

CANSO ATM TRAFFIC ANALYSIS REPORT

JUNE 2021

June brings encouraging signs of a summer peak

- There were 2.7 million flights operated globally in June 2021. This represents 80% of the 3.36 million flights operated in June 2019 and a 70% increase on the 1.59 million flights in June 2020.
- June 2021 saw over 5.4 million flight hours operated globally. This is 78% of the 6.9 million flight hours flown in June 2019 and an increase of 61% on the 3.4 million monthly flight hours in June 2020.

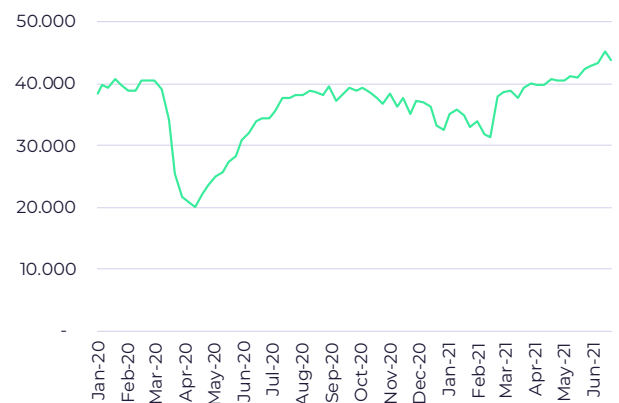
A return to growth

After a few months of relatively flat recovery performance in April and May, overall traffic grew significantly in June.

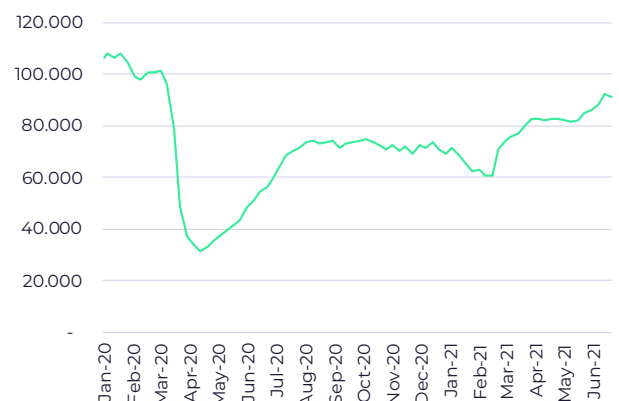
There were on average 90,000 daily flights in June 2021 and global flight hours averaged 182,800 hours daily. This compares to the prior month's average of 80,000 daily flights in May 2021 with 162,500 hours daily. Two years ago, in June 2019, daily traffic averaged 112,000 flights and 229,000 flight hours.

In a normal year, global traffic trends higher in June, July and August. June's higher numbers are therefore in part reflective of normal seasonal cycle, but hopefully also indicative of sustained traffic recovery.

