

CANSO ATM TRAFFIC ANALYSIS REPORT

AUGUST 2023

August air traffic volumes remain consistently high

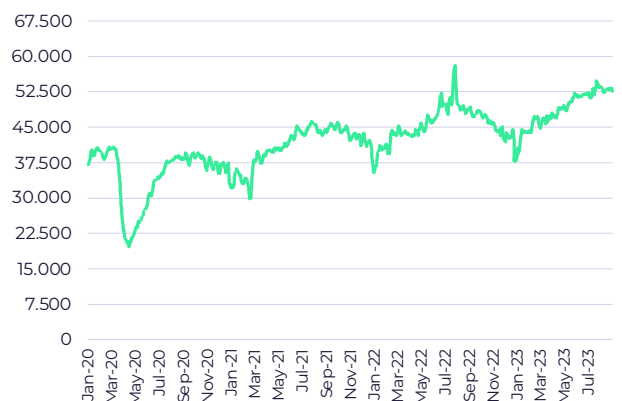
- There were approximately 4.44 million flights operated globally in August 2023. This represents a 14.1 per cent increase in the number of flights in August 2022 and is 26.3 per cent higher than the 3.5 million flights in August 2019.
- August 2023 saw 8.11 million flight hours operated globally. This is a 12.6 per cent increase in the number of flight hours in August 2022 and is 13.7 per cent higher than the 7.13 million flight hours operated in August 2019.

Consistent for second consecutive month

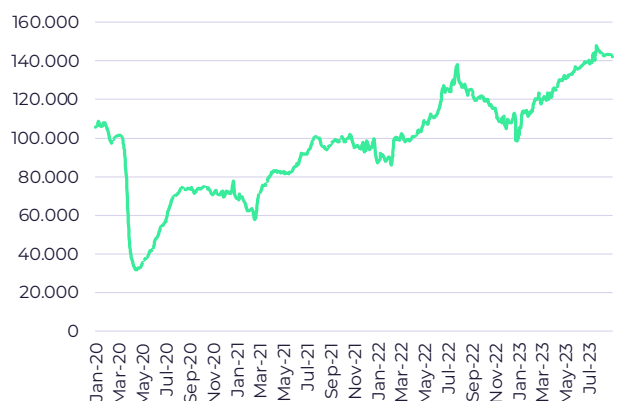
The number of flights and flight hours operated globally in August remained consistently high as the northern hemisphere wrapped its busy summer travel season.

With an average of 143,180 flights and 261,500 flight hours daily in August, global traffic was largely level with volumes in July 2023 and up significantly year on year from August 2022.

