

CANSO ATM TRAFFIC ANALYSIS REPORT

JANUARY 2022

Latest COVID-19 wave impacts global air traffic as 2022 begins

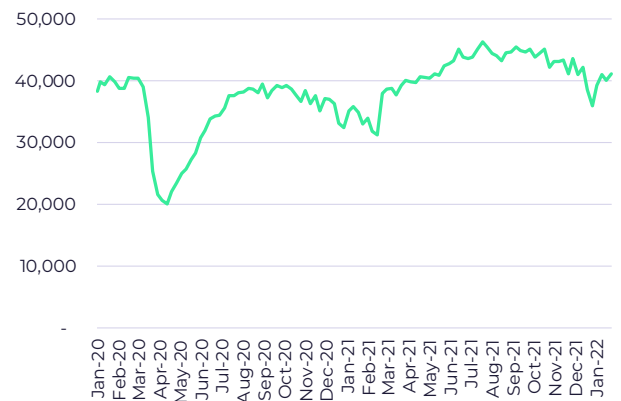
- There were 2.77 million flights operated globally in January 2022. This represents 83.4% of the 3.32 million flights operated in January 2020.
- January 2022 saw 5.78 million flight hours operated globally. This is 81.7% of the 7.07 million flight hours flown in January 2020.

Pace of recovery stumbles

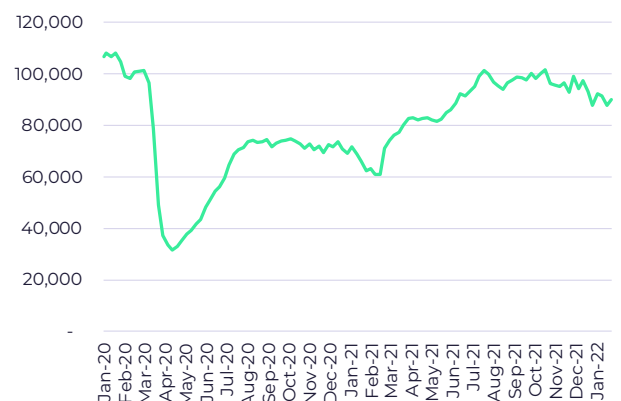
After a couple of months of steady improvement, global recovery weakened slightly in January with month over month global flight numbers falling by 3.6% and global flight hours falling by 3.8% when compared to pre-pandemic numbers.

Global infection rates appeared to peak in late January at over 3 million new infections per day. Air travel was affected by this surge which resulted in numerous instances of staff shortages due to illness or quarantine and caused several airlines to contract flight schedules.

