

CANSO ATM TRAFFIC ANALYSIS REPORT

APRIL 2022

Air traffic flight volumes approach 2019 levels for the first time since COVID-19 was declared a pandemic

- There were 3.13 million flights operated globally in April 2022. This represents 98 per cent of the 3.19 million global flights operated in April 2019.
- April 2022 saw 5.98 million flight hours operated globally – 89 per cent of the 6.73 million flight hours flown in April 2019.

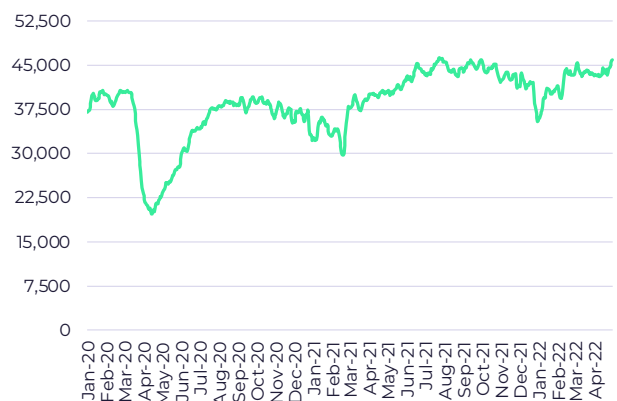
Two years on from our lowest month

In April 2020 air traffic fell to its lowest level of the pandemic. Two years later, traffic in April 2022 was 200 per cent higher than that point.

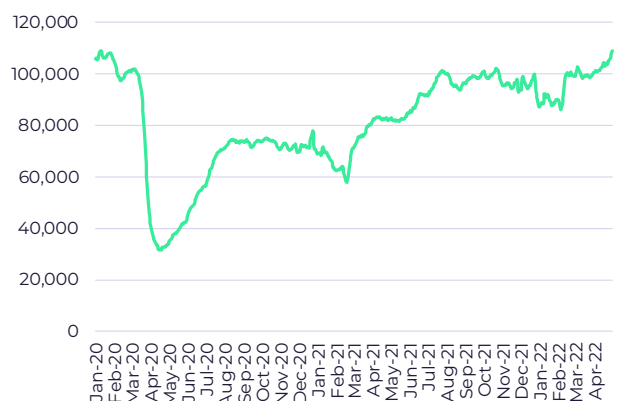
Air travel recovery continued in April with encouraging signs for the summer peak in the northern hemisphere. Global monthly flight volumes were just 2 per cent down on 2019 levels, with global flight hours down 19 per cent from 2019 levels, suggesting that a significant proportion of the increase is occurring in short haul flights as was noted last month.

Global daily averages were 104,500 flights and 199,500 flight hours in April, compared to 99,700 flights and 182,700 flight hours the month prior in March 2022.

