

CANSO ATM TRAFFIC ANALYSIS REPORT

JUNE 2022

Flight volumes in peak season showing signs of exceeding 2019 levels

- There were 3.64 million flights operated globally in June 2022. This represents a 34.5 per cent increase on the number of flights in June 2021 and an 8.3 per cent increase on the 3.36 million flights operated in June 2019.
- June 2022 saw 6.68 million flight hours operated globally. This is a 22 percent increase on the number of flight hours in June 2021 and is 2.7 per cent lower than the 6.87 million flight hours flown in June 2019.

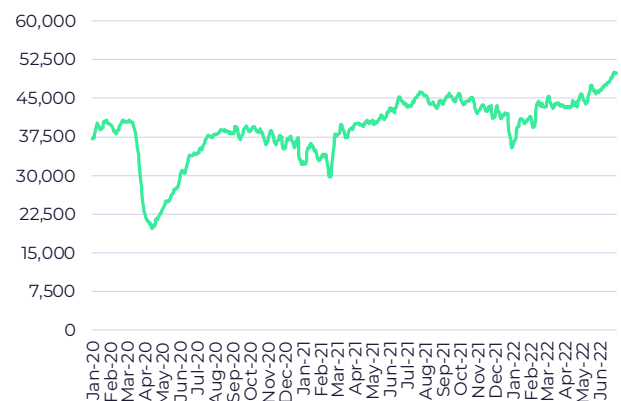
Total number of flights daily up from 2019

As we head into what are traditionally the two busiest months of the year, flight volumes as measured in number of flights per day have already exceeded 2019 levels for May and June.

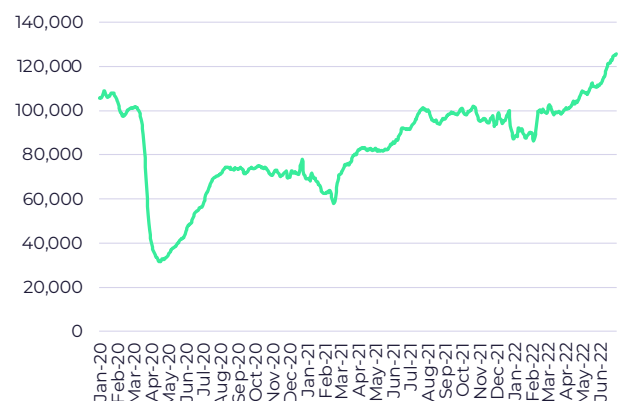
There are important differences from 2019 however. Traditional commercial scheduled flights make up a slightly smaller percentage of traffic, while business aviation and non-scheduled operations make up a larger percentage. Flight patterns have changed with some airports, largely vacation destinations, well above 2019 levels and others remaining below. Recovery in flight hours continues to lag overall flight numbers, indicating a shift to shorter flights from long haul.

While the continuation of patterns of recovery are welcome, it is clear that recovery will reflect important changes and will not look like what existed in 2019.

