

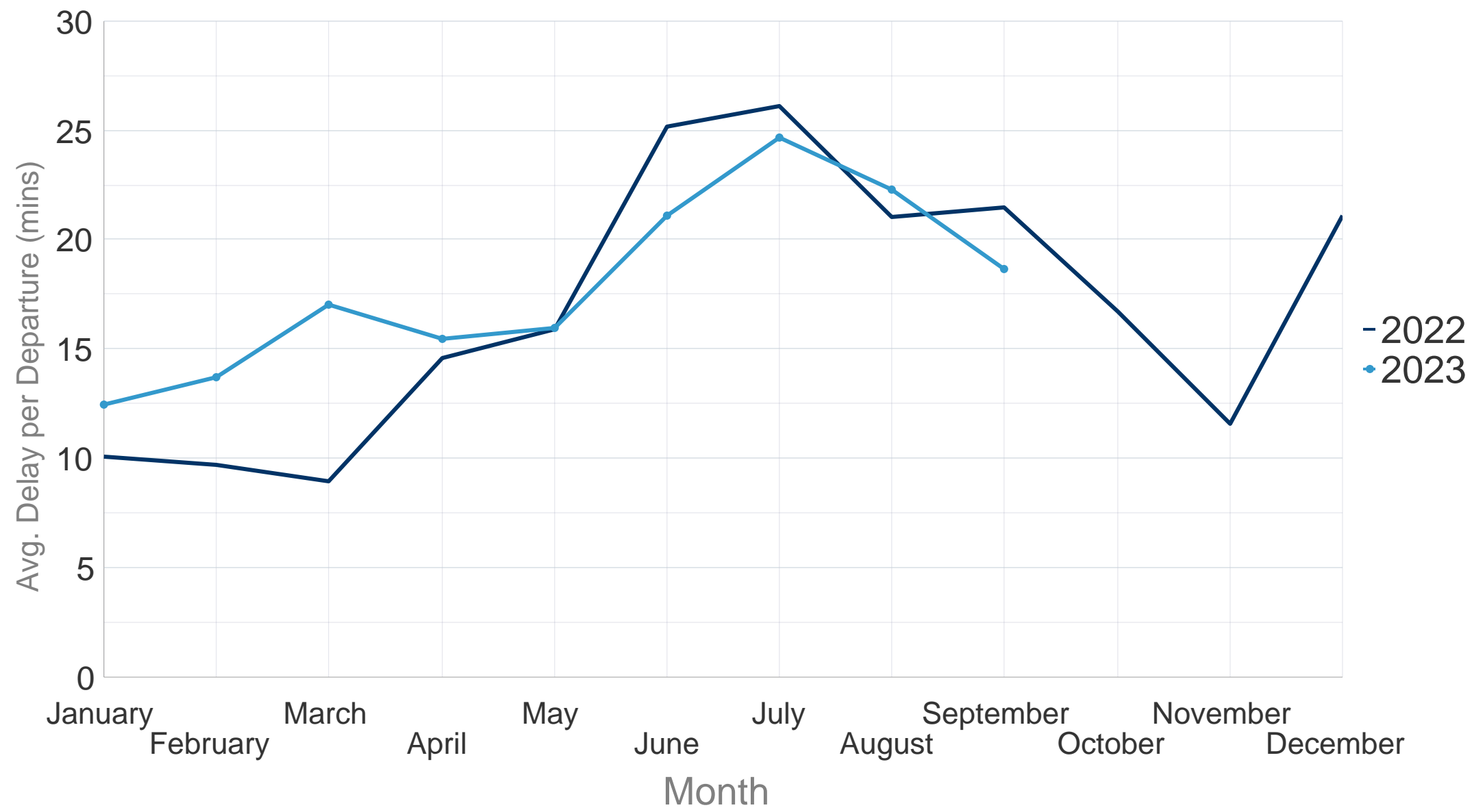
# All-Causes Delay to Air Transport in Europe



