Aviation Intelligence Unit
TOP STATS OCTOBER 2019

EUROCONTROL

Comparatives relate to the same period in 2018

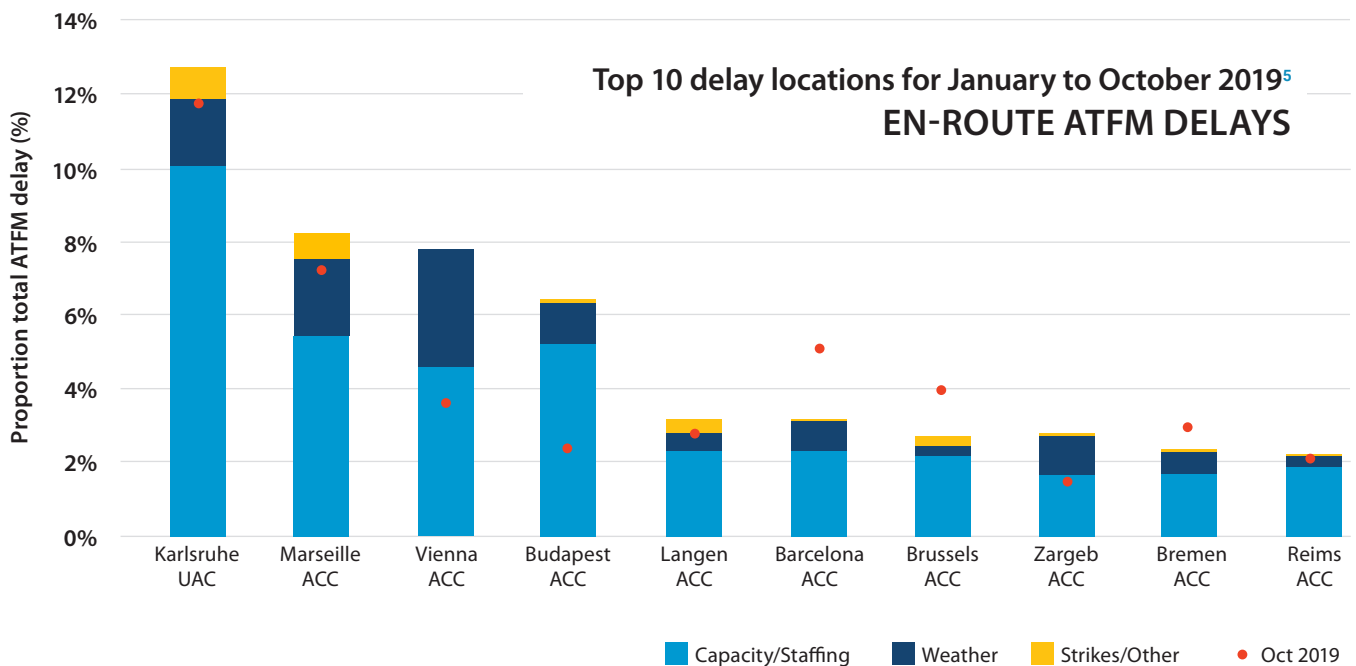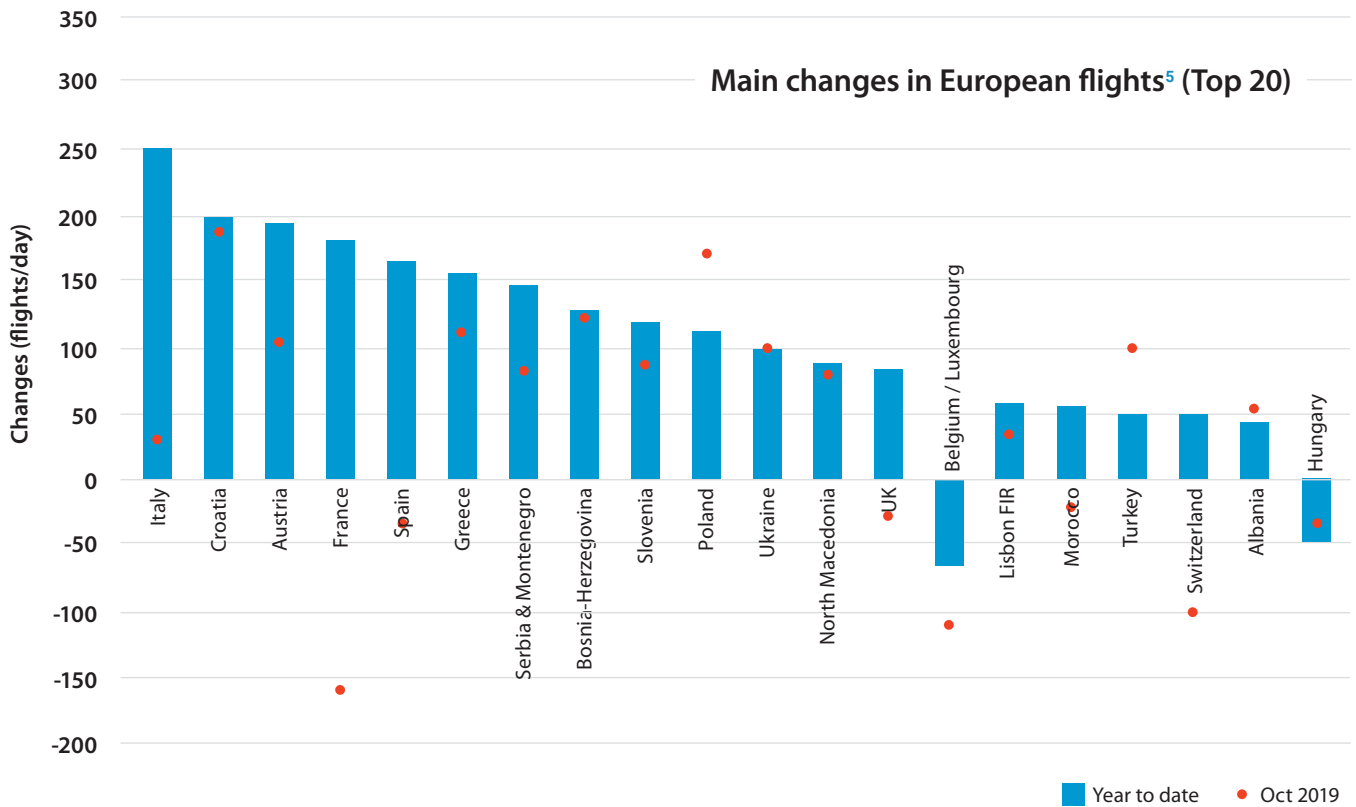|	OCTOBER	YEAR TO DATE
✈ FLIGHTS[1]		
Total network traffic (million)	0.98 million	9.51 million
Average per day and change	31,678 ↓0.3%	31,267 ↑1.2%
DELAYS		
Average delay on arrival (all causes, per flight)	10.9mins ↓7.6%	12.7mins ↓10.7%
Av. arrival punctuality (all causes)[2]	78.3% ↑1.4%	76.8% ↑1.7%
Av. ATFM delay (en-route) per flight	1.00mins ↓18.3%	1.71mins ↓11.0%
Av. ATFM delay (airport) per flight	0.56mins ↓5.1%	0.63mins ↑6.1%
Av. ATFM delay (total) per flight	1.56mins ↓14.0%	2.34mins ↓7.0%
€ CHARGES		
En-route charges[3]	€700 million ↓3.22%	€6.78 billion ↓2.36%
ENVIRONMENT		
CO_2 generated (million tonnes)[4]	18.3 →0.0%	178.5 ↑2.6%

