

CANSO ATM TRAFFIC ANALYSIS REPORT

JULY 2022

Number of global flights in July more than 10 percent higher than 2019

- There were 3.90 million flights operated globally in July 2022. This represents a 31.9 per cent increase on the number of flights in July 2021 and an 11.6 per cent increase on the 3.49 million flights operated in July 2019.
- July 2022 saw 7.05 million flight hours operated globally. This is a 17.4 per cent increase on the number of flight hours in July 2021 and is 1.2 per cent lower than the 7.14 million flight hours flown in July 2019.

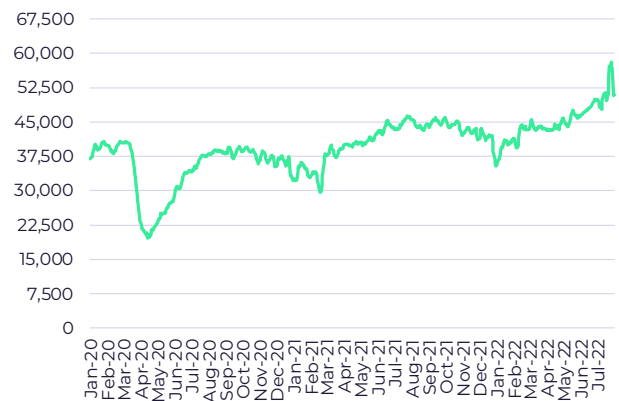
Despite cancellations, global traffic volumes up on 2019

Despite flight cancellations and capacity cuts by airlines and airports in some regions to cope with staffing challenges, the number of flights operated globally was 11.6 per cent higher in July 2022 than in July 2019.

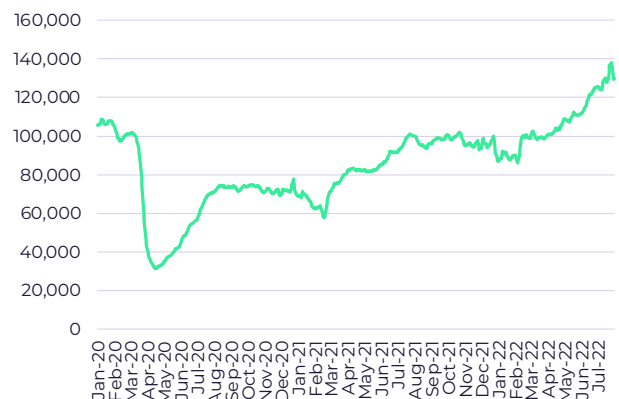
Demand for air travel continues to challenge the system after two years of travel restrictions that saw flight numbers fall to 30 per cent of normal volumes.

Seasonal peaks in Europe, North America and the North Atlantic are driving the recovery, along with growth in business aviation. Traffic volumes in Asia showed some improvement in July but are still well off normal volumes.