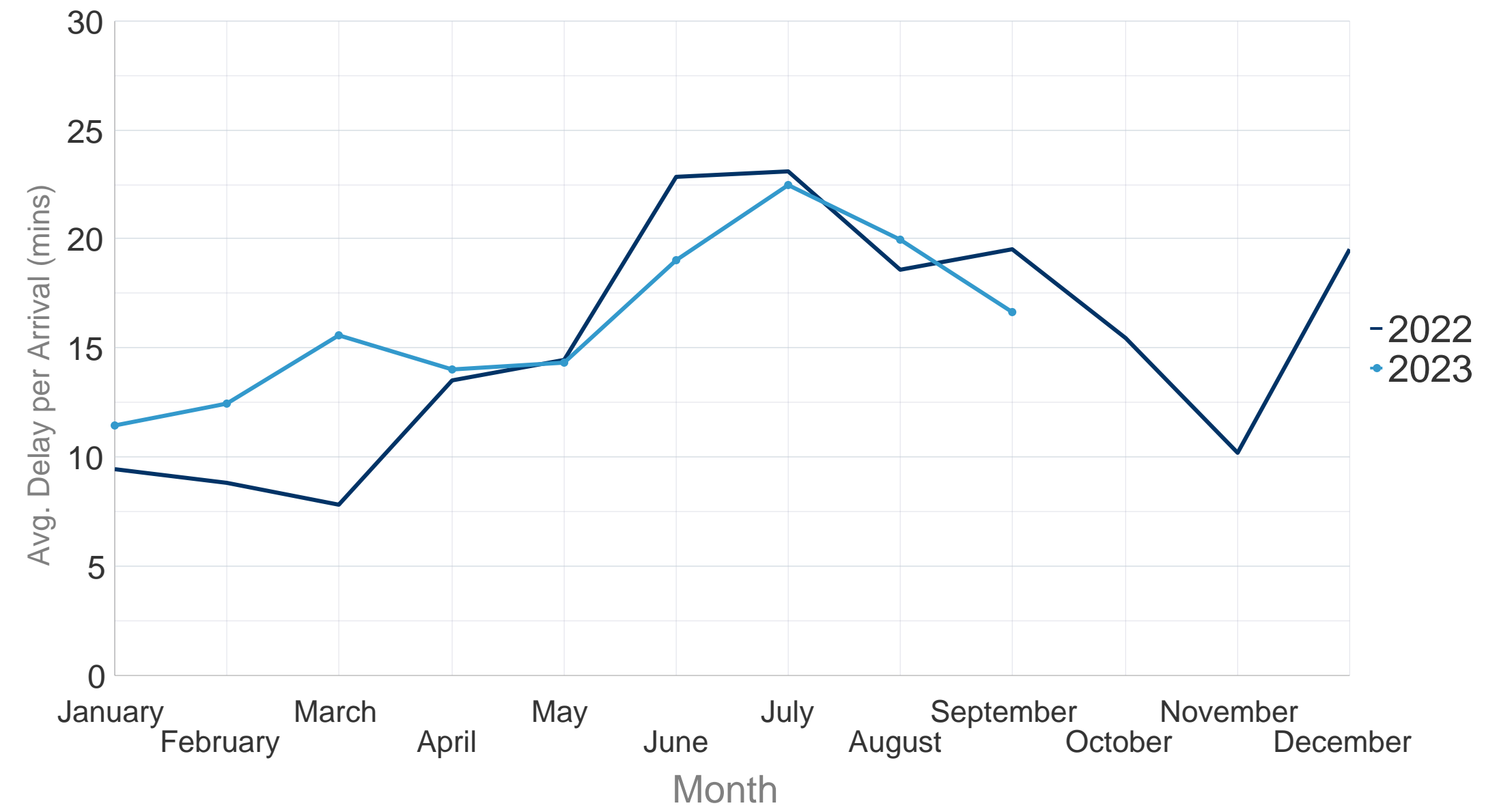
## September 2023

Total flights in September 2023 were 8.2% higher than September 2022. Ryanair was the busiest operator in terms of flights, followed by easyJet, Turkish Airlines, Lufthansa and Air France. As regards airport flights, iGA Istanbul, Amsterdam Schiphol, Paris CDG, Frankfurt and London Heathrow were the busiest airports. New ATM system in Munich ACC generated significant ATFM delay. Budapest ACC was affected by additional measures caused by the Ukrainian crisis, which led to high ATFM delay. Communication system failure at Makedonia ACC and Brest ACC generated ATFM delay.

