

# CANSO ATM Traffic Analysis Report

16 July 2020

## July sees further increases in air traffic volumes

- The average number of daily flights for the weeks of 28 June and 6 July, 2020 were 59,400 and 64,600 respectively. This represents a decline of 45% from the comparable global daily average in July 2019 when over 116,000 flights operated daily.
- Average daily flight hours for the weeks of 28 June and 6 July, 2020 were 123,800 and 132,600 respectively. That remains 44% less than average global daily flight hours the year prior, when 237,000 flight hours occurred daily.

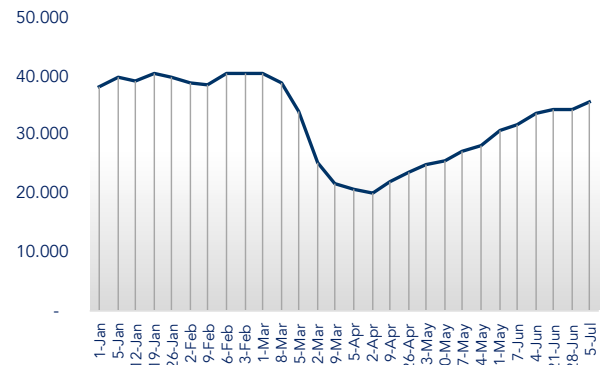
## Global traffic exceeds 50% of 2019 volumes

Global average daily flight numbers increased by 8,400 flights in the past two weeks, bringing air traffic volumes to over 50% of 2019 volumes for the first time since widespread traffic restrictions began being imposed in mid-March in response to the pandemic. Daily flight volumes of 64,600 represent a 104% increase from the low point of global traffic volumes that was experienced in mid-April.

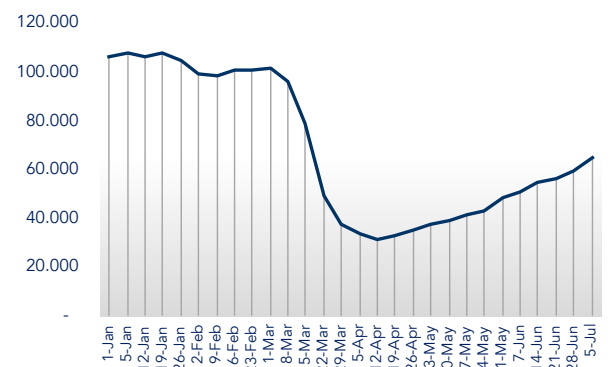
Global daily flight hours in comparison have increased by 89% since mid-April, having added 62,400 daily flight hours since that time.

Global surveillance data for the week of 6 July, 2020 confirms that aircraft continue to return to the skies. An average of 35,600 unique aircraft were operating daily the week of 6 July. That is only 13% fewer than the number of aircraft operating daily one year earlier.

