

CANSO ATM TRAFFIC ANALYSIS REPORT

FEBRUARY 2022

February sees improvements as travel restrictions aimed at controlling Omicron lift

- There were 2.72 million flights operated globally in February 2022. This represents 97.4% of the 2.79 million flights operated in February 2020, the month in which COVID-19 traffic restrictions first began.
- February 2022 saw 5.36 million flight hours operated globally. This is 93.1% of the 5.75 million flight hours flown in February 2020.

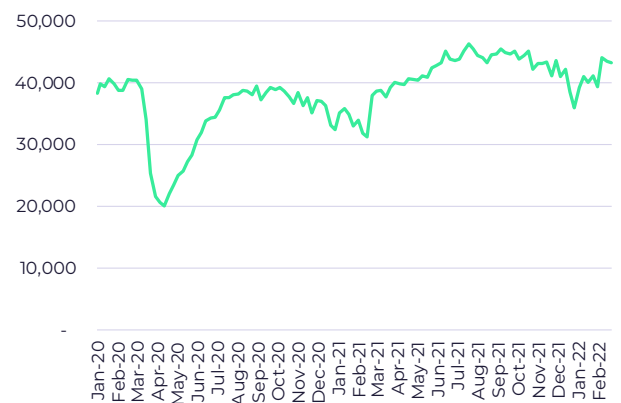
February traffic rebounds

The weakening of air traffic that was seen in January reversed itself in February as many countries began to remove or relax travel restrictions aimed at controlling Omicron infection rates.

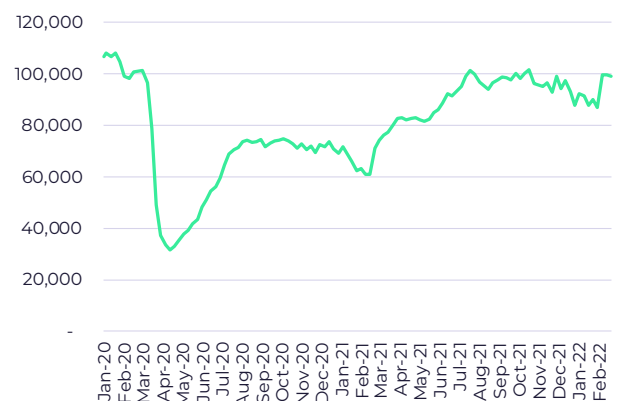
Daily average global flight numbers and global flight hours increased to 97,200 flights and 191,500 flight hours in February. That represents an increase from a global daily average of 89,500 flights and 186,400 flight hours in January 2022.

Global air traffic is up considerably on levels in 2021. Global flight numbers were up 51% on February 2021 with increases in global flight hours of 40% during the same period.

