

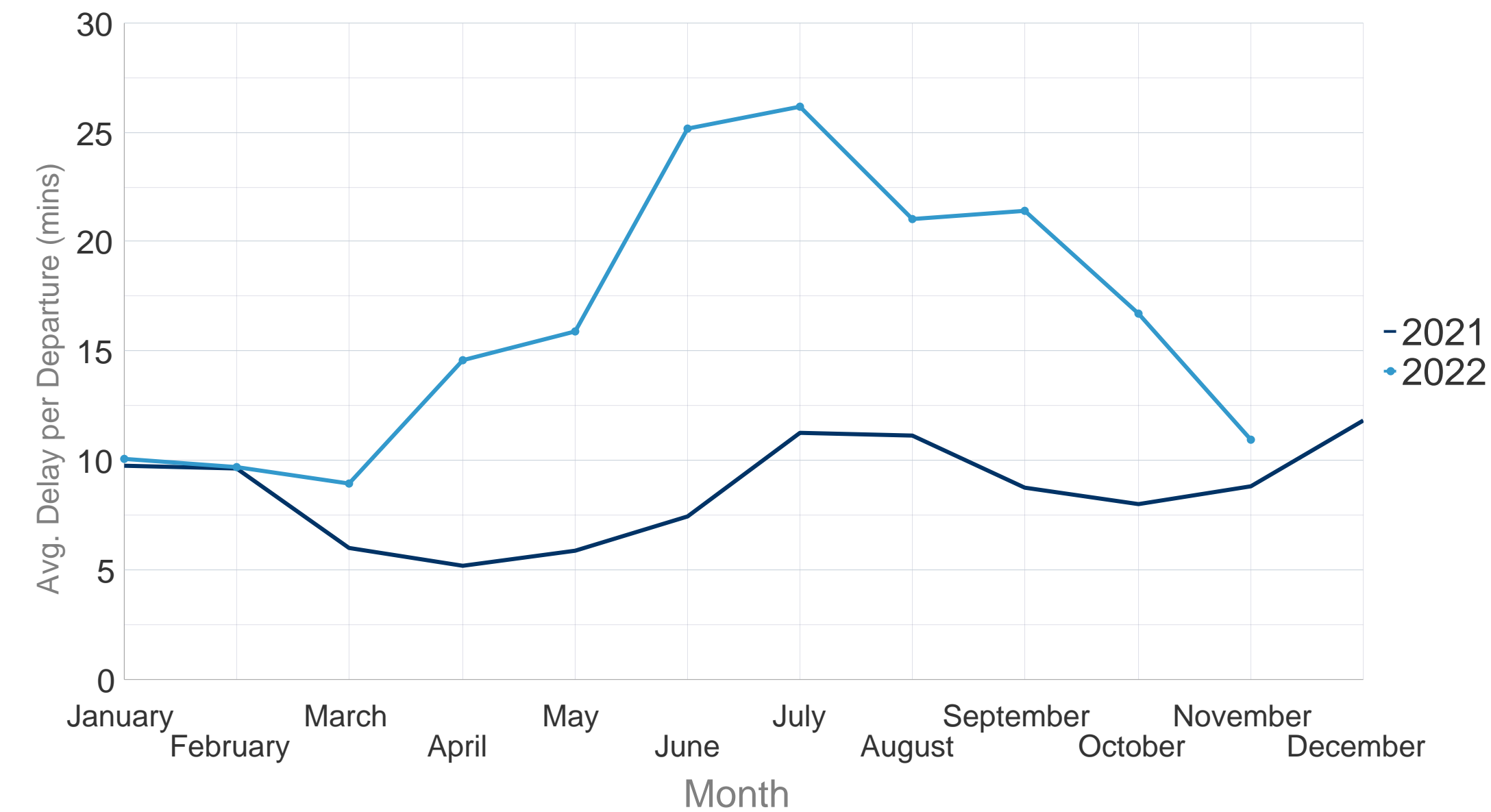
# All-Causes Delay to Air Transport in Europe



## November 2022

Traffic in November 2022 was at 86% of November 2019 levels. Regarding airports, IGA Istanbul was the busiest followed by London Heathrow, Paris Charles de Gaulle, Frankfurt Main and Amsterdam Schiphol. Ryanair, Turkish Airlines, Lufthansa, easyJet and Air France were the busiest airlines in terms of flights. TOP Sky implementation continued throughout the month in Lisbon ACC, causing en-route ATFM delays as well as airport ATFM delays at Lisbon. Canarias, Sevilla and Madrid ACCs were also impacted by the implementation. ATC industrial actions in France (Reims ACC from 8 to 11 November) caused en-route ATFM delays.