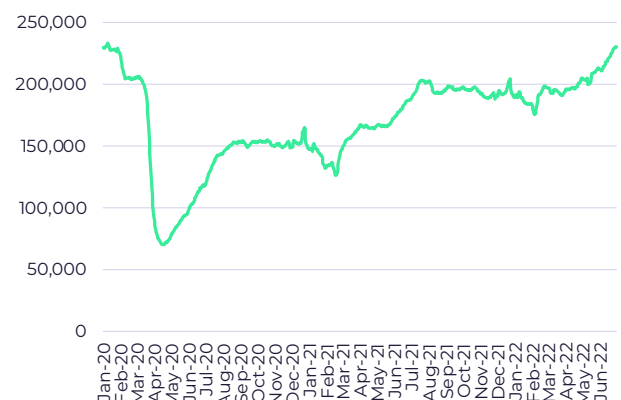
AVERAGE UNIQUE AIRCRAFT



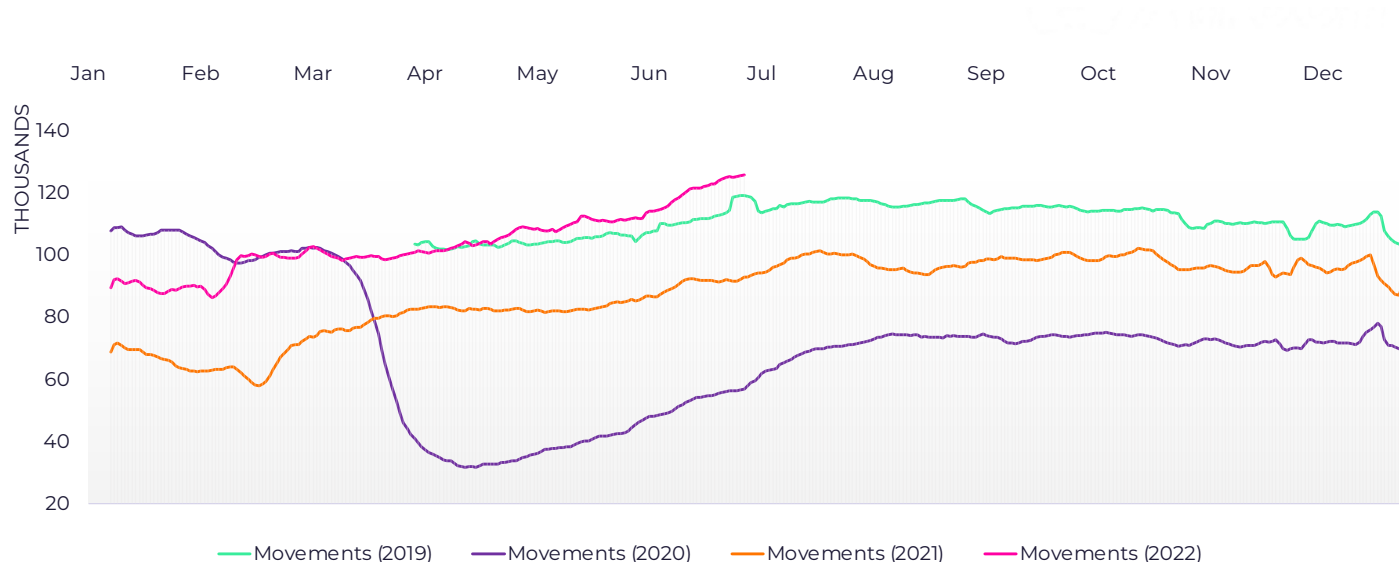
AVERAGE GLOBAL FLIGHTS



AVERAGE GLOBAL FLIGHT HOURS

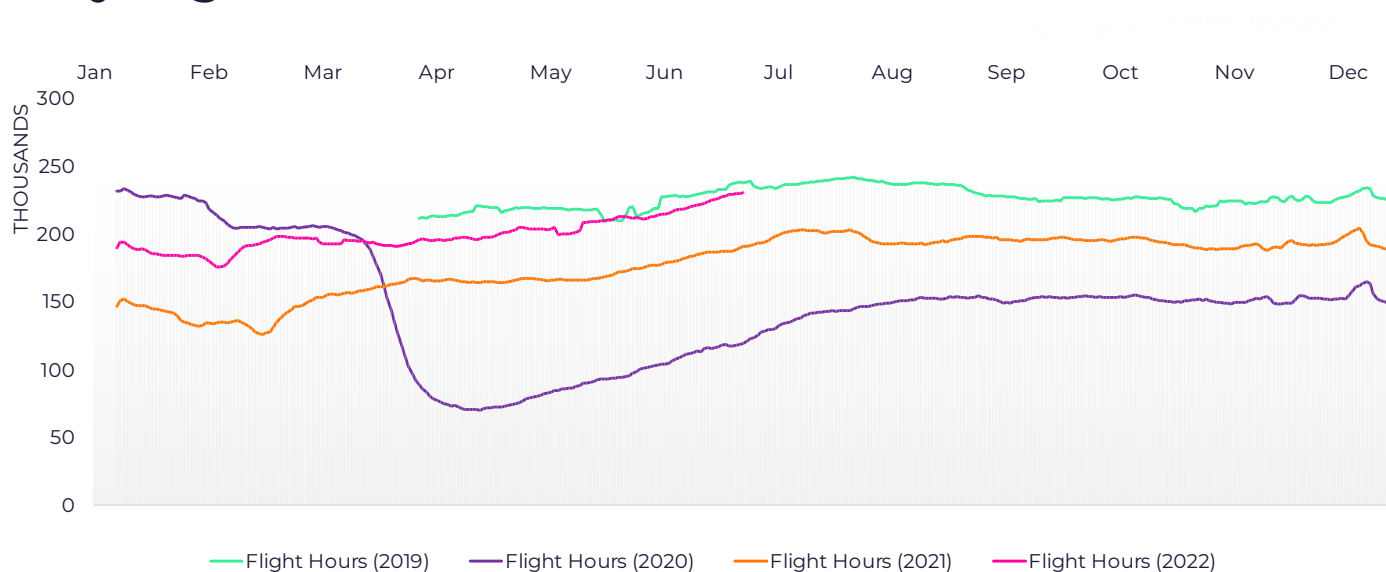


Global daily flights variation



The rolling 7-day average of global daily flight volumes showed a steady increase in June, ranging between 111,800 and 125,700 flights. 30th June represents the new recovery high with the 7-day average reaching 125,700 flights.

