

# CANSO ATM TRAFFIC ANALYSIS REPORT

AUGUST 2022

## August air traffic remains higher than 2019

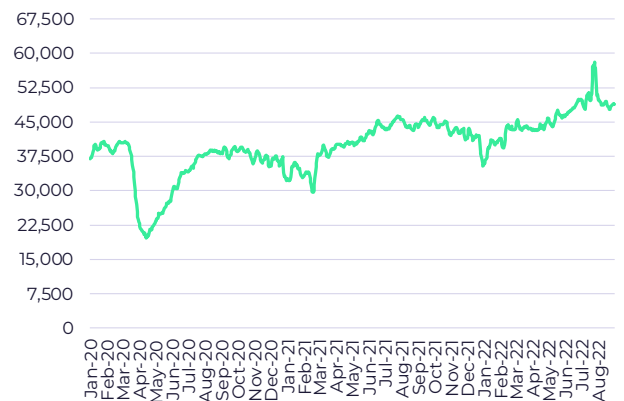
- There were 3.76 million flights operated globally in August 2022. This represents a 31.3 per cent increase on the number of flights in August 2021 and a 7.1 per cent increase on the 3.51 million flights operated in August 2019.
- August 2022 saw 6.97 million flight hours operated globally. This is a 19.6 per cent increase on the number of flight hours in August 2021 and is 2.2 per cent lower than the 7.13 million flight hours flown in August 2019.

## Some softening of daily traffic volumes

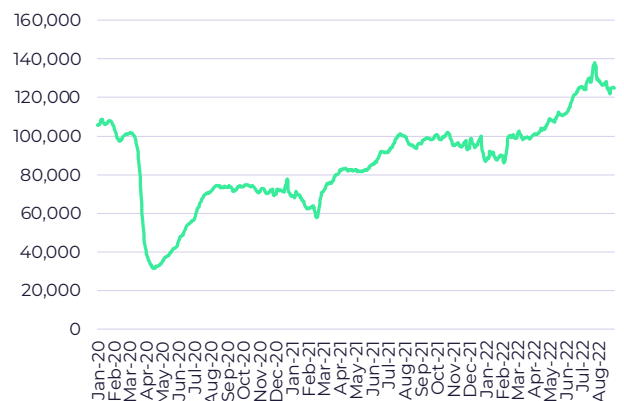
Daily flights and daily flight hours trended slightly lower in August than in July 2022. Daily average flight volumes fell from 125,700 flights and 227,400 flight hours in July 2022, to 121,400 flights and 224,800 flight hours in August.

However with significant recovery still to come in key markets like Asia, global air traffic as measured in number of flights has exceeded 2019 volumes for the past four months and now sits at over 7 per cent higher than 2019 volumes.

