ICAO

ECONOMIC DEVELOPMENT

OCT 2015: Air Transport Monthly Monitor

World Results and Analyses for AUG 2015. Total scheduled services (domestic and international).

Air Transport Bureau
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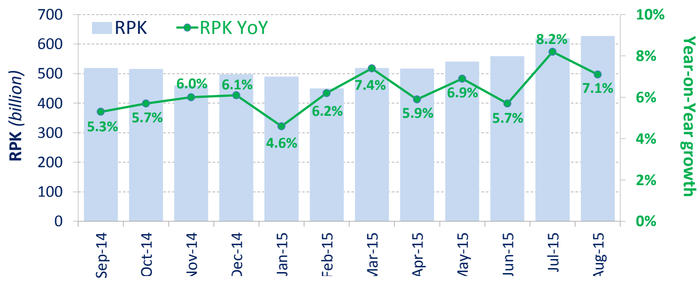
http://www.icao.int/sustainability/Pages/Air-Traffic-Monitor.aspx

GLOBAL KEY FIGURES	AUG 2015 (versus AUG 2014)	OUTLOOK* - SEP 2015 (versus SEP 2014)
	RPK ▲ +7.1% ASK ▲ +5.9% FTK ▲ +0.2% LF: 84.7% ▲ +0.8 pts	ASK ▲ +6.9% * Source OAG

PASSENGER TRAFFIC

Revenue Passenger-Kilometres - RPK

World passenger traffic grew by +7.1% in August 2015 YoY. Overall passenger traffic growth remains strong. However all regions posted lower growth compared to the previous month, reflecting the current economic condition. The growth in traffic on a YoY basis would have been lower had it not been bolstered by significant increases in domestic traffic in India (+18.3%), China (+13.6%) and Russia (+10.9%), and the air carriers stimulating incremental demand taking advantage of the continuing low prices of oil. Jet fuel price in August 2015 was around 50% lower than one year ago.

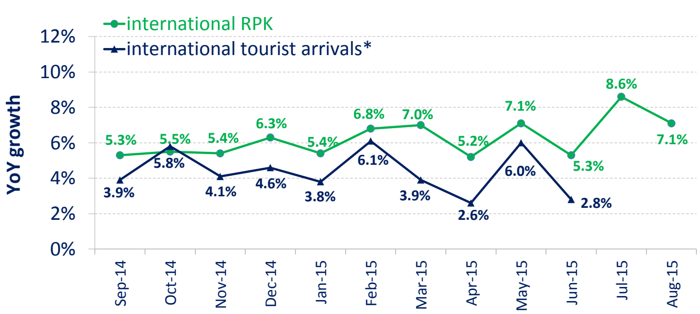


(Source: ICAO, IATA, OAG)

International Traffic vs. Tourist Arrivals

International passenger traffic increased by 7.1% in August 2015 compared to the same period last year**,** -1.5 percentage points lower than the strong growth registered in July 2015 (+8.6%).

International tourist arrivals* are expected to follow a similar monthly trend.



*UNWTO Definition

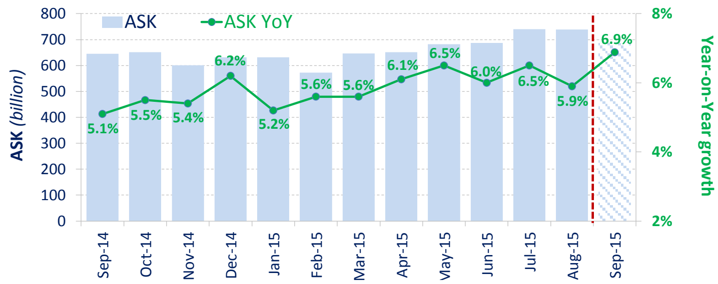
(Source: IATA, UNWTO)

CAPACITY

Available Seat-Kilometres - ASK

Capacity worldwide increased by +5.9% in August 2015 YoY, -0.6 percentage points lower than the July 2015 capacity growth (+6.5%).

The expansion of capacity is expected to accelerate in September 2015, in response to the passenger traffic demand.

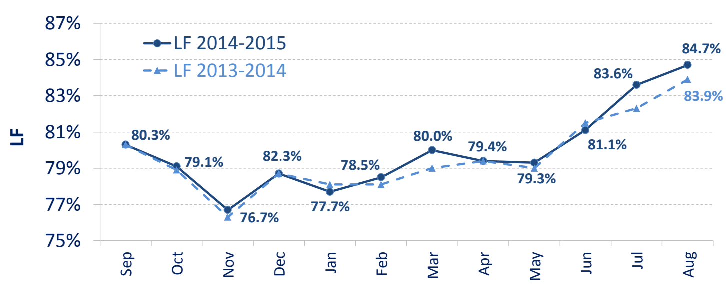


(Source: ICAO, IATA, OAG)

Load Factor - LF

The passenger Load Factor reached 84.7% in August 2015, +0.8 percentage points higher than the 83.9% recorded in July 2014.