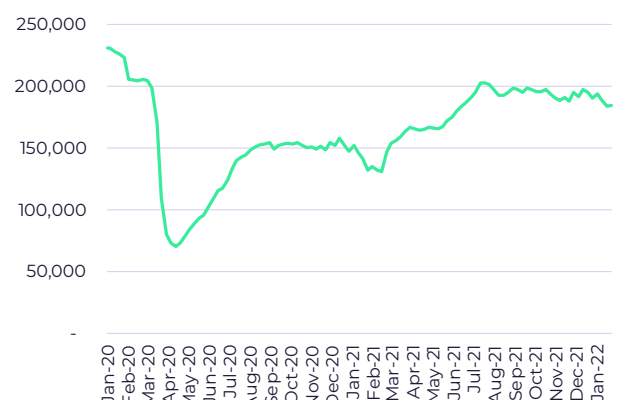
AVERAGE UNIQUE AIRCRAFT



AVERAGE GLOBAL FLIGHTS

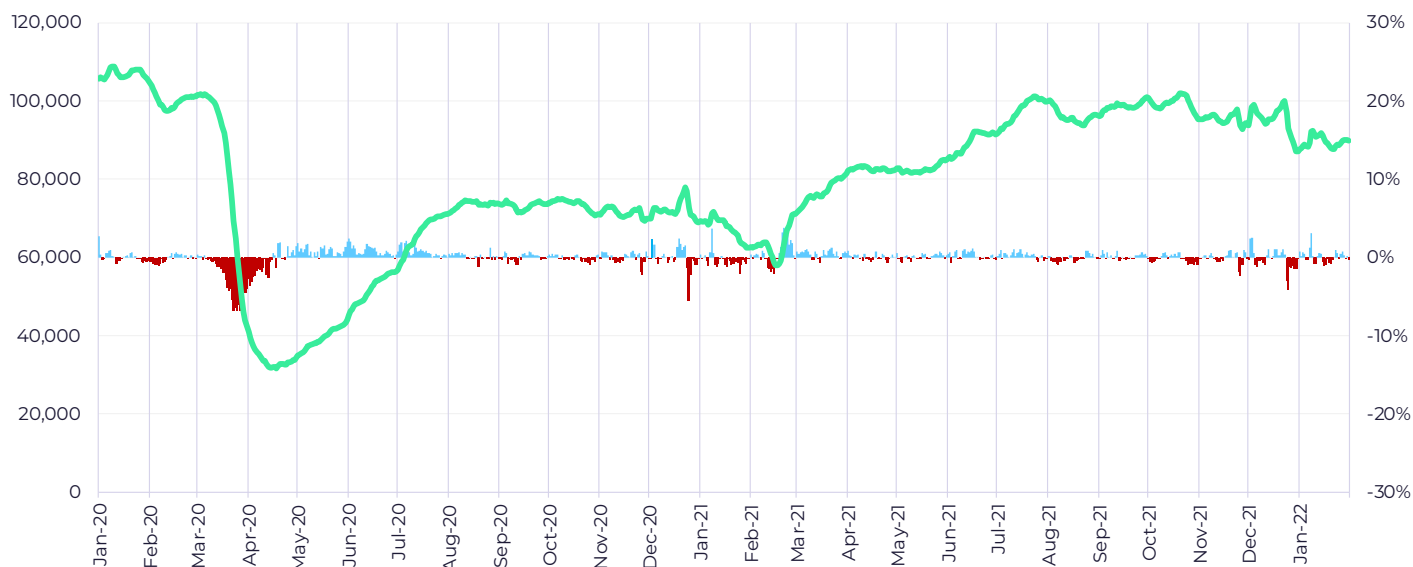


AVERAGE GLOBAL FLIGHT HOURS



Global daily flights variation

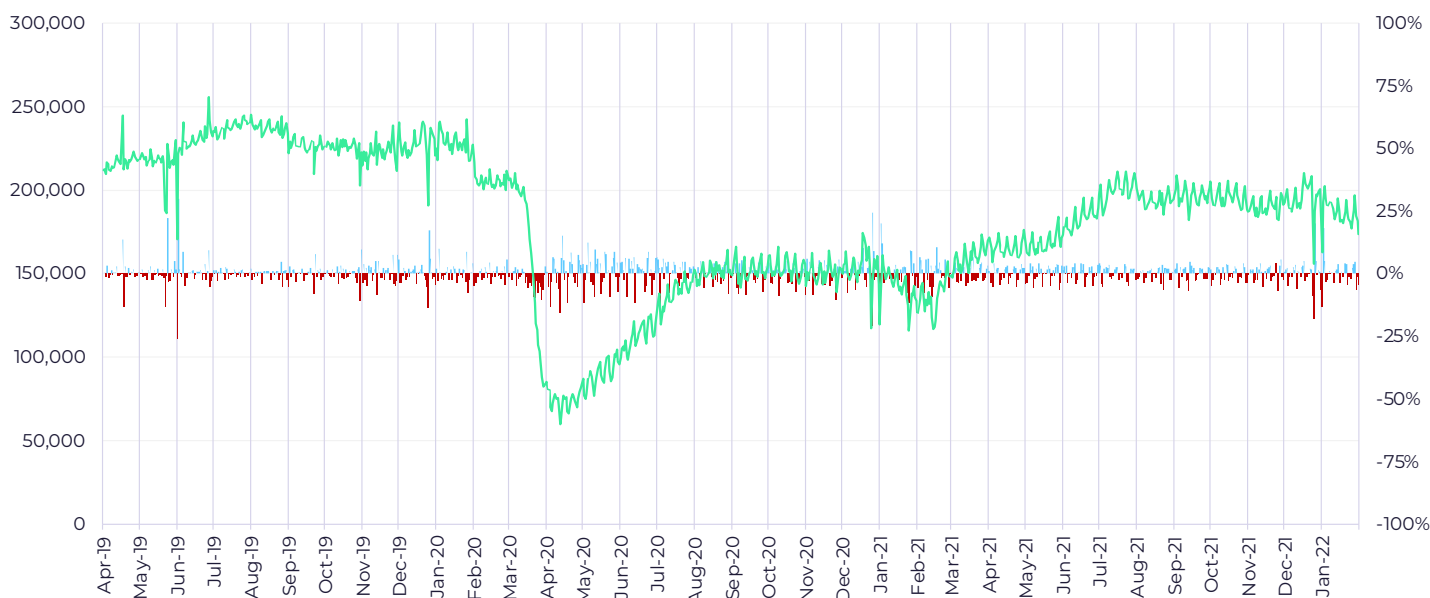
ROLLING 7-DAY AVERAGE OF DAILY FLIGHTS



The rolling 7-day average of global daily flight volumes ranged between 91,500 and 87,600 flights in January. The post-pandemic high remains October 20 2021 when the 7-day average reached 102,000.