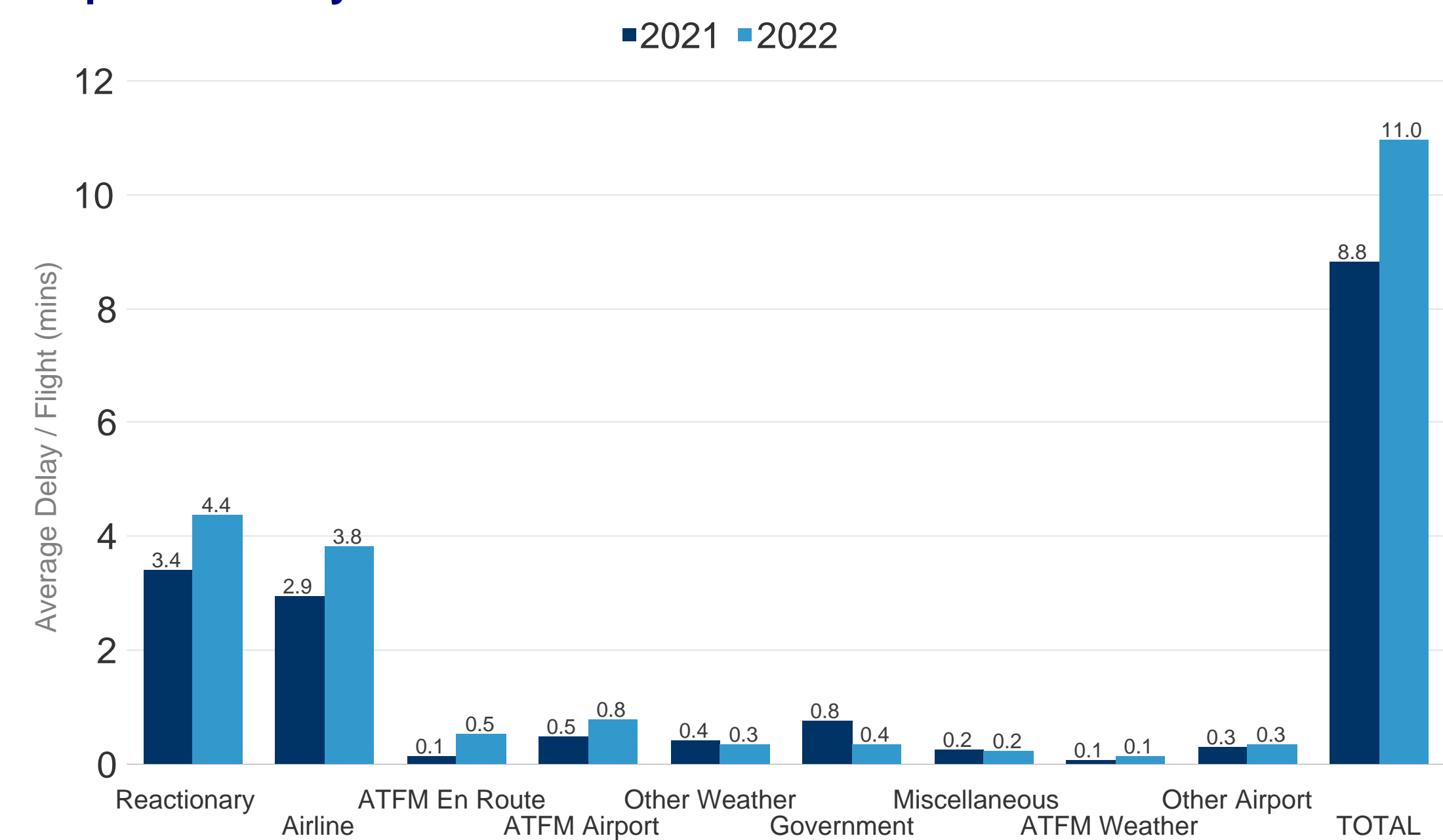
## Average Delay per Flight on Departure (mins) - November 2022



In November 2022 the average delay per flight on departure was 11.0 minutes per flight. This was **an increase** of 2.1 minutes per flight when compared to November 2021 where the average delay per flight was 8.8 minutes.