**Average Delay per Flight on Departure (mins) - September 2023**



**Average Delay per Flight on Arrival (mins) - September 2023**

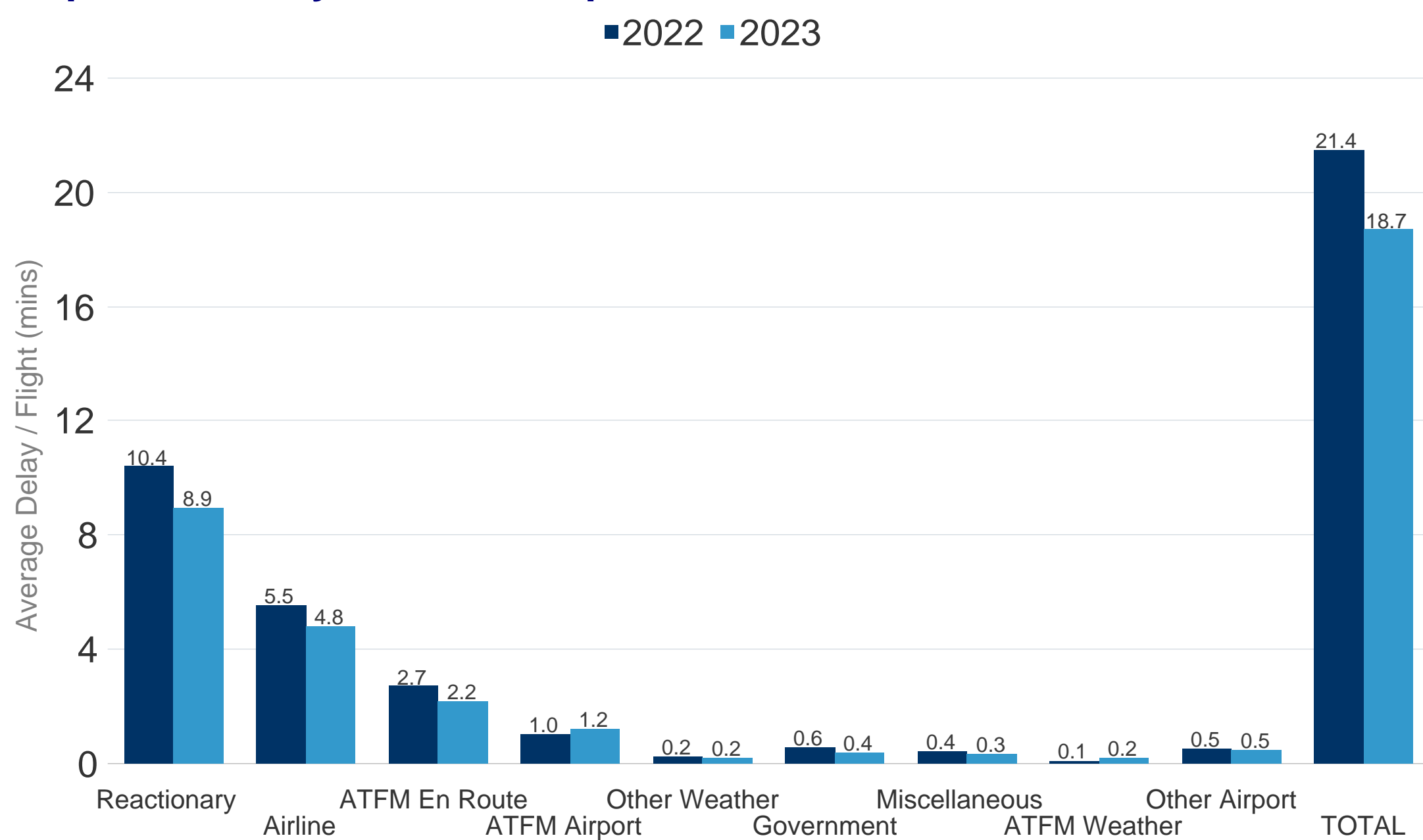


In September 2023 the average delay per flight on departure was 18.7 minutes per flight. This was a **decrease** of 2.8 minutes per flight when compared to September 2022 where the average delay per flight was 21.4 minutes.

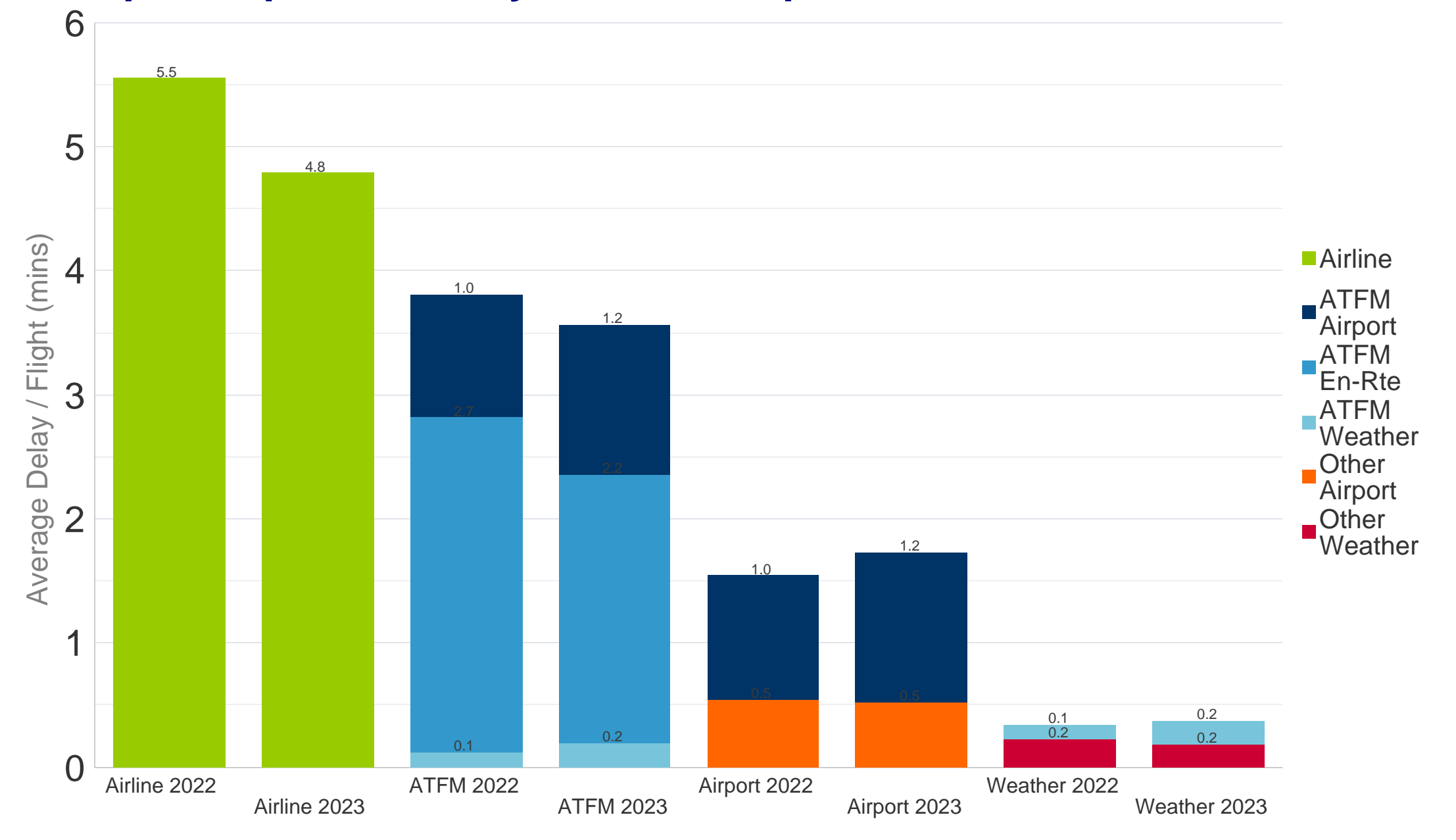
In September 2023 the average delay per flight on arrival was 16.6 minutes per flight. This was a **decrease** of 3.0 minutes per flight when compared to September 2022 where the average delay per flight was 19.6 minutes.

