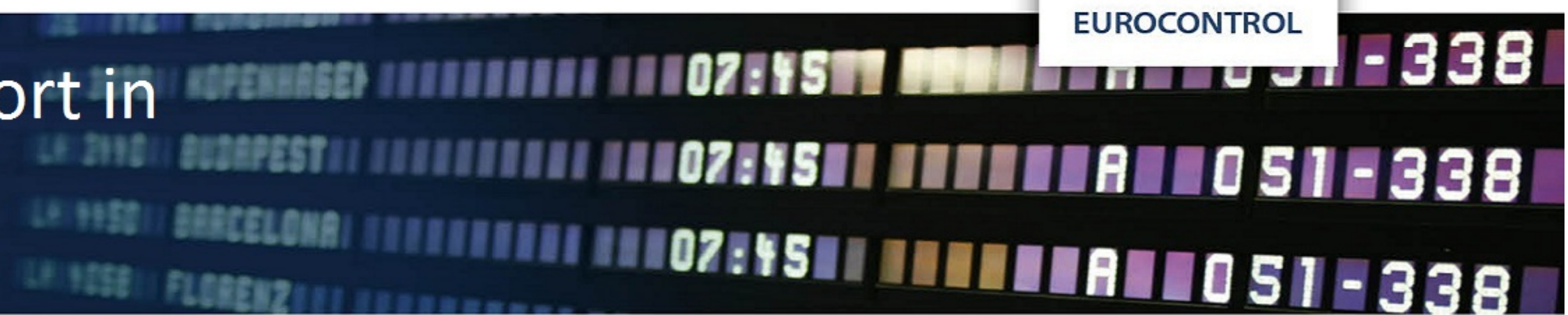




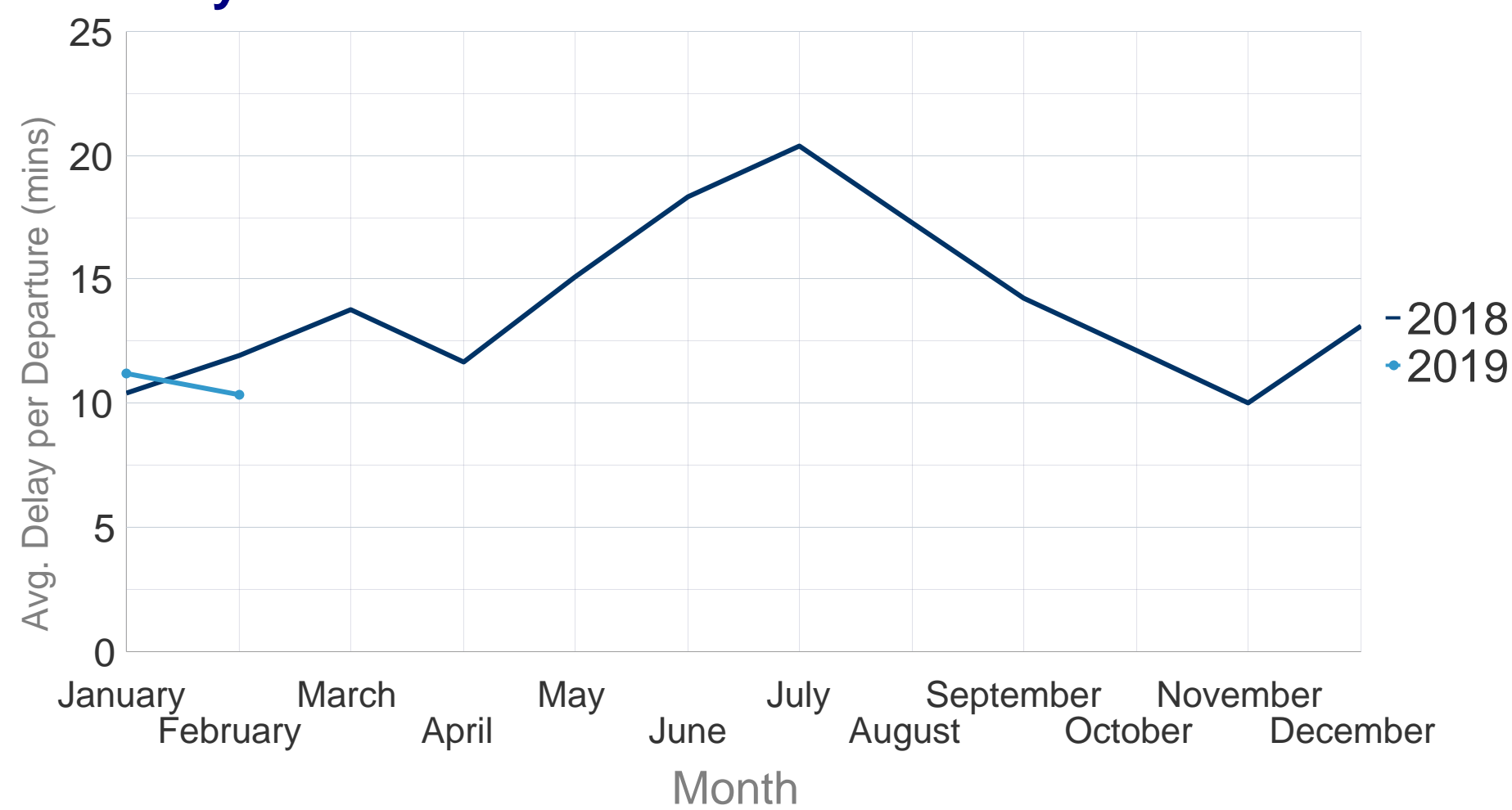
All-Causes Delay to Air Transport in Europe



