

# CANSO ATM TRAFFIC ANALYSIS REPORT

SEPTEMBER 2023

## September air traffic volumes level-off

- There were approximately 4.32 million flights operated globally in September 2023. This represents a nearly 13.3 percent increase on the number of flights in September 2022 and is 20 percent higher than the 3.44 million flights in September 2019.
- September 2023 saw 7.78 million flight hours operated globally. This is a 12.26 percent increase on the number of flight hours in September 2022 and is 12.68 percent higher than the 6.796 million flight hours operated in September 2019.

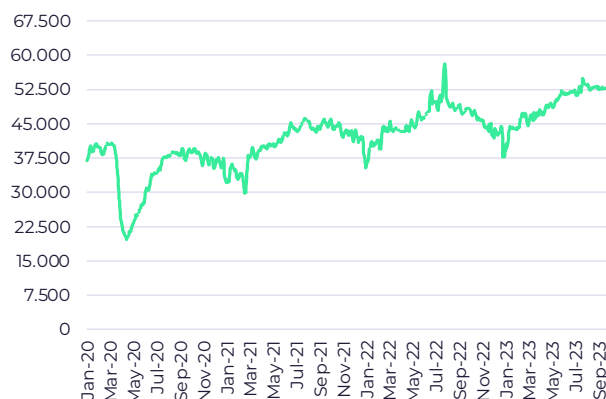
## Slight reduction of flight hours and total movements

Global number of operated flights and the global number of flight hours show operations declined just slightly in September which is normal as the Northern Hemisphere summer comes to an end.

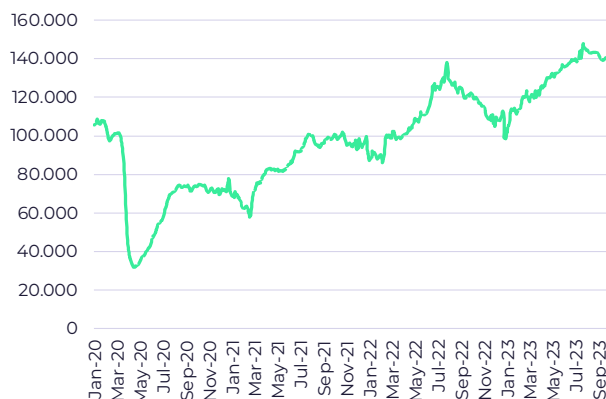
With an average of 144,083 flights and 259,435 flight hours daily in September, global traffic was still up significantly year on year from September 2022.

Year on year growth continues to be driven in large part by the Asia Pacific region which was still in early stages of its traffic recovery in summer 2022.

