

# CANSO ATM Traffic Analysis Report

30 July 2020

## Start of holiday season drives a further increase in air traffic volumes

- The average number of daily flights for the weeks of 12 July and 19 July, 2020 were 68,700 and 70,400 respectively. This represents a decline of 40% from the comparable global daily average in July 2019 when over 117,000 flights operated daily.
- Average daily flight hours for the weeks of 12 July and 19 July, 2020 were 139,900 and 143,000 respectively. That remains 40% less than average global daily flight hours the year prior, when 240,800 flight hours occurred daily.

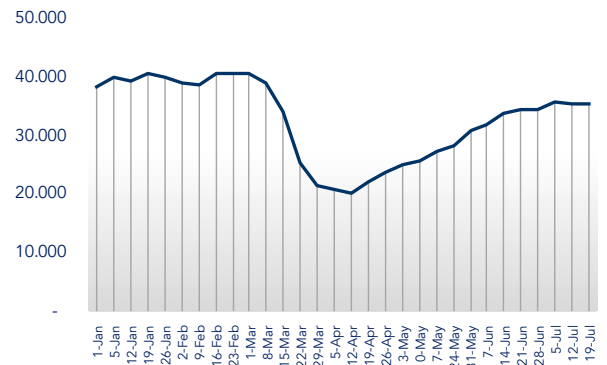
## Global traffic exceeds 50% of 2019 volumes

Global average daily flight numbers increased by 8,000 flights in the past two weeks, continuing to bridge the gap to 2019 volumes. Daily flight numbers of 70,400 represent a 122% increase from the low point of global traffic volumes that was experienced in mid-April.

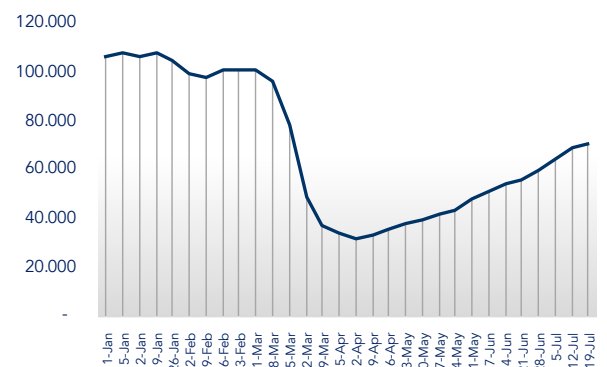
Global daily flight hours have increased by 104% since mid-April, having added 72,700 daily flight hours since that time.

Global surveillance data for the week of 19 July, 2020 indicates that the number of aircraft flying is roughly the same as the previous two week period. An average of 35,400 unique aircraft were operating daily the week of 19 July. That is 14% fewer than the number of aircraft operating daily one year earlier. Therefore, while the number of aircraft flying has not increased, those that are taking to the skies are making more trips and flying more hours.

