

CANSO ATM TRAFFIC ANALYSIS REPORT

DECEMBER 2023

2023 ends with solid air traffic volumes

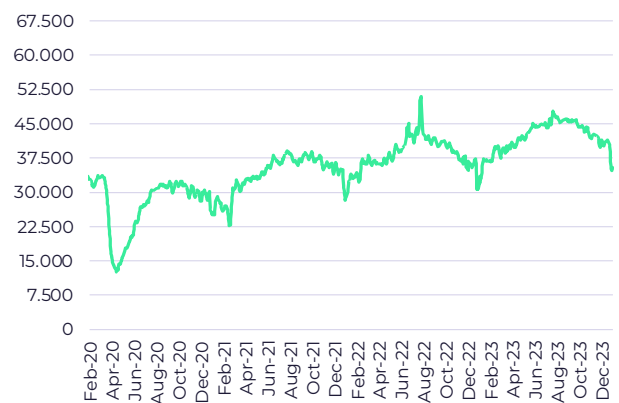
- There were approximately 3.85 million flights operated globally in December 2023. This represents a 16.2 per cent increase on the number of flights in December 2022, and is 17.7 per cent higher than the 3.27 million flights in December 2019.
- December 2023 saw 7.36 million flight hours operated globally. This is an 11.7 per cent increase on the number of flight hours in December 2022, and is 7.6 per cent higher than the 6.84 million flight hours operated in December 2019.

Year over year growth healthy

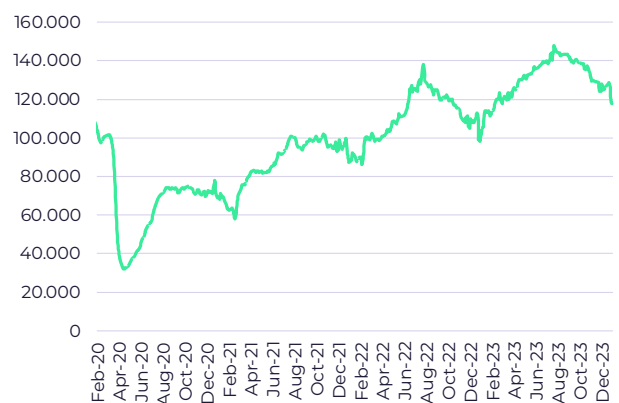
Global air traffic flight hours grew by 13.8 percent in 2023 over 2022.

The overall system continues to absorb substantial year over year growth. While commercial passenger volumes are now approaching pre-pandemic levels of 2019 globally, the number of flights and flight hours have already exceeded 2019, in part due to activity growth in segments outside of commercial passenger flights.