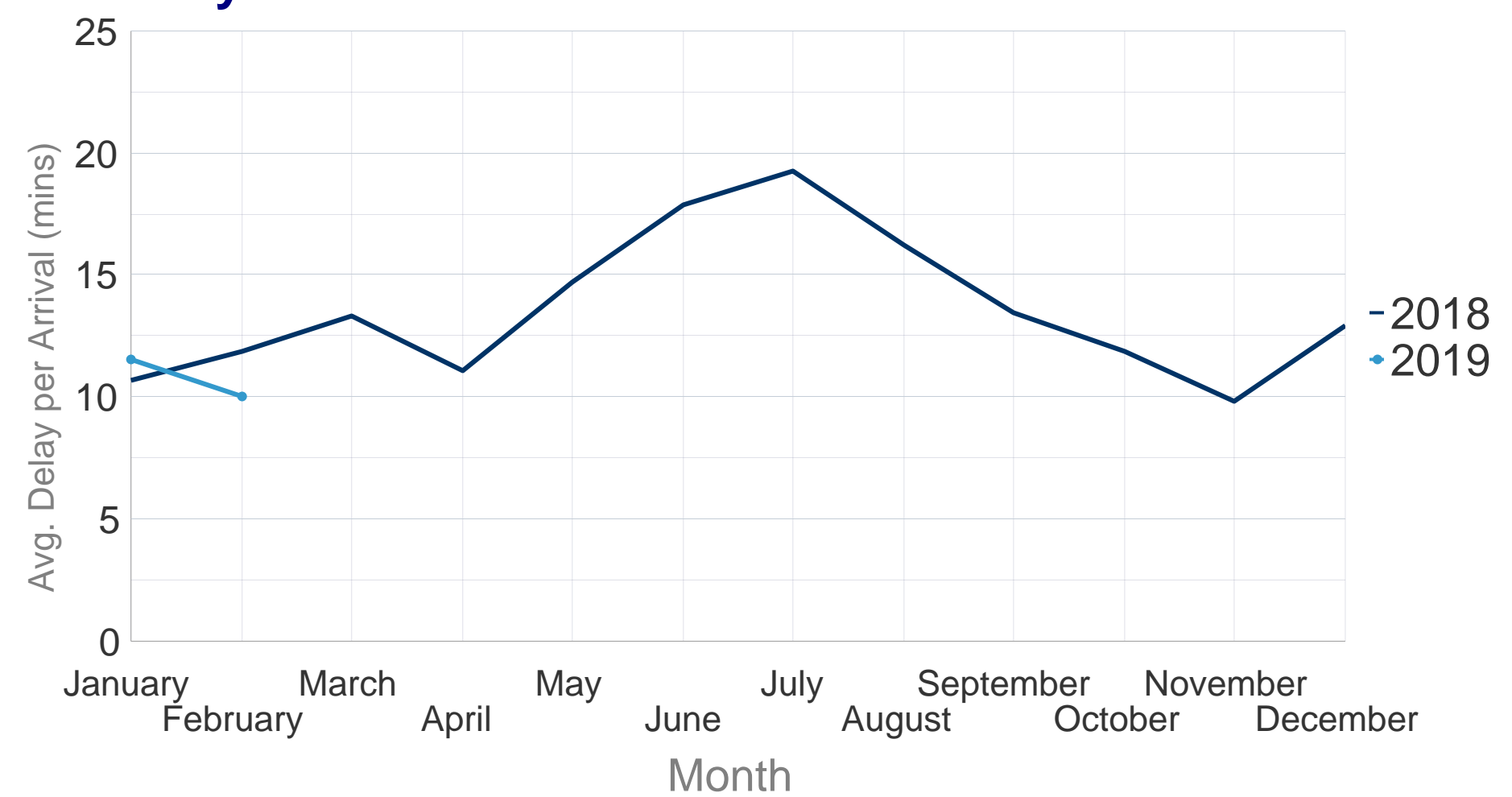
February 2019

In February, an industrial action at Hamburg (04 February) and Düsseldorf airport (07 February) impacted their respective operations. The Belgian ATC industrial action on 13 February generated en-route ATFM delay and NM estimates that 835 flights did not operate to/from Belgian airports and approximately 1,340 fewer flights did not operate through Brussels ACC. The volcanic ash cloud due to the eruption of Mt. Etna generated ATFM delay at Catania airport from 17 to 22 February. Low visibility and strong winds impacted operations at London Heathrow, London Gatwick, Istanbul Atatürk and Amsterdam Schiphol.

Average Delay per Flight on Departure (mins) - February 2019



Average Delay per Flight on Arrival (mins) - February 2019



In February 2019 the average delay per flight on departure was 10.4 minutes per flight.