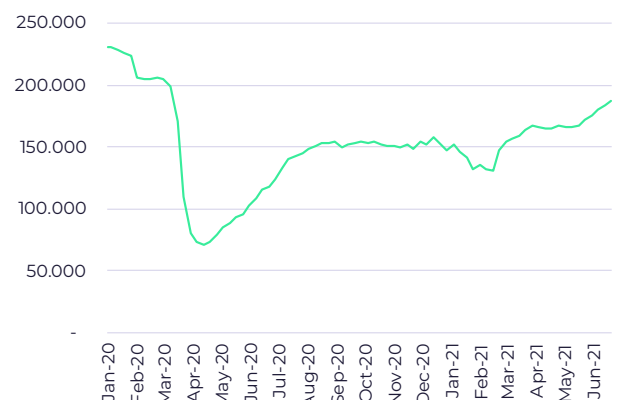
AVERAGE UNIQUE AIRCRAFT



AVERAGE GLOBAL FLIGHTS

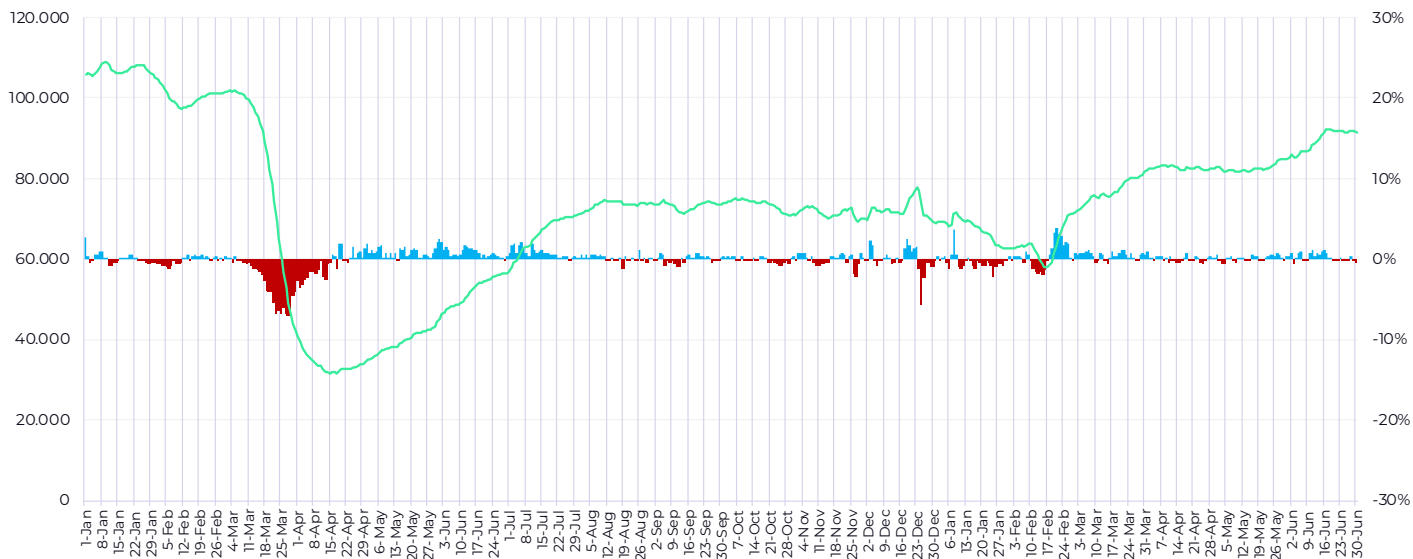


AVERAGE GLOBAL FLIGHT HOURS



Global daily flights variation

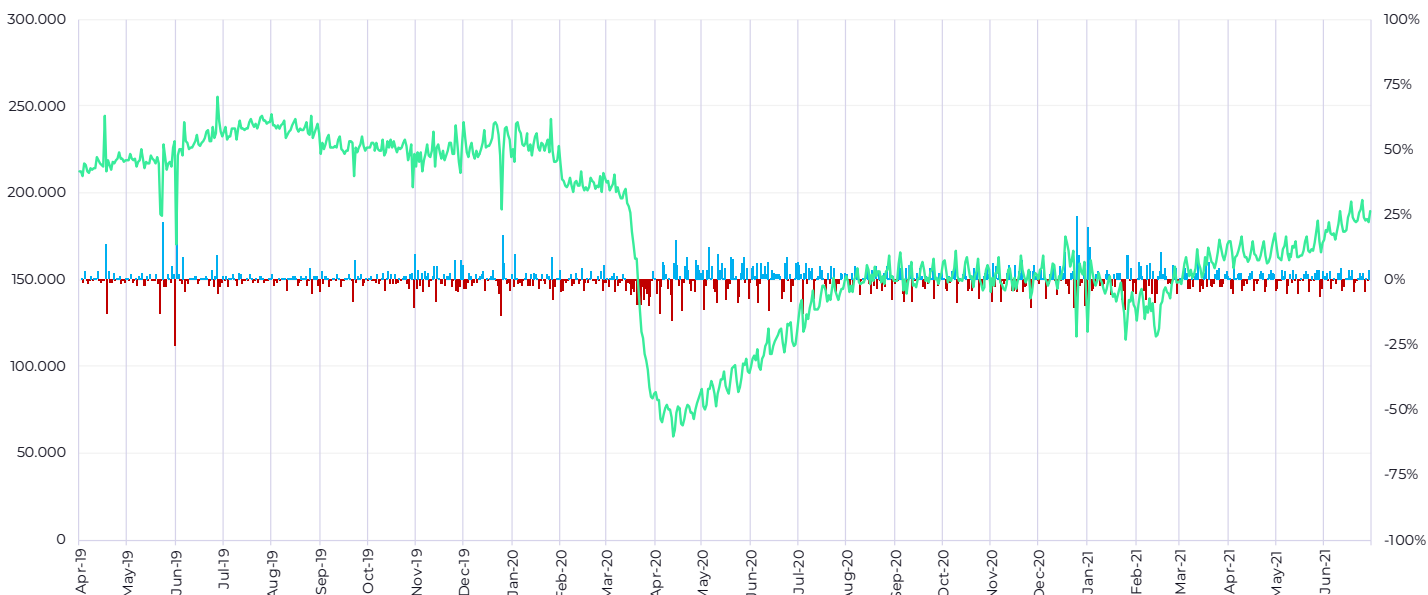
ROLLING 7-DAY AVERAGE OF DAILY FLIGHTS



The rolling 7-day average of global daily flight volumes hit a new post-pandemic high exceeding 92,000 flights on 18 June 2021 before flattening out in second half of the month.