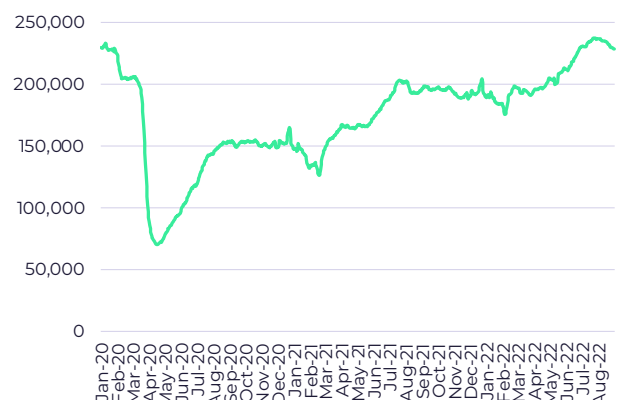
AVERAGE UNIQUE AIRCRAFT



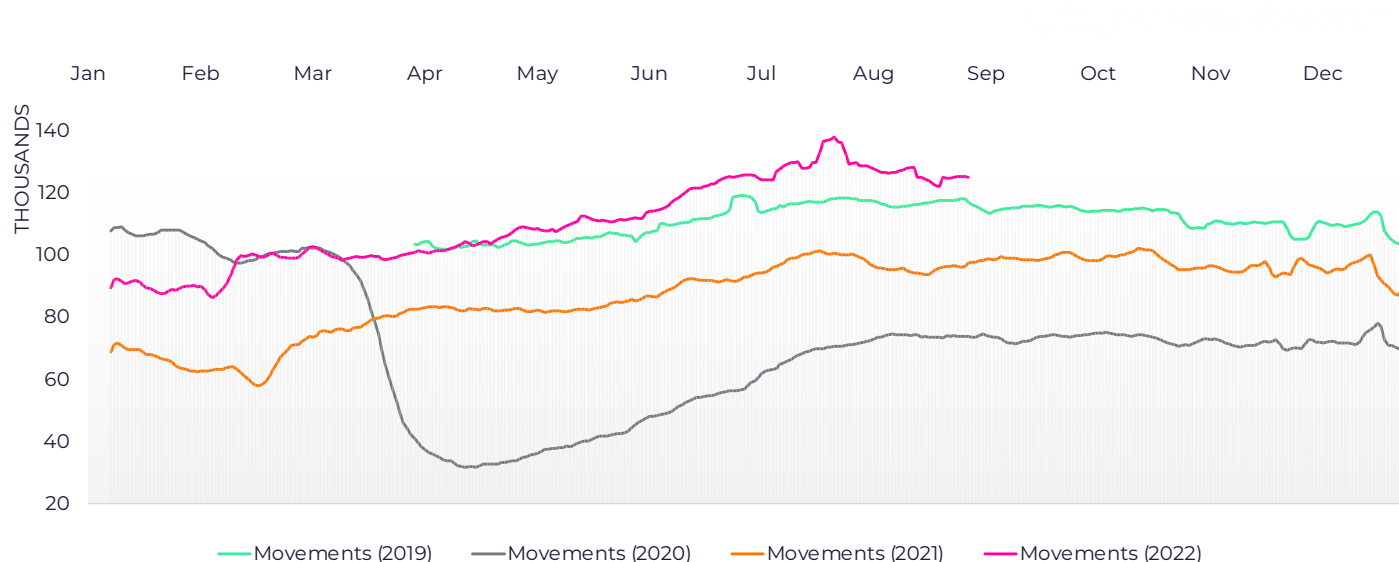
AVERAGE GLOBAL FLIGHTS



AVERAGE GLOBAL FLIGHT HOURS

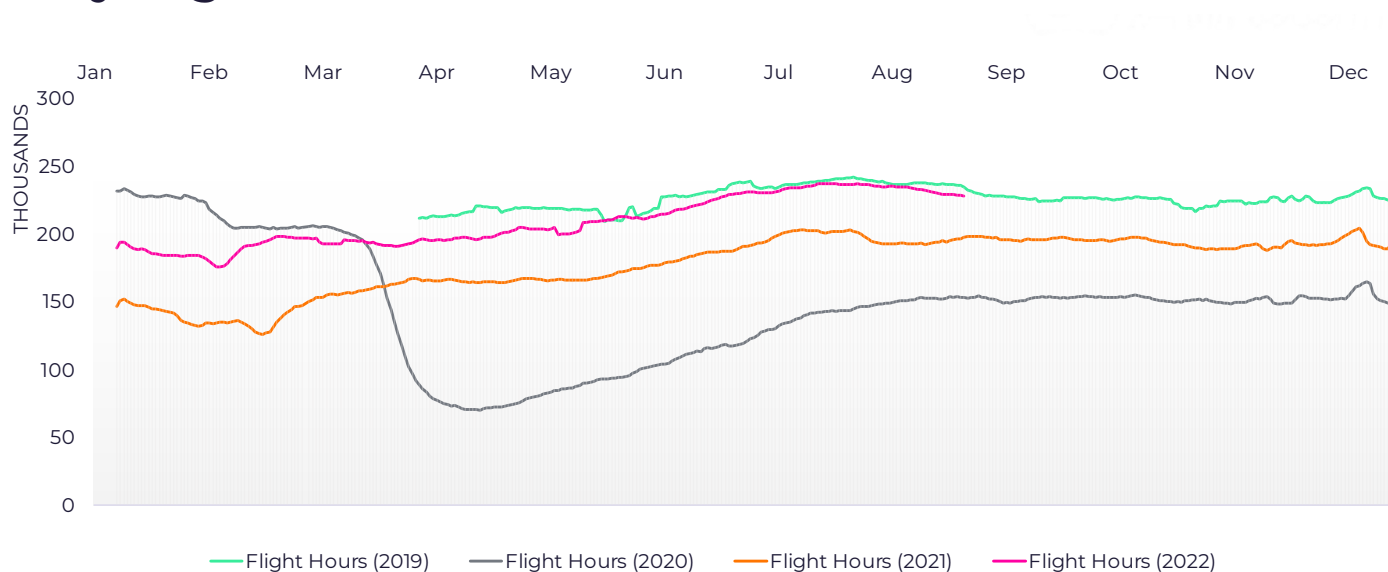


# Global daily flights variation



The rolling 7-day average of global daily flight volumes softened slightly in August, ranging between 128,600 and 122,000 flights. 24 July 2022 represents the air traffic high point with the 7-day average reaching 137,000 flights.