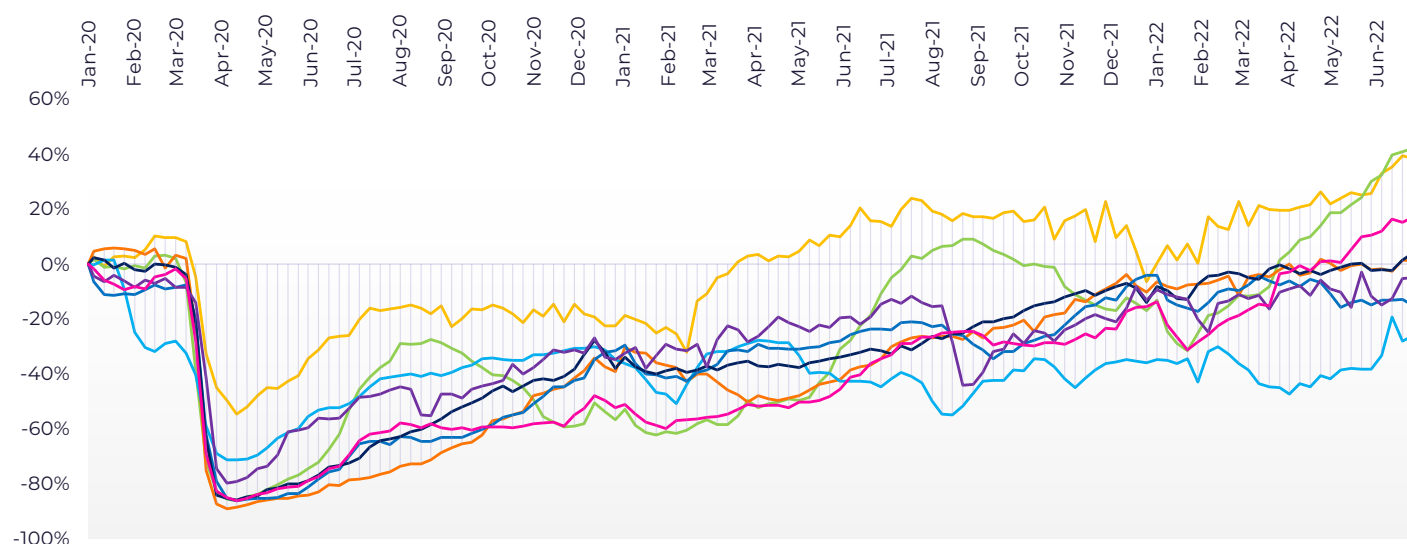
Daily Flight Hours



Global flight hours are an important metric of ATM workload. The previous post pandemic high, which occurred on 27th May was replaced on 30th June when 236,000 flight hours operated.

Daily flight hours in June 2022 ranged between 209,000 and 236,000 hours per day.

Percent change in movements by region



Air traffic in Asia saw a meaningful increase in June following several months of heavily depressed volumes. The region continued to be the most heavily impacted, but added more than 3,500 daily flights over a month earlier. June air traffic in Europe, and North America increased by over 4,000 and 5,000 flights daily respectively over May levels, despite an increase in flight cancellations.

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 19 June 2022	7,400 8,800	+19%	6,100 5,600	-8%
North America	01 Jan 2020 19 June 2022	67,400 81,100	+20%	38,000 53,000	+39%
Europe	01 Jan 2020 19 June 2022	44,700 52,100	+17%	24,900 35,100	+41%
South America	01 Jan 2020 19 June 2022	10,700 10,000	-7%	5,800 5,900	+2%
Asia	01 Jan 2020 19 June 2022	74,900 56,800	-24%	35,000 25,300	-28%
Caribbean	01 Jan 2020 19 June 2022	9,100 8,000	-12%	6,400 5,600	-13%
Africa	01 Jan 2020 19 June 2022	4,200 4,100	-2%	1,800 1,900	+6%
North Atlantic	01 Jan 2020 19 June 2022	6,800 7,400	+9%	2,300 2,600	+13%

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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