# All-Causes Delay to Air Transport in Europe

EUROCONTROL

August 2020

In August 2020, ECAC traffic decreased by 51.4% as the effects of the COVID-19 pandemic continued to influence the network. Traffic in the network did increase this up 22% when compared to July 2020. Amsterdam Schiphol was the busiest airport, followed by Paris CDG and Frankfurt Main. Regarding airlines, Ryanair operated the most flights, followed by easyJet and Wizz Air.

Average Delay per Flight on Departure (mins) - August 2020
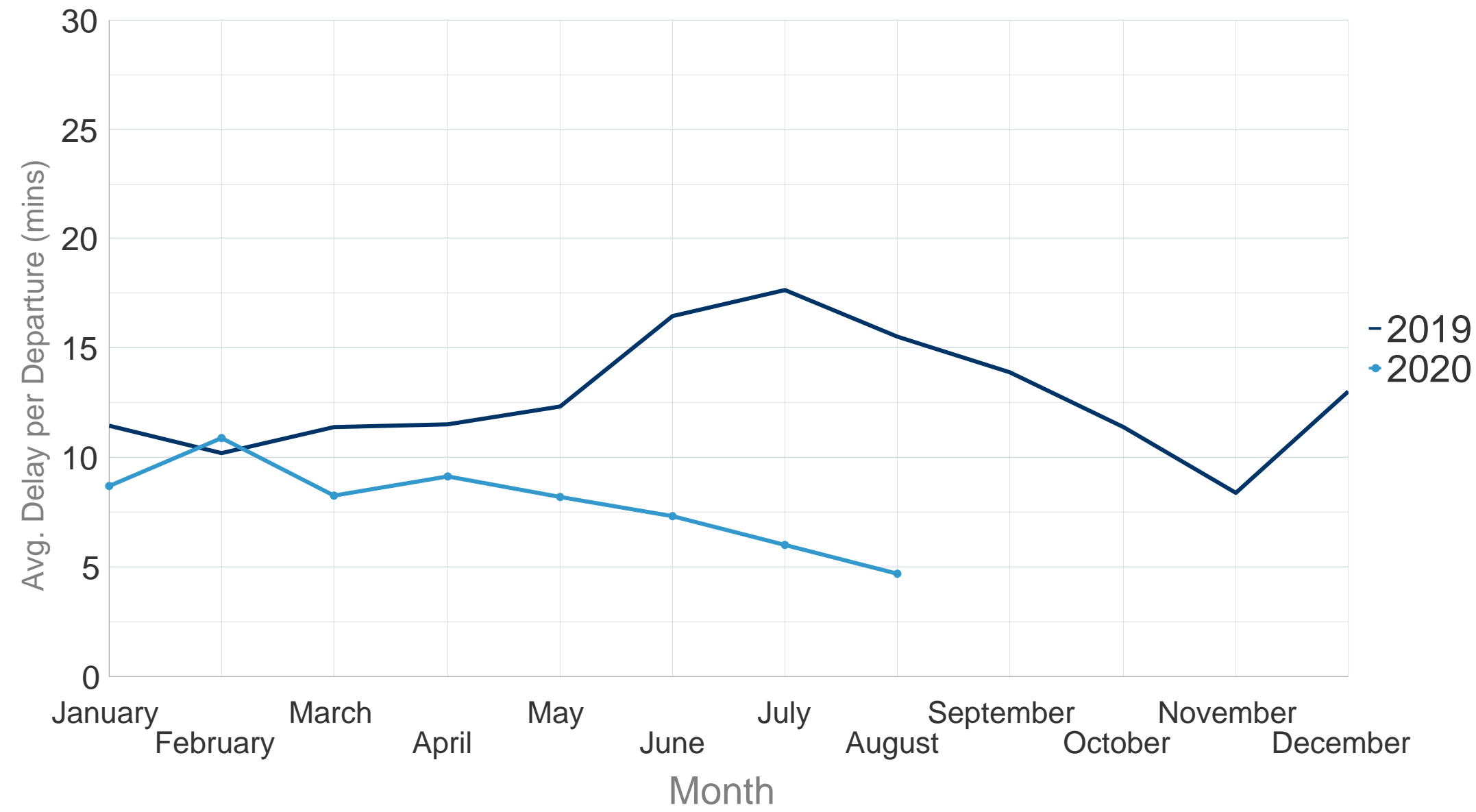
## Average Delay per Flight on Arrival (mins) - August 2020
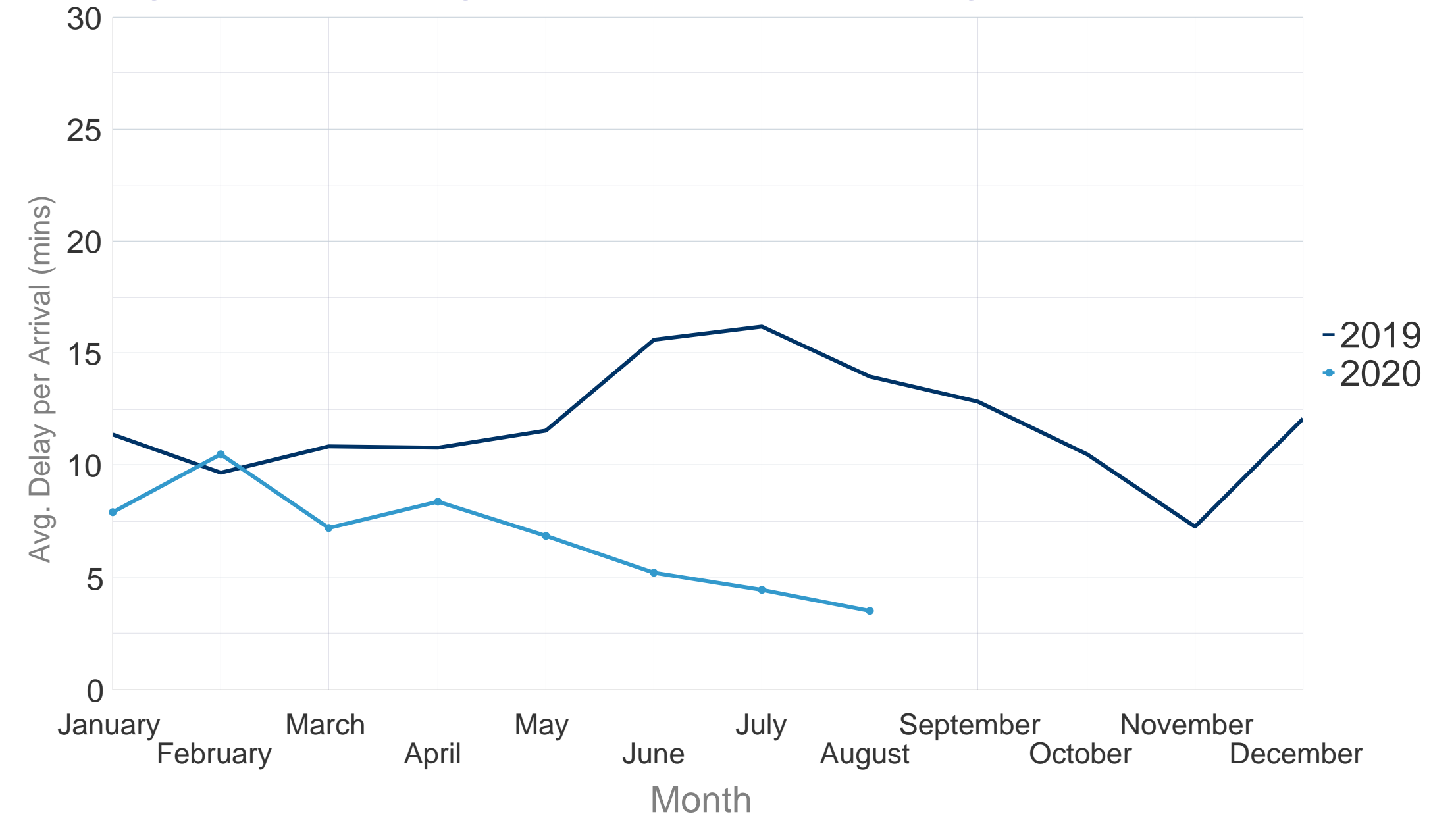
In August 2020 the average delay per flight on departure was 4.7 minutes per flight.
This was **a decrease** of 10.9 minutes per flight when compared to August 2019 where the average delay per flight was 15.5 minutes.
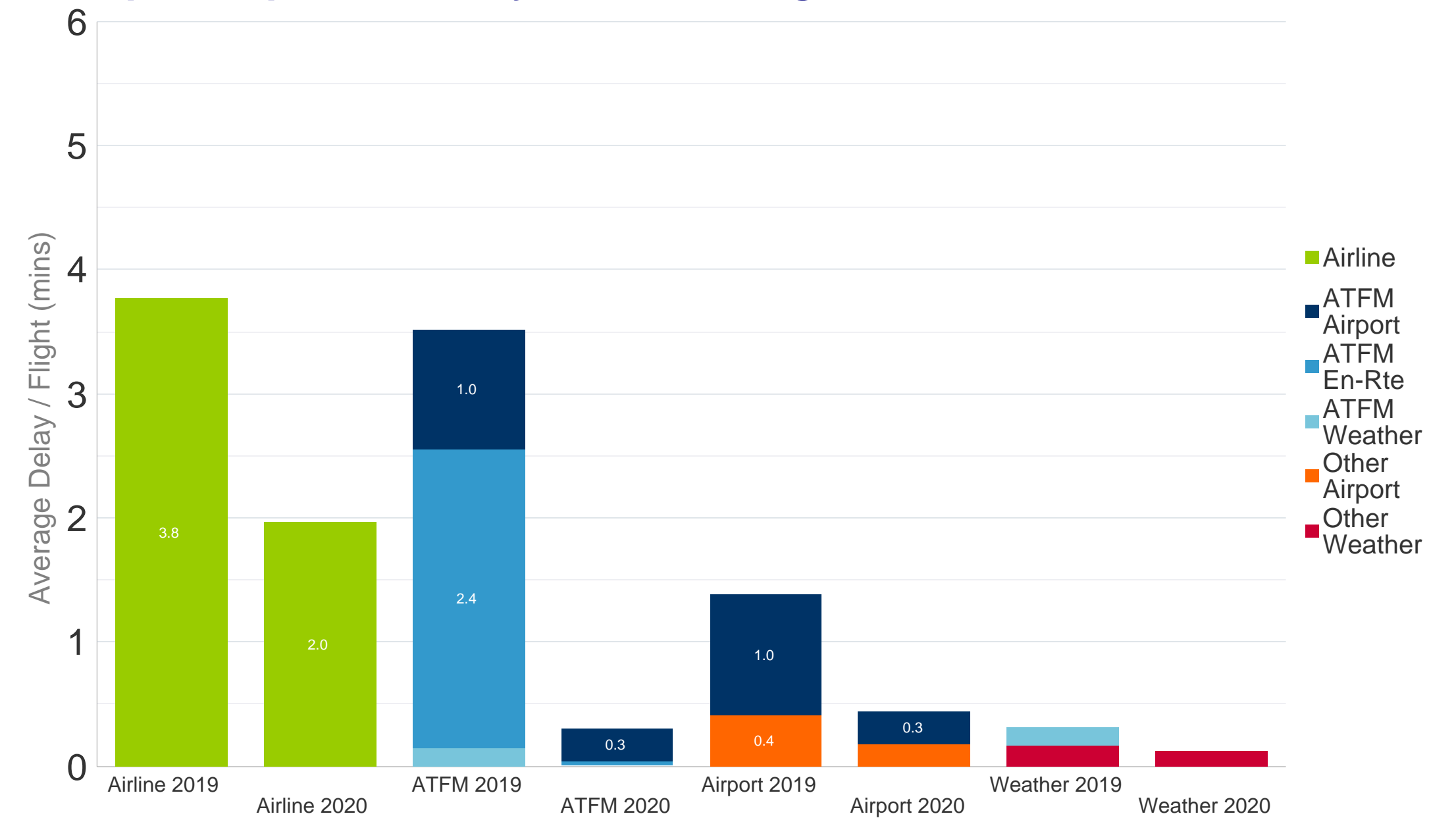
Further analysis of the delay causes shows that reactionary delay contributed 1.4 minutes to the average delay per flight in August 2020.