[1] *Number of flights in EUROCONTROL network (41 Member States plus Israel and Morocco, the two Comprehensive Agreement States)*

[2] *Proportion of flights arriving no more than 15 minutes late, as reported by airlines; changes in percentage points*

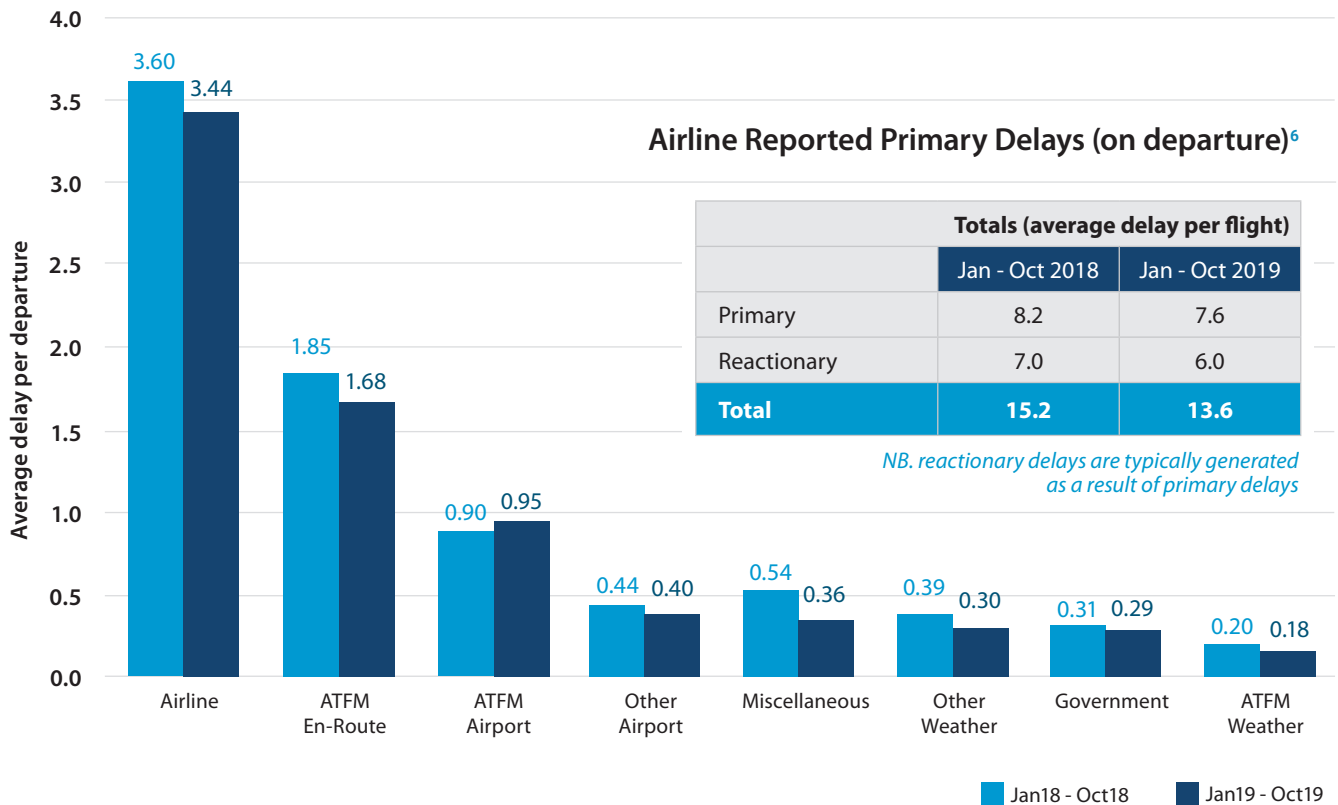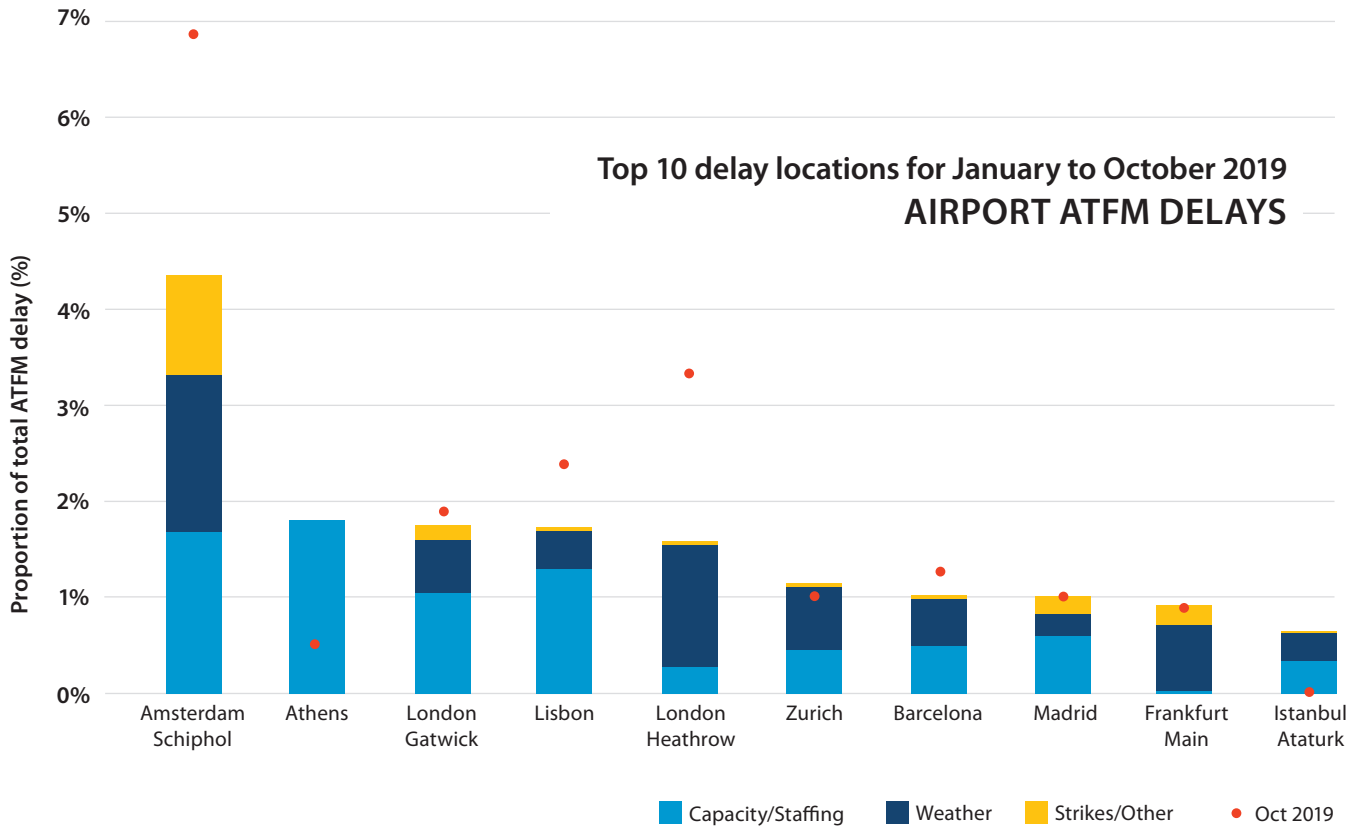[3] *Route charges billed by CRCO for all EUROCONTROL Member States, except Ukraine, Israel & Morocco*

