

# CANSO ATM TRAFFIC ANALYSIS REPORT

MARCH 2022

## Recovery continues with new air traffic high in March

- There were 3.09 million flights operated globally in March 2022. This represents a 28 per cent increase year over year on global monthly flights in March 2021.
- March 2022 saw 5.99 million flight hours operated globally. This is a 21 per cent increase on the 4.94 million flight hours flown in March 2021.

## Flight hours recovery trailing flight numbers

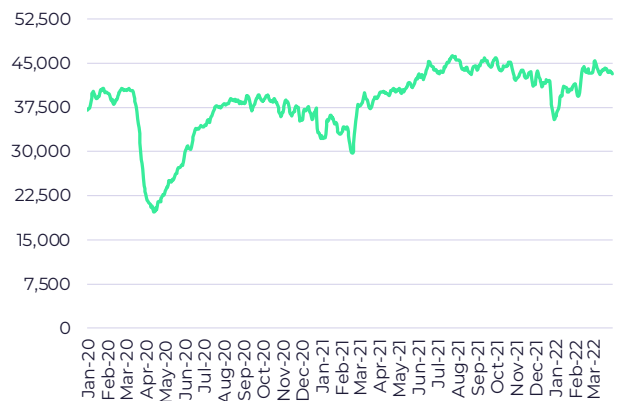
The continued relaxation of travel restrictions in March in many regions kept air travel recovery on track.

Daily average global flight numbers were up and daily global flight hours were slightly down in March, suggesting that a significant proportion of the increase is occurring in short haul flights.

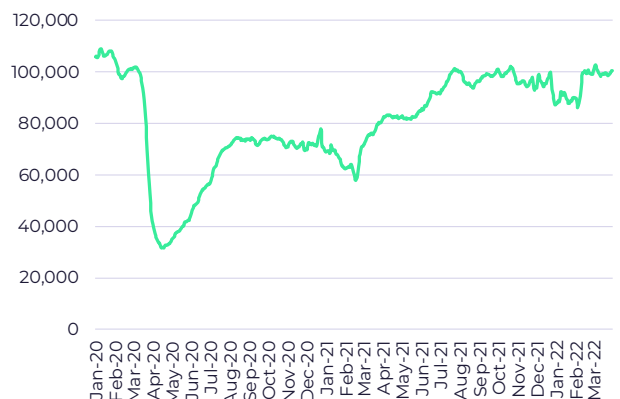
Global daily averages were 99,700 flights and 182,700 flight hours in March 2022, compared to 97,200 flights and 191,500 flight hours in February.

With reported airline load factors continuing to be lower than pre-pandemic, it is expected that continued growth in passenger numbers is likely taking place in many regions without corresponding increases in flight numbers necessarily occurring.

