

# CANSO ATM TRAFFIC ANALYSIS REPORT

MAY 2023

## May shapes up to be busiest month since July 2019

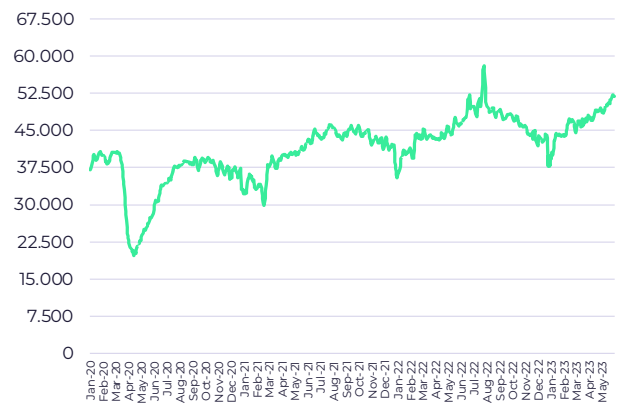
- There were 4.15 million flights operated globally in May 2023. This represents a 21.7 per cent increase on the number of flights in May 2022 and is 31.1 per cent higher than the 3.09 million flights in May 2019.
- May 2023 saw 7.47 million flight hours operated globally. This is a 16.5 per cent increase on the number of flight hours in May 2022 and is 14.8 per cent higher than the 6.5 million flight hours operated in May 2019.

## Crowded skies ahead

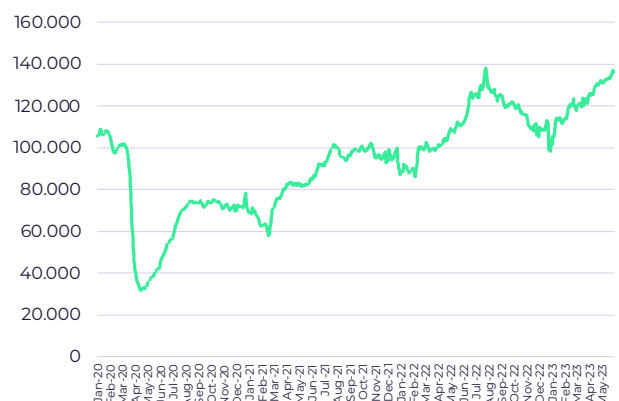
May 2023 was the busiest month in the skies since July 2019, with an average 133,800 flights and 240,900 flight hours operated daily. With July normally being the busiest month of any year for air traffic volumes, this bodes well for traffic recovery in 2023.

According to IATA, airline revenue passenger kilometres (RPKs) still remain down from levels in 2019, particularly international RPKs ([IATA Air Passenger Market Analysis](#)). However recovery in domestic traffic, recovery in short haul and single aisle narrow body traffic, and growth in general and business aviation mean that today's skies are busier than the year before COVID-19 knocked the industry's growth trajectory on its heels.