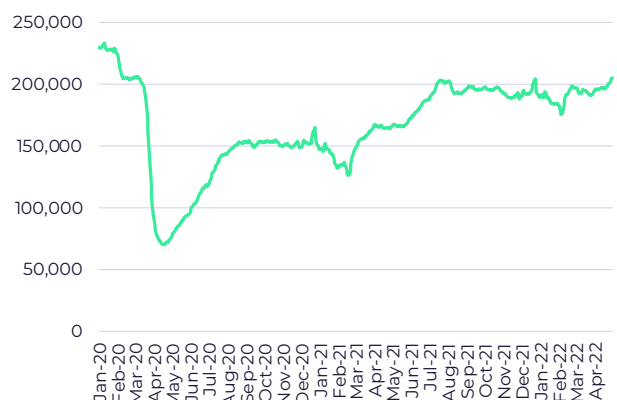
AVERAGE UNIQUE AIRCRAFT



AVERAGE GLOBAL FLIGHTS

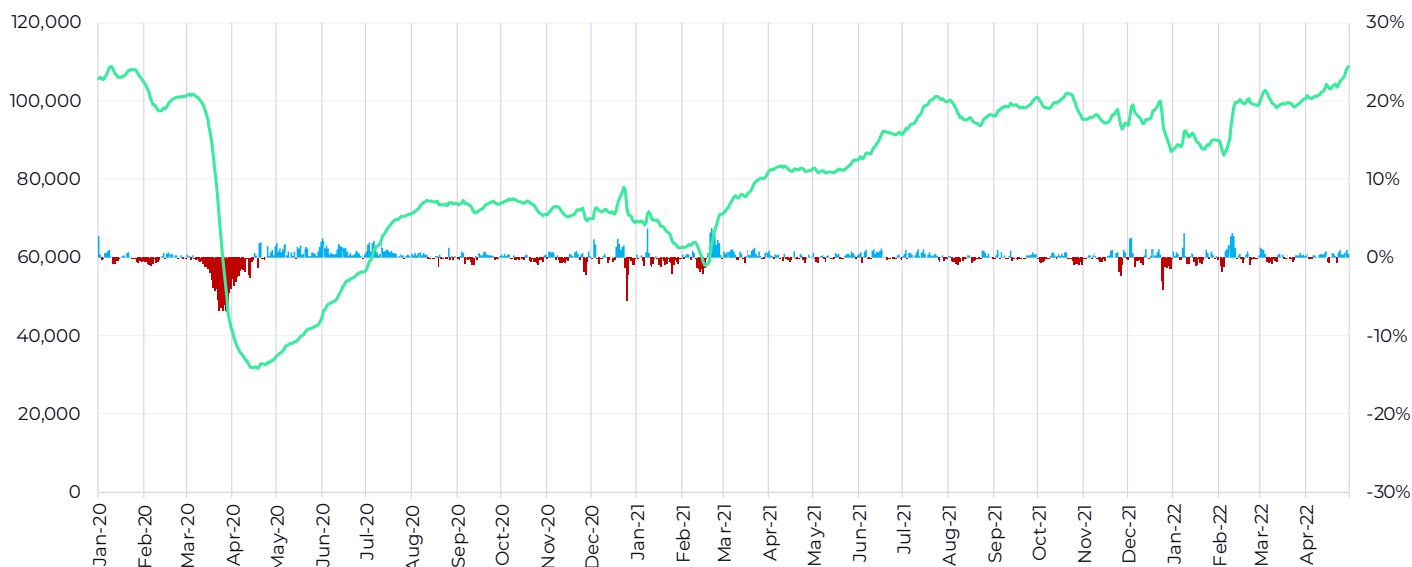


AVERAGE GLOBAL FLIGHT HOURS



Global daily flights variation

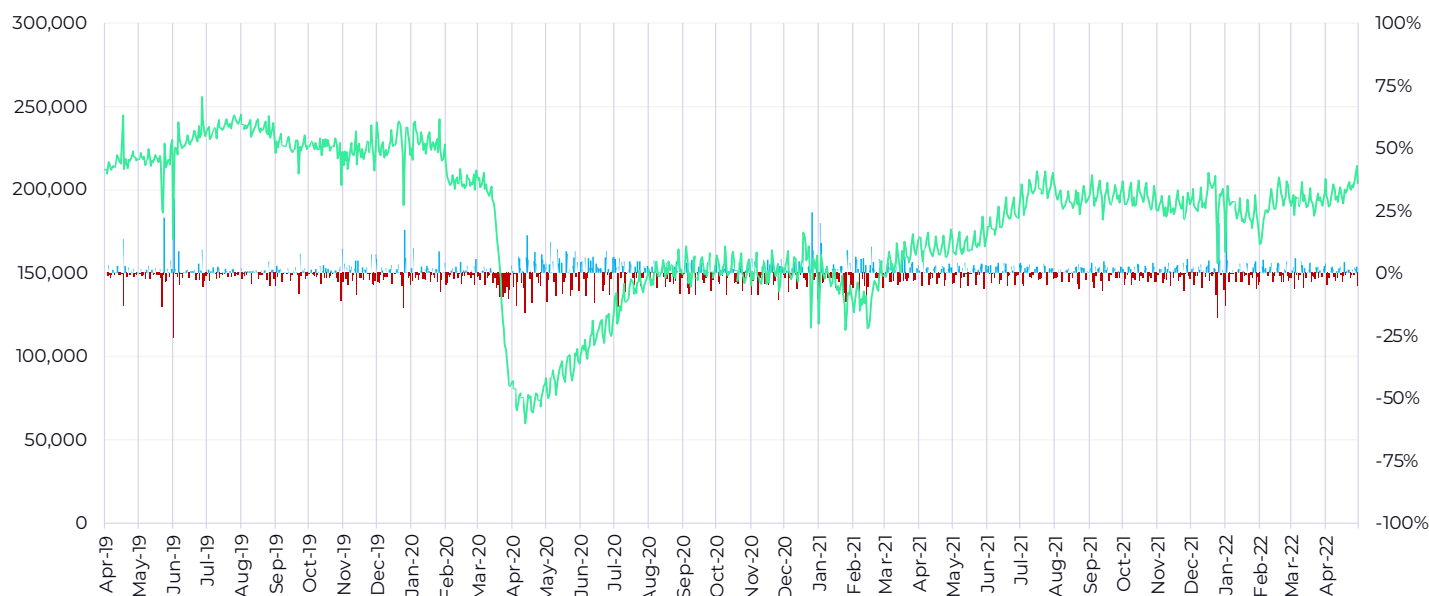
ROLLING 7-DAY AVERAGE OF DAILY FLIGHTS



The rolling 7-day average of global daily flight volumes showed a steady increase throughout the month, ranging between 101,000 and 108,700 flights in April. April 30th represents a new recovery high with the 7-day average reaching 108,700, replacing the previous high, which occurred on 4 March 2022.

