

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

GLOBAL KEY FIGURES

FEB 2022

(versus FEB 2019)

RPK ▼ -45.5% ASK ▼ -37.0% FTK ▲ 8.1% LF: 69.8% ▼ -10.8%

OUTLOOK* - MAR 2022

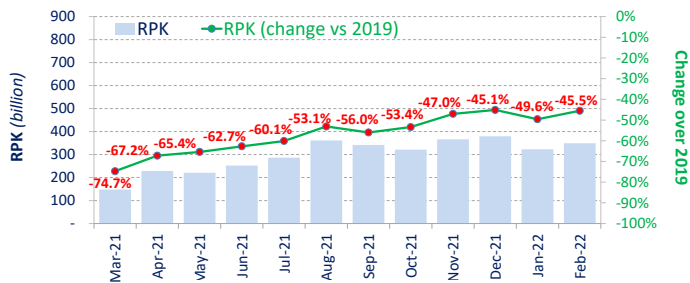
(versus MAR 2019)

ASK ▼ -35.2% * Source OAG

PASSENGER TRAFFIC

Revenue Passenger-Kilometres - RPK

World passenger traffic fell by -45.5% in February 2022 (compared to 2019), +4.1 percentage points up from the decline in the previous month. Passenger traffic rebounded swiftly after trending sideways in January amid the proliferation of the Omicron variant. While the improvement in international air travel was broad-based, the performance of domestic travel was disparate across main markets. With signs of easing restrictions against Omicron, the positive recovery trend is likely to sustain in the following month.



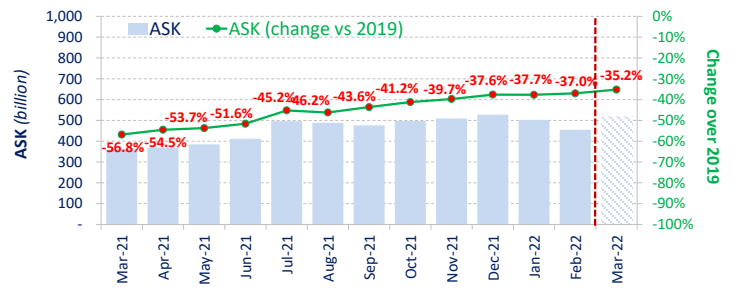
(Source: ICAO, IATA, OAG)

CAPACITY

Available Seat-Kilometres - ASK

Capacity worldwide fell by -37.0% in February 2022 (compared to 2019), +0.7 percentage point down from the decline in the previous month (-37.7%).

As Omicron related restrictions are being relaxed, the March capacity is expected to improve to -35.2% down from the 2019 level.

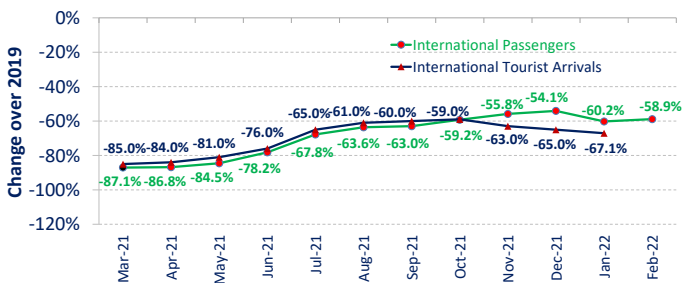


(Source: ICAO, IATA, OAG)

International Passengers vs. Tourist Arrivals

International passenger numbers fell by -58.9% in February 2022 (compared to 2019), +1.3 percentage points up from the decline in the previous month. All major regions, particularly Europe, demonstrated improvements.

The recovery in international tourist arrivals is expected to follow a similar trend as international air travel.



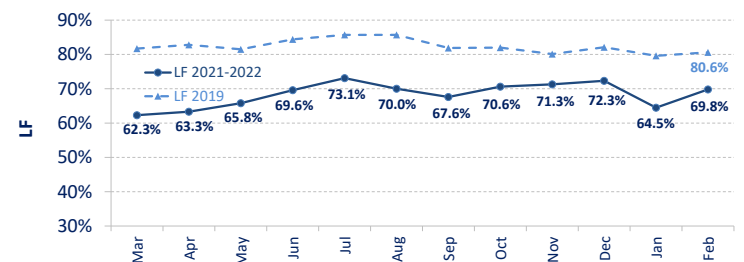
*UNWTO Definition

(Source: ICAO, UNWTO)

Load Factor - LF

The passenger Load Factor reached 69.8% in February 2022, +5.3 percentage points higher than the previous month.

Despite the improvement, the February LF remained -10.8 percentage points below the 2019 level.

