

CANSO ATM TRAFFIC ANALYSIS REPORT

FIRST QUARTER 2025

Strong air traffic trends for Q1 2025

- The first quarter had 4.1 million flights in January, 4.2 million flights in February and 4.3 million flights in March. Total flight numbers for the 3-month period were up 5.7 percent over the same three months in 2024.
- Q1 2025 saw an increase in flight hours operated globally to 7.61 million in January, 7.66 million in February and 7.65 million in March. This is 3.2 percent higher than the number of flight hours in the same three-month period of 2024.

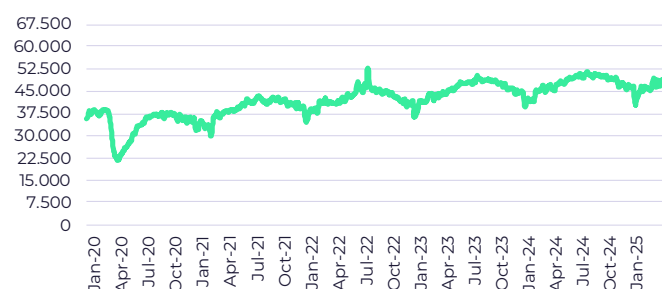
Higher volumes in the skies

The upwards trajectory of air traffic volumes continued in the first three months of 2025 with global flights and flight hours up consistently over the previous year.

Global flights were up 8.2 percent in January, 4.5 percent in February, and 4.7 percent in March over the same month in 2024.

Global flight hours were up 5.3 percent in January, 3 percent in February and 1.5 percent in March over the corresponding month in 2024.