The LF of August 2015 was +4.2 percentage points higher than the YTD 2015 average LF.



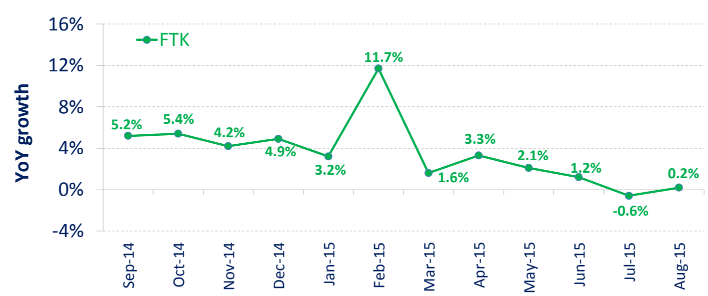
(Source: IATA)

FREIGHT TRAFFIC

Freight Tonne-Kilometres - FTK

World freight traffic increased slightly by +0.2% in August 2015 compared to the same period a year ago. The downward trend of freight traffic growth has paused in August, and carriers in most regions have shown slight improvement. Freight capacity expansion outpaced the traffic growth and increased by +5.8%, resulting in a weaker freight load factor (40.9%).

Air freight growth has been consistent with the world trade development, which has been weak in the recent months with declines in exports of Asia/Pacific. There is no significant sign that world trade will improve in the next few months in 2015.



(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.

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

AUG 2015: +1.1%, +6.2%, and -1.3% YoY in terms of aircraft departures, passengers and freight for the Top 15

AUG 15

Airports (ranking by number of departures)	Departures	YoY
Chicago IL, US (ORD)	39,448	-2.1%
Atlanta GA, US (ATL)	39,122	4.0%
Dallas/Fort Worth TX, US (DFW)	30,100	1.9%
Los Angeles CA, US (LAX)	29,847	5.3%
Beijing, CN (PEK)	25,775	2.0%
Denver CO, US (DEN)	23,998	-5.7%
Charlotte NC, US (CLT)	23,374	-1.0%
Paris, FR (CDG)	22,103	0.4%
Amsterdam, NL (AMS)	21,780	2.4%
Istanbul, TR (IST)	21,583	8.0%
Houston TX, US (IAH)	21,462	-2.1%
Frankfurt, DE (FRA)	21,394	0.2%
London, GB (LHR)	20,961	1.3%
Toronto ON, CA (YYZ)	20,800	3.5%
New York NY, US (JFK)	20,502	0.1%

Airports (ranking by number of passengers)	Passengers*	YoY
Atlanta GA, US (ATL)	4,526,976	5.7%
Beijing, CN (PEK)	4,072,481	4.2%
London, GB (LHR)	3,667,857	4.0%
Dubai, AE (DXB)	3,641,128	9.5%
Chicago IL, US (ORD)	3,632,092	9.7%
Tokyo, JP (HND)	3,601,116	-0.1%
Los Angeles CA, US (LAX)	3,554,568	5.8%
Paris, FR (CDG)	3,344,602	2.7%
Frankfurt, DE (FRA)	3,154,317	3.2%
Hong Kong, HK (HKG)	3,142,500	8.9%
Istanbul, TR (IST)	3,110,763	11.6%
Amsterdam, NL (AMS)	2,970,300	5.7%
Shanghai, CN (PVG)	2,923,338	20.9%
Dallas/Fort Worth TX, US (DFW)	2,919,750	0.9%
New York NY, US (JFK)	2,884,267	5.3%

Airports (ranking by tonnes of freight)	Freight**	YoY
Hong Kong, CN (HKG)	361,000	-1.4%
Memphis TN, US (MEM)	350,640	-1.4%
Shanghai, CN (PVG)	264,510	-0.6%
Anchorage AK, US (ANC)	210,213	-2.2%
Dubai, AE (DXB)	207,427	5.3%
Incheon, KR (ICN)	202,277	0.0%
Louisville KY, US (SDF)	179,204	-0.8%
Tokyo, JP (NRT)	169,511	-3.0%
Frankfurt, DE (FRA)	162,904	-4.7%
Taipei, CN (TPE)	162,838	-7.0%
Miami FL, US (MIA)	159,155	-0.6%
Beijing, CN (PEK)	154,938	-0.6%
Singapore, SG (SIN)	151,600	-2.9%
Los Angeles CA, US (LAX)	150,938	1.9%
Paris, FR (CDG)	146,000	-2.9%

__Note__: Total scheduled and non-scheduled services

(Source: ACI)

In terms of **aircraft departures,** the Top 15 airports reported a growth of **+1.1%** YoY. **Chicago** ranked **first** despite a decrease of **-2.1%**, followed by **Atlanta (+4.0%)**. Chicago hosts many regional airlines, while carriers in Atlanta have been adding aircraft with higher passenger capacity. As a result, Atlanta outstripped Chicago in terms of passengers handled.