Further analysis of the delay causes shows that reactionary delay contributed 8.9 minutes to the average delay per flight in September 2023.

**Departure Delay Causes - September 2023**



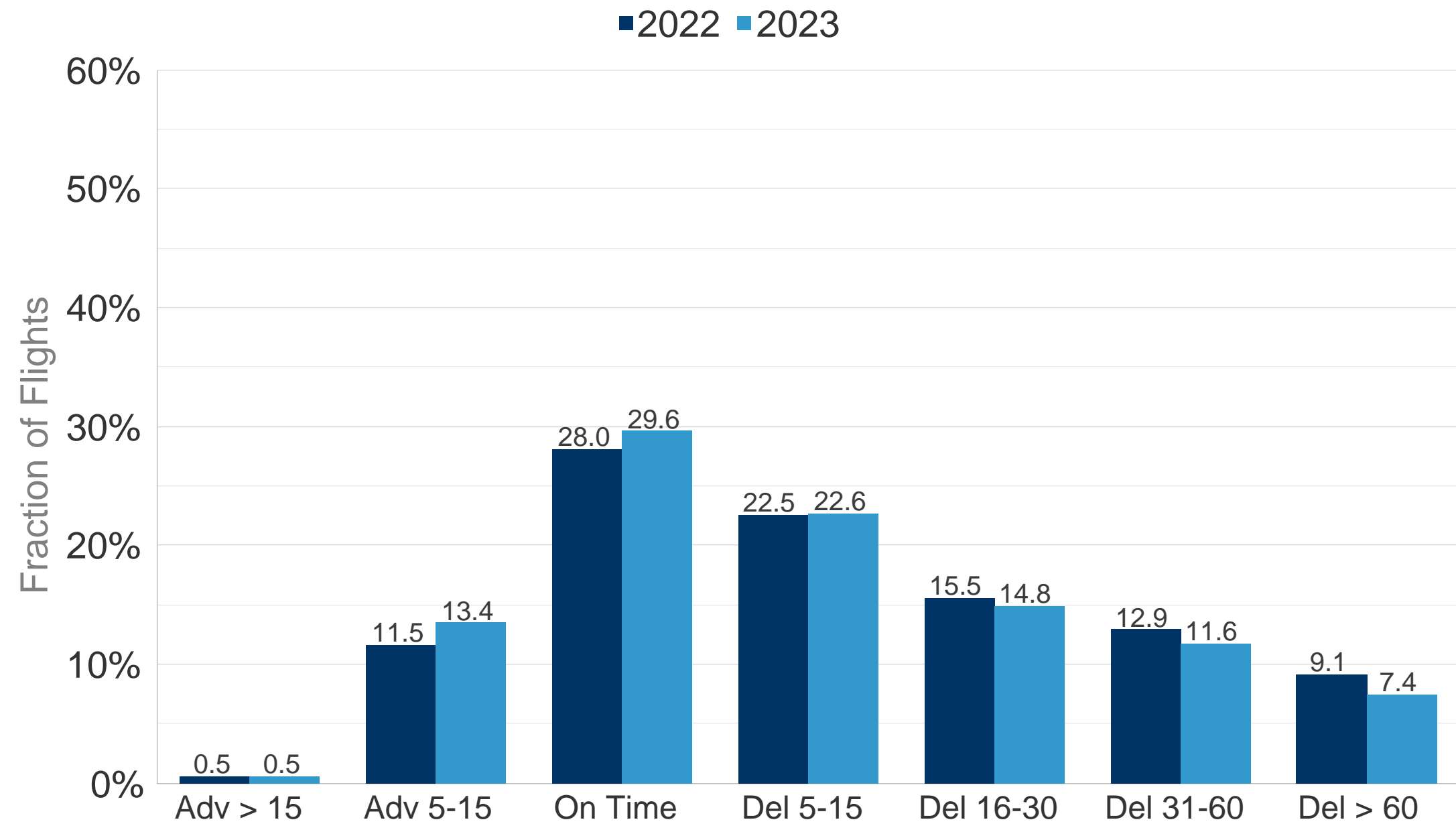
**Grouped Departure Delay Causes - September 2023**