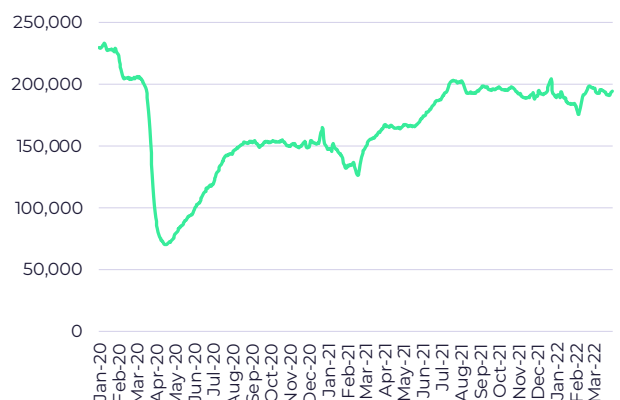
AVERAGE UNIQUE AIRCRAFT



AVERAGE GLOBAL FLIGHTS

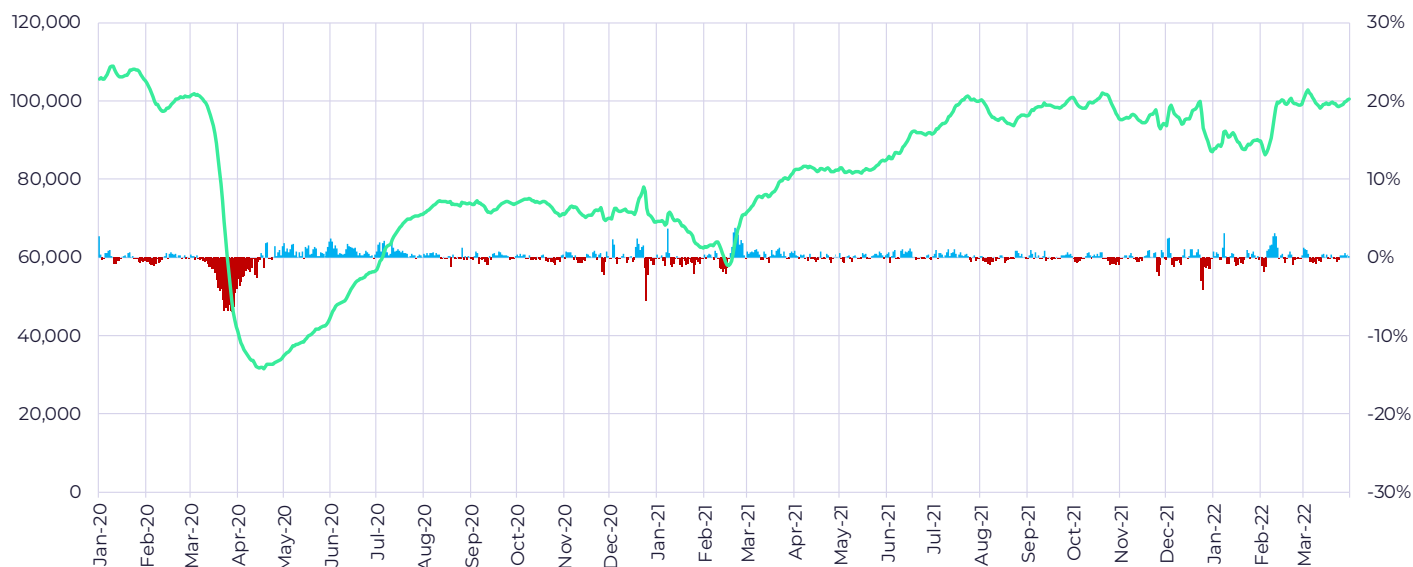


AVERAGE GLOBAL FLIGHT HOURS



# Global daily flights variation

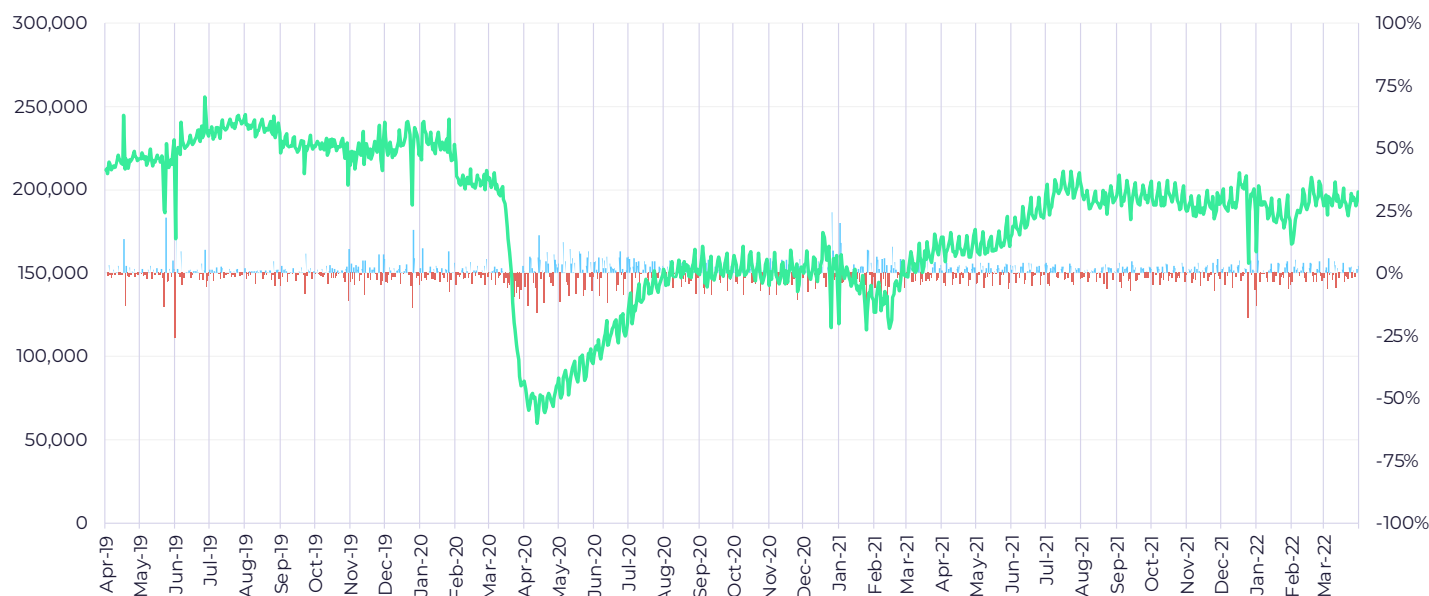
ROLLING 7-DAY AVERAGE OF DAILY FLIGHTS



The rolling 7-day average of global daily flight volumes ranged between 98,200 and 102,800 flights in February. 4 March 2022 represents a new recovery high with the 7-day average reaching 102,800, replacing the previous high, which occurred on October 20, 2021.

