

CANSO ATM TRAFFIC ANALYSIS REPORT

FOURTH QUARTER 2024

2024 ends with solid air traffic volumes

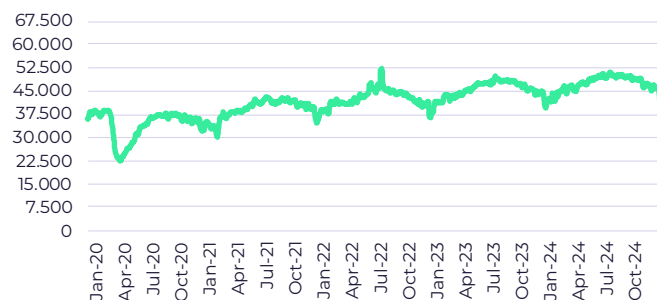
- The fourth quarter of 2024 had 4.48 million flights in October, 4.18 million in November and 4.12 million in December. Total flight numbers for the 3-month period were up 6.3 per cent over the same three months in 2023.
- Q4 2024 saw an increase in flight hours operated globally to 7.77 million in October, 7.55 million in November and 7.66 million in December. That is 3.1 per cent higher than the number of flight hours in the same three-month period of 2023.

Year over year growth healthy

Global flights grew by 3.2 percent in 2024 over 2023. Global air traffic flight hours grew by 0.5 per cent in 2024 over 2023.

The overall system continues to absorb year over year growth.