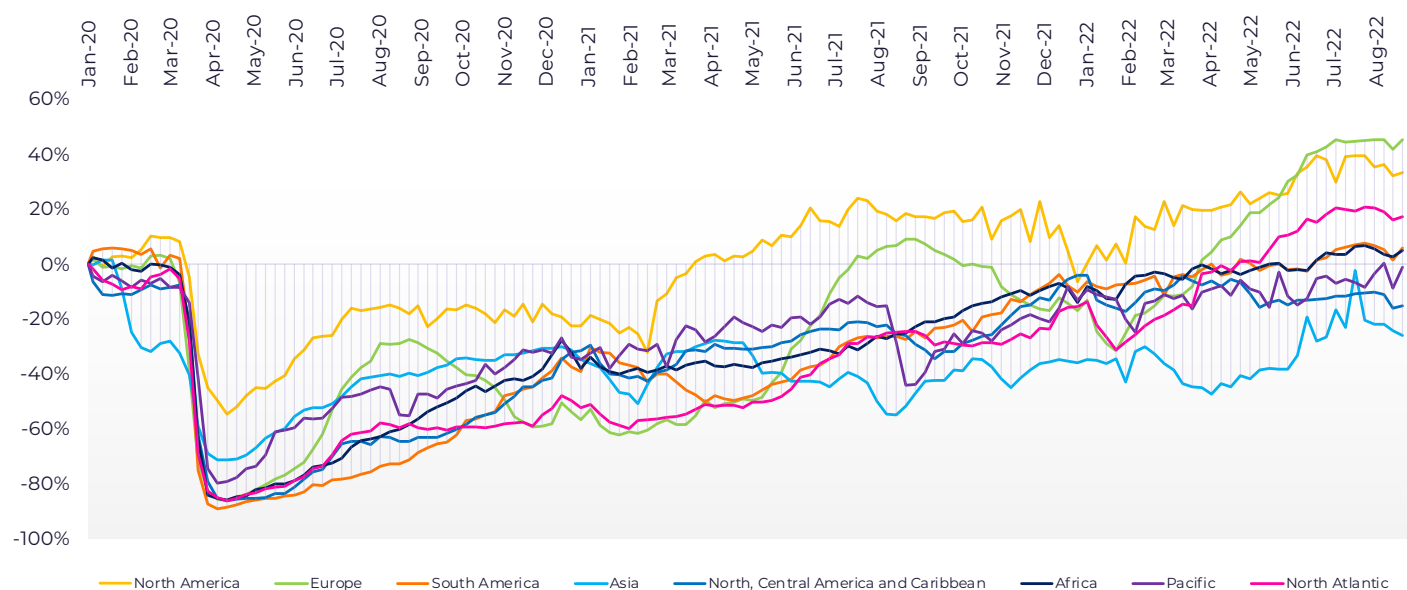
## Daily Flight Hours



Global flight hours are an important metric of ATM workload. The post pandemic high remains 29 July, 2022 when 244,000 flight hours were operated globally.

Daily flight hours in August 2022 ranged between 227,000 and 238,000 hours per day.

## Percent change in movements by region



Slightly lower traffic volumes in the large aviation markets of North America and Asia were major contributors to global trends in August. Average daily flight volumes in late August were 1,900 flights lower than late July in Asia and 2,400 flights lower in North America. Trends in most other regions remained largely flat, with modest month over month growth in the Middle East.

## 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 21-Aug-2022	7,400 9,500	+28%	6,100 6,000	-2%
North America	1-Jan-2020 21-Aug-2022	67,400 79,600	+18%	38,000 50,700	+33%
Europe	1-Jan-2020 21-Aug-2022	44,700 53,300	+19%	24,900 36,300	+46%
South America	1-Jan-2020 21-Aug-2022	10,700 10,300	-4%	5,800 6,100	+5%
Asia	1-Jan-2020 21-Aug-2022	74,900 57,500	-23%	35,000 26,000	-26%
Caribbean	1-Jan-2020 21-Aug-2022	9,100 7,700	-15%	6,400 5,400	-16%
Africa	1-Jan-2020 21-Aug-2022	4,200 4,200	0%	1,800 1,900	+6%
North Atlantic	1-Jan-2020 21-Aug-2022	6,800 7,700	+13%	2,300 2,700	+17%

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## 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.

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## 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](https://canso.org).

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## 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.

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