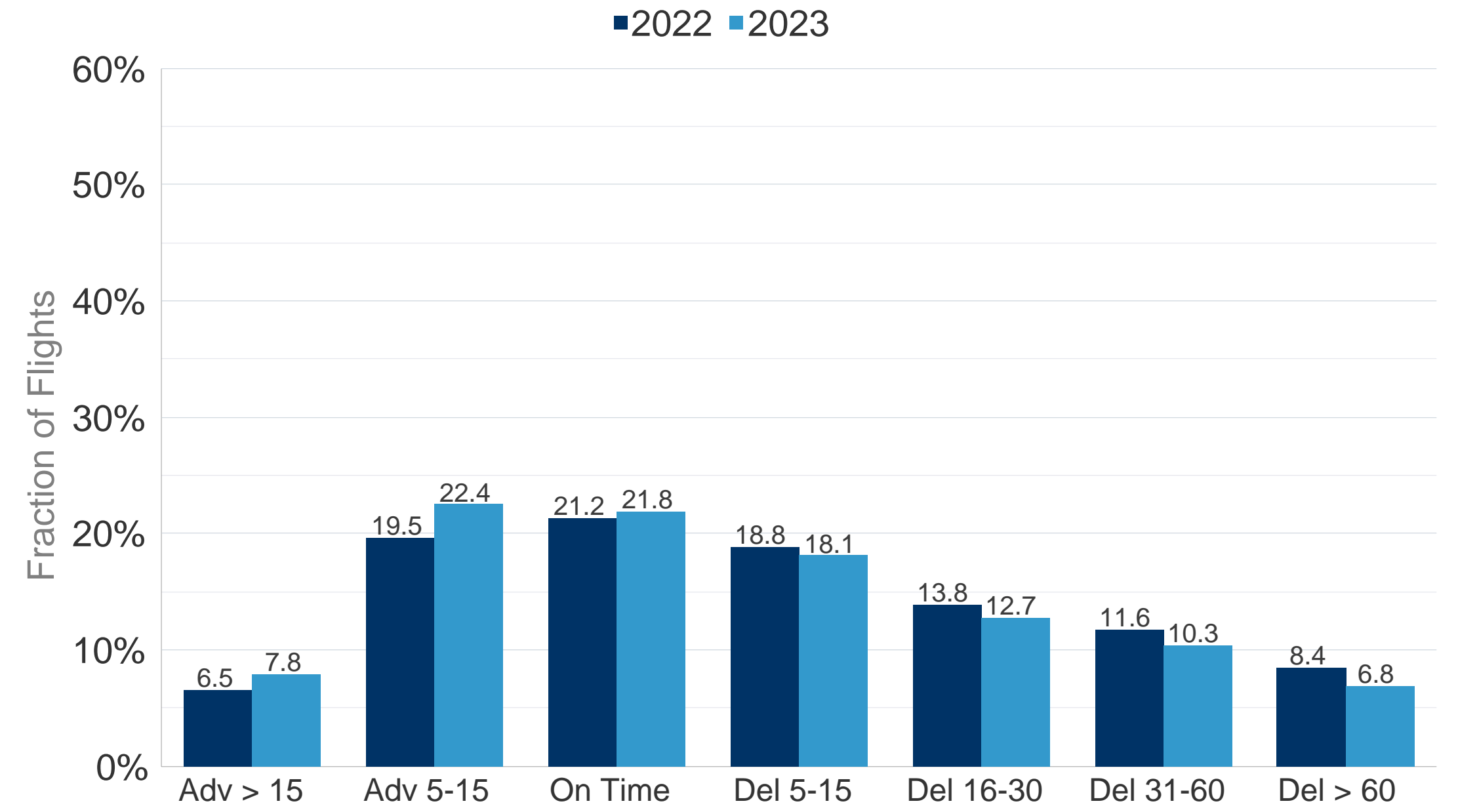
This report is based on partial airline data to be updated once the full dataset is available.  
Current CODA Coverage of IFR Flights in ECAC September 2023: 55.6%  
Date of publication: 23/10/2023 Eurocontrol TLP status: White (Public Information)



