ICAO Monthly Monitor - January 2024

Data source: ICAO and ADS-B Flightaware. For more information, contact us at ada@icao.int

Type	ASK	RPK	Departure_Total	Departure_All Cargo	FTK	Active fleet_PAX	Active fleet_All Cargo
Dec 2023 vs. Dec 2019	▼ -1.6%	▲ 1.4%	▼ -8.6%	▼ -15.4%	▲ 0.1%	▼ -7.0%	▼ -7.4%
Jan - Dec 2023 vs. Jan - Dec 2019	▼ -6.2%	▼ -6.9%	▼ -9.4%	▼ -8.9%	▼ -3.1%	▼ -7.6%	▼ -1.8%

Passenger Traffic
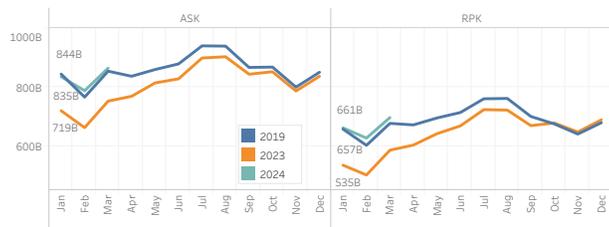
Cargo Traffic
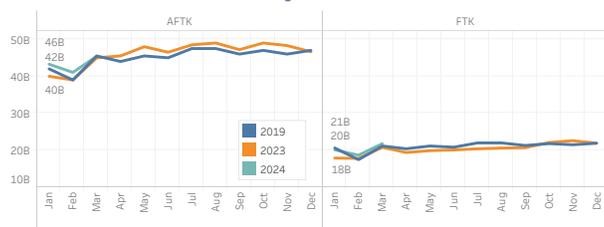
Change rate (% MoM)

Indicator ..	Year ..	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
AFTK	2019		-7.1%	16.7%	-3.3%	3.4%	-1.1%	5.6%	0.0%	-3.2%	2.2%	-2.1%	2.2%
	2023		-2.5%	15.4%	1.1%	5.5%	-3.1%	4.3%	1.0%	-3.7%	3.8%	-1.4%	-3.5%
	2024	-7.2%	-5.1%	10.6%									
ASK	2019		-9.3%	11.5%	-2.0%	2.7%	2.2%	7.0%	-0.1%	-7.7%	0.1%	-7.8%	6.3%
	2023		-7.9%	13.6%	2.2%	5.9%	1.7%	8.5%	0.5%	-6.6%	1.0%	-7.7%	6.3%
	2024	-0.2%	-5.7%	9.7%									
FTK	2019		-15.3%	21.1%	-3.5%	3.6%	-1.5%	5.6%	0.0%	-3.2%	2.4%	-1.4%	1.9%
	2023		-0.6%	16.9%	-6.7%	2.6%	1.0%	1.5%	1.0%	0.5%	6.8%	2.3%	-3.0%
	2024	-8.3%	-7.1%	16.7%									
RPK	2019		-8.4%	12.4%	-0.8%	3.5%	2.7%	6.5%	0.1%	-8.0%	-3.6%	-5.1%	6.0%
	2023		-6.2%	16.8%	3.0%	6.4%	4.2%	8.3%	-0.2%	-7.3%	1.3%	-4.5%	6.4%
	2024	-3.9%	-5.2%	11.1%									