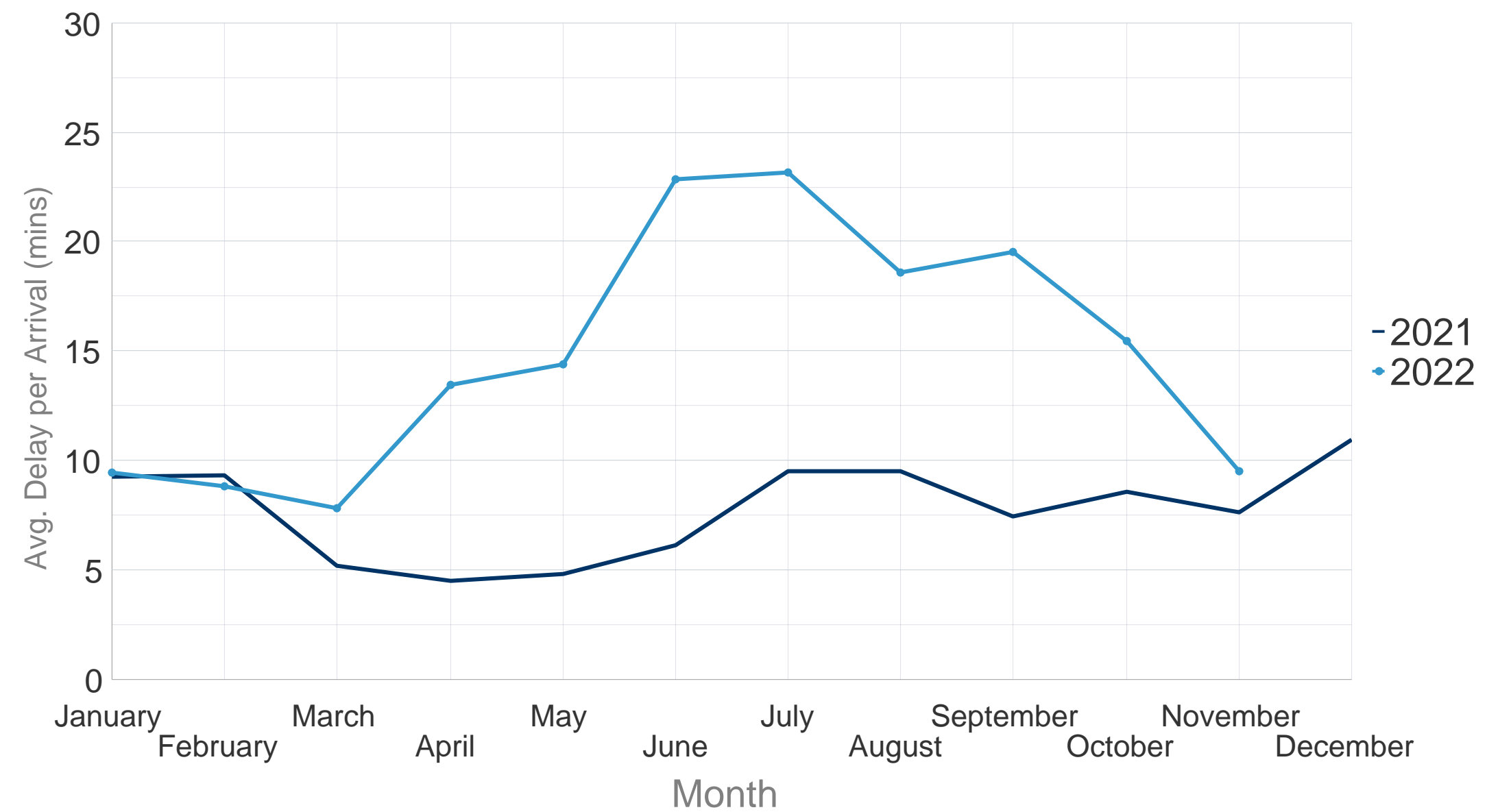
Further analysis of the delay causes shows that reactionary delay contributed 4.4 minutes to the average delay per flight in November 2022.

## Departure Delay Causes - November 2022



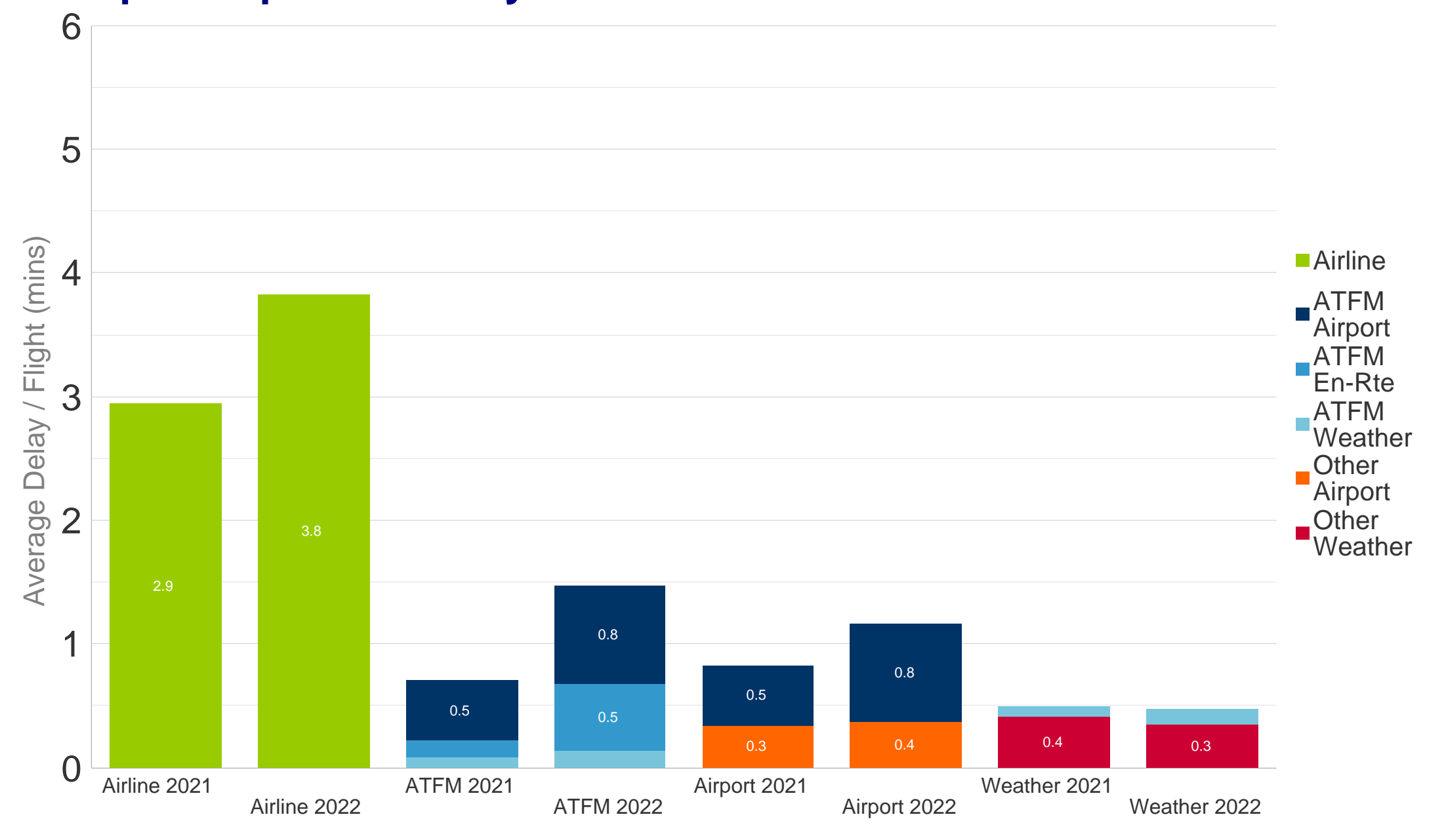
This report is based on partial airline data to be updated once the full dataset is available.  
Current CODA Coverage of IFR Flights in ECAC November 2022: 62%  
Date of publication: 22/12/2022 Eurocontrol TLP status: White (Public Information)