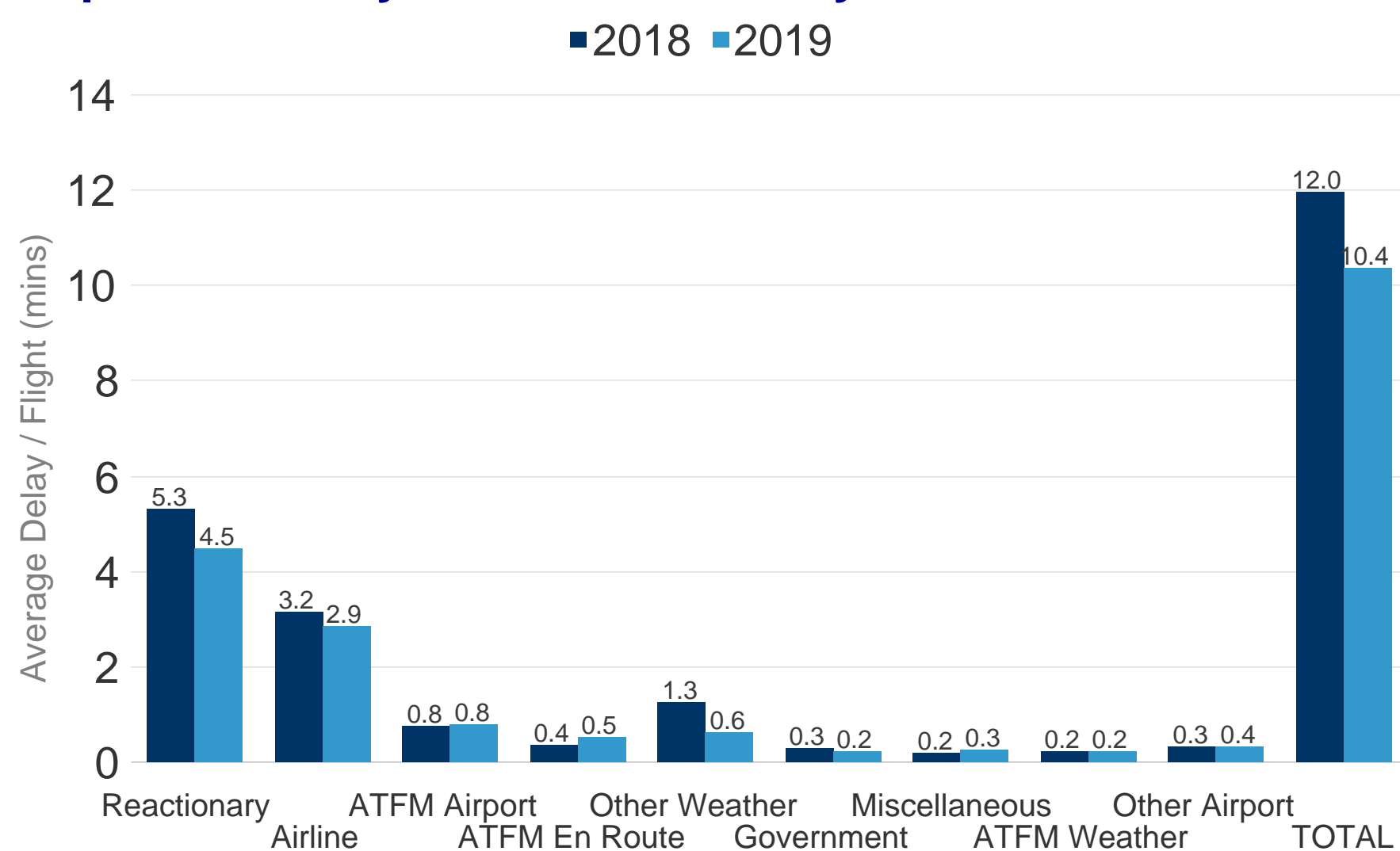
This was a **decrease** of 1.6 minutes per flight when compared to February 2018 where the average delay per flight was 12.0 minutes.

In February 2019 the average delay per flight on arrival was 10.0 minutes per flight.