### All Causes Departure Punctuality - September 2023



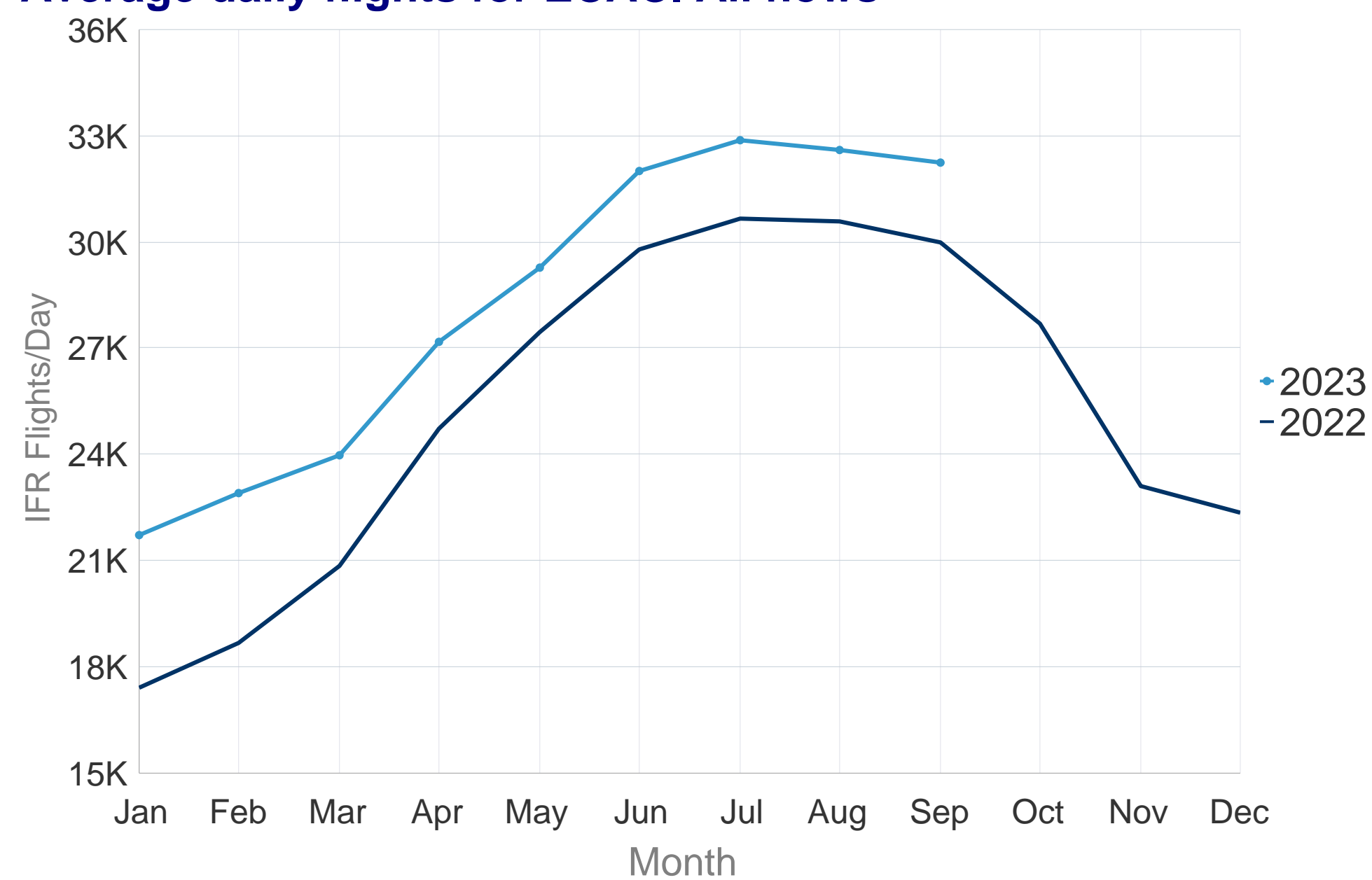
### All Causes Arrival Punctuality - September 2023