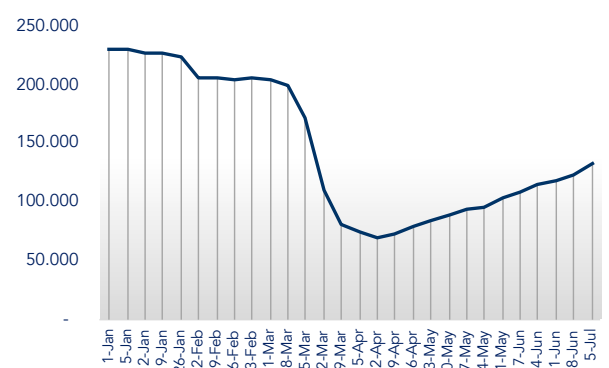
### Average unique aircraft



### Average global flights

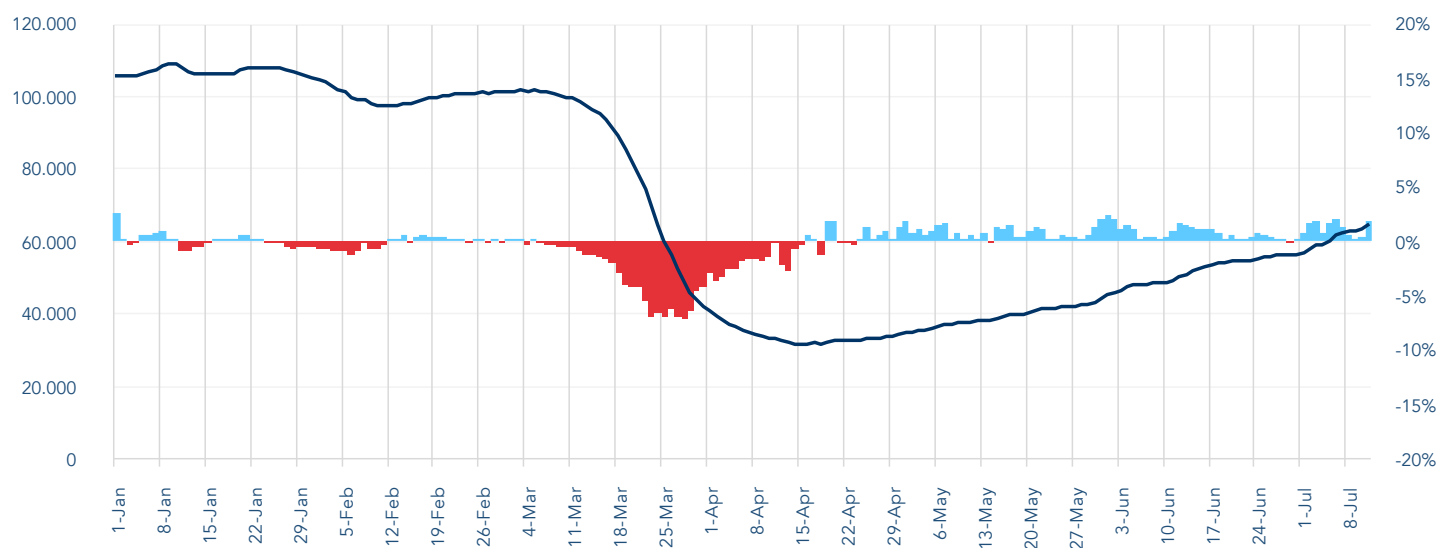


### Average global flight hours



# Global daily flights variation

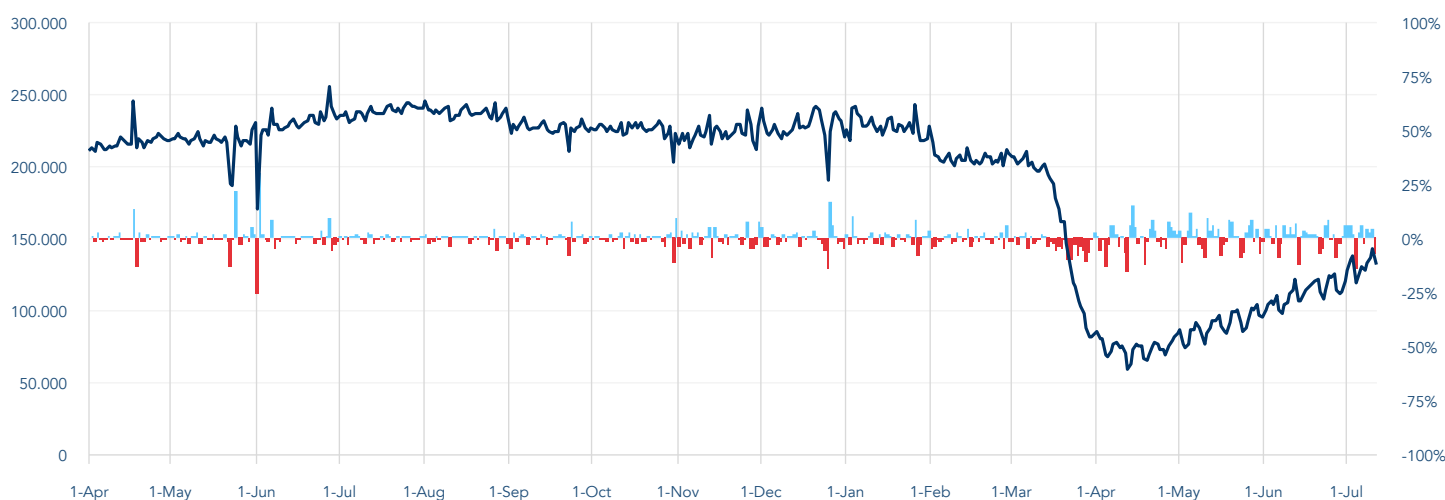
## Rolling 7-day average of daily flights



Small but sustained growth in global air traffic volumes began in late April. The rate of traffic recovery suggests that it will take some time to recover from the precipitous fall off of traffic volumes that occurred in March. It is important to note that the global traffic recovery masks what remains a more variable recovery in regions and within states given that the last month has seen some markets open, only to have restrictions re-imposed.