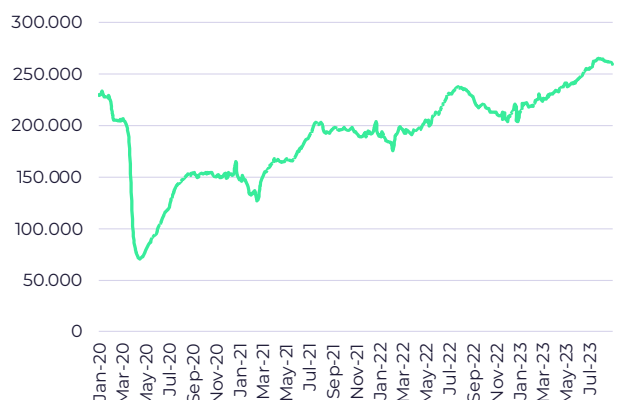
AVERAGE UNIQUE AIRCRAFT



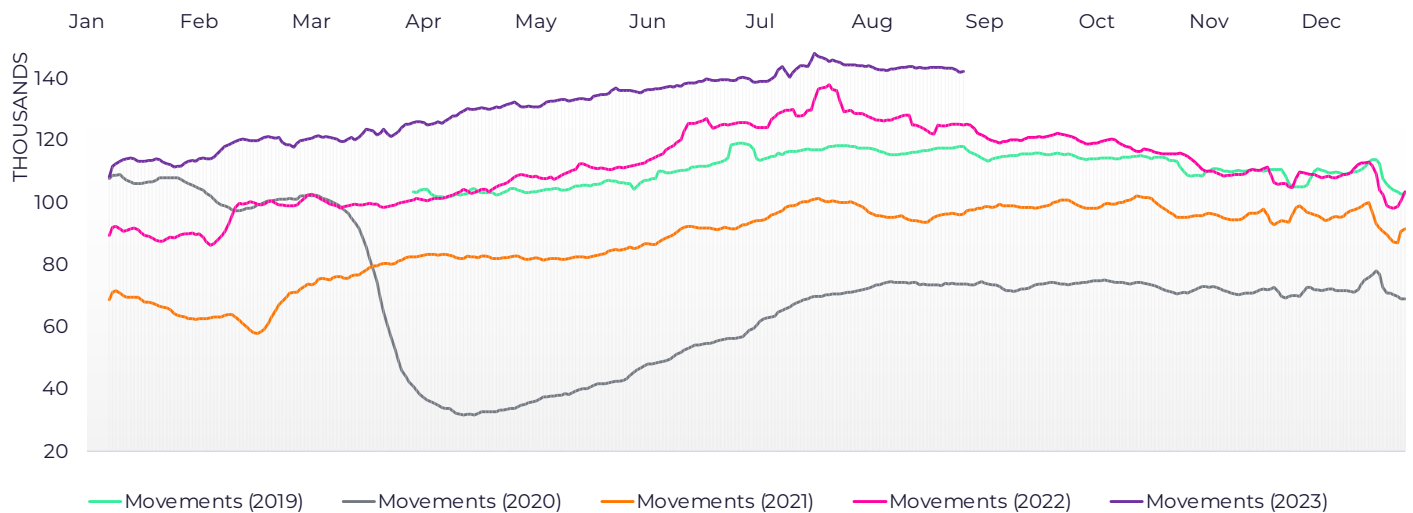
AVERAGE GLOBAL FLIGHTS



AVERAGE GLOBAL FLIGHT HOURS

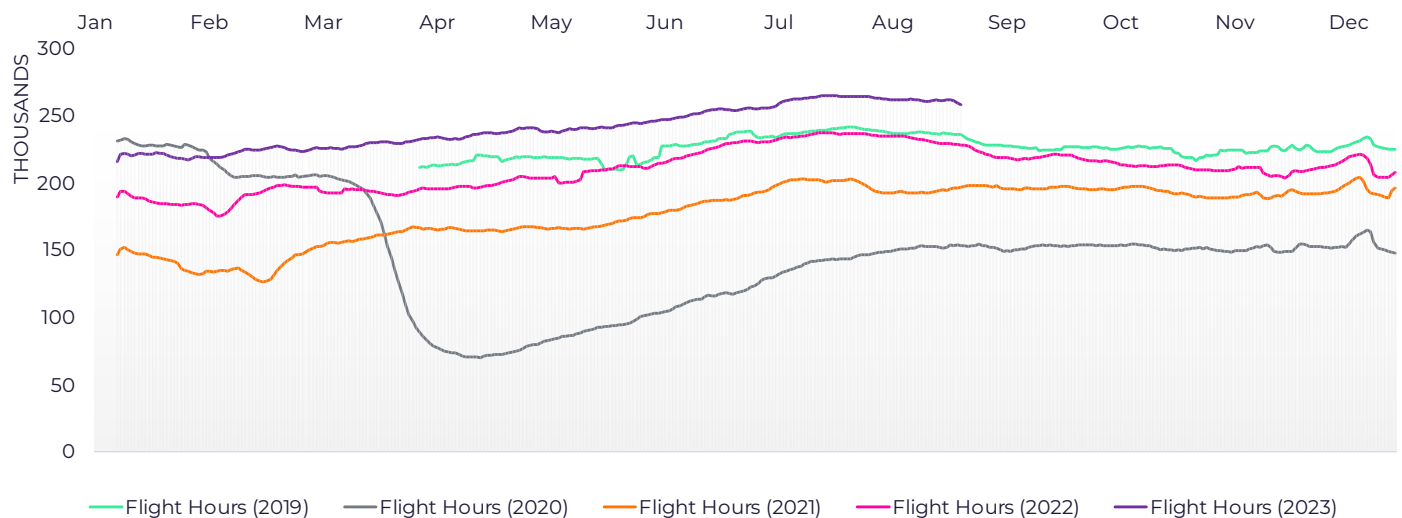


Global daily flights variation



The rolling 7-day average of global daily flight volumes stayed between 139,000 and 145,000 flights daily in August.