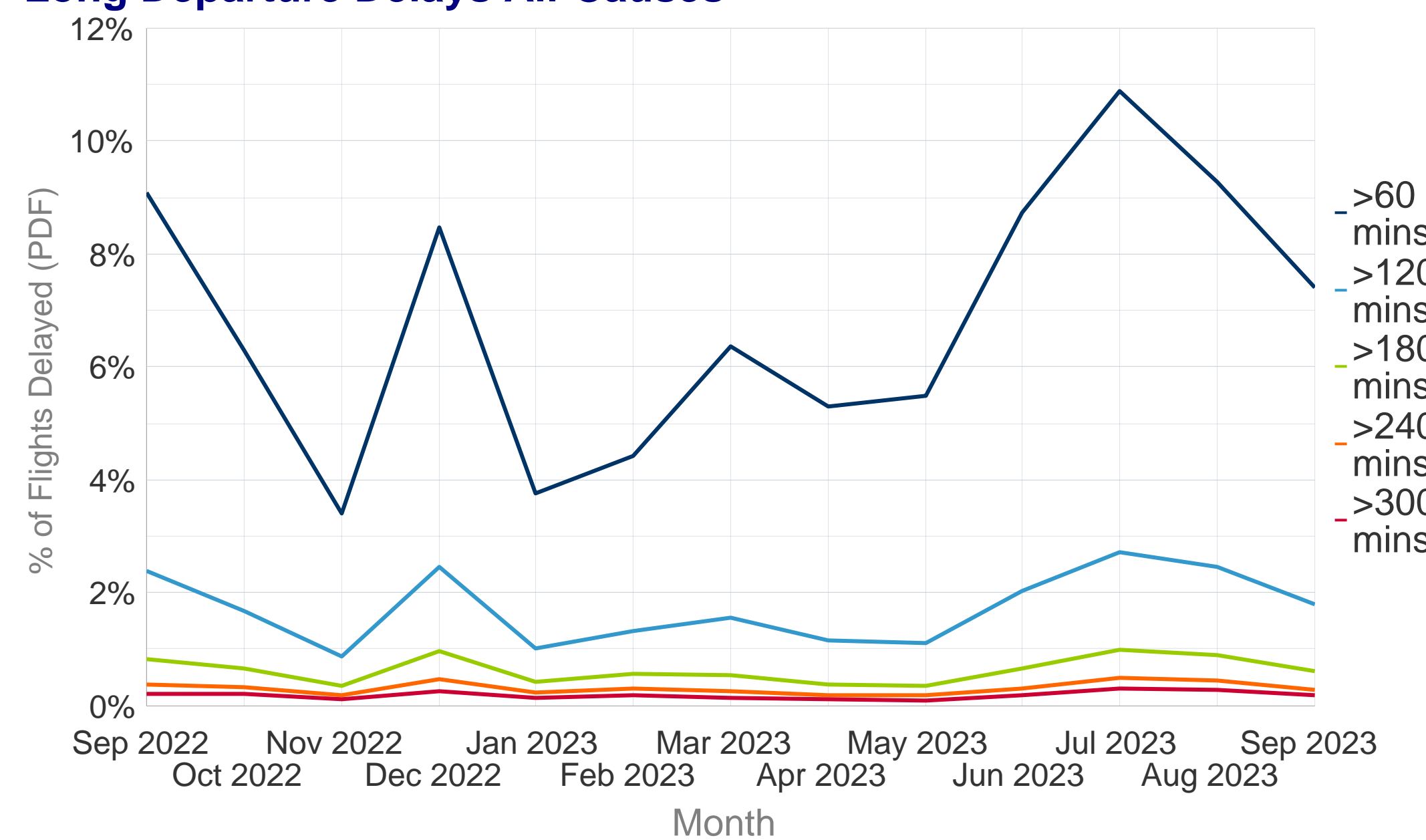
In September 2023, 29.6% of the flights departed within the 5 minutes threshold before or after the scheduled departure time (STD); **an increase** of 1.5 points from 28.0% compared to previous year. Flights delayed >30 minutes from all-causes **decreased** from 21.9% to 19.0%.

In September 2023, 21.8% of the flights arrived within the 5 minutes threshold before or after the scheduled arrival time (STA); **an increase** of 0.6 points from 21.2% compared to previous year. Flights delayed >30 minutes from all-causes **decreased** from 20.1% to 17.1%.

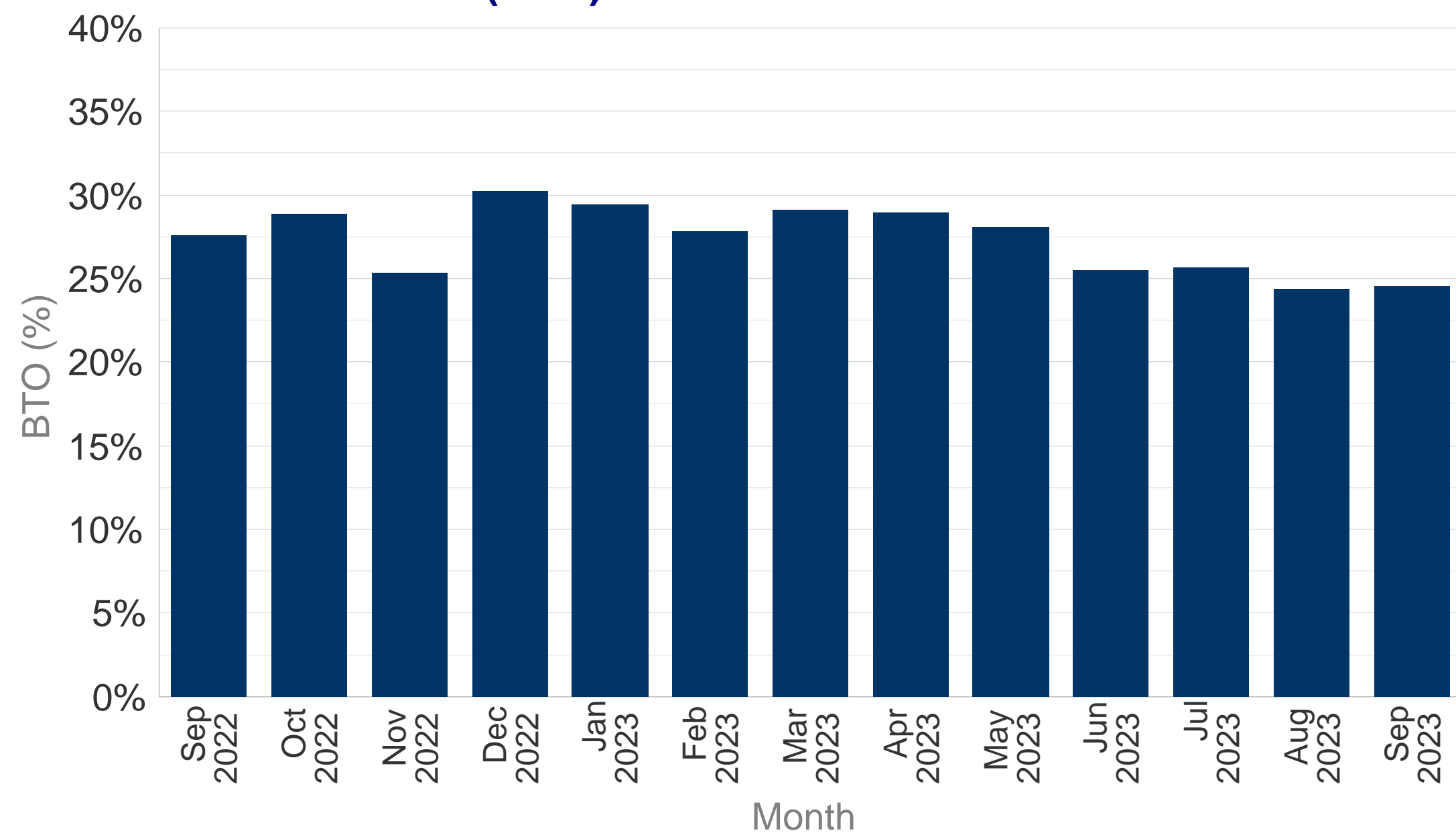
### Average daily flights for ECAC. All flows