AVERAGE UNIQUE AIRCRAFT



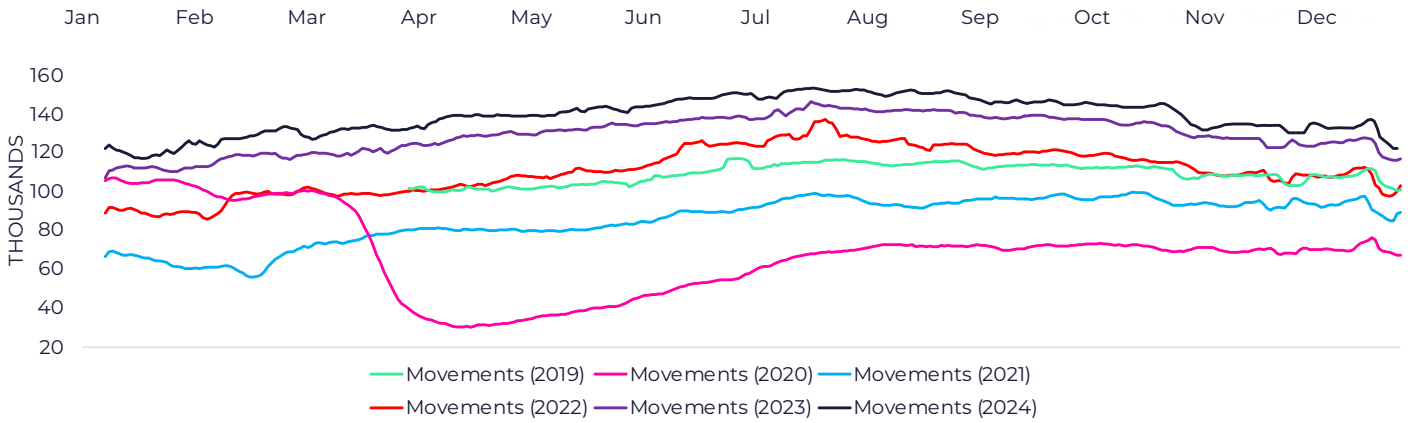
AVERAGE GLOBAL FLIGHTS



AVERAGE GLOBAL FLIGHT HOURS

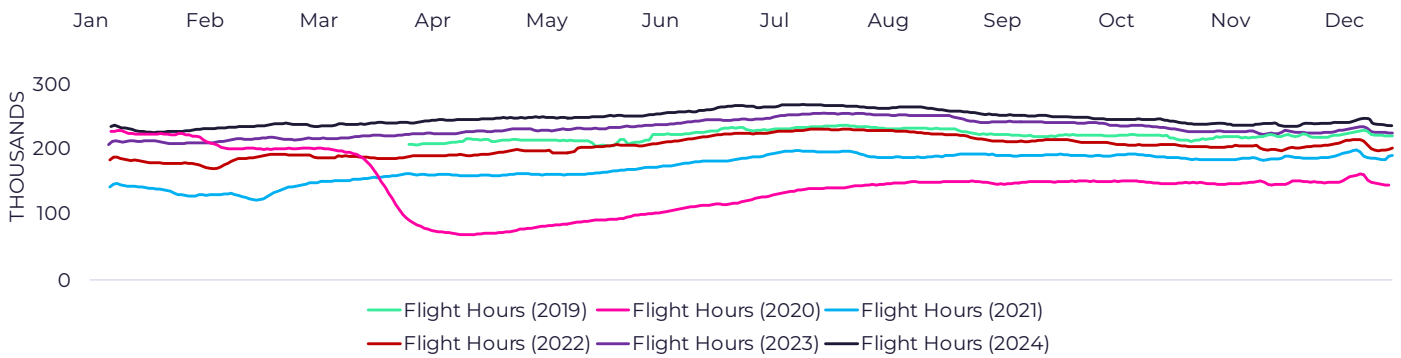


Global daily flights variation



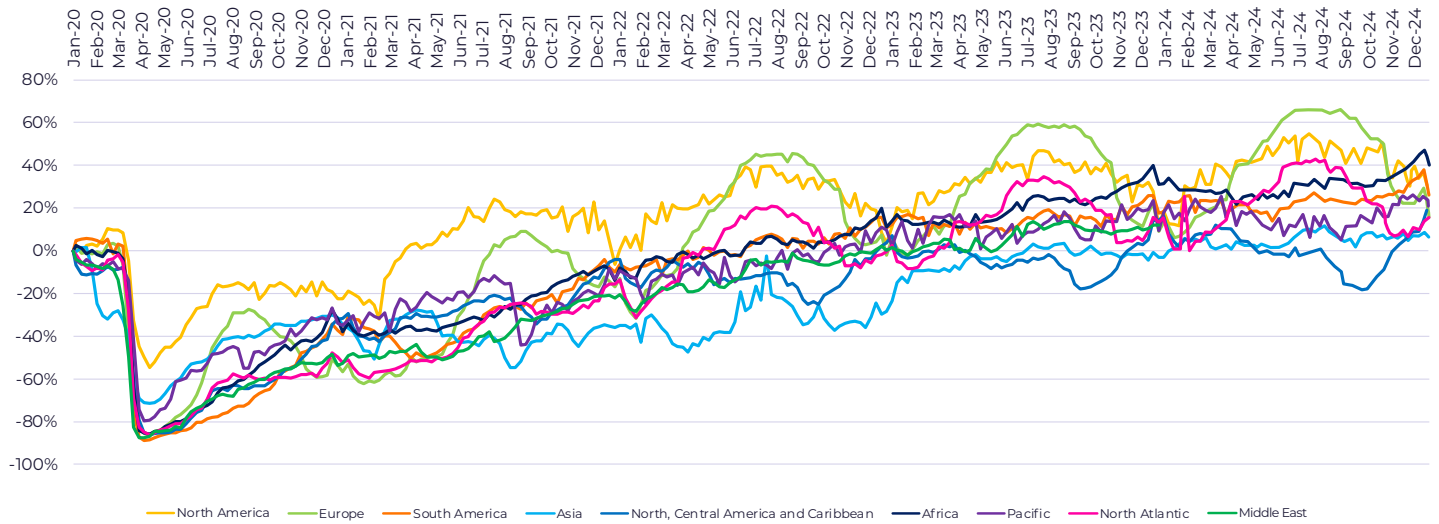
The rolling 7-day average of global daily flight volumes stayed between 125,000 and 147,000 flights daily in the fourth quarter of 2024.

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 globally operated. In Q4, daily flight hours ranged between 240,000 flight hours to 252,000 hours.

Percent change in flights per region



Strong traffic volumes were seen in Africa and South America. Seasonal declines occurred in Europe and to a lesser extent in North America, but traffic in those regions remained ahead of 2023. Q4 2024 saw year over year growth for all regions, except for the North Atlantic which saw no growth or reduction in flight volumes. Asia had the strongest year over year growth with a nine per cent increase, with all other regions seeing between a five-eight per cent increase.

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-Dec-2023 22-Dec-2024	10,600 11,500	8%	6,900 7,300	6%
North America	24-Dec-2023 22-Dec-2024	70,000 72,300	3%	42,400 44,600	5%
Europe	24-Dec-2023 22-Dec-2024	42,500 42,100	-1%	27,200 28,600	5%
South America	24-Dec-2023 22-Dec-2024	12,100 13,200	9%	6,800 7,300	7%
Asia	24-Dec-2023 22-Dec-2024	76,300 81,100	6%	34,000 37,200	9%
Caribbean	24-Dec-2023 22-Dec-2024	10,600 11,100	5%	7,300 7,700	5%
Africa	24-Dec-2023 22-Dec-2024	5,300 5,600	6%	2,400 2,600	8%
North Atlantic	24-Dec-2023 22-Dec-2024	7,200 7,600	6%	2,600 2,600	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 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.

