

CANSO ATM TRAFFIC ANALYSIS REPORT

APRIL 2023

Strong growth in Asia help fuel global numbers

- There were 3.99 million flights operated globally in April 2023. This represents a 23 per cent increase on the number of flights in April 2022 and is 29 percent higher than the 3.09 million flights in April 2019.
- April 2023 saw 7.33 million flight hours operated globally. This is an 18.5 per cent increase on the number of flight hours in April 2022 and is 12.5 percent higher than the 6.51 million flight hours operated in April 2019.

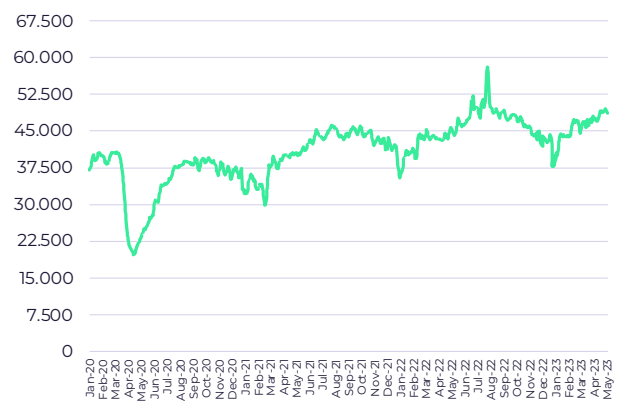
All signs looking up for 2023

Air traffic growth remains strong in April. Traffic is already running well ahead of this time last year, with April's daily flight peak nearing that of the busiest days in July and August 2022.

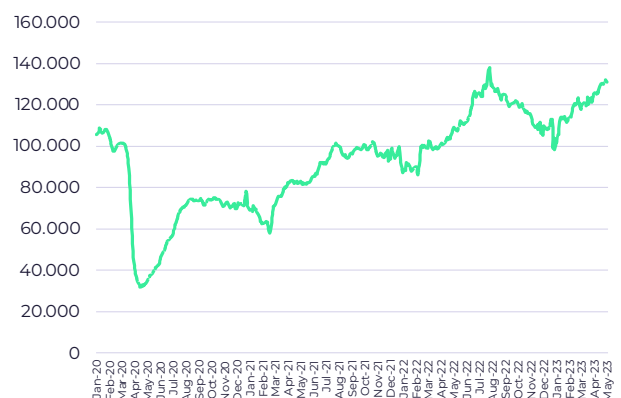
With the busiest months still to come, the hope is that this year will avoid capacity problems that plagued the same period in 2022 when the industry was still wrestling with staffing challenges.

The main difference between this year and last is of course the return of the Chinese international market, which is showing strong growth since COVID-19 travel restrictions were lifted earlier in 2023.

