



All-Causes Delay to Air Transport in Europe

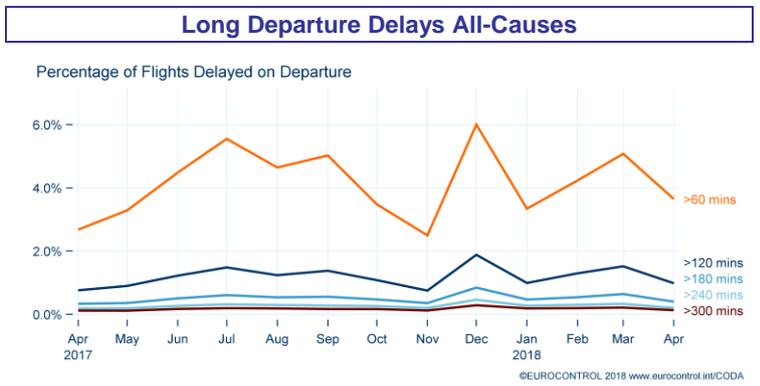
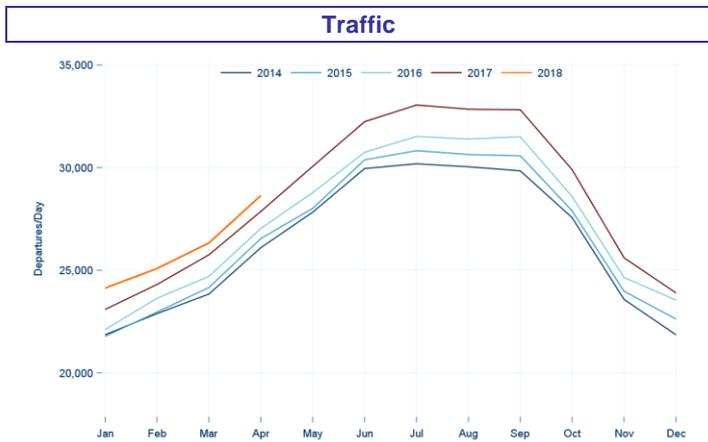
April 2018 – based on preliminary airline data*

Summary & Significant Events

Preliminary data from airlines describing all-causes delay in April 2018 illustrated a continuation in the trend of higher delays in 2018, with April 2018 delays at their highest level for the last 5 years. In a month where ATC industrial action in France caused increased ATFM delay, notably during the first rotation hours which in turn caused an increase in reactionary delays for airlines.

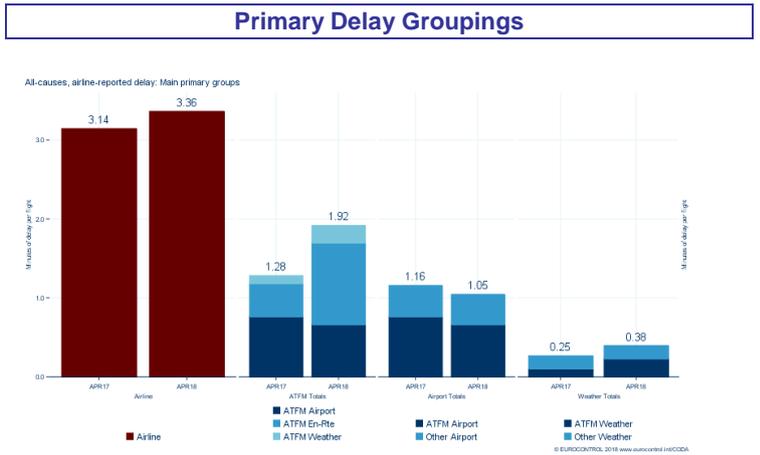
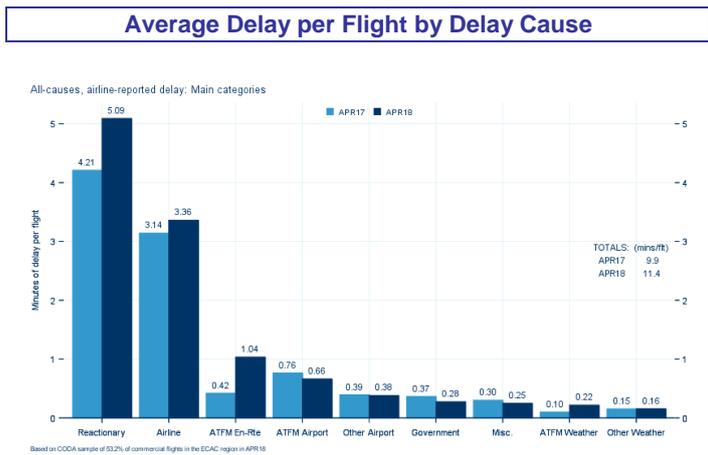
Industrial action in Marseille ACC caused disruption on 07 to 09 April and 28 to 30 April. Karlsruhe UAC, Maastricht UAC and Brest U/ACC suffered from ATC staffing and ATC capacity delays. In regard to airports, Istanbul Ataturk and Amsterdam Schiphol continue to suffer from capacity issues. London Heathrow, London Stansted and Amsterdam Schiphol were also affected by weather this being mainly due to winds.