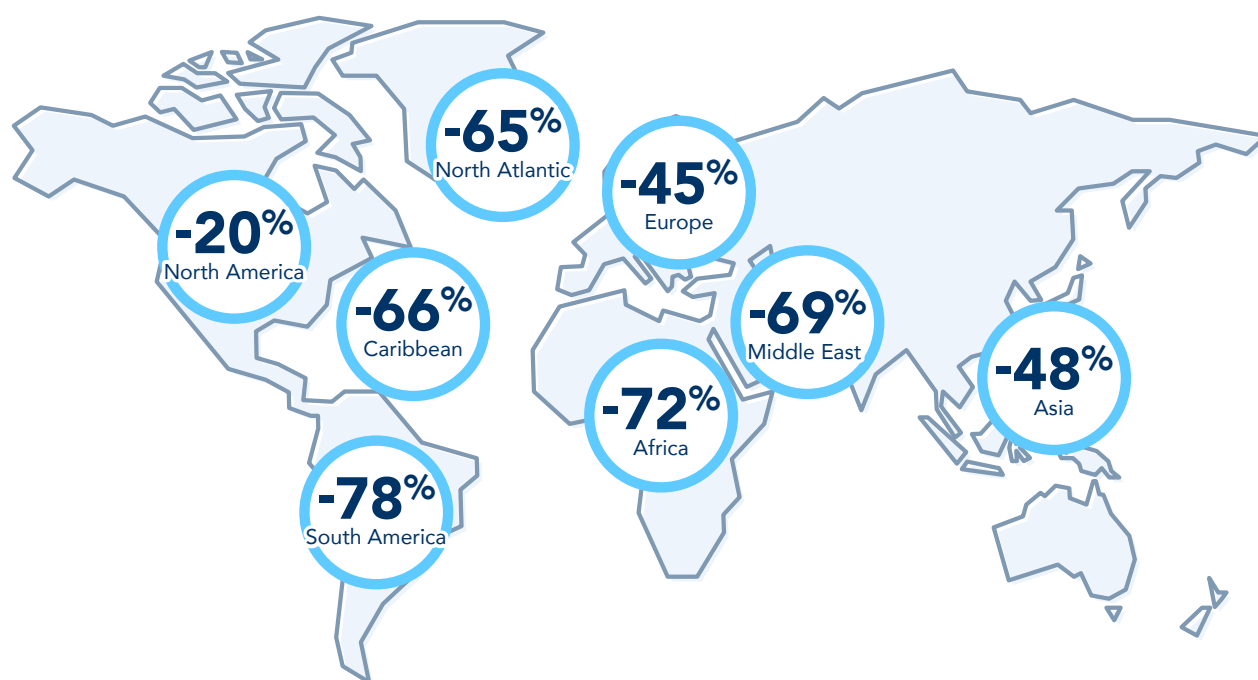
## Daily flight hours

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



Daily flight hours, an important metric of ATM workload, reached 143,600 hours flown globally on 10 July, 2020. That represents the highest level of daily flight hours in sixteen weeks.

## Regional traffic brief



The increase in European air traffic ramped up in the past two weeks with over 4,000 new daily flights added, bringing overall traffic levels to above 50% of volumes seen just prior to traffic restrictions being imposed. Asia was the other region to cross over the 50% mark with 1,400 daily flights added to its traffic volumes in the past two weeks. Africa remains the only region with daily average flight volumes that are unchanged. North America numbers, at only -20% continue to reflect high General Aviation and Business aviation traffic and to mask a much larger decline in commercial passenger traffic volumes. South America remains the most significantly off traffic volumes from the beginning of the year, at -78%.

## 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 05 Jul 2020	7,400 2,900	61%	6,100 1,900	69%
<b>North America</b>	01 Jan 2020 05 Jul 2020	67,400 54,600	19%	38,000 30,400	20%
<b>Europe</b>	01 Jan 2020 05 Jul 2020	44,700 24,900	44%	24,900 13,600	45%
<b>South America</b>	01 Jan 2020 05 Jul 2020	10,700 2,700	75%	5,800 1,300	78%
<b>Asia</b>	01 Jan 2020 05 Jul 2020	74,900 37,800	50%	35,000 18,100	48%
<b>Caribbean</b>	01 Jan 2020 05 Jul 2020	9,100 3,200	65%	6,400 2,200	66%
<b>Africa</b>	01 Jan 2020 05 Jul 2020	4,200 2,300	45%	1,800 500	72%
<b>North Atlantic</b>	01 Jan 2020 05 Jul 2020	6,800 2,100	69%	2,300 800	65%

## 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).