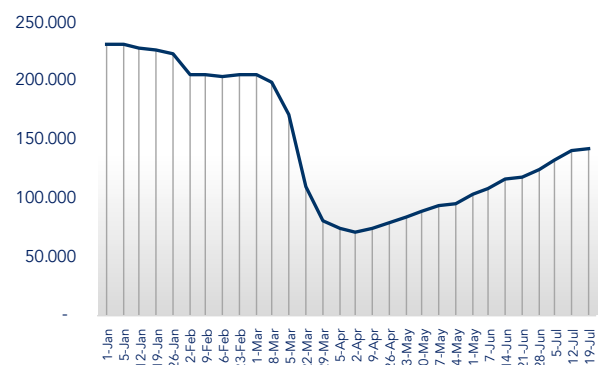
### Average unique aircraft



### Average global flights

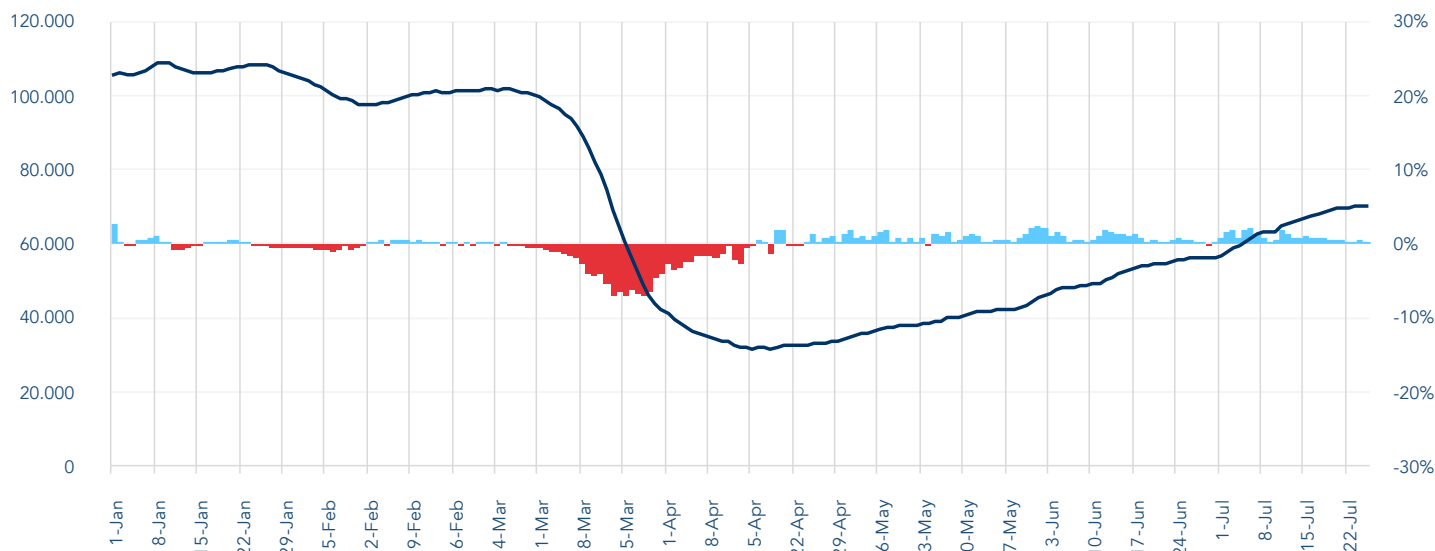


### Average global flight hours



# Global daily flights variation

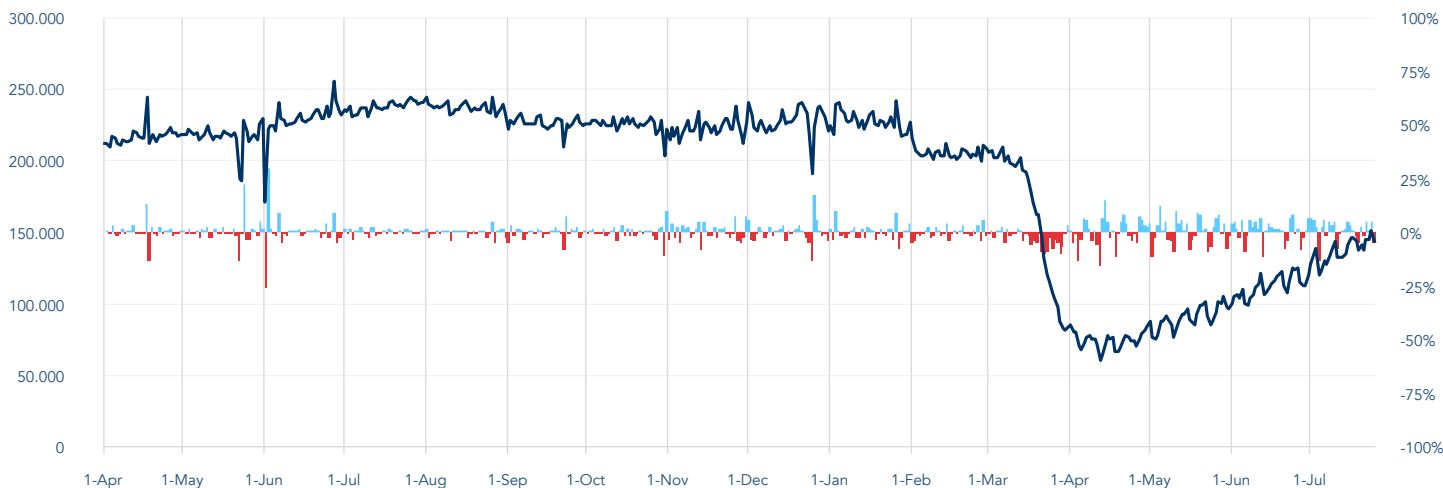
## Rolling 7-day average of daily flights



The increase in aircraft movements we've seen in the past week varies greatly between the regions. The biggest increase has been witnessed in Asia with 2,030 more flights, followed by Europe which has seen an increase of 2,000 and North America which added a further 1,200 daily flights.