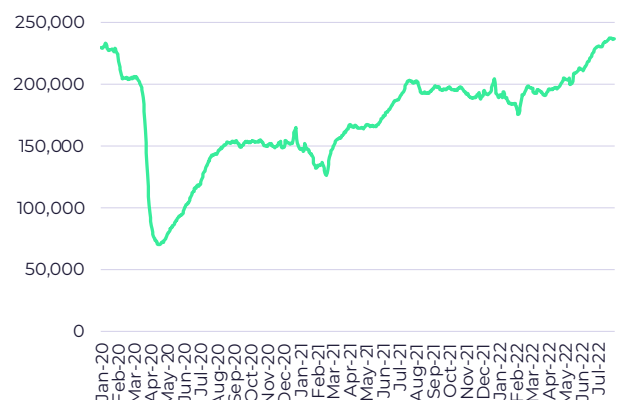
AVERAGE UNIQUE AIRCRAFT



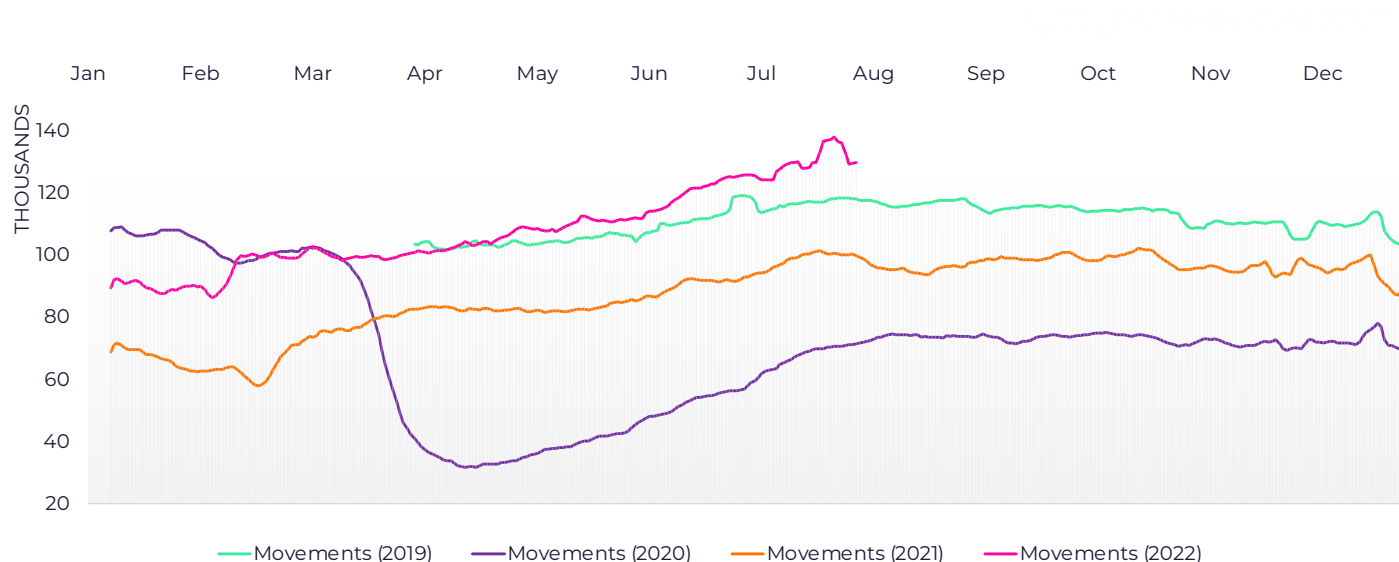
AVERAGE GLOBAL FLIGHTS



AVERAGE GLOBAL FLIGHT HOURS

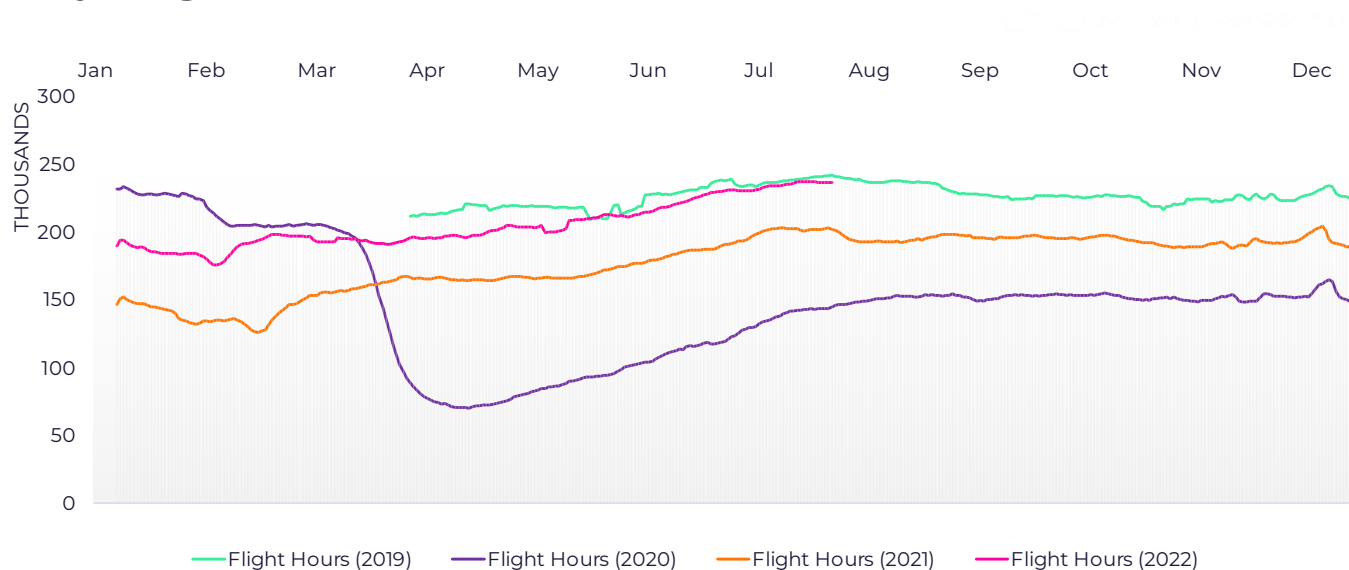


Global daily flights variation



The rolling 7-day average of global daily flight volumes continued to climb in July, ranging between 124,000 and 137,000 flights. 24 July 2022 represents the new recovery high with the 7-day average reaching 137,000 flights.