In August 2020 the average delay per flight on arrival was 3.5 minutes per flight.
This was **a decrease** of 10.5 minutes per flight when compared to August 2019 where the average delay per flight was 14.0 minutes.

Departure Delay Causes - August 2020
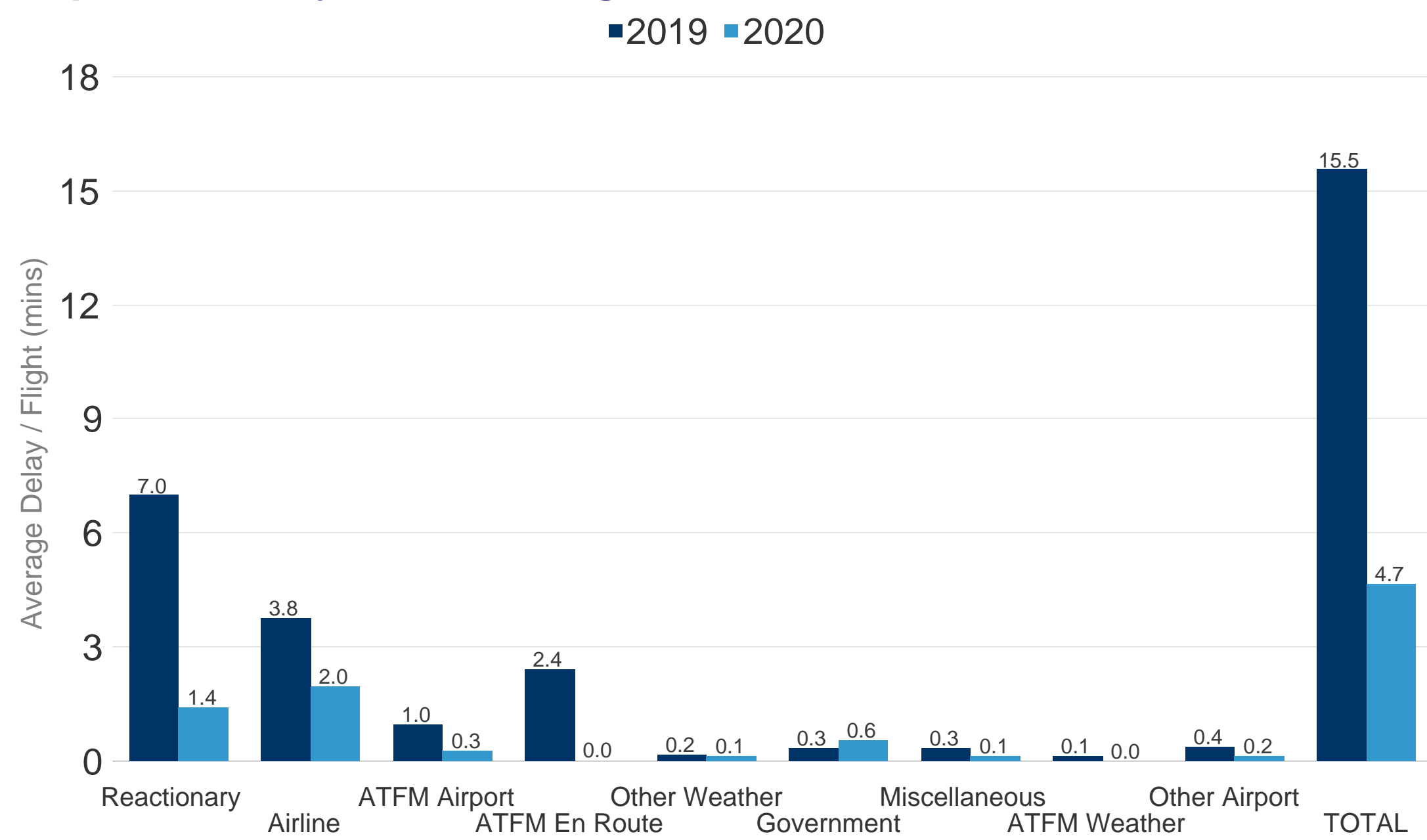
Grouped Departure Delay Causes - August 2020

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All Causes Departure Punctuality - August 2020