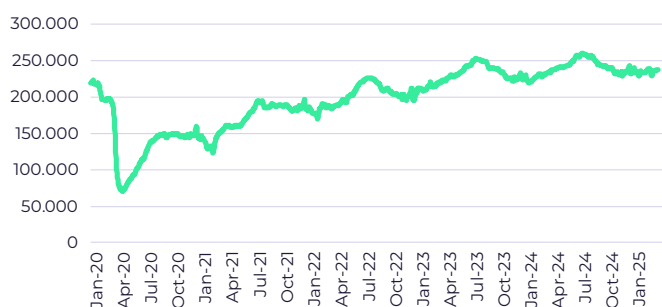
AVERAGE UNIQUE AIRCRAFT



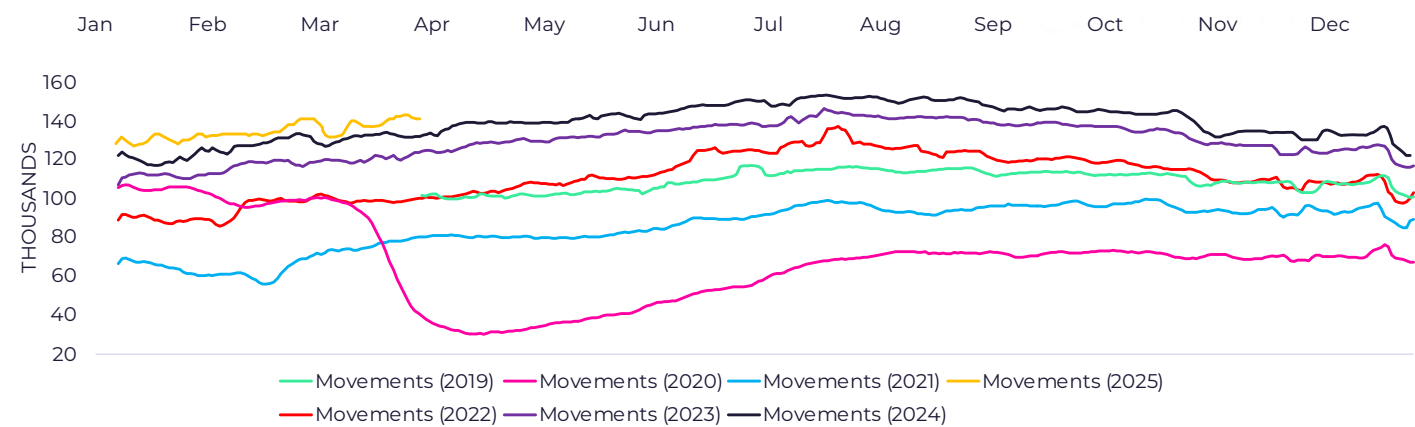
AVERAGE GLOBAL FLIGHTS



AVERAGE GLOBAL FLIGHT HOURS

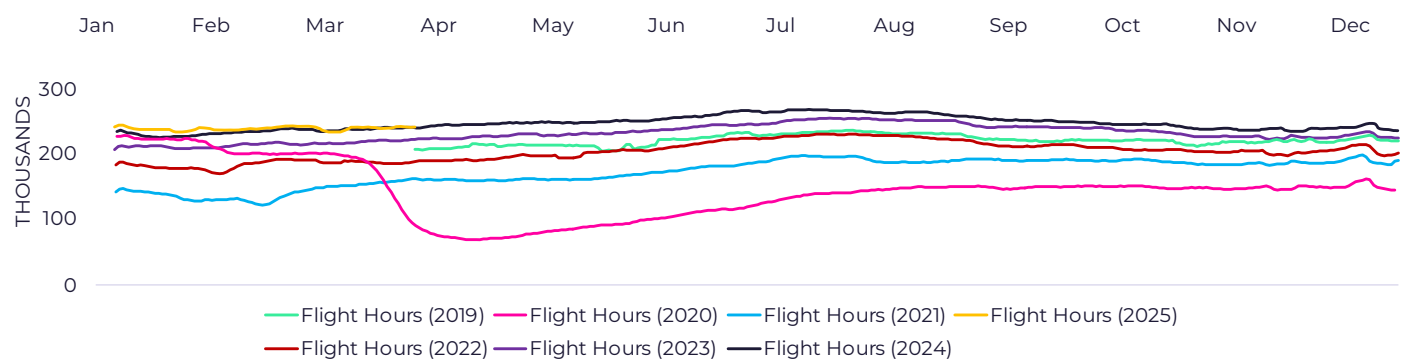


Global daily flights variation



The rolling 7-day average of global daily flight volumes stayed between 128,000 and 143,000 flights daily in the Q1 of 2025.

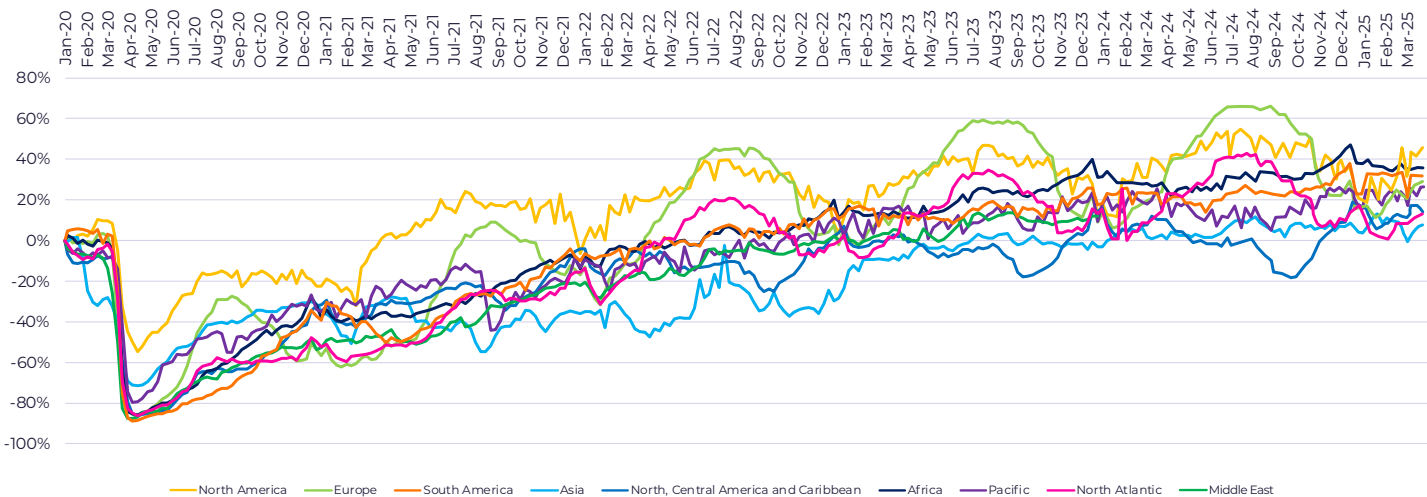
Daily Flight Hours



Global flight hours are an important metric of ATM workload. The new daily post pandemic high occurred on July 18, 2024, when over 276,000 flight hours were operated globally.

In Q1, of 2025 daily flight hours ranged between 222,000 to 258,000 flight hours.

Percent change in flights per region



Q1 2025 saw year over year growth for all regions, except for the North Atlantic where traffic volumes remained constant with 2024. The most significant growth in traffic occurred in South America, which had double digit increase in flight volumes year over year in the final week of March. Strong traffic volume growth was also seen in North America and Asia.

Year over Year growth in Flights and Flight Hours by Region

	Dates	Average daily flight hours	Percent change	Average daily movements	Percent change
Middle East	24-Mar-2024 23-Mar-2025	11,000 11,300	3%	7,100 7,200	1%
North America	24-Mar-2024 23-Mar-2025	78,200 79,800	2%	52,000 56,100	8%
Europe	24-Mar-2024 23-Mar-2025	44,400 43,300	-2%	30,900 32,600	6%
South America	24-Mar-2024 23-Mar-2025	11,800 13,700	16%	6,800 7,700	13%
Asia	24-Mar-2024 23-Mar-2025	78,200 81,000	4%	36,000 38,400	7%
Caribbean	24-Mar-2024 23-Mar-2025	10,100 10,600	5%	7,000 7,400	6%
Africa	24-Mar-2024 23-Mar-2025	5,100 5,400	6%	2,400 2,500	4%
North Atlantic	24-Mar-2024 23-Mar-2025	7,500 7,500	0%	2,600 2,600	0%

ABOUT THE ATM REPORT

The ATM Report is issued quarterly 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 include 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 is the global voice of air traffic management. CANSO Members and Associate 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.