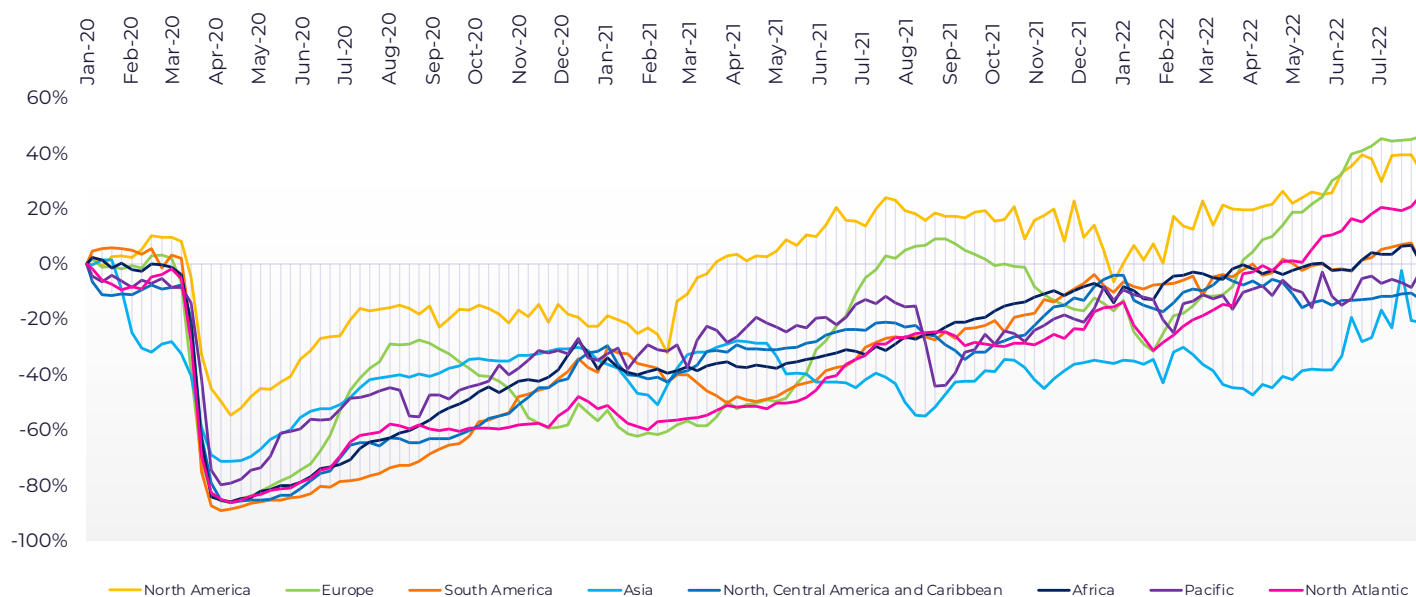
Daily Flight Hours



Global flight hours are an important metric of ATM workload. The previous post pandemic high of 30 June 2022 was replaced on 29 July when 244,000 flight hours were operated globally.

Daily flight hours in July 2022 ranged between 224,000 and 244,000 hours per day.

Percent change in movements by region



Average daily flight numbers in Asia the end of July were 2,600 flights higher than June. Europe volumes were 1,100 higher over the same period with North America volumes staying relatively constant. Steady growth in North Atlantic traffic and small month over month gains in average daily flight numbers in Africa, the Middle East and South America, Central America and the Caribbean rounded out the global picture.

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 24-Jul-2022	7,400 9,200	+24%	6,100 5,800	-5%
North America	1-Jan-2020 24-Jul-2022	67,400 83,100	+23%	38,000 53,100	+40%
Europe	1-Jan-2020 24-Jul-2022	44,700 53,800	+20%	24,900 36,200	+45%
South America	1-Jan-2020 24-Jul-2022	10,700 10,600	-1%	5,800 6,200	+7%
Asia	1-Jan-2020 24-Jul-2022	74,900 60,400	-19%	35,000 27,900	-20%
Caribbean	1-Jan-2020 24-Jul-2022	9,100 8,200	-10%	6,400 5,700	-11%
Africa	1-Jan-2020 24-Jul-2022	4,200 4,300	+2%	1,800 2,000	+11%
North Atlantic	1-Jan-2020 24-Jul-2022	6,800 7,800	+15%	2,300 2,700	+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. 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.