The average delay per delayed flight on departure (ADD) was 26.8 minutes, an increase in comparison to April 2017 where the ADD was 23.9 minutes per flight. The percentage of delayed flights (PDF) (≥ 5 minutes) on departure was 43.0%, an increase of 2.5 percentage points when compared to the same month in 2017. The percentage of delayed flights on arrival also increased, this to 37.8% when compared to April 2017 where 35.8% of flights were delayed on arrival.



In April 2018, ECAC saw an increase of 2.9% in the number of flights per day compared to April 2017.

The percentage of delayed flights greater than 60 minutes from all-causes increased from 2.7% to 3.6% when compared to April 2017.



The average delay per flight in April 2018 increased by 1.5 minutes to 11.4 minutes per flight. ATFM en-route delay increased to 1 minute per flight, with higher shares of en-route delay being observed notably during the first rotation hours, this in turn drove reactionary delay for airlines increasing to 5.1 minutes per flight in comparison to 4.2 minutes in April 2017.

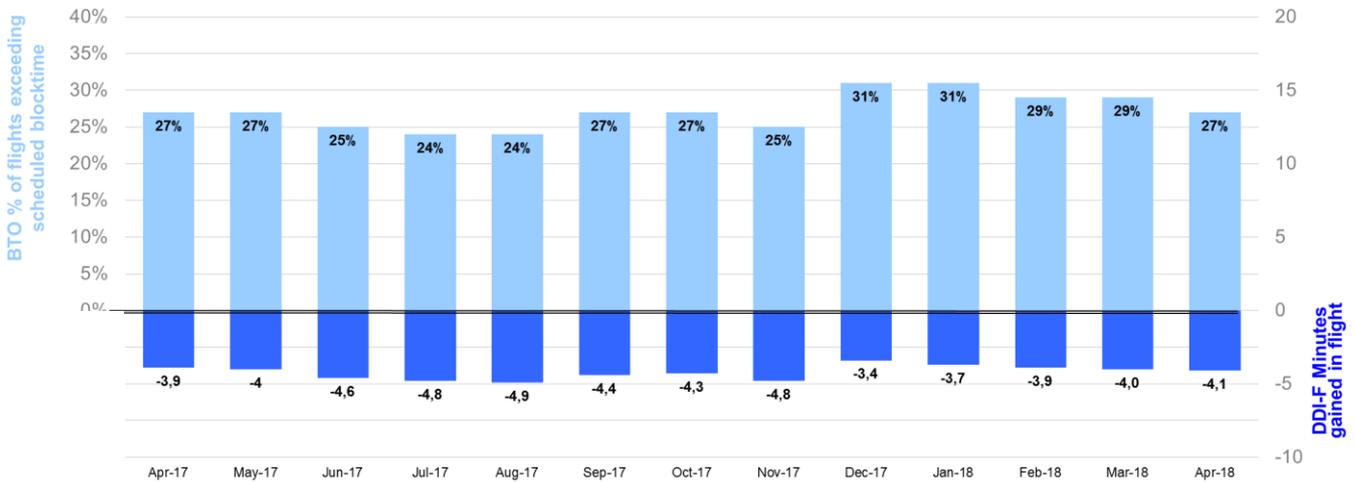
Airline delays increased to 3.4 minutes per flight in April 2018. Grouped ATFM delay as reported by airlines increased, this by 0.6 minutes to 1.9 minutes per flight. The main contribution to this change came in ATFM en-route, this increasing to 1 minute per flight.