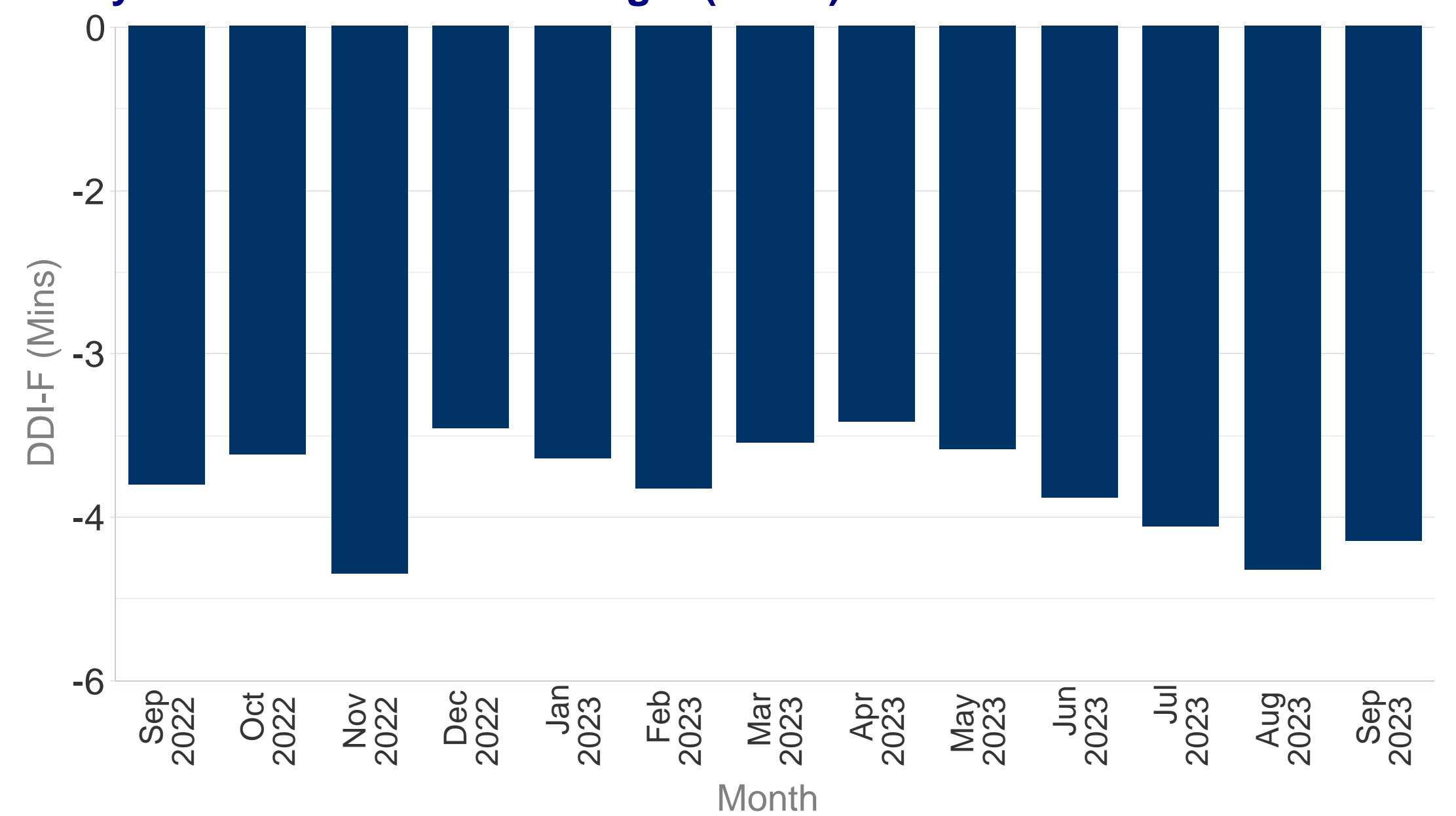
### Long Departure Delays All-Causes



### Block Time Overshoot (BTO)



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



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