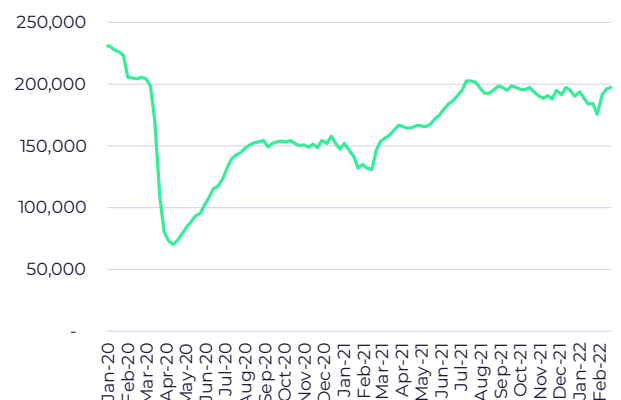
AVERAGE UNIQUE AIRCRAFT



AVERAGE GLOBAL FLIGHTS

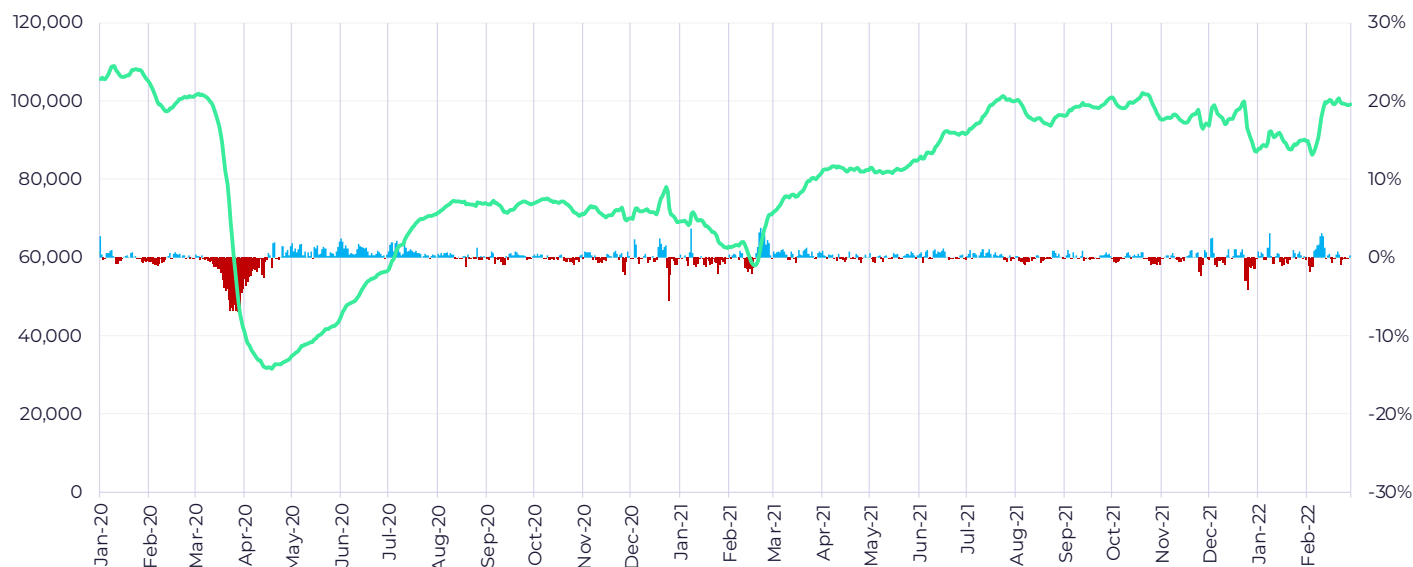


AVERAGE GLOBAL FLIGHT HOURS



Global daily flights variation

ROLLING 7-DAY AVERAGE OF DAILY FLIGHTS



The rolling 7-day average of global daily flight volumes ranged between 86,200 and 100,300 flights in February. The post-pandemic high remains October 20 2021 when the 7-day average reached 102,000.

Daily flight hours

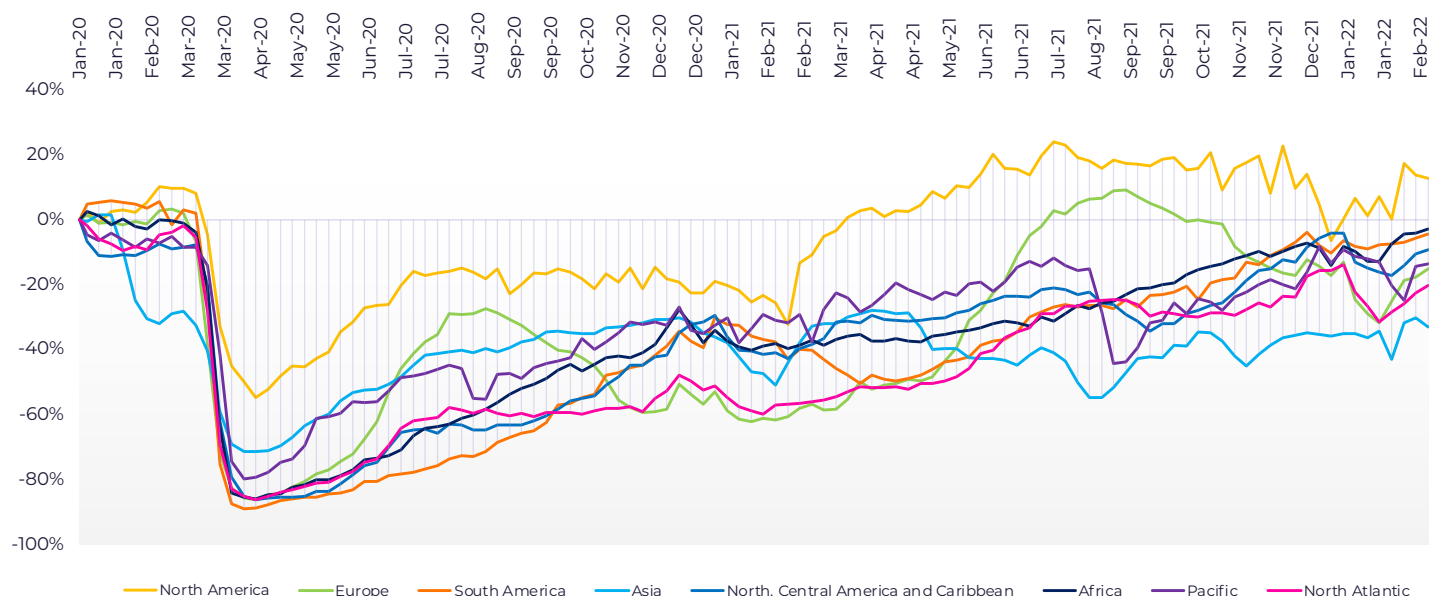
FLIGHT HOURS SINCE APRIL 2019 WITH PERCENTAGE OF DAY-TO-DAY VARIABILITY



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 February 2022 ranged between 207,600 and 167,200 hours per day.

Percent change in movements by region



All regions saw higher traffic in February over January 2022 with growth led by Europe, which added over 4,000 flights daily over volumes seen in January. Asia remains the most heavily impacted region, with traffic numbers in that region the most significantly off of normal volumes each month for the past eight months.

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 Feb 2022	7,400 7,800	+5%	6,100 4,900	-20%
North America	01 Jan 2020 20 Feb 2022	67,400 69,900	+4%	38,000 42,900	+13%
Europe	01 Jan 2020 20 Feb 2022	44,700 37,500	-16%	24,900 21,200	-15%
South America	01 Jan 2020 20 Feb 2022	10,700 9,700	-9%	5,800 5,600	-3%
Asia	01 Jan 2020 20 Feb 2022	74,900 54,000	-28%	35,000 23,500	-33%
Caribbean	01 Jan 2020 20 Feb 2022	9,100 8,200	-10%	6,400 5,800	-9%
Africa	01 Jan 2020 20 Feb 2022	4,200 3,700	-12%	1,800 1,800	0%
North Atlantic	01 Jan 2020 20 Feb 2022	6,800 5,400	-21%	2,300 1,800	-22%

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.

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