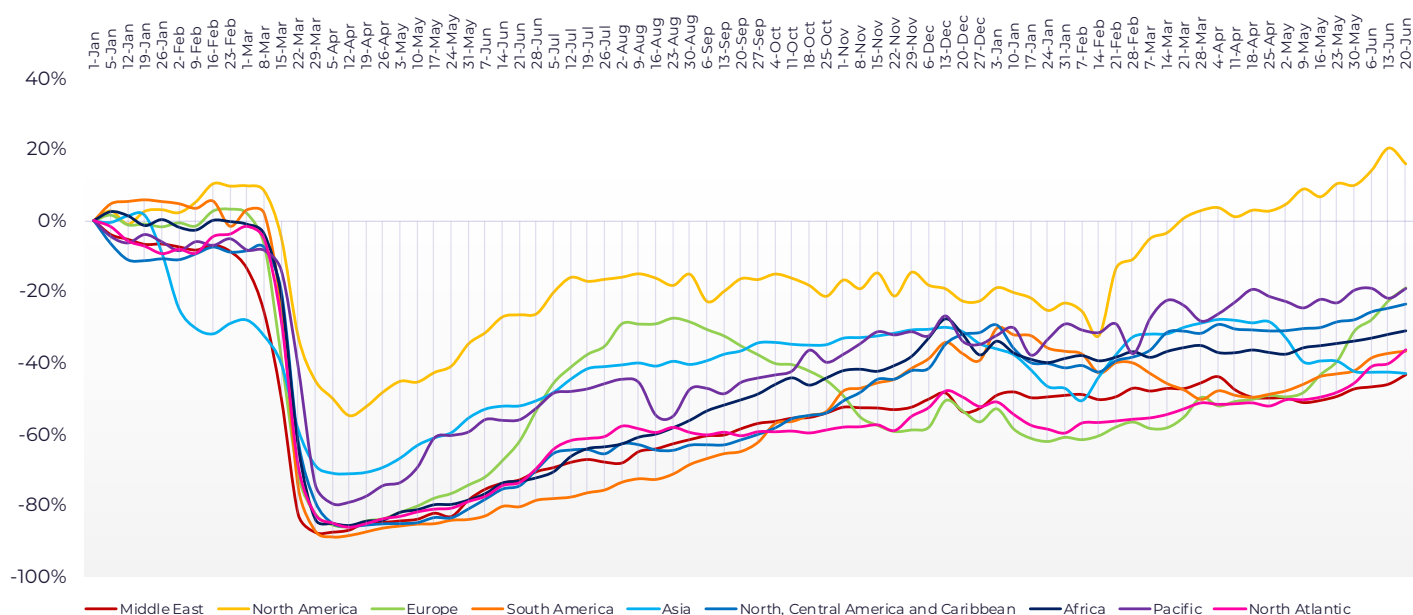
Daily flight hours

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



Global flight hours are an important metric of ATM workload. June flight hours tracked higher throughout the month, with 25 June representing a new post-pandemic high point with 195,600 flight hours operated. This is a 10% gain on the prior high of 30 April 2021 on which day 176,000 flight hours operated.

Percent change in movements by region



All regions experienced an increase in daily flights in June over the month prior with the exception of Asia, which lost 1,200 daily flights. Traffic in Asia and the Middle East remain the most significantly impacted regions at -43% of January 2020 traffic volumes. The strength of traffic recovery in the United States continued in June with an average of an additional 2,100 daily flights added over May. However, Europe saw the most significant absolute growth, with daily volumes growing by over 5,000 flights and over 8,500 flight hours over May 2021 and traffic levels more than 100% higher than in June 2020.

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 Jun 2021	7,400 5,400	-27%	6,100 3,500	-43%
North America	01 Jan 2020 20 Jun 2021	67,400 74,400	+10%	38,000 44,100	+16%
Europe	01 Jan 2020 20 Jun 2021	44,700 37,600	-16%	24,900 20,300	-18%
South America	01 Jan 2020 20 Jun 2021	10,700 6,300	-41%	5,800 3,700	-36%
Asia	01 Jan 2020 20 Jun 2021	74,900 47,300	-37%	35,000 20,000	-43%
Caribbean	01 Jan 2020 20 Jun 2021	9,100 7,100	-22%	6,400 4,900	-23%
Africa	01 Jan 2020 20 Jun 2021	4,200 2,800	-33%	1,800 1,300	-28%
North Atlantic	01 Jan 2020 20 Jun 2021	6,800 4,100	-40%	2,300 1,400	-39%

ABOUT THE ATM REPORT

The ATM Report is issued bi-weekly 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.