Daily flight hours

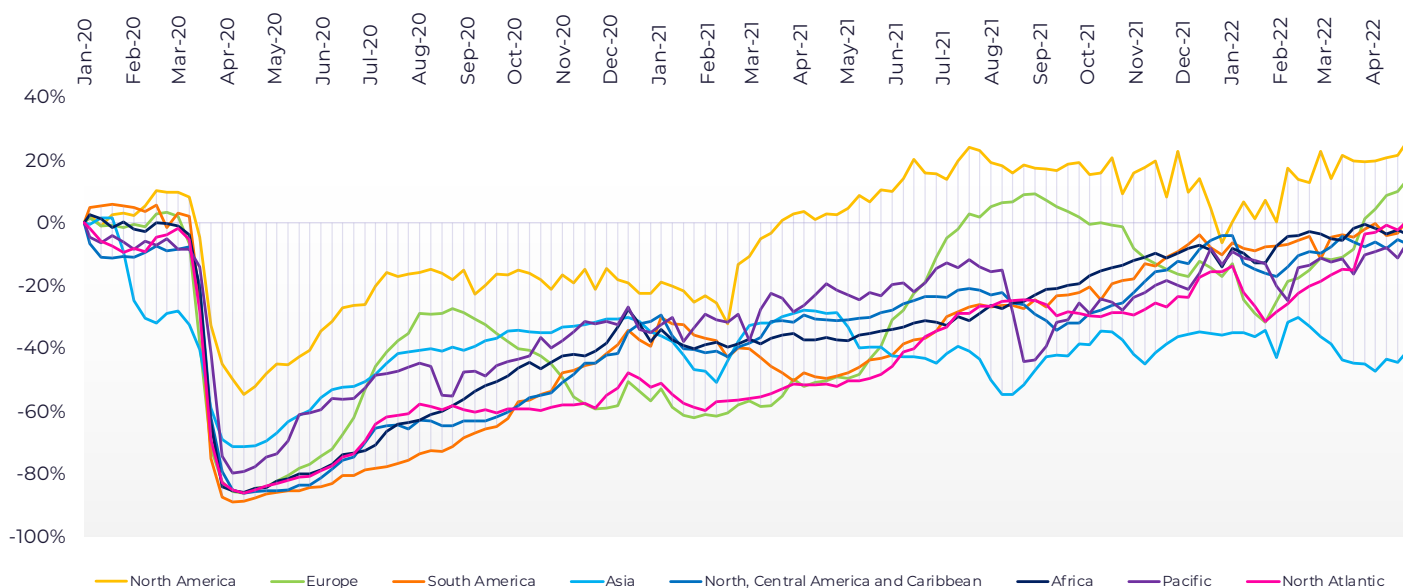
FLIGHT HOURS SINCE APRIL 2019 WITH PERCENTAGE OF DAY-TO-DAY VARIABILITY



Global flight hours are an important metric of ATM workload. The previous post pandemic high, which occurred on 23 July 2021, was replaced on 29th April when 214,500 flight hours operated.

Daily flight hours in April 2022 ranged between 214,500 and 191,000 hours per day.

Percent change in movements by region



Air traffic recovery in Asia continues to follow a different path than all other regions with traffic volumes remaining at minus 40 per cent of pre-pandemic values. Additional capacity declines in April due to lockdowns in major cities meant only marginal gains were seen in this region over March. Europe on the other hand saw significant growth with the addition of over 5,000 daily flights and over 7,000 daily flight hours over late March as inter-European traffic showed strong recovery. Traffic in the North Atlantic also showed encouraging signs, with steady growth in February, March and April.

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	7,400		6,100	
	24 Apr 2022	8,100	+9%	5,100	-16%
North America	01 Jan 2020	67,400		38,000	
	24 Apr 2022	75,600	+12%	48,000	+26%
Europe	01 Jan 2020	44,700		24,900	
	24 Apr 2022	44,900	0%	28,500	+14%
South America	01 Jan 2020	10,700		5,800	
	24 Apr 2022	10,000	-7%	5,900	-2%
Asia	01 Jan 2020	74,900		35,000	
	24 Apr 2022	47,000	-37%	20,800	-41%
Caribbean	01 Jan 2020	9,100		6,400	
	24 Apr 2022	8,500	-7%	5,900	-8%
Africa	01 Jan 2020	4,200		1,800	
	24 Apr 2022	3,800	-10%	1,800	0%
North Atlantic	01 Jan 2020	6,800		2,300	
	24 Apr 2022	6,500	-4%	2,300	0%

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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