Top 15 Route Groups by RPK
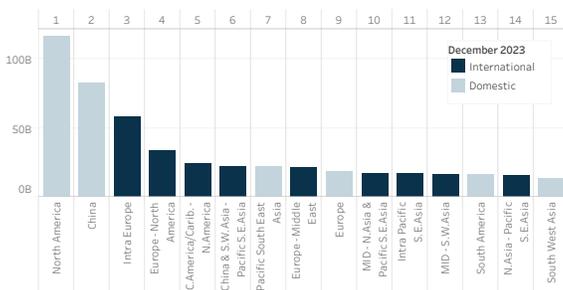
Total RPK by Region of Departure
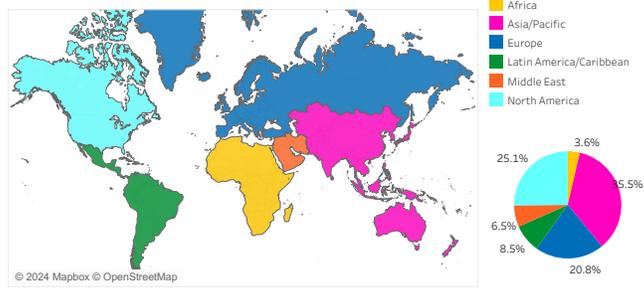
Top 10 Countries by Departure (Total)
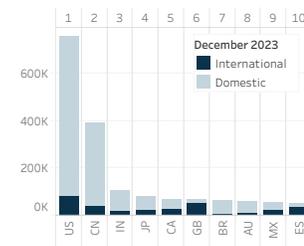
Top 10 Countries by Departure (INT)
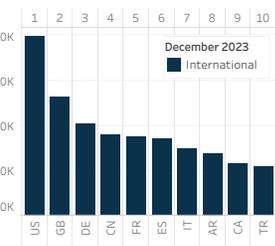
Top 10 Airports by Departure (Total)
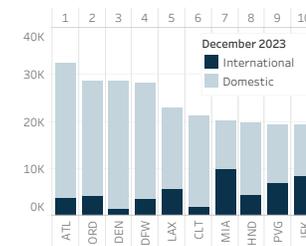
Top 10 Airports by Departure (INT)
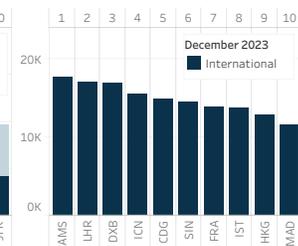
Top 15 Airlines by Departure (INT)
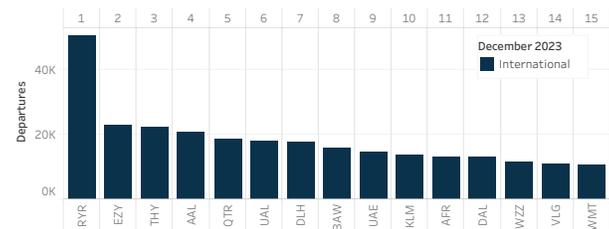
Top 15 Countries by FIR Movement
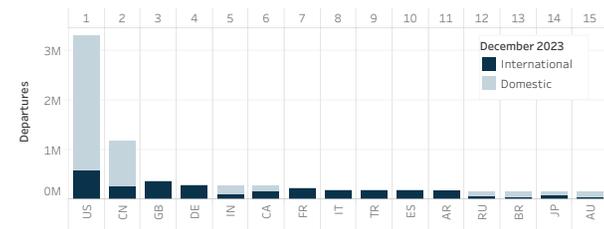
Others

- RPK and FTK data are estimated using AI and machine learning algorithm for November 2023 to April 2024.
- Actual RPK and FTK data will replace the estimate after a lag of 2 months.
- Route groups are defined by the ICAO Aviation Data and Analysis Panel (ADAP) and used for the ICAO Long-Term Traffic Forecasts (40 international and 10 domestic route groups).
- For further information and customization needs, contact the Aviation Data and Analysis section at ada@icao.int

(*) Used codes:
  - Country code: ISO 3166-1 alpha-2
  - Airline code: ICAO airline code, ICAO Doc 8585
  - Airport code: IATA airport code, IATA Resolution 763

(**) Used acronyms:
  - ASK: Available Seat Kilometres
  - RPK: Revenue Passenger Kilometres
  - AFTK: Available Freighter Tonne Kilometres
  - FTK: Freighter Tonne Kilometres
  - INT: International
  - FIR: Flight Information Region

Regional analysis of traffic trends

Africa
- ASK (total services) saw a +8.5% increase, while RPK (total services) increased by +15.1% in December 2023, compared to pre-COVID-19 level seen in December 2019.
- ASK (international services) saw a +9.9% increase, while RPK (international services) increased by +9.9% in December 2023, compared to pre-COVID-19 level seen in December 2019.

