul, TR (IST)	19,365	↑ 3.8%
Amsterdam, NL (AMS)	19,219	↑ 7.5%
Paris, FR (CDG)	19,064	↓ -0.1%
Miami FL, US (MIA)	18,772	↑ 2.8%

Airports (ranking by number of passengers)	Passengers*	YoY
Atlanta GA, US (ATL)	4,336,306	↑ 0.6%
Beijing, CN (PEK)	3,862,157	↑ 0.3%
Dubai, AE (DXB)	3,618,753	↑ 7.4%
Tokyo, JP (HND)	3,360,973	↑ 1.1%
Los Angeles CA, US (LAX)	3,238,137	↑ 5.8%
Chicago IL, US (ORD)	3,178,469	↑ 0.4%
London, GB (LHR)	3,051,603	↑ 2.5%
Hong Kong, CN (HKG)	2,995,000	↑ 4.7%
Dallas/Fort Worth TX, US (DFW)	2,705,572	↑ 2.2%
Shanghai, CN (PVG)	2,673,636	↑ 6.7%
Paris, FR (CDG)	2,567,638	↑ 0.8%
Bangkok, TH (BKK)	2,557,910	↑ 6.4%
Guangzhou, CN (CAN)	2,467,005	↓ -1.0%
Singapore, SG (SIN)	2,451,500	↑ 8.1%
Istanbul, TR (IST)	2,439,441	↑ 7.0%

Airports (ranking by tonnes of freight)	Freight**	YoY
Memphis TN, US (MEM)	398,204	↑ 11.98%
Hong Kong, CN (HKG)	368,000	↑ 1.1%
Shanghai, CN (PVG)	282,730	↑ 5.8%
Anchorage AK, US (ANC)	238,502	↓ -3.8%
Incheon, KR (ICN)	220,776	↓ -4.0%
Dubai, AE (DXB)	217,202	↑ 0.2%
Louisville KY, US (SDF)	194,029	↑ 11.4%
Tokyo, JP (NRT)	182,440	↓ -10.3%
Frankfurt, DE (FRA)	175,591	↓ -2.0%
Taipei, CN (TPE)	175,104	↓ -3.5%
Singapore, SG (SIN)	171,200	↑ 5.2%
Paris, FR (CDG)	169,022	↑ 3.6%
Beijing, CN (PEK)	163,877	↑ 6.0%
Los Angeles CA, US (LAX)	163,640	↓ -3.9%
Miami FL, US (MIA)	157,721	↓ -1.3%

Note: Total scheduled and non-scheduled services

In terms of **aircraft departures**, the Top 15 airports reported a growth of **+1.1%** YoY. **Atlanta** ranked **1st** with a growth of **+1.7%**. **Shanghai** posted the highest growth of **+7.8%** within the Top 15, followed by **Amsterdam** (**+7.5%**), in corresponding with the traffic growth. Several US airports posted a decline, due to airlines' adjustment of hub operations.

In terms of **passengers**, the Top 15 airports reported a growth of **+3.3%** YoY. **Guangzhou** was the only airport in the Top 15 posting a decline. Traffic in the airport was disrupted by the rainstorms in the month, and contracted by **-1.0%**. **Atlanta** remained **1st** with a marginal increase of **+0.6%**. **Singapore** recorded the highest growth by **+8.1%**.

In terms of **freight**, the Top 15 airports reported a growth of **+1.5%** YoY. Air freight market remained fragile, with 7 airports out of the Top 15 posting a decline. Performance of individual airports has been a mix. While some major freight hubs recorded strong growth, e.g. Memphis and Louisville, several others like Incheon and Tokyo experienced declines.

(Source: ACI)

TOP 15 AIRLINE GROUPS (Ranked by RPK)

MAR 2016: +4.4% YoY in terms of RPK for the Top 15

In terms of **RPK**, the Top 15 airline groups accounted for **48.9%** of world total RPK in March 2016, and grew by **+4.4%** YoY. This growth was -0.9 percentage points lower than the world average on scheduled services. All the Top 15 airline groups, except for United, posted a YoY growth.

American remained **1st** in RPK with a growth of **+3.3%** YoY. **Delta** and **United** remained at **2nd** and **3rd** with a growth of **+0.1%** and a decline of **-1.5%**, respectively.

Emirates, the only carrier from the Middle East region in the Top 15, grew by **+6.9%**, and remained at the **4th** place.

For the European airlines, **AF-KLM** remained its position at **5th**, with a growth of **+2.5%**. Both **IAG** and **Lufthansa** improved 1 position to **6th** and **8th**, respectively. For the second consecutive month, IAG posted the highest growth within the Top 15 by **+13.9%**. **Turkish Airlines** ranked at **13th**, and recorded the second highest growth by **+13.7%**.

Six out of the Top 15 airline groups were in Asia/Pacific. **China Southern** and **Air China** fell 3 and 2 positions to **9th** and **10th**, respectively, and posted relatively slower growths compared to previous months. Both **China Eastern** and **Cathay Pacific** improved 1 position to **11th** and **12th**, respectively.

MAR 16



(Source: ICAO, airlines' websites)

Note: Total scheduled and non-scheduled services

CAPACITY BY REGION (ICAO Statistical Regions)

MAR 2016

All regions posted an expansion in capacity in March 2016 with a **+5.9%** YoY increase in capacity worldwide, -1.0 percentage points lower to the YTD 2016 growth.

Asia/Pacific accounted for the biggest share of the world capacity offered, and recorded a growth of **+6.7%**, higher than the world total growth. **Middle East** continued to post the fastest capacity expansion among all regions, and increased by **+13.4%**. Traffic in **Europe** started to recover slightly, and carriers in the region increased capacity by **+4.6%**. The slowest capacity expansion was in **Latin America/Caribbean** (**+2.8%**), followed by **North America** (**+3.5%**). In response to the strong traffic growth, carriers in **Africa** continued to expand capacity by **+8.2%**, the second highest rate among all regions.

	MAR 16			YTD (JAN-MAR 2016)		
	ASK	%	YoY	ASK (billion)	%	YoY
Asia/Pacific	215	31%	↑ 6.7%	636	32%	↑ 8.0%
North America	169	25%	↑ 3.5%	479	24%	↑ 5.0%
Europe	170	25%	↑ 4.6%	477	24%	↑ 4.6%
Middle East	74	11%	↑ 13.4%	216	11%	↑ 14.2%
Latin America	37	5%	↑ 2.8%	114	6%	↑ 4.8%
Africa	19	3%	↑ 8.2%	55	3%	↑ 9.0%
World	684	100%	↑ 5.9%	1,976	100%	↑ 6.9%

(Source: ICAO, IATA, OAG)

Note: Total scheduled services

¹ Embarked Passengers ** Loaded and Unloaded Freight in Tonnes 1. IAG: British Airways, Iberia, and Vueling 2. Lufthansa Group: Lufthansa Airlines, Germanwings, SWISS, Austrian Airlines, Brussels Airlines, Sun Express, and Lufthansa Cargo 3. Cathay Pacific Group: Cathay Pacific and Dragonair