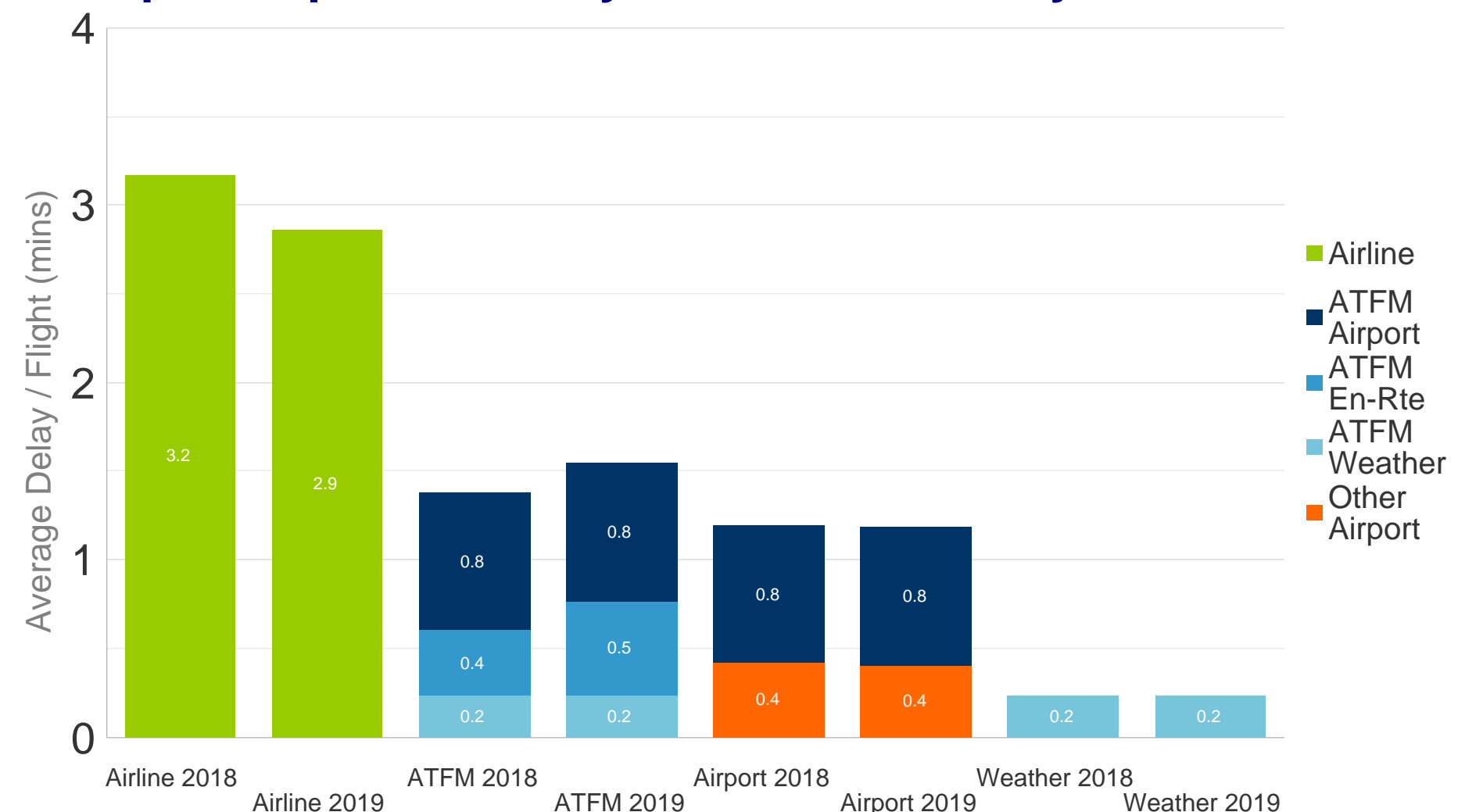
This was a **decrease** of 1.8 minutes per flight when compared to February 2018 where the average delay per flight was 11.9 minutes.

Further analysis of the delay causes shows that reactionary delay contributed 4.5 minutes to the average delay per flight in February 2019.