Asia/Pacific
- ASK (total services) saw a -7.9% decline, while RPK (total services) decreased by -3.0% in December 2023, compared to pre-COVID-19 level seen in December 2019.
- ASK (international services) saw a -15.1% decline, while RPK (international services) decreased by -16.5% in December 2023, compared to pre-COVID-19 level seen in December 2019.

Europe
- ASK (total services) saw a +0.1% increase, while RPK (total services) decreased by -0.1% in December 2023, compared to pre-COVID-19 level seen in December 2019.
- ASK (international services) saw a +0.1% increase, while RPK (international services) decreased by -0.3% in December 2023, compared to pre-COVID-19 level seen in December 2019.

Latin America/Caribbean
- ASK (total services) saw a +6.2% increase, while RPK (total services) increased by +10.5% in December 2023, compared to pre-COVID-19 level seen in December 2019.
- ASK (international services) saw a +6.6% increase, while RPK (international services) increased by +5.6% in December 2023, compared to pre-COVID-19 level seen in December 2019.

Middle East
- ASK (total services) saw a -0.2% decline, while RPK (total services) increased by +2.7% in December 2023, compared to pre-COVID-19 level seen in December 2019.
- ASK (international services) saw a +0.1% increase, while RPK (international services) increased by +1.1% in December 2023, compared to pre-COVID-19 level seen in December 2019.

North America
- ASK (total services) saw a +1.8% increase, while RPK (total services) increased by +4.4% in December 2023, compared to pre-COVID-19 level seen in December 2019.

- ASK (international services) saw a +1.7% increase, while RPK (international services) decreased by -4.4% in December 2023, compared to pre-COVID-19 level seen in December 2019.

Global summary of recovery to pre-pandemic level

- Route groups that have reached or are fast reaching the pre-COVID level (December 2023 vs December 2019) expressed in RPK (total services) are 1:Africa (DOM), 2:Europe - North Africa, 3:Intra North Asia, 4:Middle East (DOM), 5:Central America/Caribbean - North America, 6:Central America/Caribbean (DOM), 7:Europe - South West Asia, 8:China (DOM), 9:Africa - North America, 10:Intra Middle East, 11:South America (DOM), 12:Middle East - South West Asia, 13:South West Asia (DOM), 14:Intra North America, 15:North America - South West Asia, 16:Central America/Caribbean - South America, 17:North America (DOM), 18:Intra Central America/Caribbean, 19:Intra Africa, 20:Intra South America, 21:Middle East - North America, 22:North America - Pacific South East Asia, 23:Africa - Middle East, 24:Intra Europe, 25:Pacific South East Asia (DOM), 26:Europe (DOM), 27:North Asia (DOM).

- On the contrary, the route groups that are still lagging behind the pre-COVID traffic level expreessed in RPK (total services) are: 1:Africa & Middle East - Central America/Caribbean, 2:China - North America, 3:Latin America/Caribbean - North Asia & Pacific South East Asia, 4:Europe - North Asia, 5:China & South West Asia - North Asia.

- Top 5 route groups that have reached or are fast reaching the pre-COVID level expressed in RPK (International services) are 1:Europe - North Africa, 2:Intra North Asia, 3:Central America/Caribbean - North America, 4:Europe - South West Asia, Africa - North America.

- On the contrary, top 5 route groups that are still lagging behind the pre-COVID traffic level expressed in RPK (international services) are 1:Africa & Middle East - Central America/Caribbean, 2:China - North America, 3:Latin America/Caribbean - North Asia & Pacific South East Asia, 4:Europe - North Asia, 5:China & South West Asia - North Asia.