* This CODA report is based on airline data as currently available. Airline data coverage for April 2018 so far is: 52%
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CODA Scheduling Indicators

The **Block Time Overshoot (BTO)** or the percentage of flights with an actual block time which exceeds the scheduled block time increased in April 2018 with 27% of flights exceeding their block times compared to a year ago.

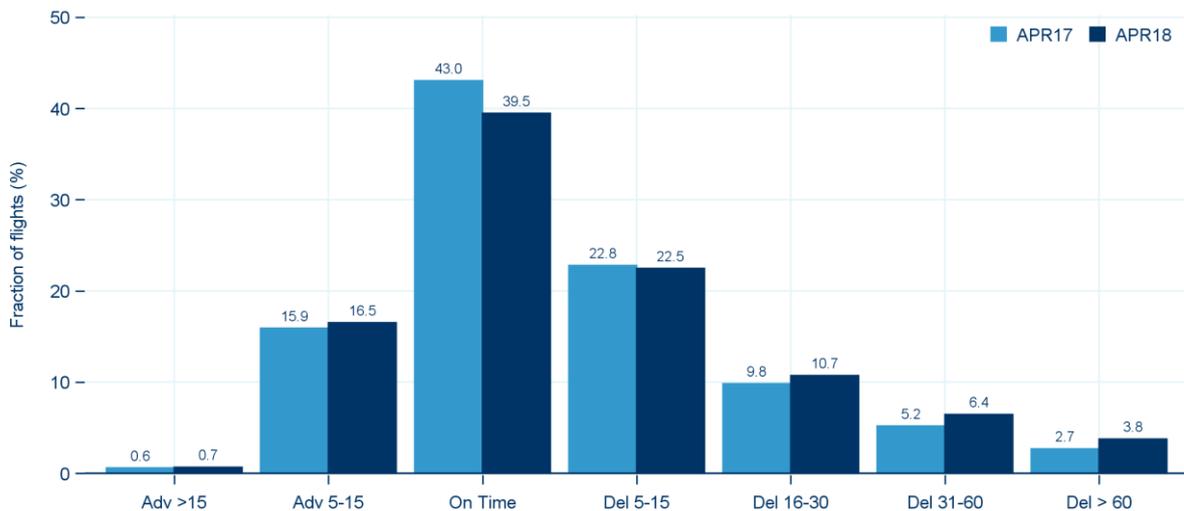
The **Delay Difference Indicator - Flight (DDI-F)** or the difference between departure and arrival punctuality expressed in minutes. This can be indicated as a positive or negative figure, for example a flight departing with 20 minutes delay and arriving with 30 minutes arrival delay will have a DDI-F of +10 minutes. The European DDI-F in April 2018 was -4.1 minutes, increasing slightly when compared to April 2017.



Distribution of All Flights by Length of Delay (Departure Punctuality)

In April 2018, 39.5% of flights departed within the 5 minute threshold before or after the scheduled departure time (STD), a decrease of 3.5 percentage points in comparison to April 2017. Flights delayed >30 minutes from all-causes increased from 7.9% to 10.2% when compared to April 2017.

All-Causes Departure punctuality



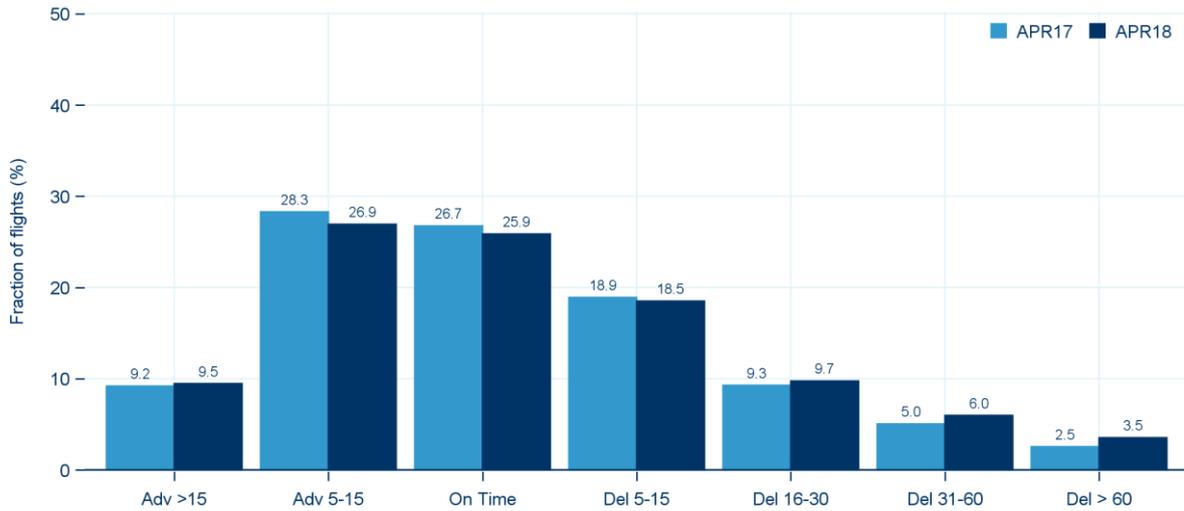
Based on CODA sample of 53.2% of commercial flights in the ECAC region in APR18