Daily flight hours

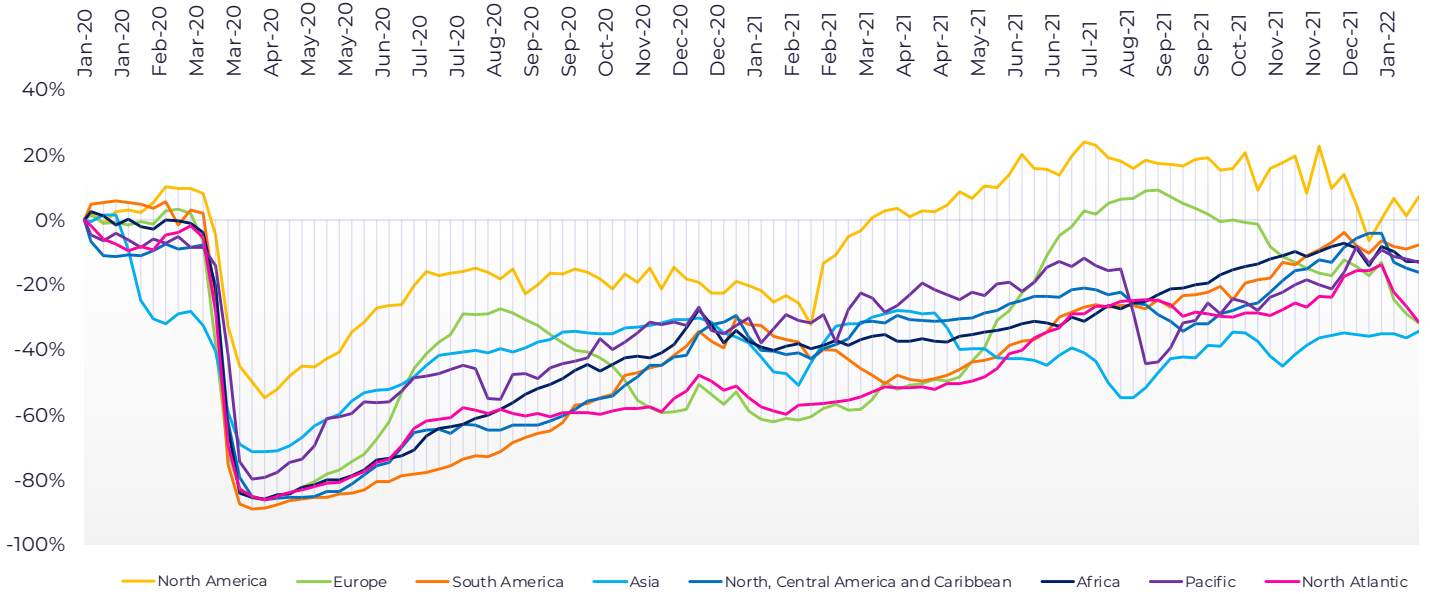
FLIGHT HOURS SINCE APRIL 2019 WITH PERCENTAGE OF DAY-TO-DAY VARIABILITY



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 January 2022 ranged between 202,000 and 163,000 hours per day, the latter occurring on the traditionally quiet January 1st.

Percent change in movements by region



Several regions saw a reduction in traffic in January, with Europe and the North Atlantic seeing the most significant declines. Air traffic in Europe was over 4,000 flights per day less in late January than in late December, while the North Atlantic lost 300 flights per day during the same period. North America saw a resumption of strong numbers. Asia, which remains the most significantly impacted region, saw a continuation of slight gains in air traffic.

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 23 Jan 2022	7,400 7,300	-1%	6,100 4,400	-28%
North America	01 Jan 2020 23 Jan 2022	67,400 65,300	-3%	38,000 40,800	+7%
Europe	01 Jan 2020 23 Jan 2022	44,700 32,200	-28%	24,900 17,100	-31%
South America	01 Jan 2020 23 Jan 2022	10,700 9,700	-9%	5,800 5,400	-7%
Asia	01 Jan 2020 23 Jan 2022	74,900 52,700	-30%	35,000 23,000	-34%
Caribbean	01 Jan 2020 23 Jan 2022	9,100 7,700	-15%	6,400 5,300	-17%
Africa	01 Jan 2020 23 Jan 2022	4,200 3,400	-19%	1,800 1,600	-11%
North Atlantic	01 Jan 2020 23 Jan 2022	6,800 5,000	-26%	2,300 1,600	-30%

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.



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.