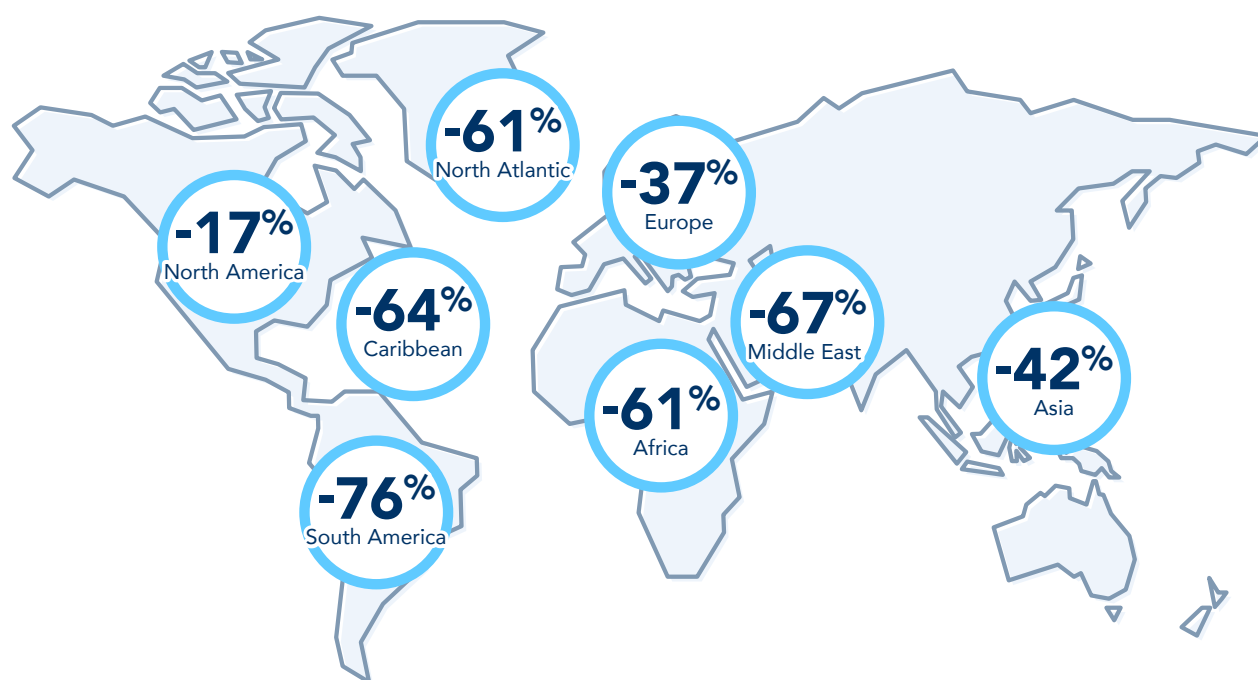
## Daily flight hours

### Flight hours since April 2019 with percentage of day-to-day variability



Daily flight hours, an important metric of ATM workload, continue to increase, however it is still significantly lower than pre pandemic levels. 143,600 hours were flown globally on 10 July, 2020 compared to a daily average of 250,000 daily flight hours the year prior. That represents the highest level of daily flight hours in sixteen weeks.

## Regional traffic brief



Whilst global traffic levels continue to increase, intercontinental flights are still significantly lower than 2019 levels. For example, North Atlantic flights are still 61% below normal levels. Other regions that continue to see significantly lower traffic levels are South America at -76%, the Middle East with -67%, the Caribbean with -64% and Africa at -61%.

## Average daily flight hours and average daily movements by region

	Dates	Average daily flight hours	Percent change	Average daily movements	Percent change
<b>Middle East</b>	01 Jan 2020	7,400	57%	6,100	67%
	19 Jul 2020	3,200		2,000	
<b>North America</b>	01 Jan 2020	67,400	16%	38,000	17%
	19 Jul 2020	56,800		31,600	
<b>Europe</b>	01 Jan 2020	44,700	36%	24,900	37%
	19 Jul 2020	28,400		15,600	
<b>South America</b>	01 Jan 2020	10,700	75%	5,800	76%
	19 Jul 2020	2,700		1,400	
<b>Asia</b>	01 Jan 2020	74,900	44%	35,000	42%
	19 Jul 2020	41,700		20,400	
<b>Caribbean</b>	01 Jan 2020	9,100	63%	6,400	64%
	19 Jul 2020	3,400		2,300	
<b>Africa</b>	01 Jan 2020	4,200	40%	1,800	61%
	19 Jul 2020	2,500		700	
<b>North Atlantic</b>	01 Jan 2020	6,800	66%	2,300	61%
	19 Jul 2020	2,300		900	

## About the ATM report

The ATM Report is issued bi-weekly 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 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](https://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](https://aireon.com).