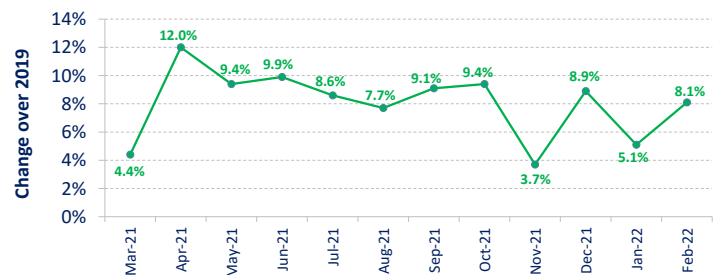


(Source: IATA)

FREIGHT TRAFFIC

Freight Tonne-Kilometres - FTK

World freight traffic reported a growth of +8.1% in February 2022 (compared to 2019), +3.0 percentage points up from the growth in the previous month. Air cargo continued to grow, owing to the reduced disruptions from Omicron variant and the rebound in activity exports post Chinese New Year. Nevertheless, the current economic situation and the conflict in Ukraine points to challenges to future air cargo growth. Performance of the regions was a mix. Africa and North America were leading the growth chart with double-digit growth, while the increases for Asia/Pacific, Europe and the Middle East were moderate. Latin America/Caribbean remained the only region posting declines compared to 2019.



(Source: IATA)

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

FEB 2022: -9.3%, -21.5%, and +17.3% (vs. 2019) in terms of aircraft departures, passengers and freight for the Top 15

FEB 22

Airports (ranking by number of departures)	Departures	vs. 2019	Airports (ranking by number of passengers)	Passengers*	vs. 2019	Airports (ranking by tonnes of freight)	Freight**	vs. 2019
Atlanta GA, US (ATL)	28,446	↓ -13.4%	Atlanta GA, US (ATL)	3,104,548	↓ -18.7%	Memphis TN, US (MEM)	309,122	↓ -9.0%
Chicago IL, US (ORD)	25,238	↓ -21.1%	Denver CO, US (DEN)	2,296,980	↑ 0.1%	Hong Kong SAR, CN (HKG)	270,000	↑ 0.2%
Denver CO, US (DEN)	21,820	↑ 0.4%	Dallas/Fort Worth TX, US (DFW)	2,141,675	↓ -16.6%	Shanghai, CN (PVG)	261,984	↑ 35.9%
Dallas/Fort Worth TX, US (DFW)	21,641	↓ -14.7%	Dubai, AE (DXB)	2,112,213	↓ -38.3%	Anchorage AK, US (ANC)	245,512	↑ 54.9%
Los Angeles CA, US (LAX)	20,444	↓ -19.8%	Los Angeles CA, US (LAX)	2,040,453	↓ -32.6%	Incheon, KR (ICN)	234,248	↑ 32.8%
Las Vegas NV, US (LAS)	20,248	↑ 25.7%	Chicago IL, US (ORD)	1,981,343	↓ -26.9%	Louisville KY, US (SDF)	206,558	↑ 17.9%
Charlotte NC, US (CLT)	19,342	↓ -10.4%	Miami FL, US (MIA)	1,921,120	↑ 2.9%	Miami FL, US (MIA)	195,288	↑ 21.1%
Miami FL, US (MIA)	18,945	↑ 7.2%	New Delhi, IN (DEL)	1,894,276	↓ -29.5%	Tokyo, JP (NRT)	195,134	↑ 37.6%
Phoenix AZ, US (PHX)	16,464	↓ -3.5%	Orlando FL, US (MCO)	1,819,234	↓ -7.4%	Taipei, CN (TPE)	190,195	↑ 52.3%
New York NY, US (JFK)	15,399	↓ -7.0%	Istanbul, TR (IST)	1,774,216	↓ -24.8%	Los Angeles CA, US (LAX)	188,504	↑ 38.8%
Guangzhou, CN (CAN)	15,256	↓ -19.6%	Las Vegas NV, US (LAS)	1,672,542	↓ -8.2%	Doha, QA (DOH)	179,754	↑ 16.6%
Houston TX, US (IAH)	15,063	↓ -16.0%	Phoenix AZ, US (PHX)	1,643,737	↓ -7.4%	Dubai, AE (DXB)	161,292	↓ -17.5%
Shanghai, CN (PVG)	14,500	↓ -27.4%	Guangzhou, CN (CAN)	1,627,751	↓ -44.7%	Chicago IL, US (ORD)	159,176	↑ 37.8%
Long Beach CA, US (LGB)	14,446	↑ 23.6%	Charlotte NC, US (CLT)	1,574,259	↓ -12.8%	Frankfurt, DE (FRA)	158,297	↑ 4.1%
Seattle WA, US (SEA)	13,826	↓ -7.9%	New York NY, US (JFK)	1,543,022	↓ -25.5%	Paris, FR (CDG)	142,058	↓ -4.2%

Note: Total scheduled and non-scheduled services

(Source: ACI)

In terms of **aircraft departures**, the Top 15 airports reported a combined fall of **-9.3%**, compared to 2019. All but two of the Top 15 airports were US airports. **Atlanta** remained **1st** with a decline of **-13.4%**. Four airports posted increases, i.e. **Denver**, **Las Vegas**, **Miami** and **Long Beach**. The two Chinese airports posted relatively large falls compared to the other Top 15.