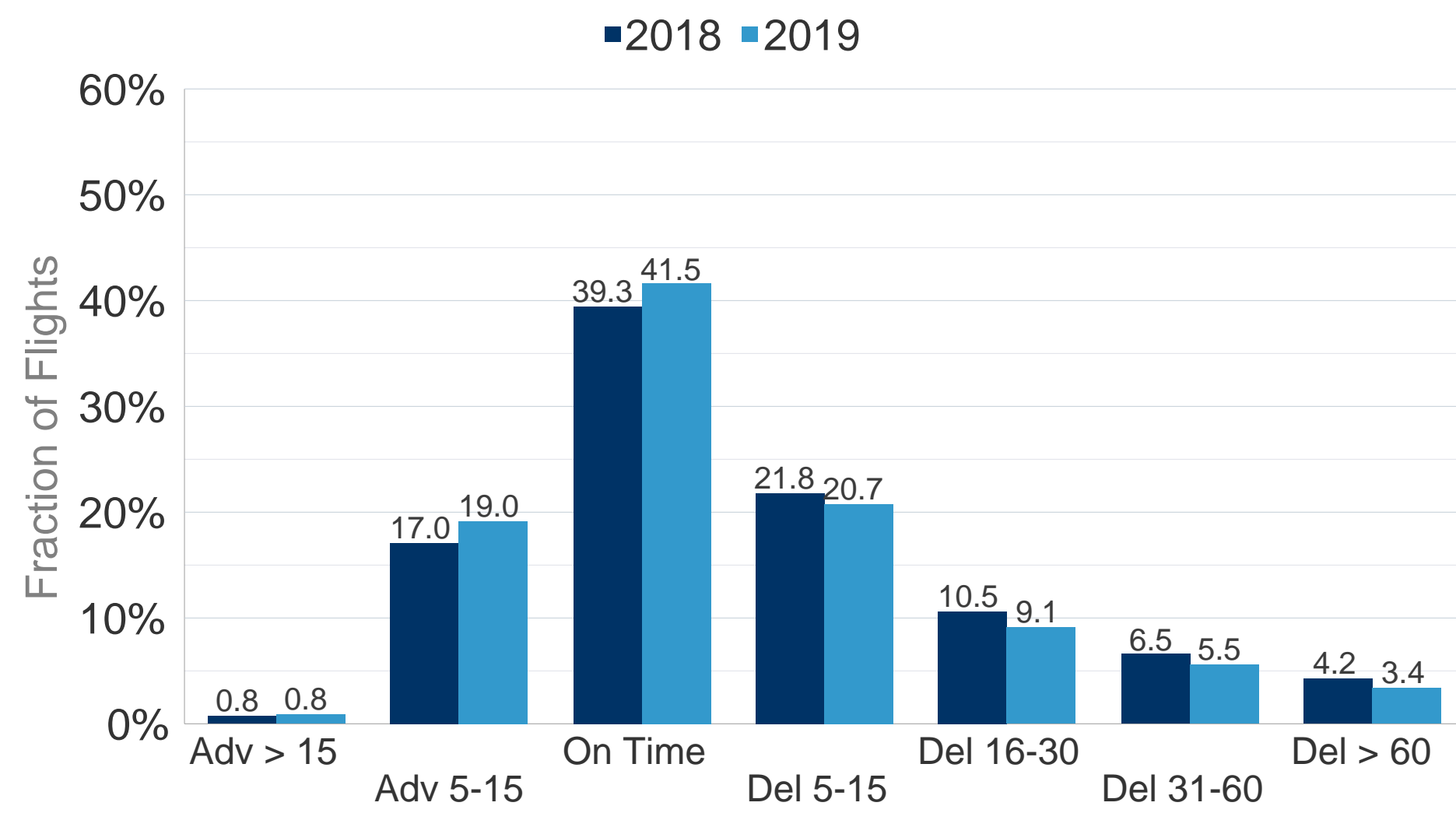
Departure Delay Causes - February 2019



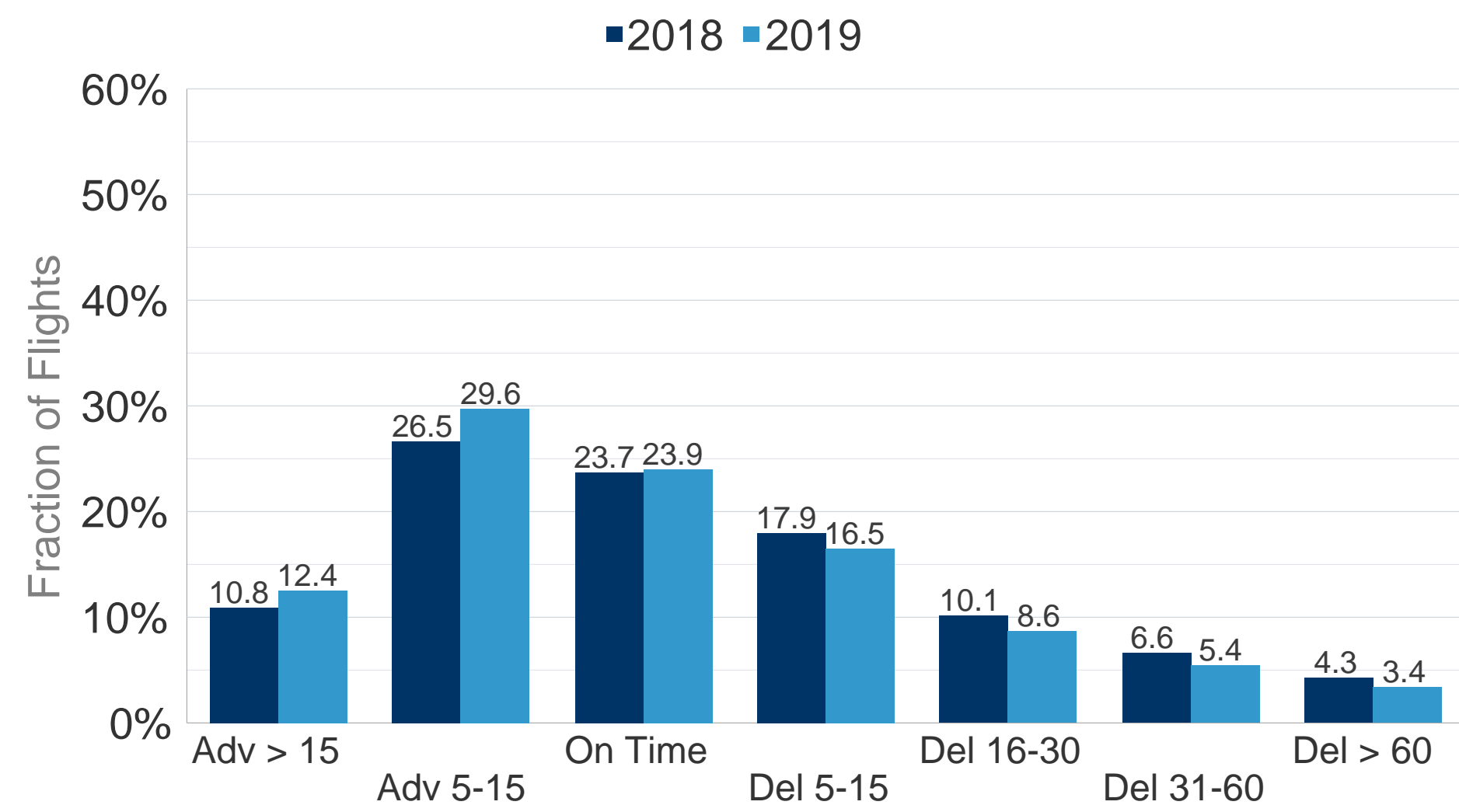
Grouped Departure Delay Causes - February 2019