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Distribution of All Flights by Length of Delay (Arrival Punctuality)

Arrival punctuality decreased with 80.8% of flights arriving within 15 minutes or earlier of their scheduled time of arrival time compared to 83.1% in April 2017. Flights delayed >30 minutes from all-causes increased from 7.5% to 9.5% when compared to April 2017.

All-Causes Arrival punctuality

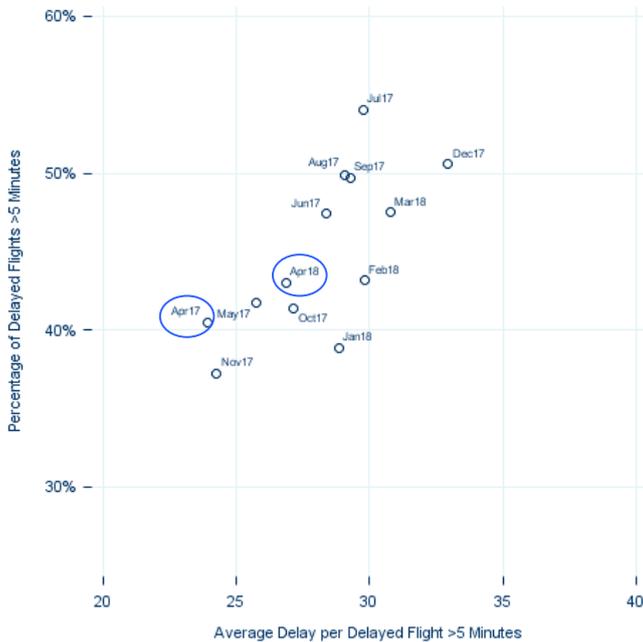


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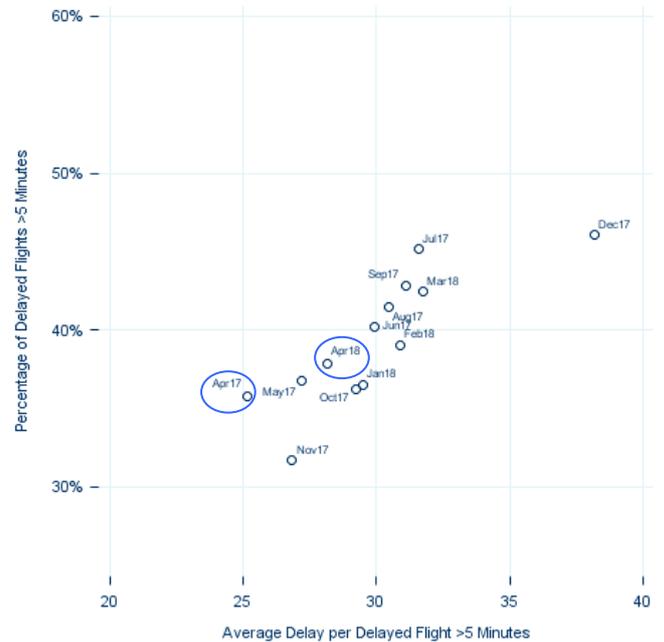
Average Delay per Delayed Flight and Percentage of Delayed Flights Comparison

Departure



In April 2018 the average delay per delayed flight (≥ 5 minutes) on departure was 23.9 minutes, an increase of 2.9 minutes. 43.0% of flights were delayed on departure, an increase of 2.5 percentage points when compared to April 2017.

Arrival



The average delay per delayed flight (≥ 5 minutes) on arrival was 28.2 minutes, an increase of 3.1 minutes. 37.8% of flights were delayed on arrival, an increase of 2 percentage points.

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