■2019 ■2020

Fraction of Flights

	Adv > 15	Adv 5-15	On Time	Del 5-15	Del 16-30	Del 31-60	Del > 60
2019	0.5	12.3	34.6	23.9	13.6	9.6	5.5
2020	2.7	37.6	39.8	12.1	4.4	2.2	1.2
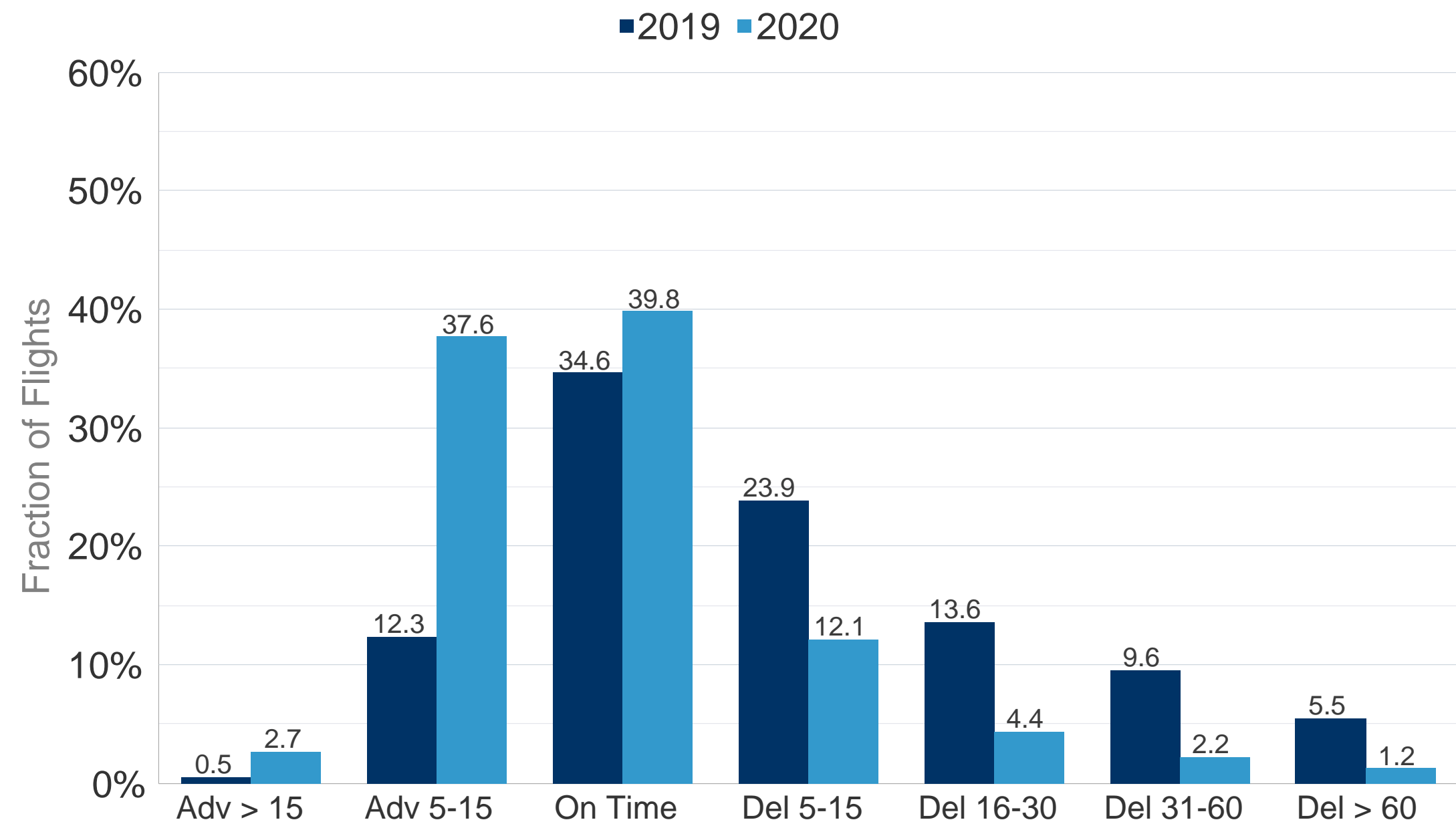
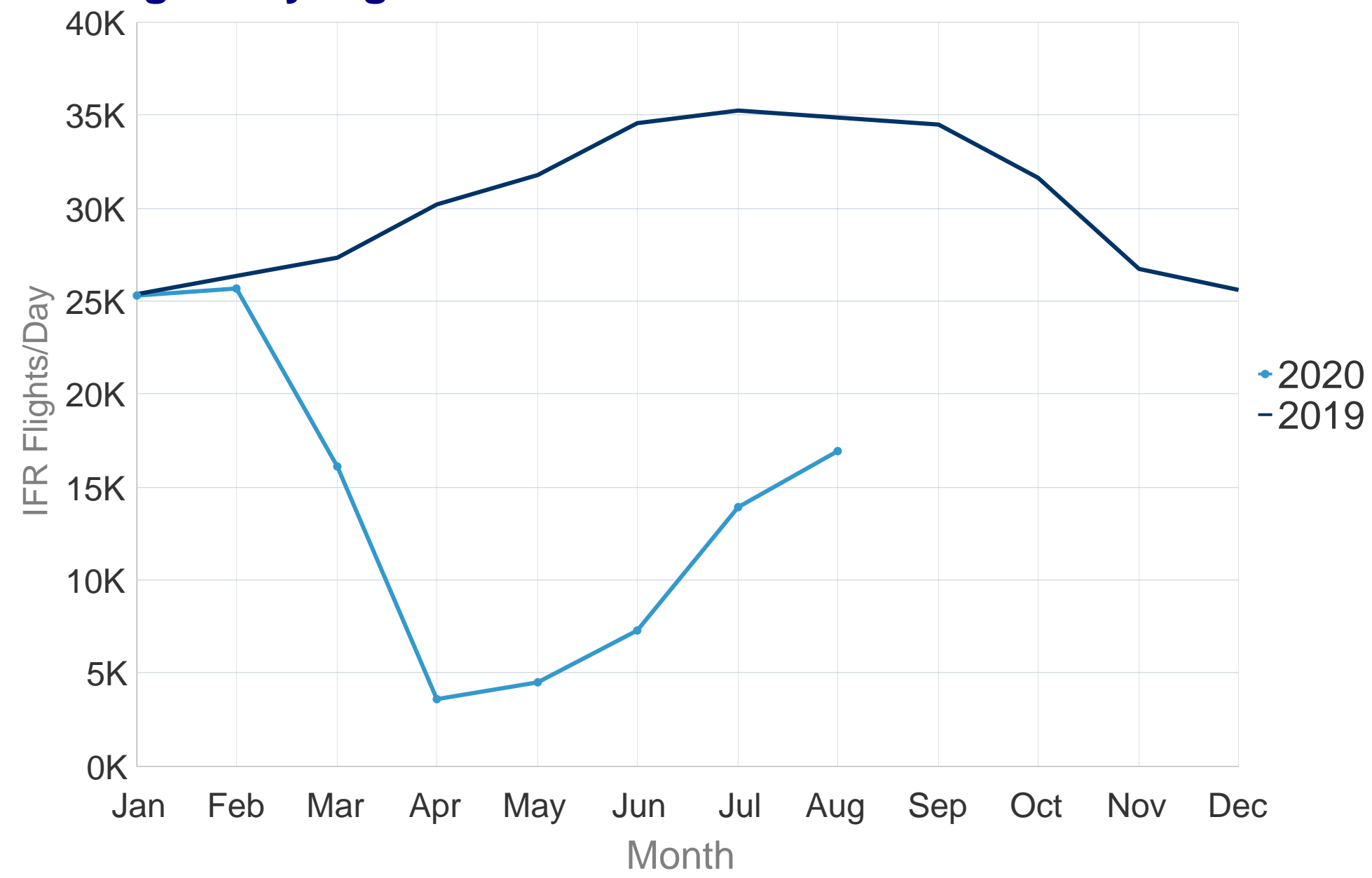In August 2020, 39.8% of the flights departed within the 5 minutes threshold before or after the scheduled departure time (STD); **an increase** of 5.2 points from 34.6% compared to previous year. Flights delayed >30 minutes from all-causes **decreased** from 15.1% to 3.4%.