## Average Delay per Flight on Arrival (mins) - November 2022

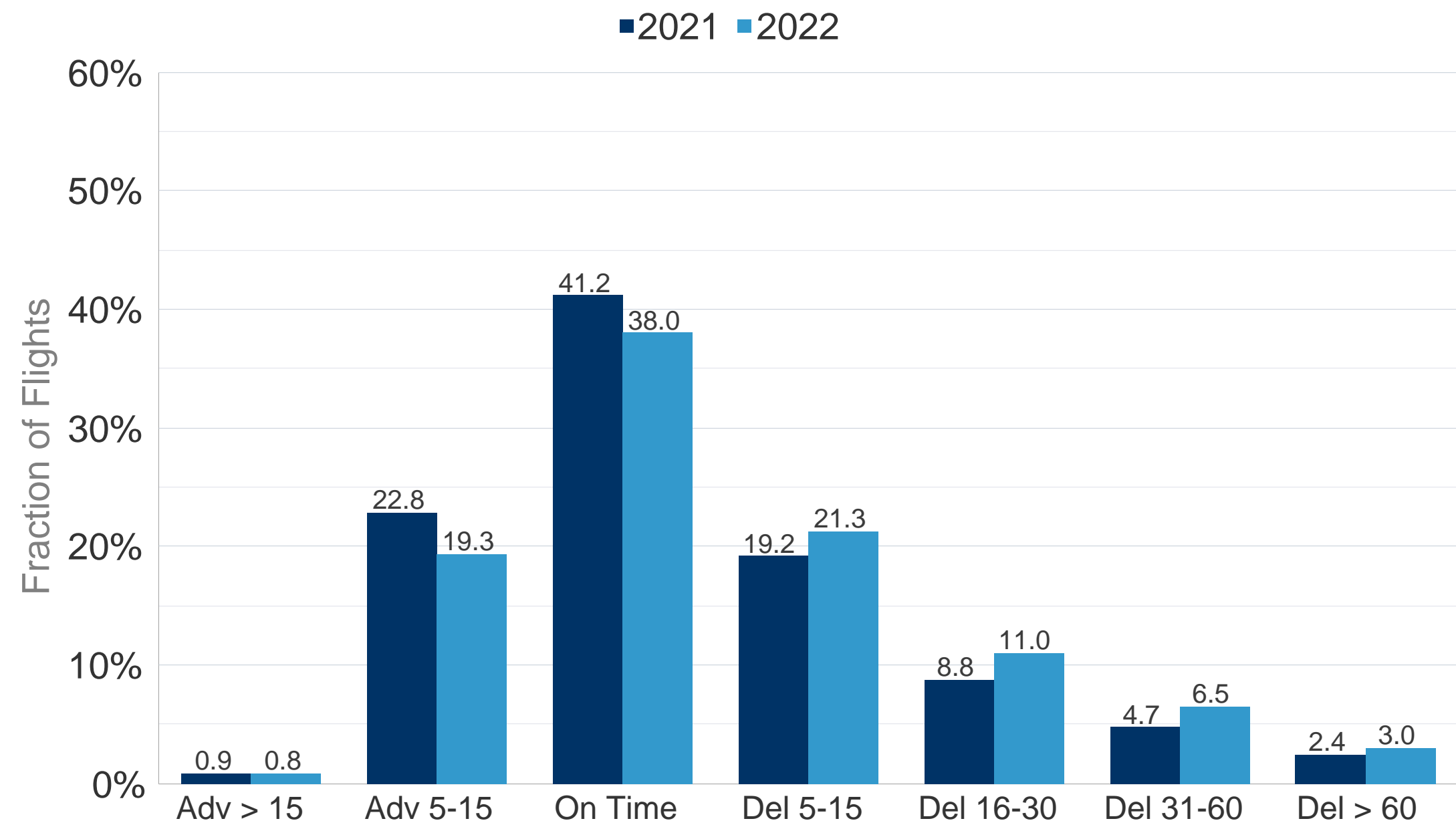


In November 2022 the average delay per flight on arrival was 9.5 minutes per flight. This was **an increase** of 1.9 minutes per flight when compared to November 2021 where the average delay per flight was 7.6 minutes.