All Causes Departure Punctuality - February 2019



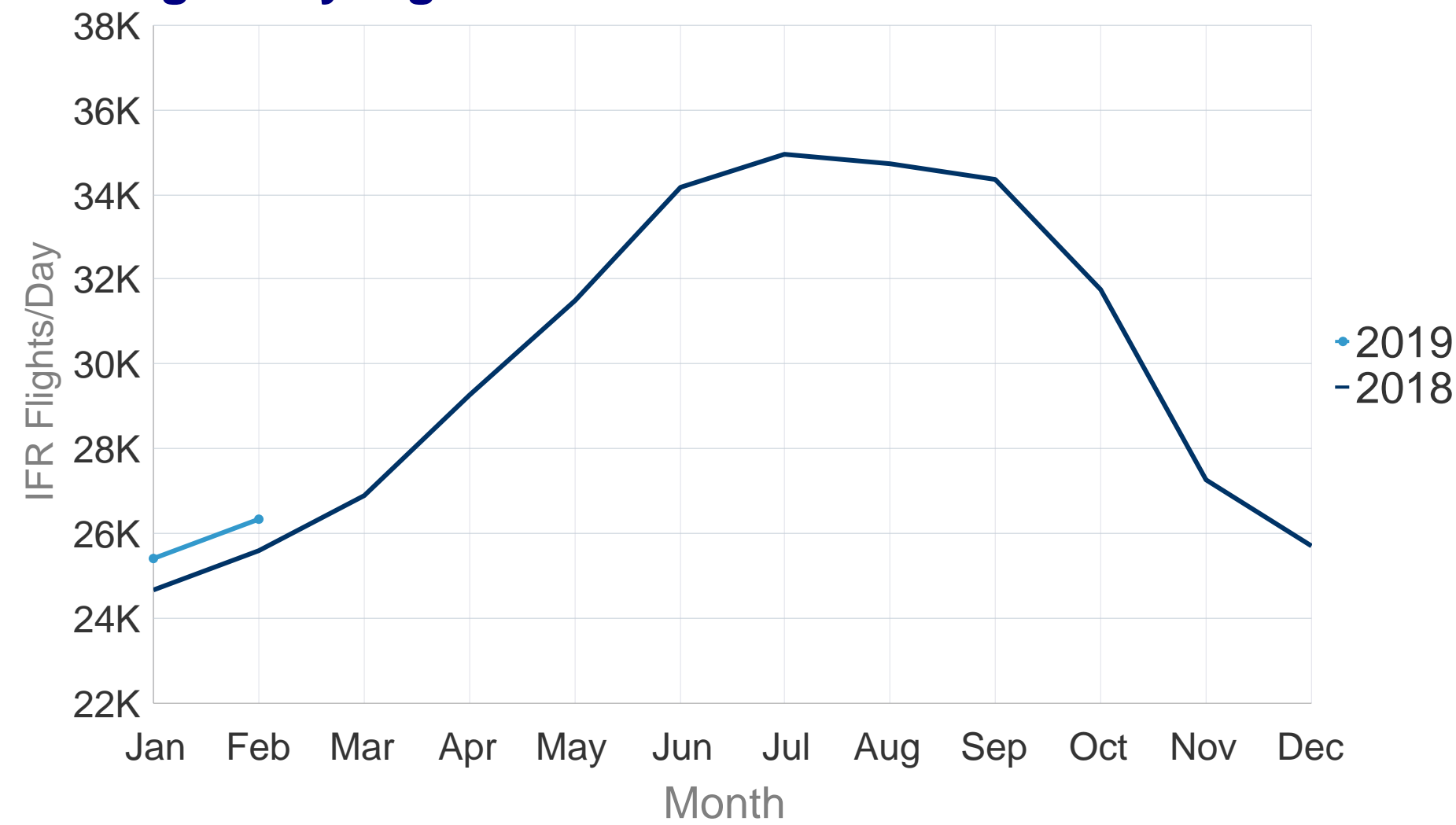
All Causes Arrival Punctuality - February 2019