All Causes Arrival Punctuality - August 2020

■2019 ■2020

Fraction of Flights

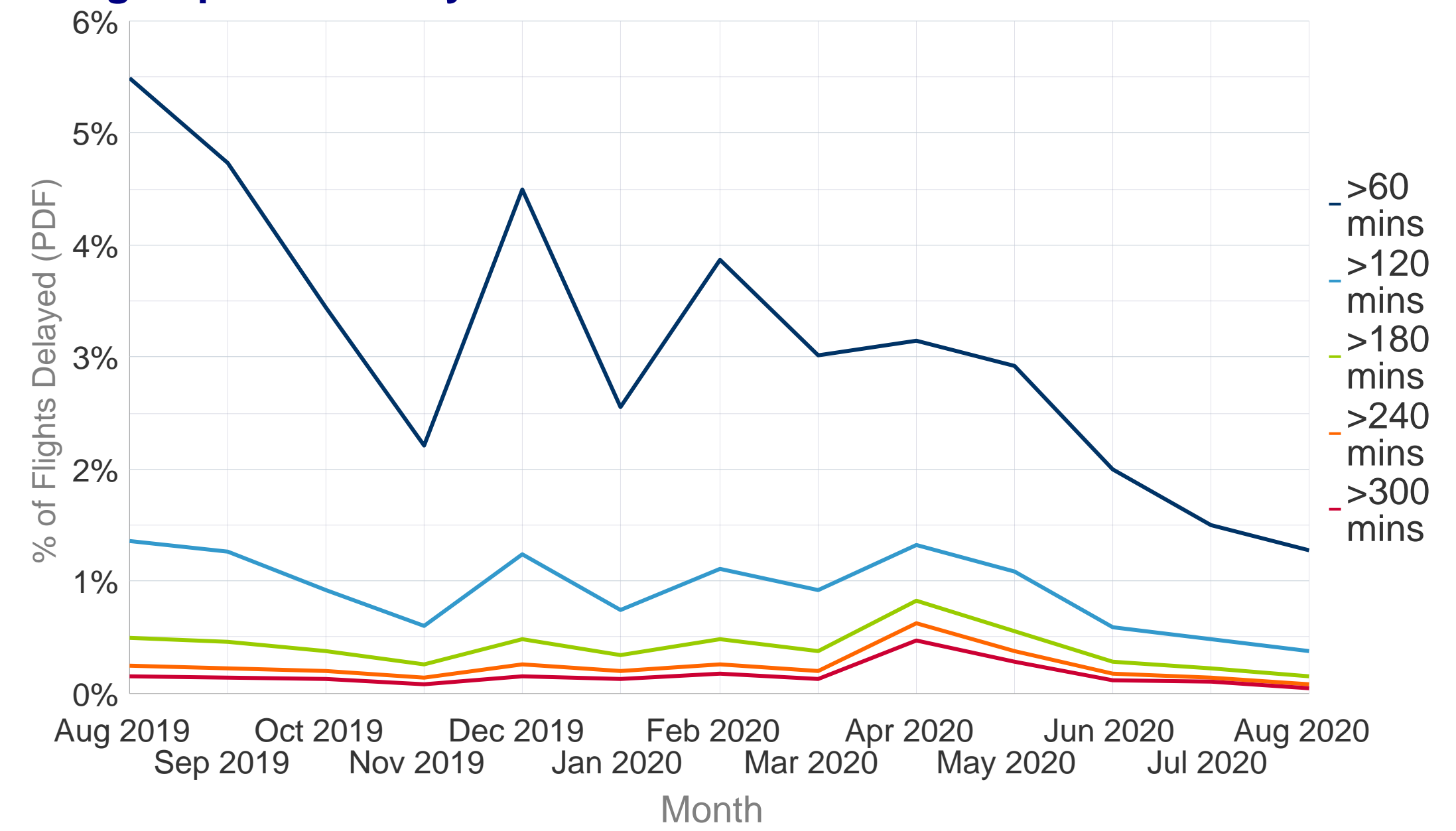|	Adv > 15	Adv 5-15	On Time	Del 5-15	Del 16-30	Del 31-60	Del > 60
2019	8.3	24.0	23.0	18.7	12.0	8.6	5.1
2020	30.2	38.2	17.9	7.7	3.1	1.6	1.0
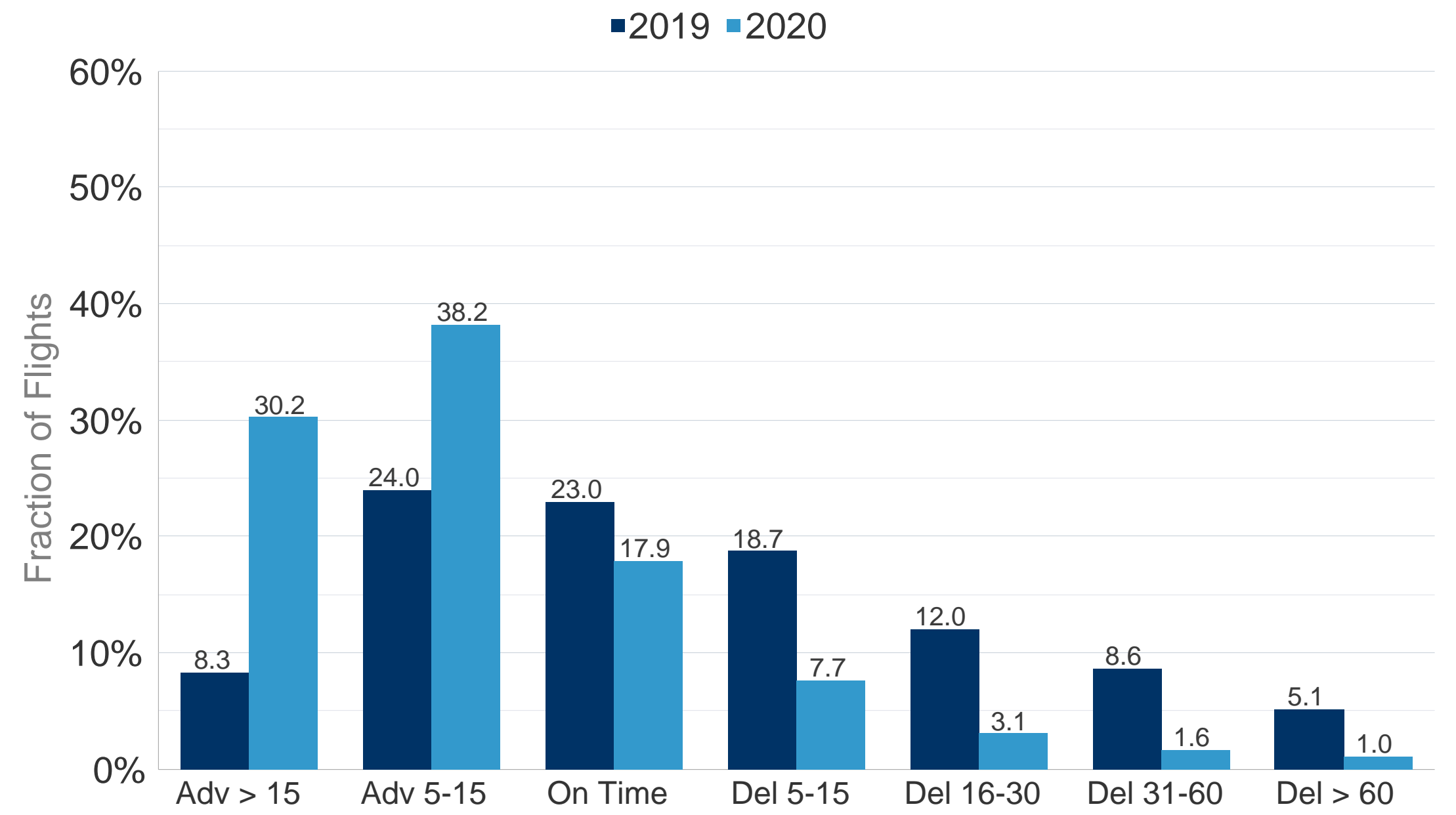