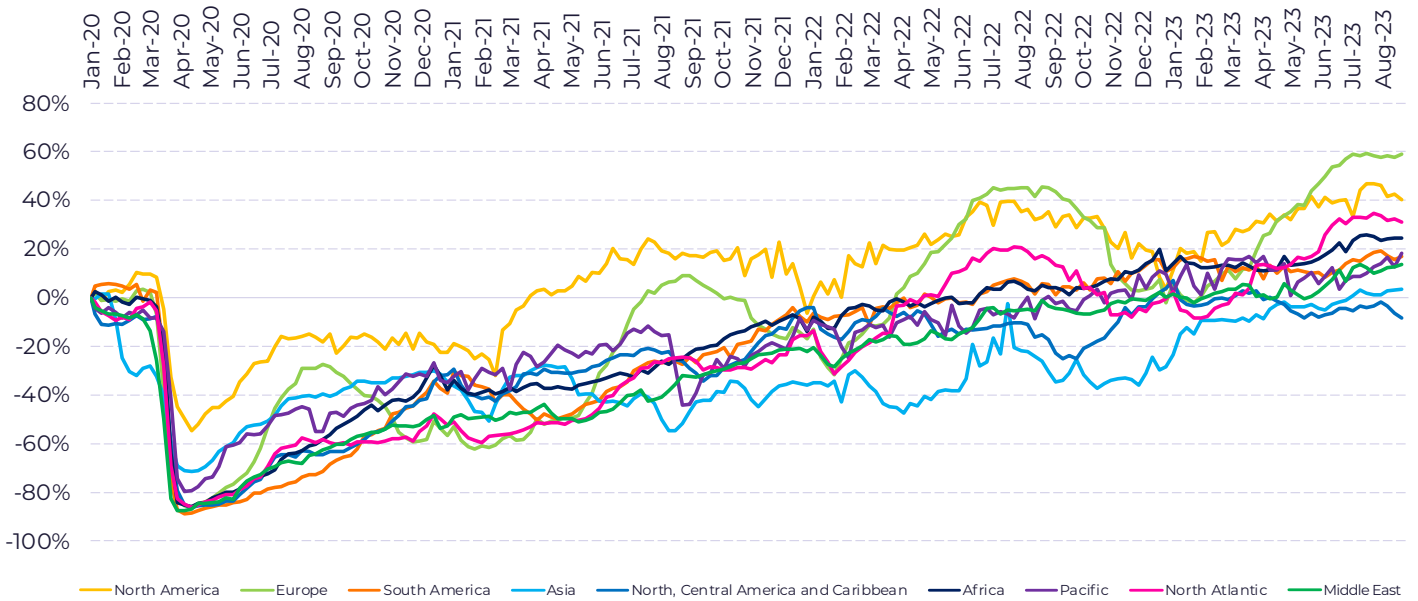
Daily Flight Hours



Global flight hours are an important metric of ATM workload. Last month, a new daily post-pandemic high was set on 28 July when 269,000 flight hours were operated globally. In August, global flight hours remained high once again.

Daily flight hours in August 2023 stayed consistently above 250,000.

Per cent change in movements by region



All regions had higher traffic in August 2023 than in August 2022 with year-on-year traffic increases ranging from 5 to 40 per cent. Traffic in key Asia-Pacific and European markets inched higher in August over July with traffic in the North America declining slightly.

Year over Year growth in Flights and Flight Hours by Region

	Date Week Beginning	Average Daily Flight Hours	Per cent Change + growth in traffic- reduction in traffic	Average Daily Flights	Per cent Change + growth in traffic- reduction in traffic
Middle East	21-Aug-2022 20-Aug-2023	9,500 10,700	+13%	6,000 7,000	+17%
North America	21-Aug-2022 20-Aug-2023	79,600 84,500	+6%	50,700 53,400	+5%
Europe	21-Aug-2022 20-Aug-2023	53,300 54,800	+3%	36,300 39,700	+9%
South America	21-Aug-2022 20-Aug-2023	10,300 11,600	+13%	6,100 6,800	+11%
Asia	21-Aug-2022 20-Aug-2023	57,500 79,500	+38%	26,000 36,300	+40%
Caribbean	21-Aug-2022 20-Aug-2023	7,700 8,300	+8%	5,400 5,800	+7%
Africa	21-Aug-2022 20-Aug-2023	4,200 5,100	+21%	1,900 2,300	+21%
North Atlantic	21-Aug-2022 20-Aug-2023	7,700 8,500	+10%	2,700 3,000	+11%

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.