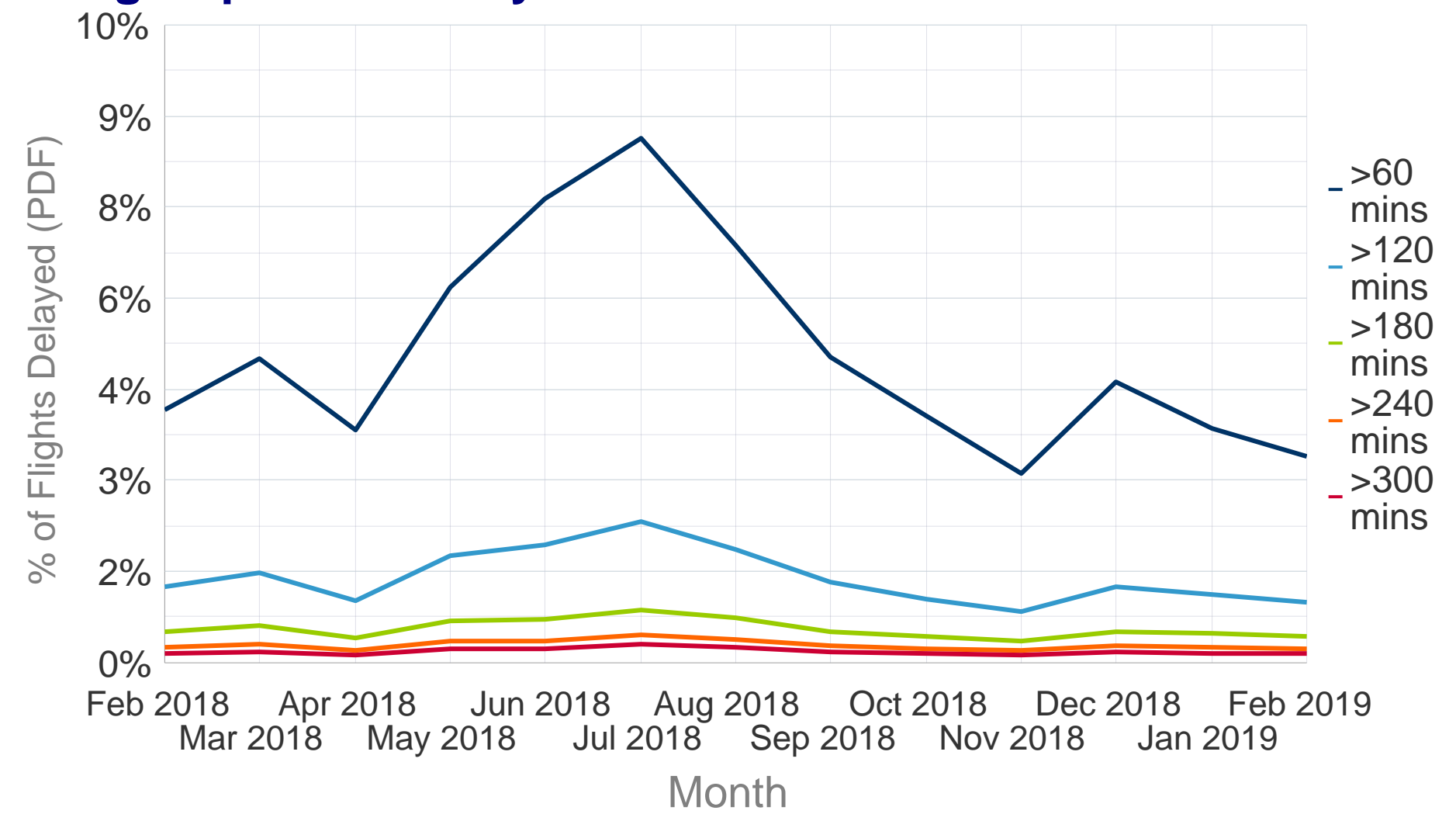
In February 2019, 41.5% of the flights departed within the 5 minutes threshold before or after the scheduled departure time (STD); **an increase** of 2.2 points from 39.3% compared to previous year. Flights delayed >30 minutes from all-causes **decreased** from 10.6% to 8.9%.

In February 2019, 23.9% of the flights arrived within the 5 minutes threshold before or after the scheduled arrival time (STA); **an increase** of 0.2 points from 23.7% compared to previous year. Flights delayed >30 minutes from all-causes **decreased** from 10.9% to 8.8%.

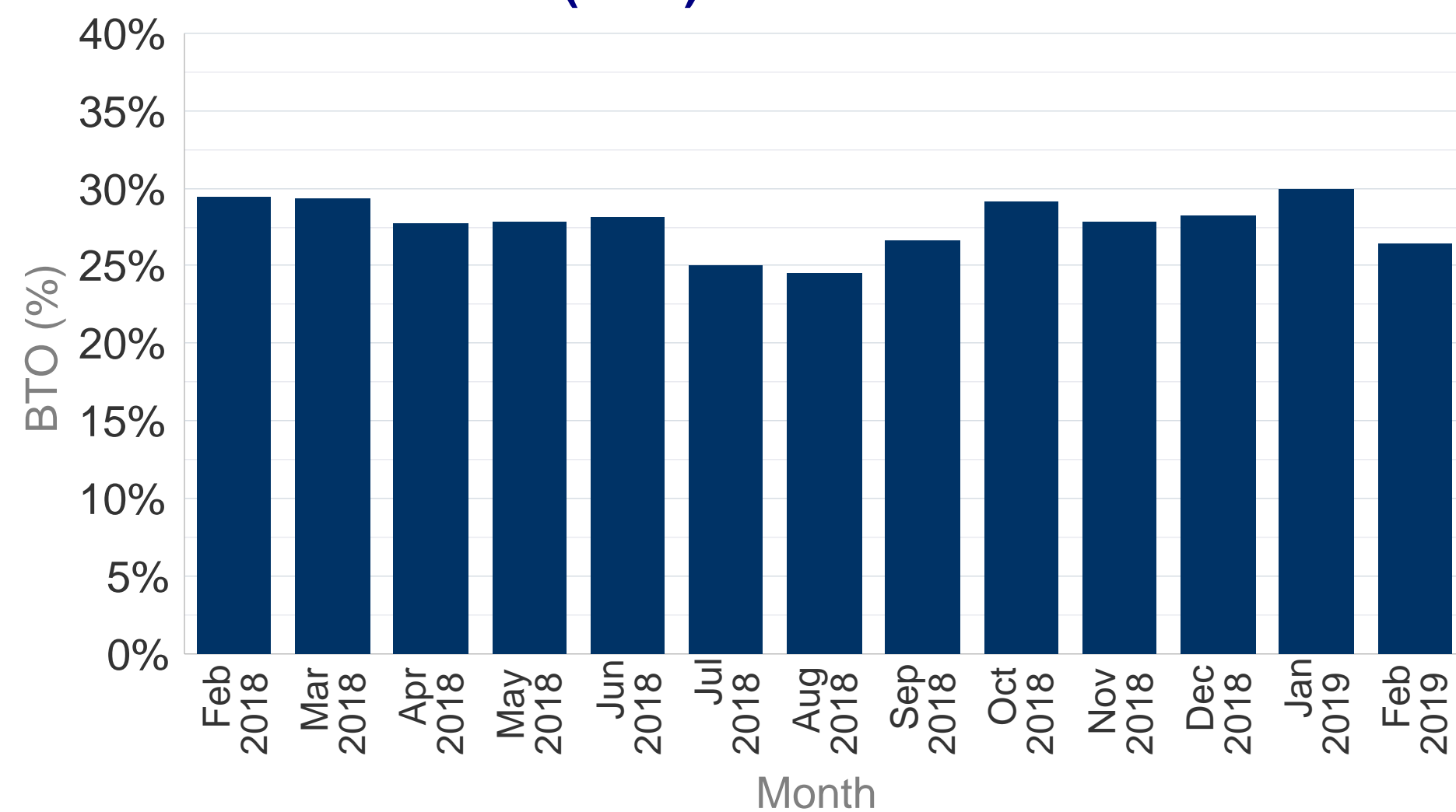
Average daily flights for ECAC. All flows