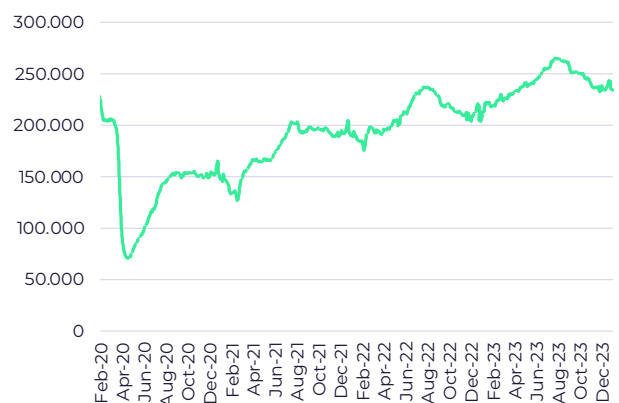
AVERAGE UNIQUE AIRCRAFT



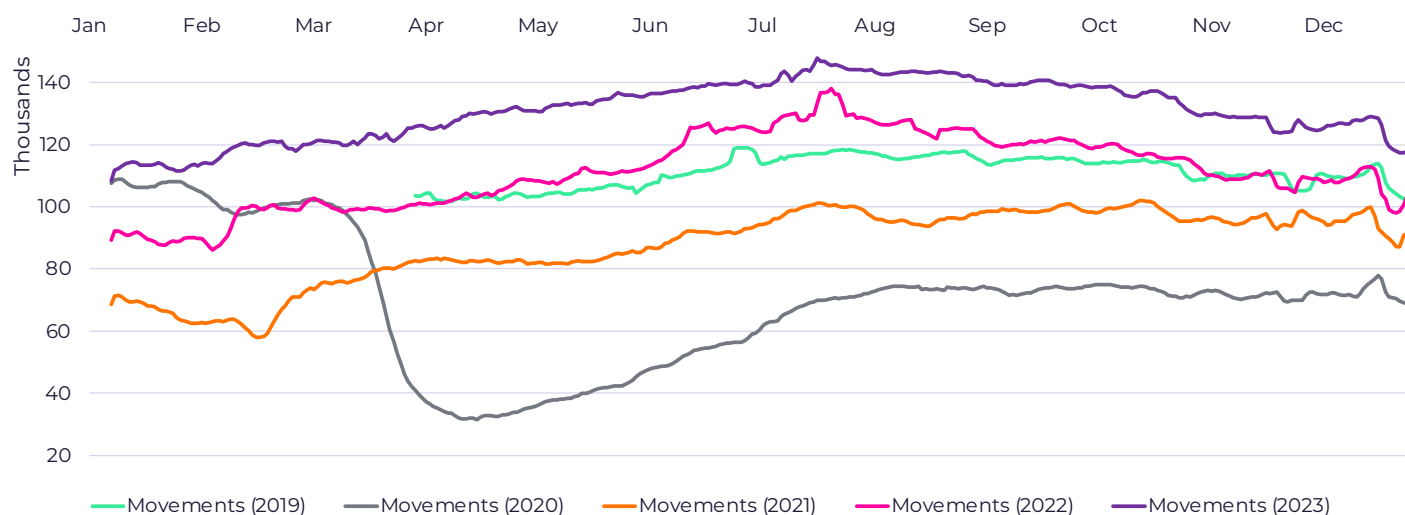
AVERAGE GLOBAL FLIGHTS



AVERAGE GLOBAL FLIGHT HOURS

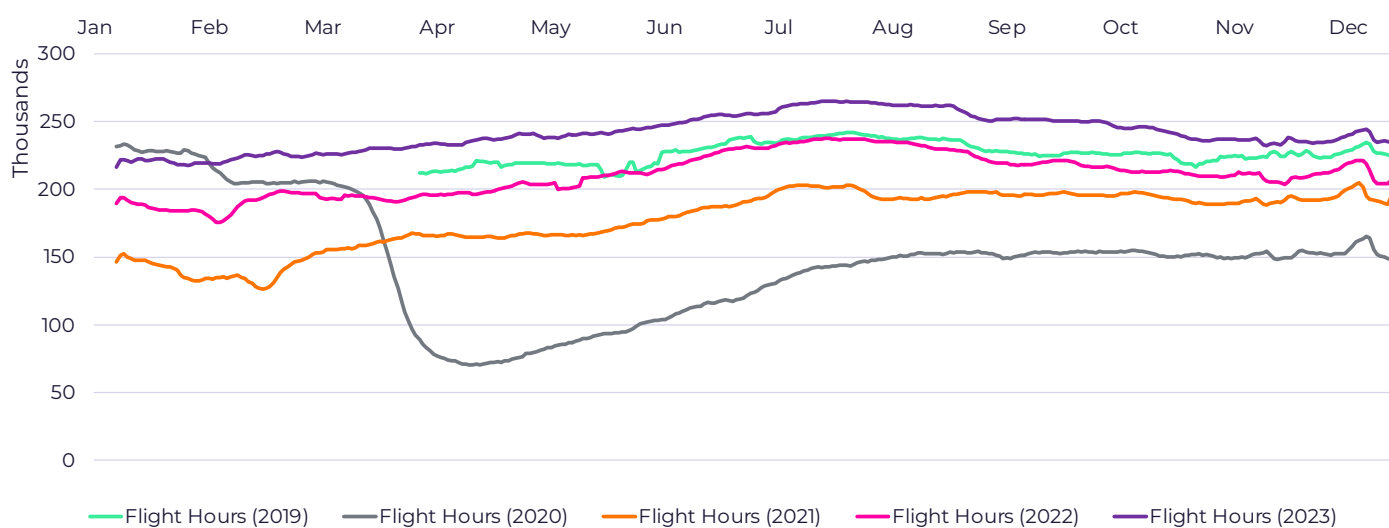


Global daily flights variation



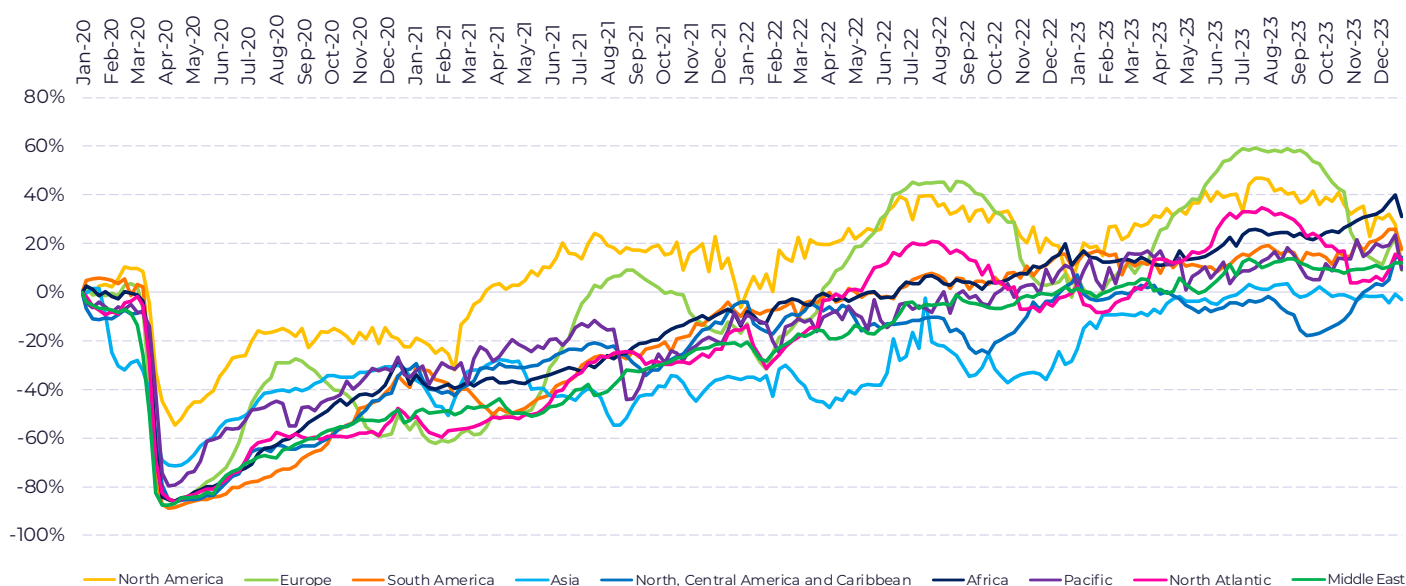
The rolling 7-day average of global daily flight volumes stayed between 128,000 and 117,000 flights daily in December.

Daily Flight Hours



Global flight hours are an important metric of ATM workload. The daily post pandemic high was set on July 28, 2023 when 269,000 flight hours were operated globally. In December daily flight hours ranged between 244,000 and 234,000 hours.

Per cent change in movements by region



Flight volumes in Africa, South America and Central America and the Caribbean hit post pandemic highs in December 2023 as several southern hemisphere markets enter their peak traffic season. Asia remains the only region in which air traffic volumes remain slightly lower than 2019.

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-Dec-2022	9,900	7%	6,100	13%
	24-Dec-2023	10,600		6,900	
North America	25-Dec-2022	65,000	8%	39,400	8%
	24-Dec-2023	70,000		42,400	
Europe	25-Dec-2022	41,600	2%	24,400	11%
	24-Dec-2023	42,500		27,200	
South America	25-Dec-2022	11,200	8%	6,400	6%
	24-Dec-2023	12,100		6,800	
Asia	25-Dec-2022	58,500	30%	25,100	35%
	24-Dec-2023	76,300		34,000	
Caribbean	25-Dec-2022	9,700	9%	6,600	11%
	24-Dec-2023	10,600		7,300	
Africa	25-Dec-2022	4,400	20%	2,000	20%
	24-Dec-2023	5,300		2,400	
North Atlantic	25-Dec-2022	6,500	11%	2,300	13%
	24-Dec-2023	7,200		2,600	

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 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.



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.