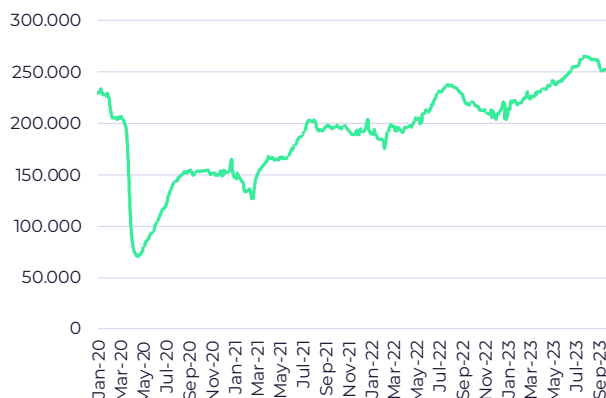
AVERAGE UNIQUE AIRCRAFT



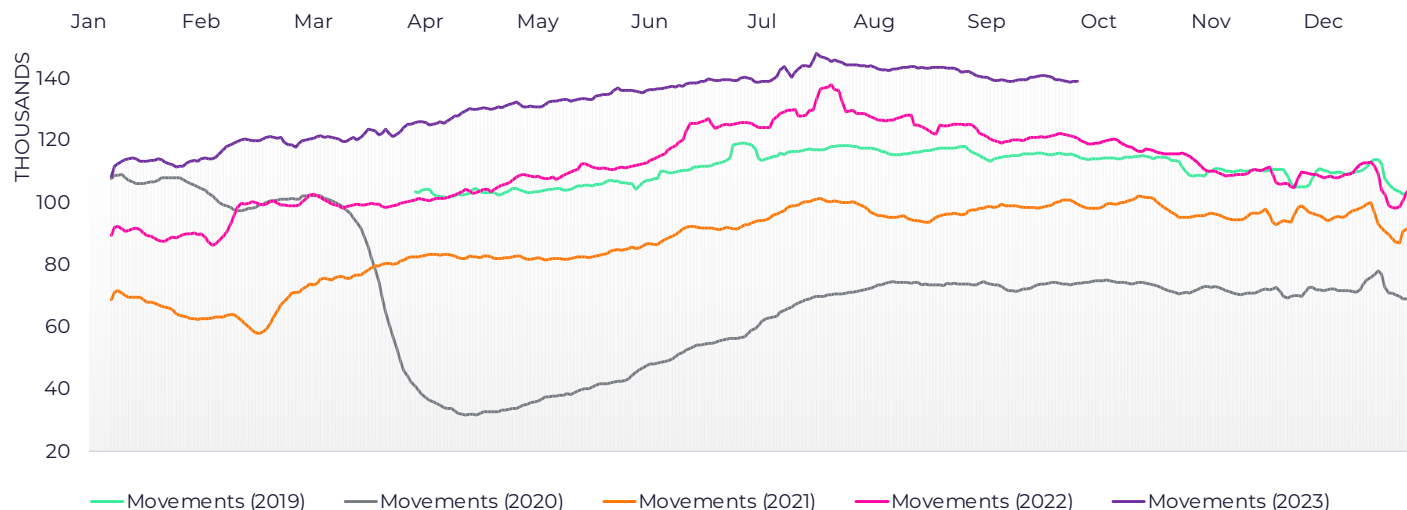
AVERAGE GLOBAL FLIGHTS



AVERAGE GLOBAL FLIGHT HOURS

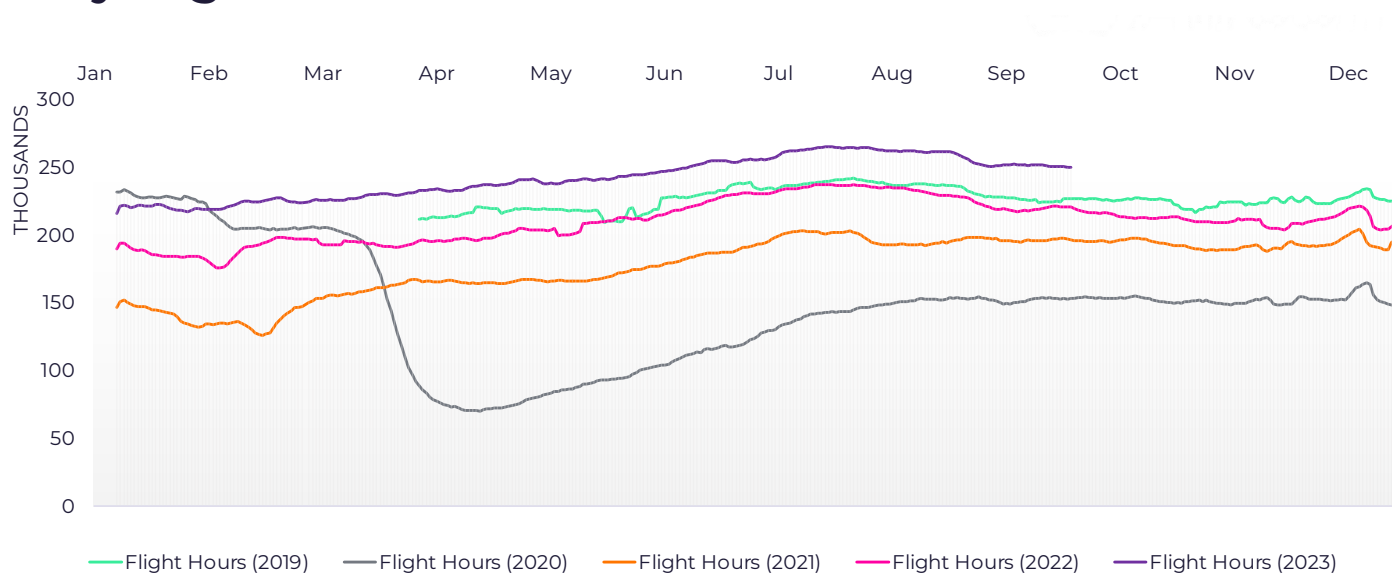


# Global daily flights variation



The rolling 7-day average of global daily flight volumes stayed near 140,000 flights daily in September.