# Daily flight hours

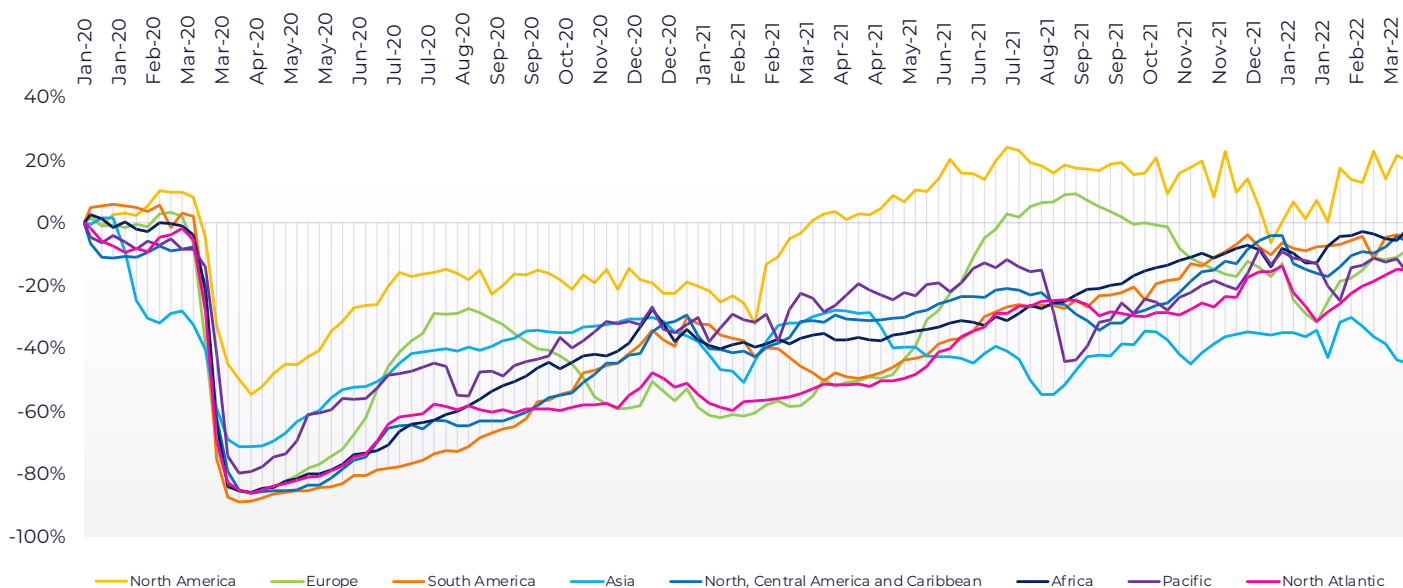
FLIGHT HOURS SINCE APRIL 2019 WITH PERCENTAGE OF DAY-TO-DAY VARIABILITY



Global flight hours are an important metric of ATM workload. The post-pandemic high occurred on 23 July 2021 when 211,000 flight hours operated.

Daily flight hours in March 2022 ranged between 204,700 and 184,200 hours per day.

## Percent change in movements by region



Air traffic in Asia was heavily affected again in March with the region shedding another 3,600 daily flights over levels seen in February 2022 and continuing to trail all other regions in air traffic recovery. Sharp month over month increases were seen in the North Atlantic, Europe, Central America and the Caribbean, which together added 6,800 daily flights.

## Tracking the recovery: Flights and flight hours by region

	Dates	Average daily flight hours	Percent change	Average daily movements	Percent change
Middle East	01 Jan 2020 20 Mar 2022	7,400 8,300	+12%	6,100 5,200	-15%
North America	01 Jan 2020 20 Mar 2022	67,400 73,200	+9%	38,000 45,600	+20%
Europe	01 Jan 2020 20 Mar 2022	44,700 37,400	-16%	24,900 22,900	-8%
South America	01 Jan 2020 20 Mar 2022	10,700 9,500	-11%	5,800 5,500	-5%
Asia	01 Jan 2020 20 Mar 2022	74,900 43,500	-42%	35,000 19,400	-45%
Caribbean	01 Jan 2020 20 Mar 2022	9,100 8,700	-4%	6,400 6,000	-6%
Africa	01 Jan 2020 20 Mar 2022	4,200 3,800	-10%	1,800 1,800	0%
North Atlantic	01 Jan 2020 20 Mar 2022	6,800 5,700	-16%	2,300 1,900	-17%

---

## 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. While some 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](https://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](https://aireon.com).

---