In terms of **passengers**, the Top 15 airports posted a total fall of **-21.5%**, compared to 2019. US airports continued to dominate the list, with 11 in the Top 15. **Atlanta** remained **1st** with a decline of **-18.7%**. **Guangzhou** record the largest fall of **-44.7%**, followed by **Dubai** at **-38.3%**. On the positive side, two airports, i.e. **Denver** and **Miami**, posted growth over 2019.

In terms of **freight**, the Top 15 airports reported an increase of **+17.3%**, compared to 2019. Majority of the Top 15 airports grew double-digitally, with **Anchorage** recording the strongest growth with a robust **+54.9%**. Despite the decline of **-9.0%**, **Memphis** overtook **Hong Kong** became **1st**. For the six consecutive month, **Dubai** posted the largest fall.

TOP 15 AIRLINE GROUPS (Ranked by RPK)

FEB 2022: -37.5% (vs. 2019) in terms of RPK for the Top 15

FEB 22

In terms of RPK, the Top 15 airline groups accounted for **45.2%** of the world's total RPK in February 2022 and declined by **-37.5%** compared to 2019. This decline was 7.6 percentage points smaller than the fall in world's average RPK.

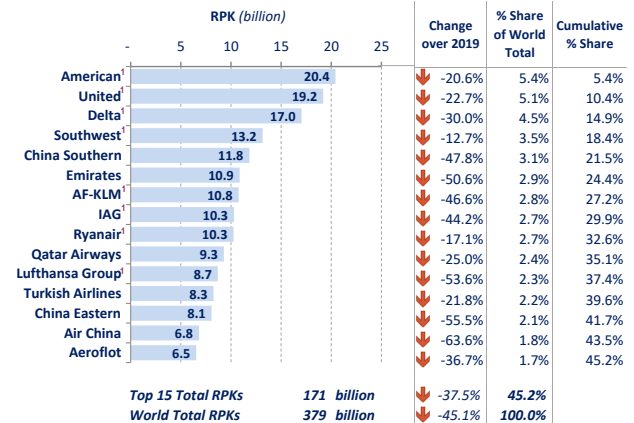
February rankings fluctuated, particularly amongst the European airlines.

The U.S. airlines retained the Top 4 positions, with **American** at **1st**, followed by **United**, **Delta** and **Southwest**. All of the four airlines also posted smaller declines compared to December 2021.

The Chinese domestic traffic improved slightly due to the timing of the Chinese New Year. As a result, **Air China** re-appeared in the Top 15 at **14th**. **China Southern** and **China Eastern** improved respectively 1 and 2 positions to **5th** and **13th**.

Rankings of the European airlines fluctuated notably, impacted by a combination of easing travel restrictions and the conflict in Ukraine. While **AF-KLM** and **Lufthansa** dropped 2 and 3 positions, **IAG** climbed 5 positions.

Performance of airlines in the Middle East was consistent, with **Emirates** and **Qatar** maintaining similar positions as the previous month.



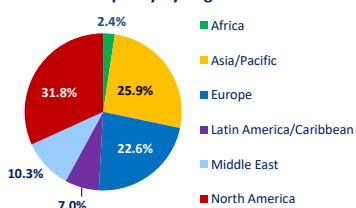
(Source: ICAO, airlines' websites)

Note: Total scheduled and non-scheduled services

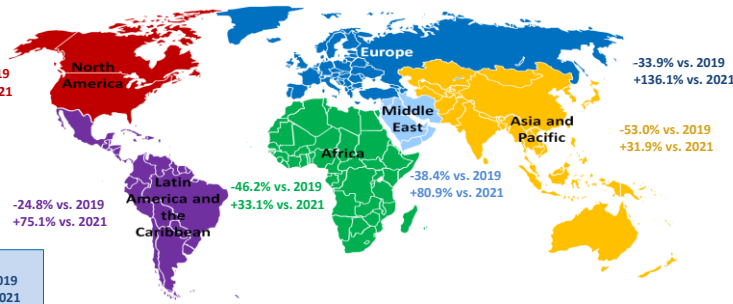
CAPACITY BY REGION (ICAO Statistical Regions)

FEB 2022: -37.0% (vs. 2019) in terms of World ASK

% Share of Capacity by Region



-13.8% vs. 2019
+69.1% vs. 2021



Worldwide capacity contracted by **-37.0%** in February 2022, compared to 2019. Following a marginal impact from the Omicron disruption in January, passenger capacity rebounded.

North America demonstrated the most resilience with capacity close to the level saw pre-crisis. Asia/Pacific continued to be the slowest recovering region.

(Source: ICAO, IATA, OAG)

Note: Total scheduled services

* Embarked Passengers ** Loaded and Unloaded Freight in Tonnes 1. ICAO estimates

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.