## Grouped Departure Delay Causes - November 2022

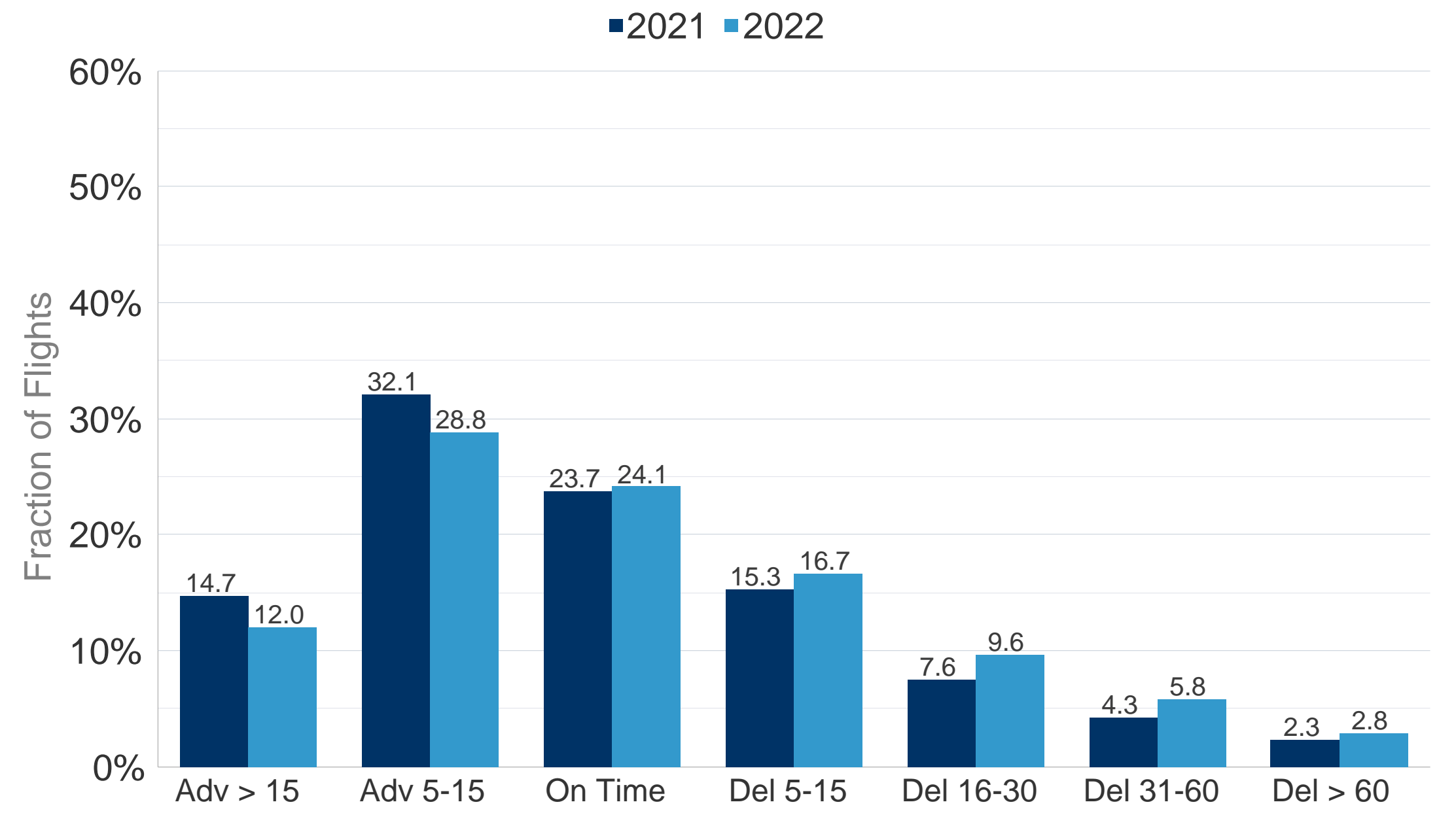


### All Causes Departure Punctuality - November 2022



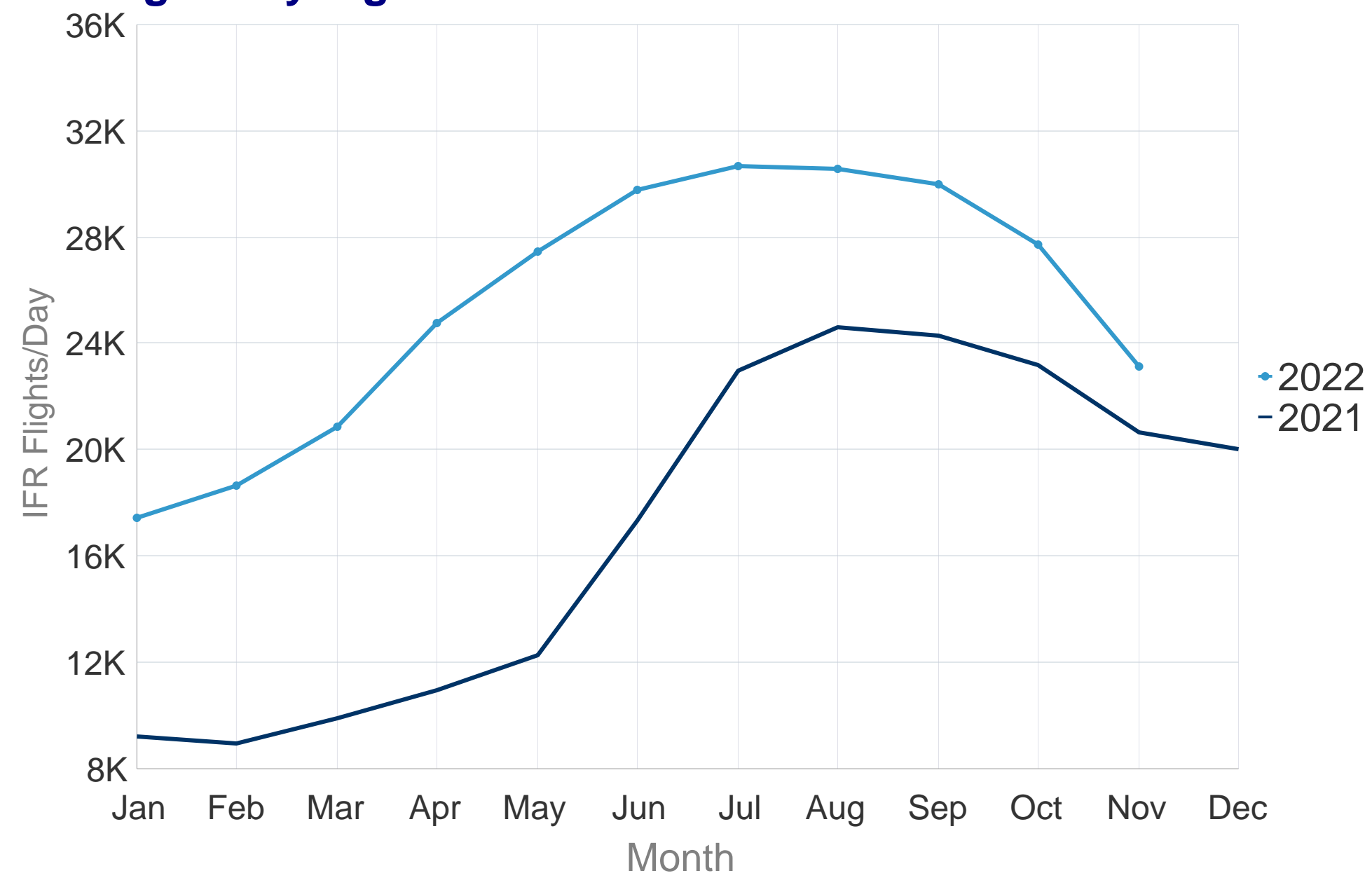
In November 2022, 38.0% of the flights departed within the 5 minutes threshold before or after the scheduled departure time (STD); a **decrease** of 3.1 points from 41.2% compared to previous year. Flights delayed >30 minutes from all-causes **increased** from 7.2% to 9.5%.