AVERAGE UNIQUE AIRCRAFT



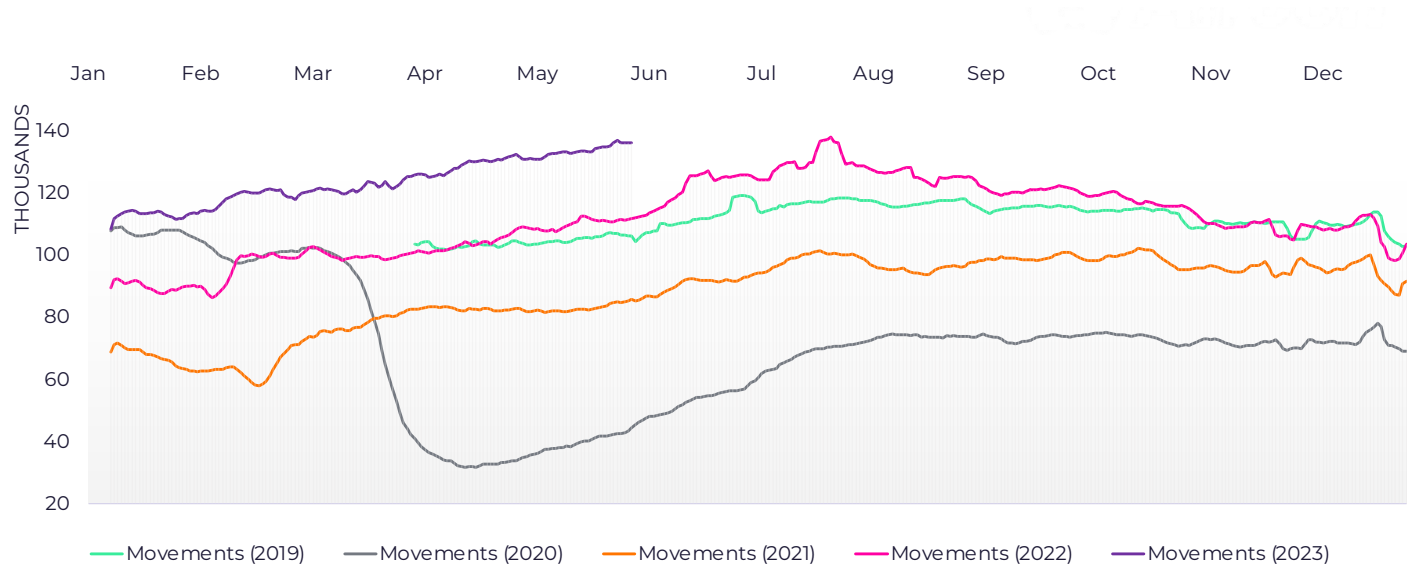
AVERAGE GLOBAL FLIGHTS



AVERAGE GLOBAL FLIGHT HOURS

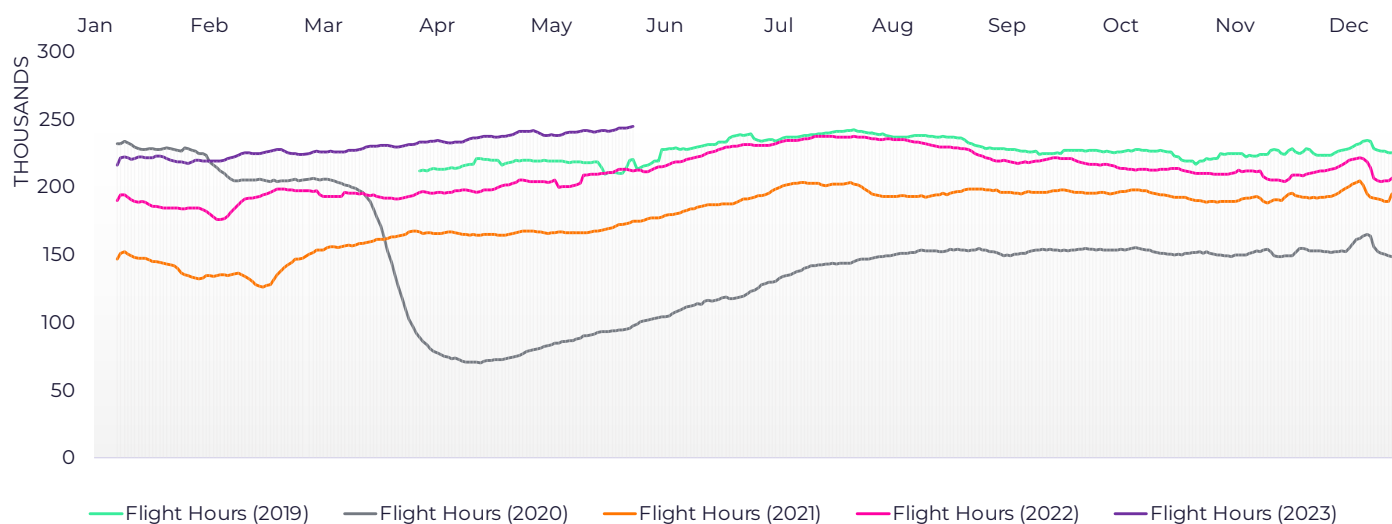


# Global daily flights variation



The rolling 7-day average of global daily flight volumes was consistently up in May, ranging between 130,000 and 137,000 flights daily, well ahead of pre-pandemic levels.