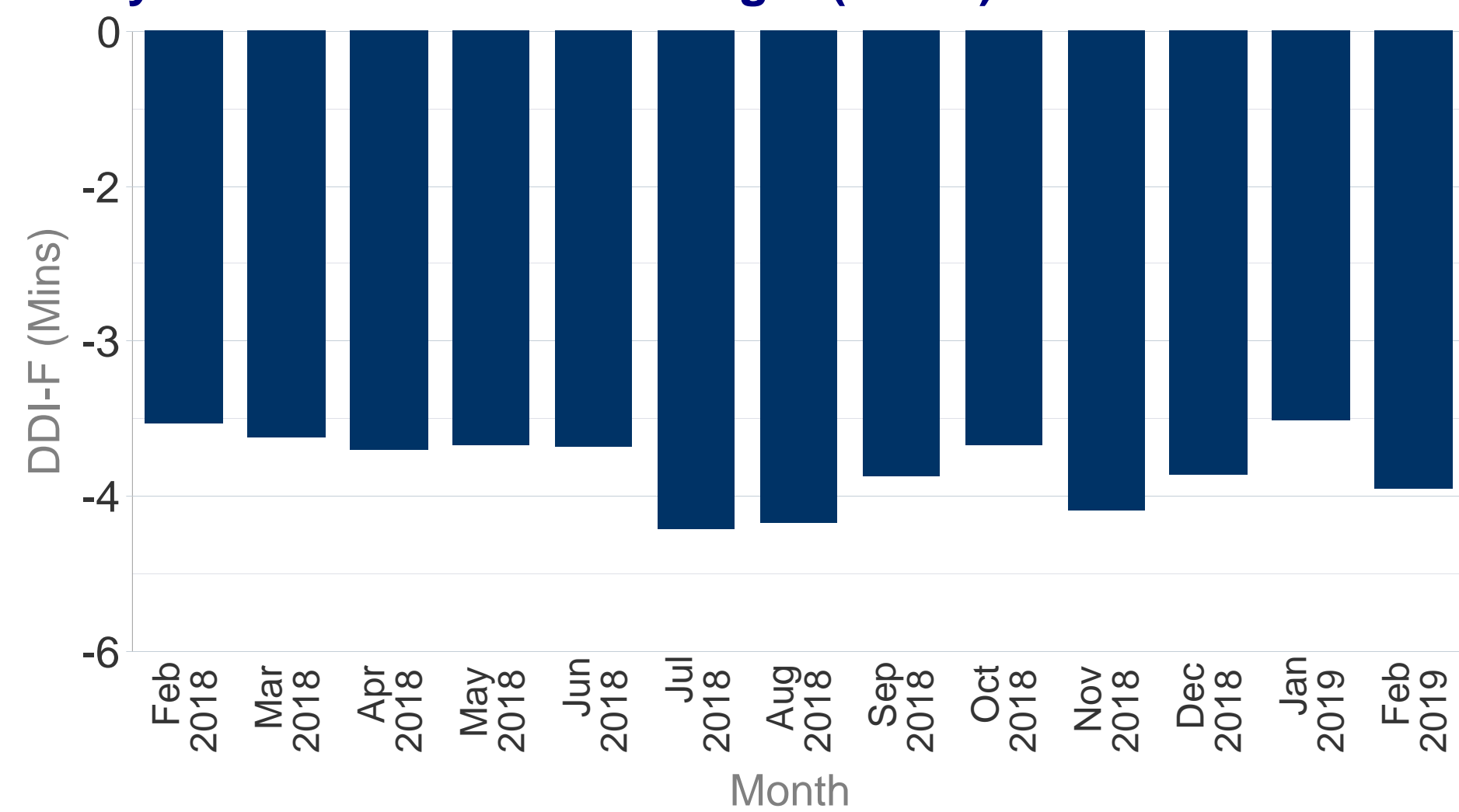
Long Departure Delays All-Causes



Block Time Overshoot (BTO)



Delay Difference Indicator - Flight (DDI-F)



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