[4] *CO_2 generated for the entire flight for all flights departing EUROCONTROL Member States, except Ukraine*

22 November 2019

FOUNDING MEMBER
SESAR JOINT UNDERTAKING

NETWORK MANAGER

Main changes in European flights[5] (Top 20)

Changes (flights/day)

Categories (left to right): Italy, Croatia, Austria, France, Spain, Greece, Serbia & Montenegro, Bosnia-Herzegovina, Slovenia, Poland, Ukraine, North Macedonia, UK, Belgium / Luxembourg, Lisbon FIR, Morocco, Turkey, Switzerland, Albania, Hungary

Legend: ▆ Year to date   ● Oct 2019

Top 10 delay locations for January to October 2019[5]
EN-ROUTE ATFM DELAYS

Proportion total ATFM delay (%)

Locations: Karlsruhe UAC, Marseille ACC, Vienna ACC, Budapest ACC, Langen ACC, Barcelona ACC, Brussels ACC, Zargeb ACC, Bremen ACC, Reims ACC

Legend: ▆ Capacity/Staffing   ▆ Weather   ▆ Strikes/Other   ● Oct 2019

[5] *Please note that the network measures this summer have resulted in the transfer of traffic from certain areas (with a shortage of capacity) to others. This graph should be read with this in mind.*

Top 10 delay locations for January to October 2019
AIRPORT ATFM DELAYS

Proportion of total ATFM delay (%)

	Capacity/Staffing	Weather	Strikes/Other	● Oct 2019

Airports (x-axis): Amsterdam Schiphol, Athens, London Gatwick, Lisbon, London Heathrow, Zurich, Barcelona, Madrid, Frankfurt Main, Istanbul Ataturk

Airline Reported Primary Delays (on departure)[6]

Average delay per departure

Airline	3.60	3.44
ATFM En-Route	1.85	1.68
ATFM Airport	0.90	0.95
Other Airport	0.44	0.40
Miscellaneous	0.54	0.36
Other Weather	0.39	0.30
Government	0.31	0.29
ATFM Weather	0.20	0.18

Totals (average delay per flight)		
	Jan - Oct 2018	Jan - Oct 2019
Primary	8.2	7.6
Reactionary	7.0	6.0
Total	**15.2**	**13.6**

NB. reactionary delays are typically generated as a result of primary delays

	Jan18 - Oct18	Jan19 - Oct19

[6] *For more information on the different types of delay in this graph, please refer to the CODA Digest https://www.eurocontrol.int/publication/all-causes-delay-and-cancellations-air-transport-europe-2018*

Top 10 Airlines

Jan - Oct 2019	Route charges in M€
Ryanair	597.5
easyJet	391.5
Lufthansa	325.2
British Airways	270.6
Turkish Airlines	247.6
Air France	227.1
TUI Group	189.8
Emirates	185.2
Norwegian Group	173.3
Qatar Airways	158.0

Top 10 Charging Zones

Jan - Oct 2019	Route charges in M€
France	1142.9
Germany	821.4
Italy	674.0
United Kingdom	626.5
Continental Spain	600.1
Turkey	338.3
Austria	194.0
Poland	172.1
Sweden	162.5
Netherlands	162.2

For more information please contact:

infocentre@eurocontrol.int
or
environment@eurocontrol.int

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