In August 2020, 17.9% of the flights arrived within the 5 minutes threshold before or after the scheduled arrival time (STA); **a decrease** of 5.1 points from 23.0% compared to previous year. Flights delayed >30 minutes from all-causes **decreased** from 13.7% to 2.6%.
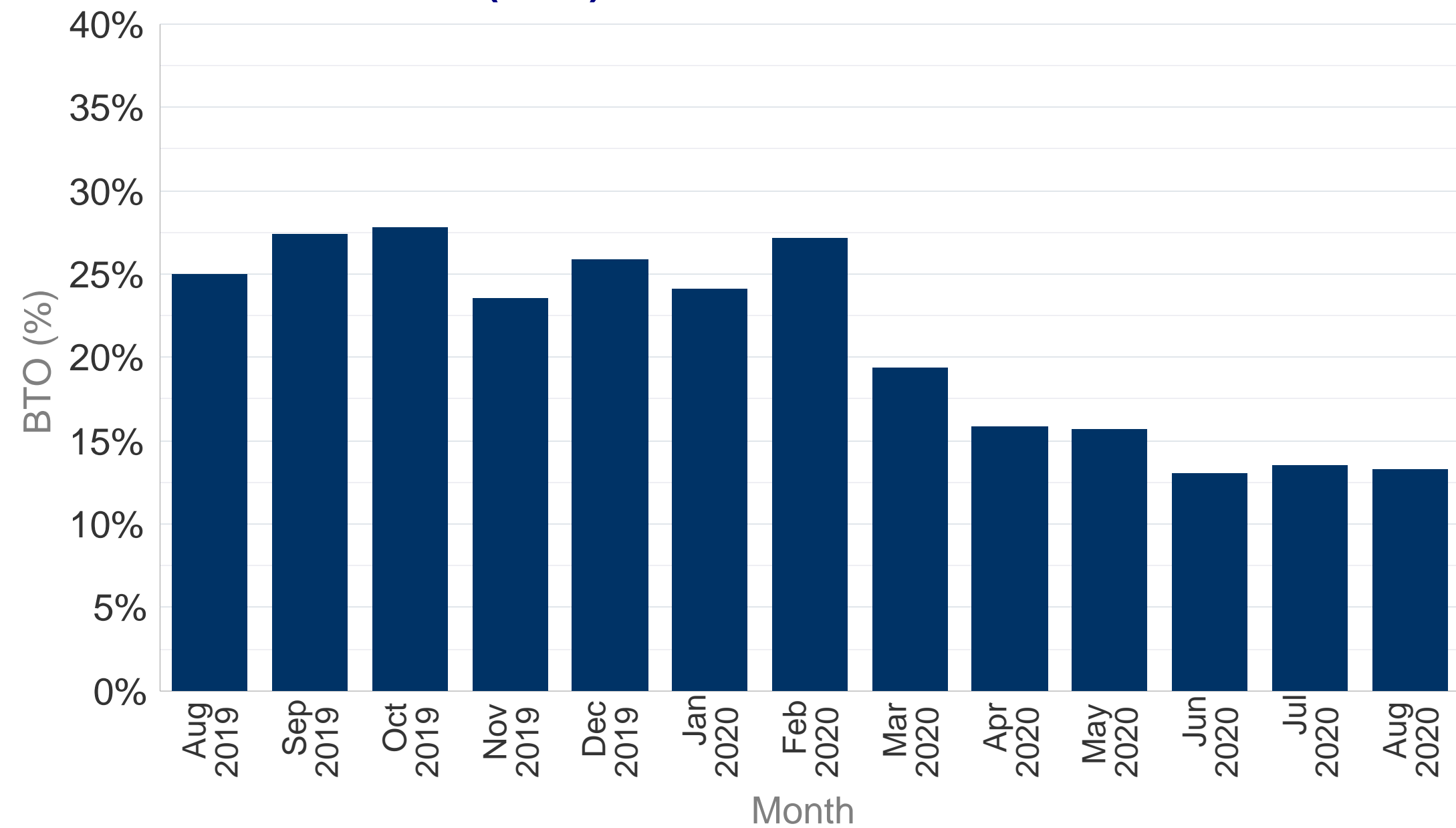
Average daily flights for ECAC. All flows

IFR Flights/Day vs Month

+ 2020
– 2019

Long Departure Delays All-Causes

% of Flights Delayed (PDF) vs Month

>60 mins
>120 mins
>180 mins
>240 mins
>300 mins

Block Time Overshoot (BTO)

BTO (%) vs Month (Aug 2019 – Aug 2020)

Delay Difference Indicator - Flight (DDI-F)

DDI-F (Mins) vs Month (Aug 2019 – Aug 2020)

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