### All Causes Arrival Punctuality - November 2022

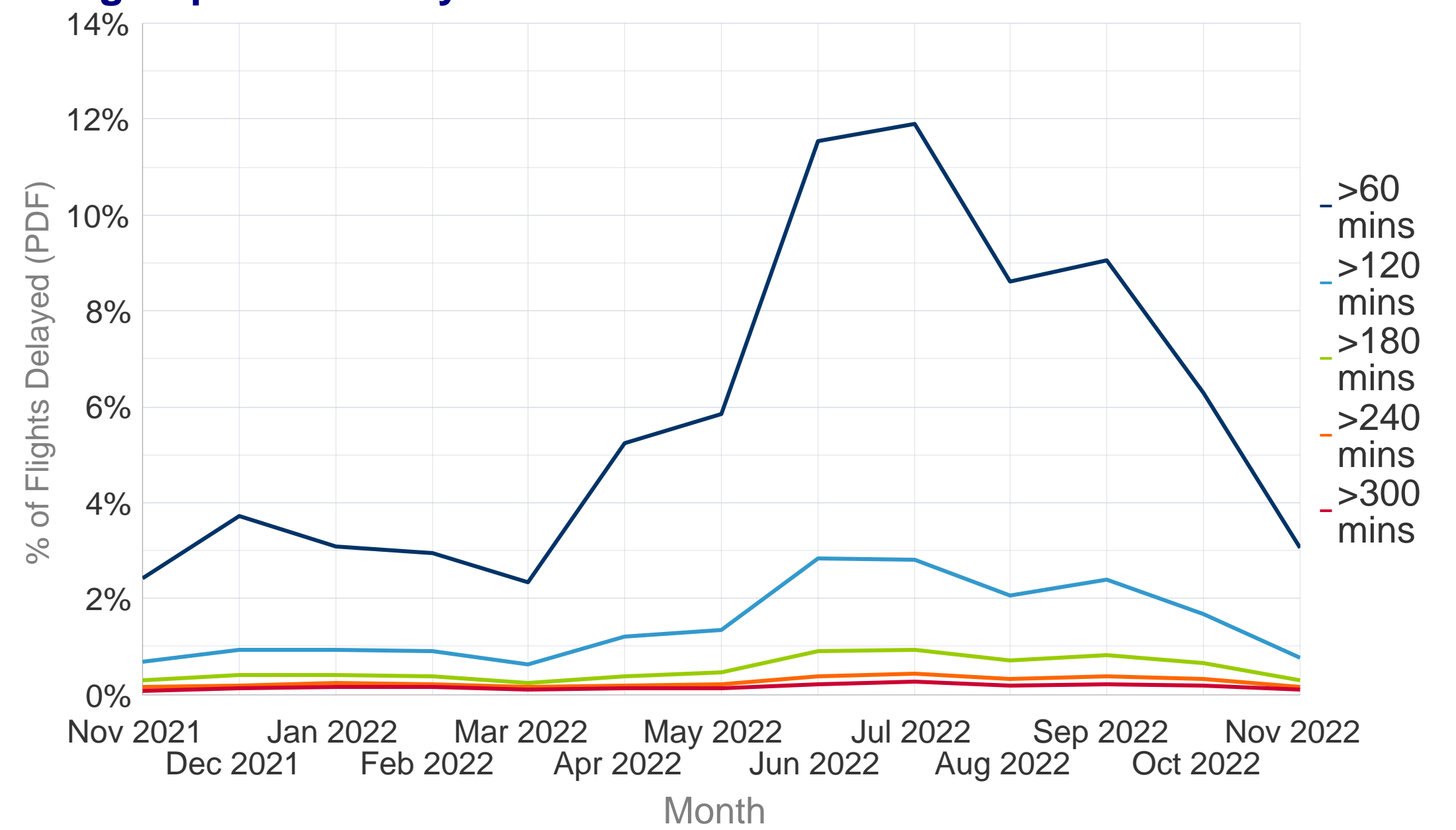


In November 2022, 24.1% of the flights arrived within the 5 minutes threshold before or after the scheduled arrival time (STA); an **increase** of 0.4 points from 23.7% compared to previous year. Flights delayed >30 minutes from all-causes **increased** from 6.6% to 8.6%.

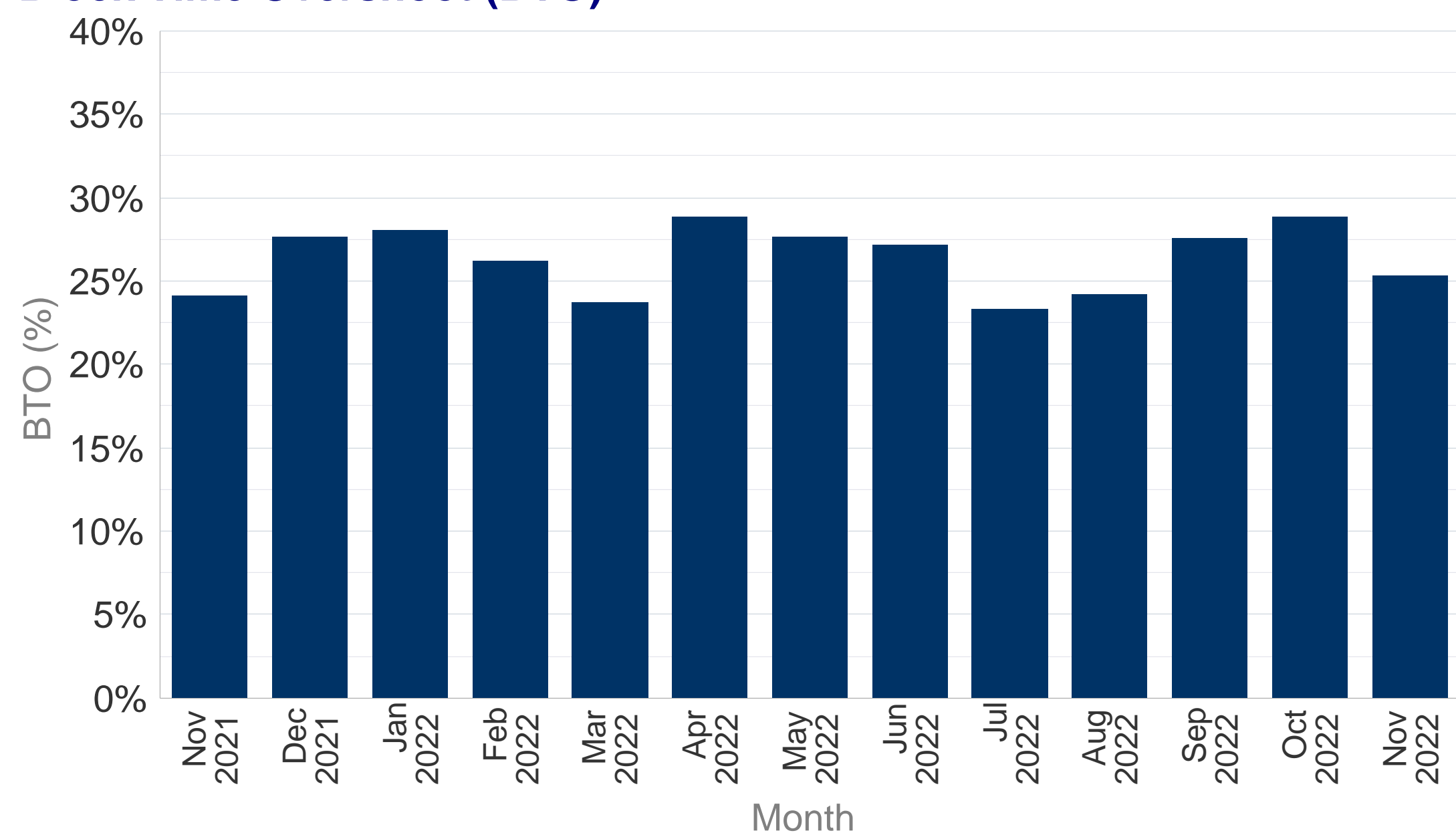
### Average daily flights for ECAC. All flows