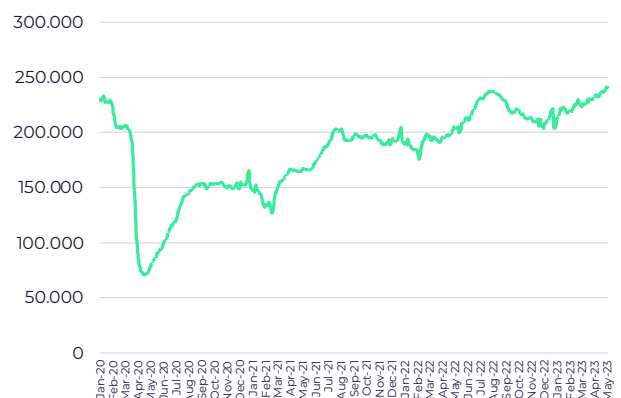
AVERAGE UNIQUE AIRCRAFT



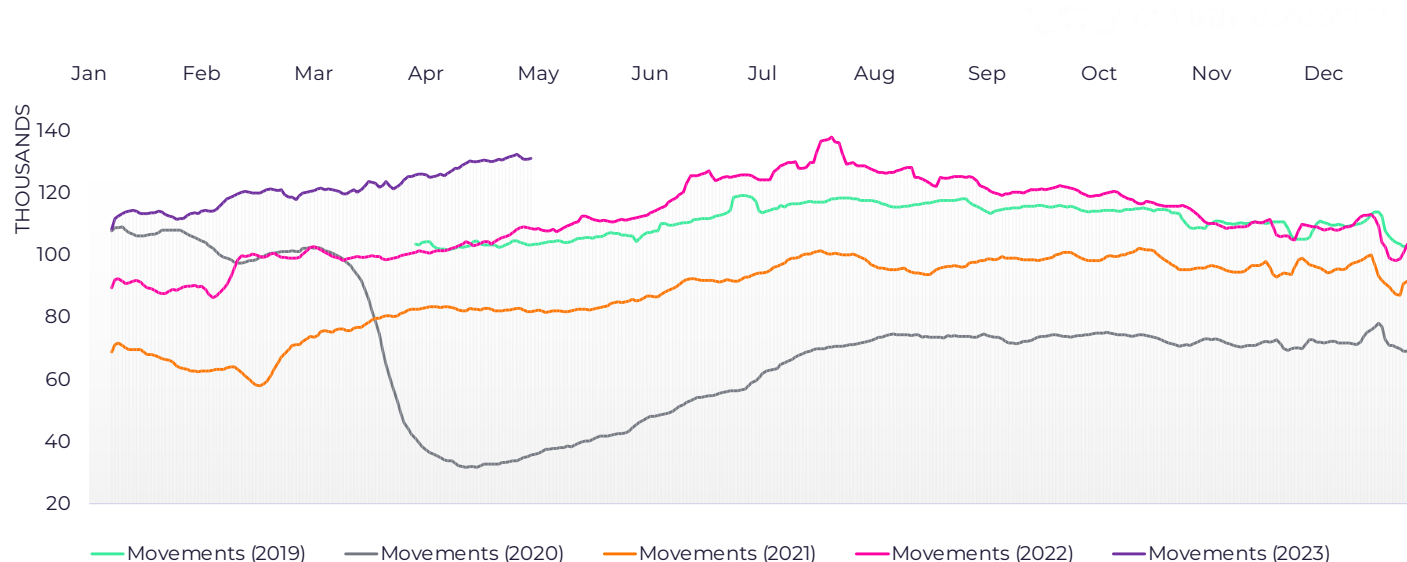
AVERAGE GLOBAL FLIGHTS



AVERAGE GLOBAL FLIGHT HOURS

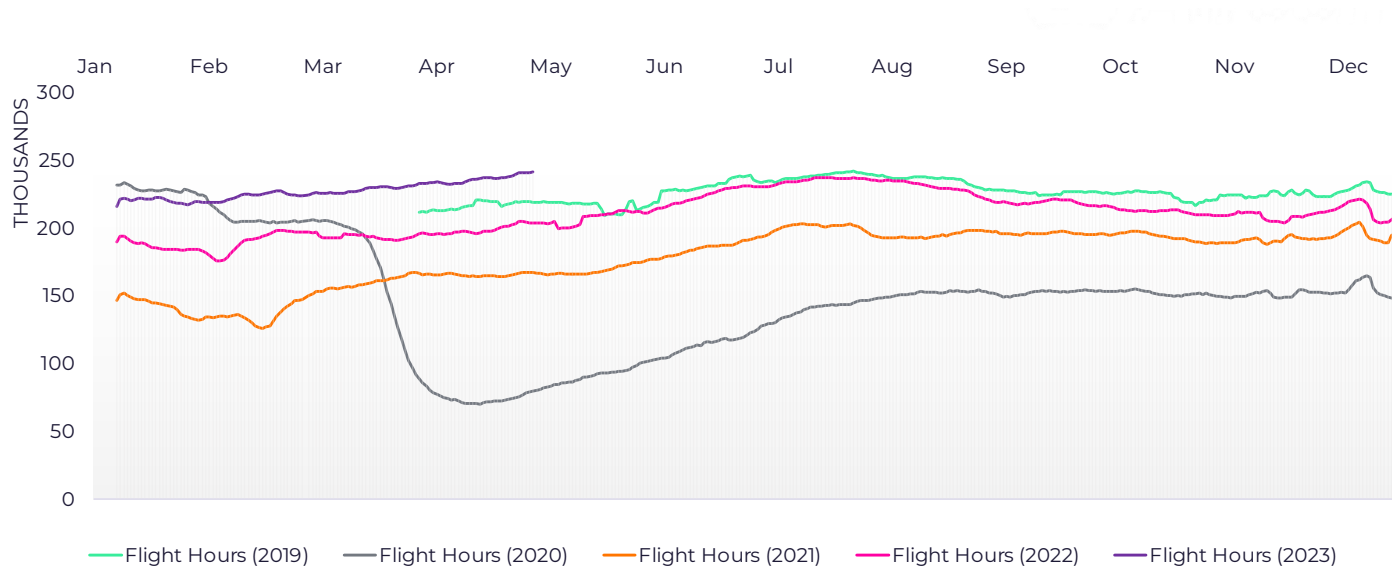


Global daily flights variation



The rolling 7-day average of global daily flight volumes was consistently up in April, ranging between 125,500 and 131,500 flights daily, well ahead of pre-pandemic levels.