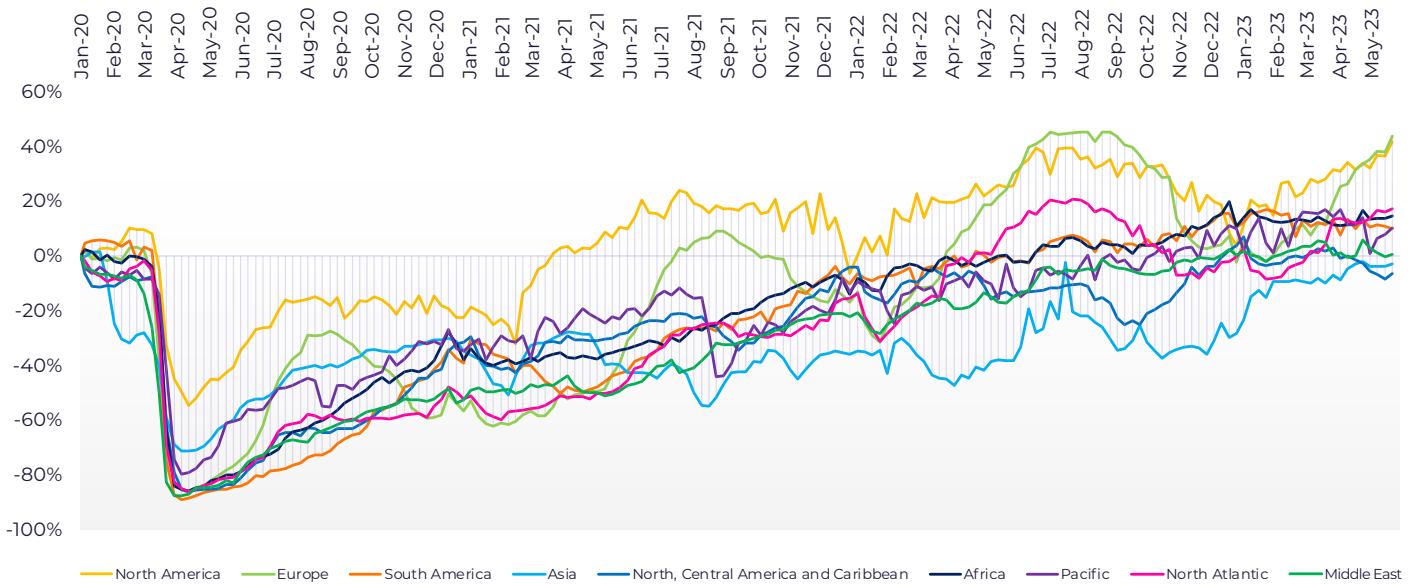
## Daily Flight Hours



Global flight hours are an important metric of ATM workload. A new post pandemic high was set on 26 May when 252,000 flight hours were operated globally, beating the previous high from 28 April 2023.

Daily flight hours in May 2023 ranged between 233,000 on 14 May and 252,000 on 26 May 2023.

# Per cent change in movements by region



Seasonal growth in the large aviation markets of North America and Europe in May contributed to the climb in daily traffic. Other regions were relatively unchanged month over month with some decline seen in Central America and the Caribbean.

## Tracking the recovery: Flights and flight hours by region

	Dates	Average daily flight hours	Per cent change	Average daily movements	Per cent change
Middle East	1-Jan-2020 21-May-2023	7,400 9,600	+30%	6,100 6,200	+2%
North America	1-Jan-2020 21-May-2023	67,400 81,100	+20%	38,000 53,900	+42%
Europe	1-Jan-2020 21-May-2023	44,700 49,400	+11%	24,900 35,900	+44%
South America	1-Jan-2020 21-May-2023	10,700 10,900	+2%	5,800 6,400	+10%
Asia	1-Jan-2020 21-May-2023	74,900 73,300	-2%	35,000 34,000	-3%
Caribbean	1-Jan-2020 21-May-2023	9,100 8,500	-7%	6,400 6,000	-6%
Africa	1-Jan-2020 21-May-2023	4,200 4,700	+12%	1,800 2,100	+17%
North Atlantic	1-Jan-2020 21-May-2023	6,800 7,600	+12%	2,300 2,700	+17%

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## 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.

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## ABOUT CANSO

The Civil Air Navigation Services Organisation (CANSO) is the global voice of air traffic management. CANSO Members support almost 90 per cent 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](https://canso.org).

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## 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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