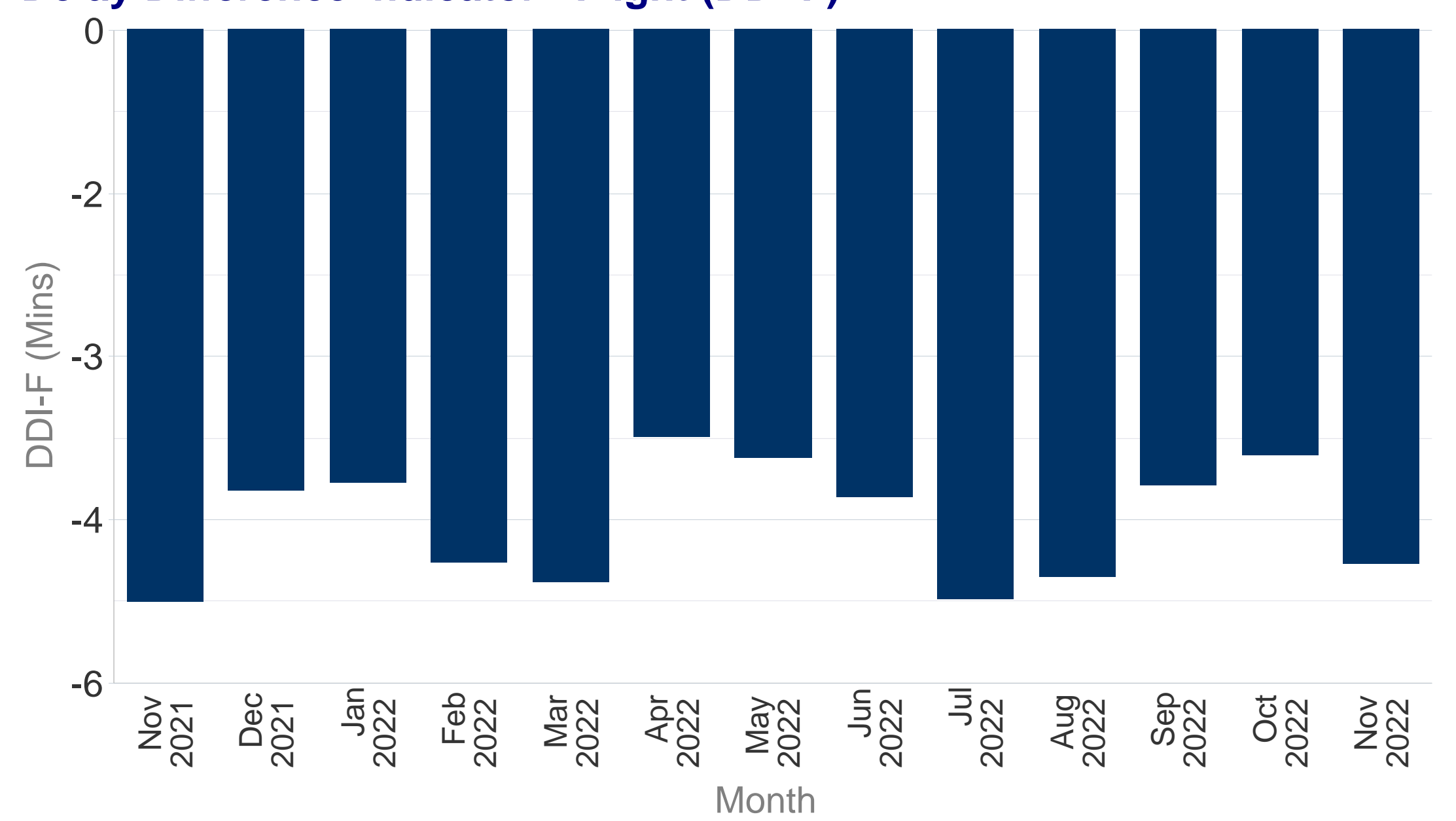
### Long Departure Delays All-Causes



### Block Time Overshoot (BTO)



### Delay Difference Indicator - Flight (DDI-F)



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