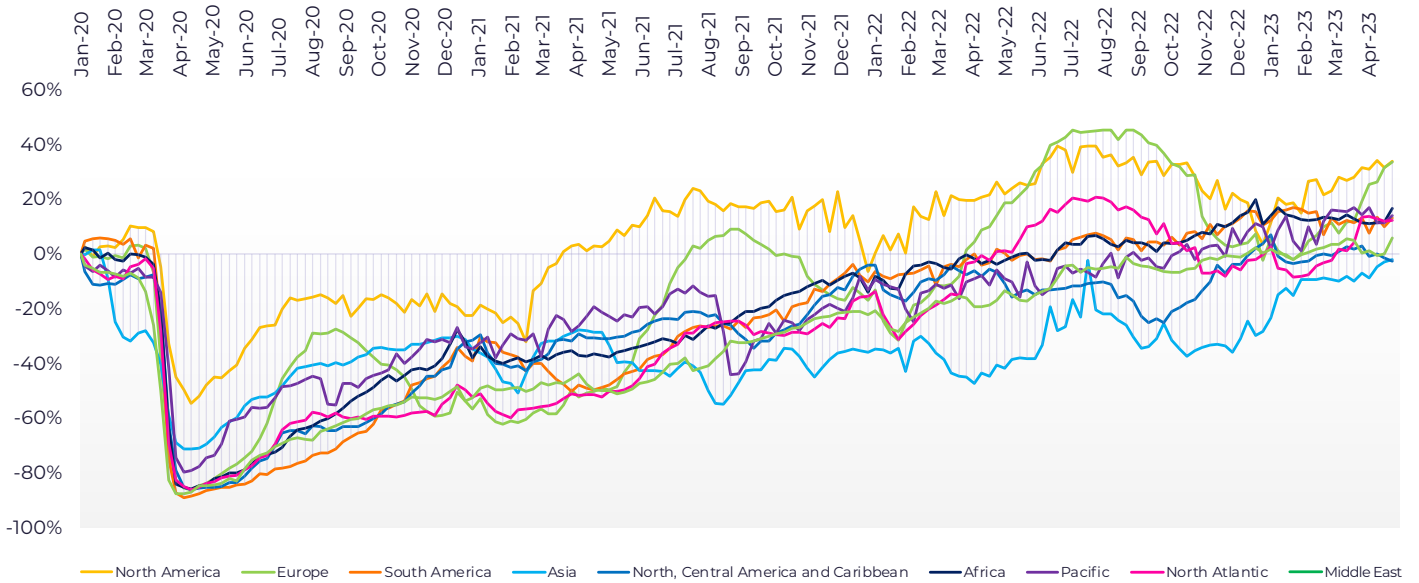
Daily Flight Hours



Global flight hours are an important metric of ATM workload. A new post pandemic high was set on April 28 when 251,000 flight hours were operated globally, beating the previous high from July 2022.

Daily flight hours in April 2023 ranged between 231,000 on April 12 and 251,000 on April 28, 2023.

Percent change in movements by region



Strong month over month growth in April in the large aviation markets of North America, Europe and Asia drove global numbers upwards. Asia is today posting 11,000 more flights and 20,600 more flight hours daily than 5 months ago. Southern Hemisphere markets largely held their March strength.

Tracking the recovery: Flights and flight hours by region

	Dates	Average daily flight hours	Percent change	Average daily movements	Percent change
Middle East	1-Jan-2020 23-Apr-2023	7,400 10,200	+38%	6,100 6,500	+6%
North America	1-Jan-2020 23-Apr-2023	67,400 77,000	+15%	38,000 51,000	+34%
Europe	1-Jan-2020 23-Apr-2023	44,700 47,500	+6%	24,900 33,300	+33%
South America	1-Jan-2020 23-Apr-2023	10,700 11,000	+3%	5,800 6,600	+14%
Asia	1-Jan-2020 23-Apr-2023	74,900 74,400	-1%	35,000 34,400	-2%
Caribbean	1-Jan-2020 23-Apr-2023	9,100 8,700	-5%	6,400 6,200	-3%
Africa	1-Jan-2020 23-Apr-2023	4,200 4,800	+14%	1,800 2,200	+22%
North Atlantic	1-Jan-2020 23-Apr-2023	6,800 7,300	+7%	2,300 2,500	+9%

ABOUT THE ATM REPORT

The ATM Report is issued monthly by CANSO as an analysis of metrics directly relevant to the ATM industry. The report uses high fidelity global space-based ADS-B air traffic data provided via a partnership with Aireon. The data includes surveillance of all 1090Mhz ADS-B Equipped aircraft. Whilesome non-ADS-B equipped aircraft may not be included, the data is appropriate for the monitoring of global trends in traffic levels.



ABOUT CANSO

The Civil Air Navigation Services Organisation (CANSO) is the global voice of air traffic management. CANSO Members support almost 90 percent of world air traffic and represent leading providers of technology and services to the industry. Members share information and develop new policies, with the ultimate aim of improving air navigation services.

For more, visit canso.org.



ABOUT AIREON

Aireon is harnessing next-generation aviation surveillance technologies that were formerly ground-based and, for the first time ever, is extending their reach globally through the use of satellite technology to significantly improve efficiency, enhance safety, reduce emissions and provide cost savings benefits to all stakeholders.

For more information, please visit aireon.com.