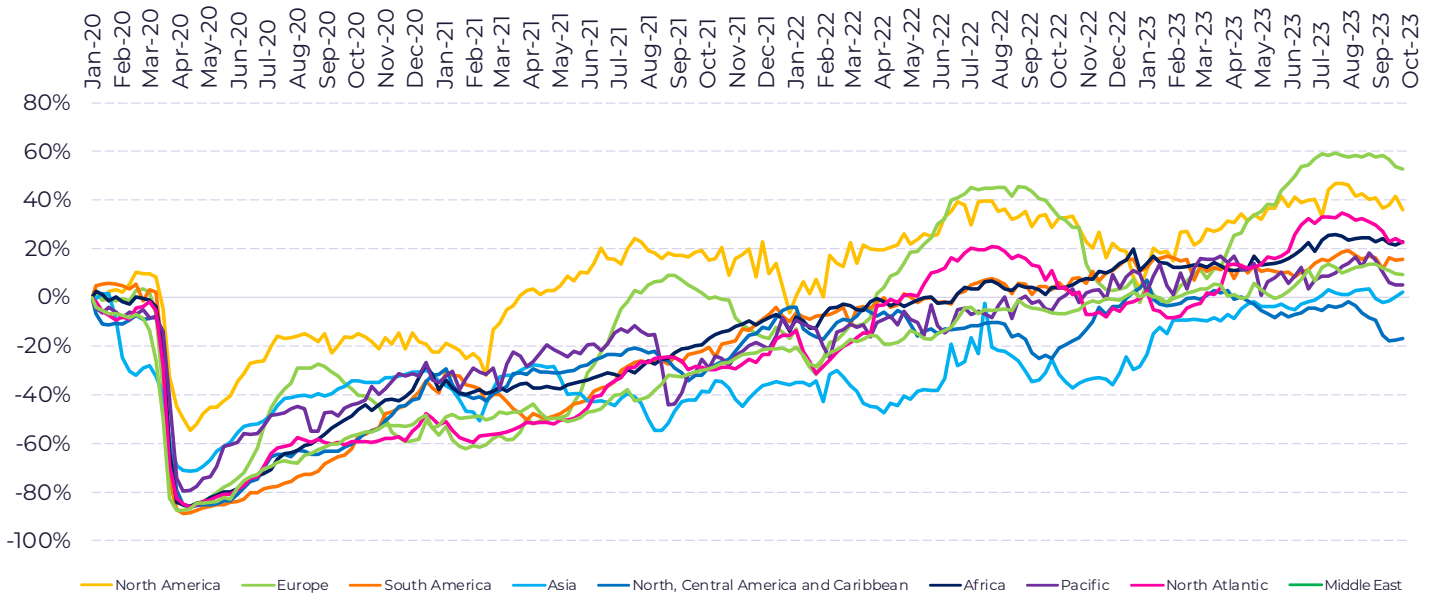
# Daily Flight Hours



Global flight hours are an important metric of ATM workload. In September, global flight hours receded slightly from their mid-July through August highs.

Daily flight hours in September 2023 stayed just above 250,000.

## Per cent change in movements by region



All regions continued to experience higher traffic in September 2023 than in September 2022. However, traffic in nearly all markets levelled-off throughout September with a few, like the North, Central American and Caribbean region starting to trend downwards as the Northern Hemisphere summer comes to an end.

## Year over Year growth in Flights and Flight Hours by Region

	Dates	Average daily flight hours	Per cent change	Average daily movements	Per cent change
Middle East	25-Sep-2022	9,000	14%	5,700	18%
	24-Sep-2023	10,300		6,700	
North America	25-Sep-2022	75,500	8%	48,900	6%
	24-Sep-2023	81,300		51,700	
Europe	25-Sep-2022	50,900	0%	34,100	12%
	24-Sep-2023	51,100		38,100	
South America	25-Sep-2022	10,200	13%	6,000	12%
	24-Sep-2023	11,500		6,700	
Asia	25-Sep-2022	57,200	35%	26,100	37%
	24-Sep-2023	77,300		35,800	
Caribbean	25-Sep-2022	6,900	10%	4,800	10%
	24-Sep-2023	7,600		5,300	
Africa	25-Sep-2022	4,200	19%	1,900	21%
	24-Sep-2023	5,000		2,300	
North Atlantic	25-Sep-2022	7,200	10%	2,500	12%
	24-Sep-2023	7,900		2,800	

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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. While some 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 information, please 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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