In terms of **passengers**, the Top 15 airports reported a growth of **+6.2%** YoY. All Top 15 airports posted an increase, except for **Tokyo (-0.1%)**. **Dubai** ranked **4th** with an increase of **+9.5%**. Two major carriers, Emirates and Qantas, operate international scheduled services from Dubai using an all-wide-body fleet. **Shanghai** recorded the **highest** growth of **+20.9%.**

In terms of **freight**, the Top 15 airports reported a decline of **-1.3%** YoY, due to weak trade activities. **Hong Kong** ranked **first** despite a decline of **-1.4%**, followed by **Memphis (-1.4%).** In line with the growth of freight carried by Middle Eastern carriers, **Dubai** recorded the highest increase of **+5.3%**. While **Taipei** posted the largest decrease of **-7.0%**.

TOP 15 AIRLINE GROUPS (Ranked by RPK)

AUG 2015: +7.4% YoY in terms of RPK for the Top 15

In terms of RPK, the Top 15 airline groups accounted for 48.0% of world total in August 2015, and grew by +7.4% YoY. This growth was slightly higher than the world average on scheduled services (+7.1%). All the Top 15 airline groups posted a growth in August 2015.

American improved 1 place from August 2014, and ranked **1st** with an increase of **+5.0%** in RPK YoY. **Delta** came **2nd** with a slightly lower growth, and **United** has been stable at **3rd** place.

For the European airlines, **Lufthansa Group** ranked over **AF-KLM** at **4th** with a higher growth of **+4.5%**. With a slight difference of 0.1 billion RPKs, **IAG** ranked after Emriates at **6th**. **Turkish Airlines** continued to expand strongly and recorded 2nd highest YoY growth within the Top 15 by **+15.4%**. The airline remained at **12th** as in August last year.

Three airline groups in China posted double-digit YoY growth. Compared to last year, **China Southern**, **Air China** and **China Eastern** remained at the same place of **8th**, **10th**, and **11th**.

Emirates continued to post solid growth by **+11.8%**, and ranked **6th** same as last year.

AUG 15

	RPK *(billion)*	YoY	% Share of World Total	Cumulative % Share
American	33.8	5.0%	5.4%	5.4%
Delta	33.5	3.9%	5.3%	10.7%
United	31.9	1.5%	5.1%	15.8%
Lufthansa Group[1]	23.3	4.5%	3.7%	19.5%
AF-KLM	23.1	2.2%	3.7%	23.2%
Emirates[2]	21.9	11.8%	3.5%	26.7%
IAG[3]	21.8	8.6%	3.5%	30.2%
China Southern	18.3	13.9%	2.9%	33.1%
Southwest	16.6	7.5%	2.7%	35.8%
Air China	16.4	14.4%	2.6%	38.4%
China Eastern	14.6	20.4%	2.3%	40.7%
Turkish Airlines	12.1	15.4%	1.9%	42.6%
Air Canada	11.8	10.1%	1.9%	44.5%
Cathay Pacific Group[4]	11.1	7.9%	1.8%	46.3%
Singapore Airlines Group	10.7	2.6%	1.7%	48.0%
Top 15 Total RPKs	*301 billion*	*7.4%*	***48.0%***	
World Total RPKs	*627 billion*	7.1%	**100.0%**	

(Source: ICAO, airlines' websites)

__Note__: Total scheduled and non-scheduled services

CAPACITY BY REGION *(ICAO Statistical Regions)*

AUG 2015

All regions posted positive growth in capacity in August 2015 YoY with a **+5.9% increase in capacity worldwide**, similar to the YTD 2015 growth.

Middle East recorded the highest capacity increase among all regions, contributed to by the continual expansion of major carriers in the region. **Asia/Pacific** increased by **+6.2%**, and the domestic markets in India and China have posted strong growth. With economic recovery in **Europe** and **North America**, carriers in the two regions slightly accelerated the capacity increase compared to last month. **Latin America/Caribbean** grew at **+5.6%**, in line with the traffic demand of the region. **Africa**, which accounted for only 3% of the world capacity, posted the weakest growth, reflecting the economic condition of the region.

	AUG 15			YTD		
	ASK	%	YoY	ASK *(billion)*	%	YoY
Europe	215	29%	4.7%	1,452	27%	4.2%
Asia/Pacific	212	29%	6.2%	1,605	30%	7.0%
North America	179	24%	4.8%	1,315	25%	4.0%
Middle East	72	10%	12.9%	536	10%	15.2%
Latin America/Caribbean	38	5%	5.6%	293	5%	5.9%
Africa	22	3%	2.5%	147	3%	-0.8%
World	**738**	**100%**	**5.9%**	**5,348**	**100%**	**6.0%**

(Source: ICAO, IATA, OAG)

***Note**: Total scheduled services*

* Embarked Passengers ** Loaded and Unloaded Freight inTonnes 1. Lufthansa Group: Lufthansa Airlines, Germanwings, SWISS, Austrian Airlines, Brussels Airlines, Sun Express, and Lufthansa Cargo 2. ICAO estimates 3. IAG: British Airways, Iberia, and Vueling 4. Cathay Pacific Group: Cathay Pacific and Dragonair

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