



**DFS** Deutsche Flugsicherung

# LIZ

Situation and  
Information Centre

## ATFM delay report

March 2018

### Air Traffic Flow Management (ATFM) delay ATFM measures in Europe (Data source: NM statistics)

	March 2018		March 2017		Trend 18/17
Total flights	835.547		814.156		2,6%
Regulated flights	109.874	13,1%	72.091	8,9%	52,4%
Delayed flights	56.558	6,8%	40.841	5,0%	38,5%

**Total flights**

**Regulated flights**

**Delayed flight**

**Trend column**

Number of flight plans having been activated in the EUROCONTROL NM TACT system

Number of flights / percentage of flights with SLOT allocation (with & without delay)

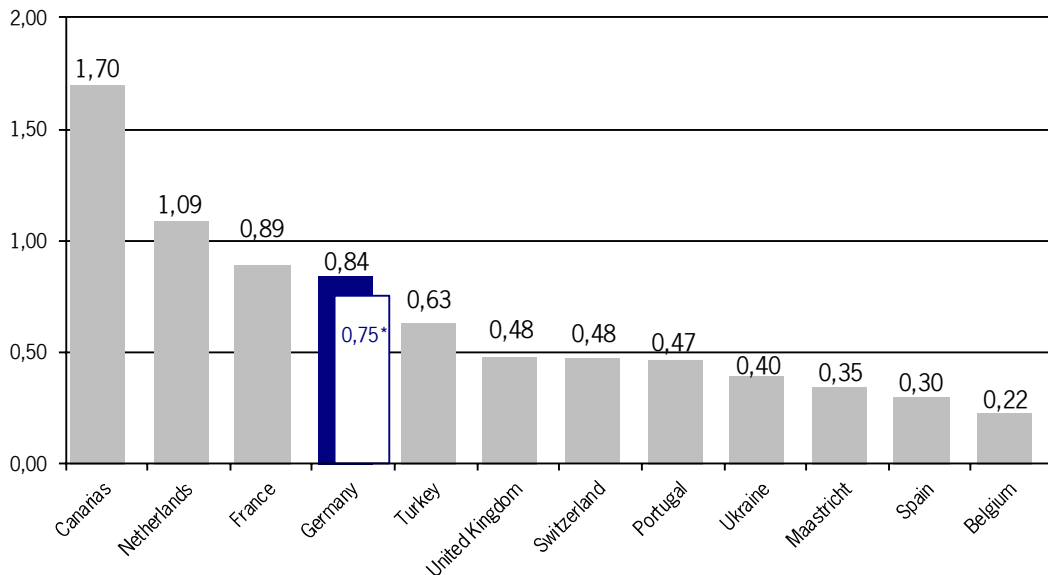
Number of flights / percentage of flights subject to delays due to ATFM measures

The percentages show the changes compared to the corresponding period last year.

### ATFM delay per flight

(Data Source: NM statistics)

Average ATFM delay per flight in minutes attributable to national FMP's



\*caused by ATC  
(source: DFS CC/FC, based on RMP reports)

### ATFM delay as a result of ATFM measures

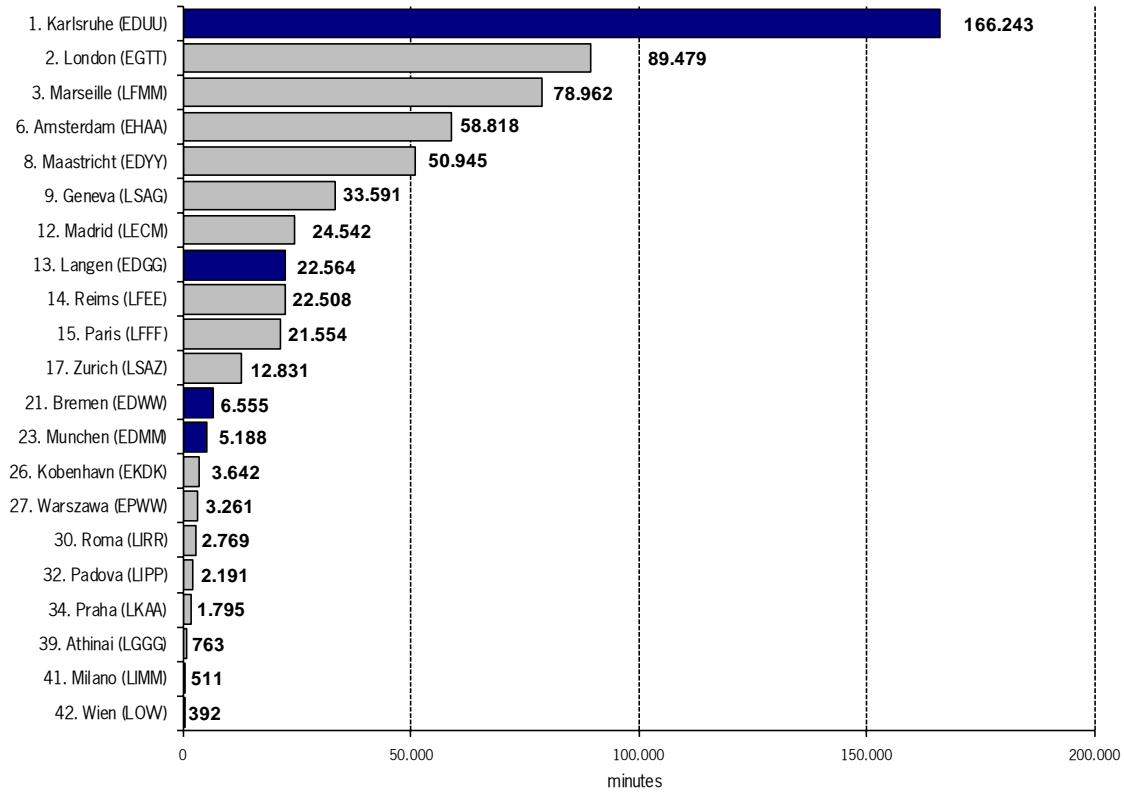
(Data source: NM statistics)

ATFM delay in minutes as a result of ATFM measures of selected European FMPs.

ATFM delay:

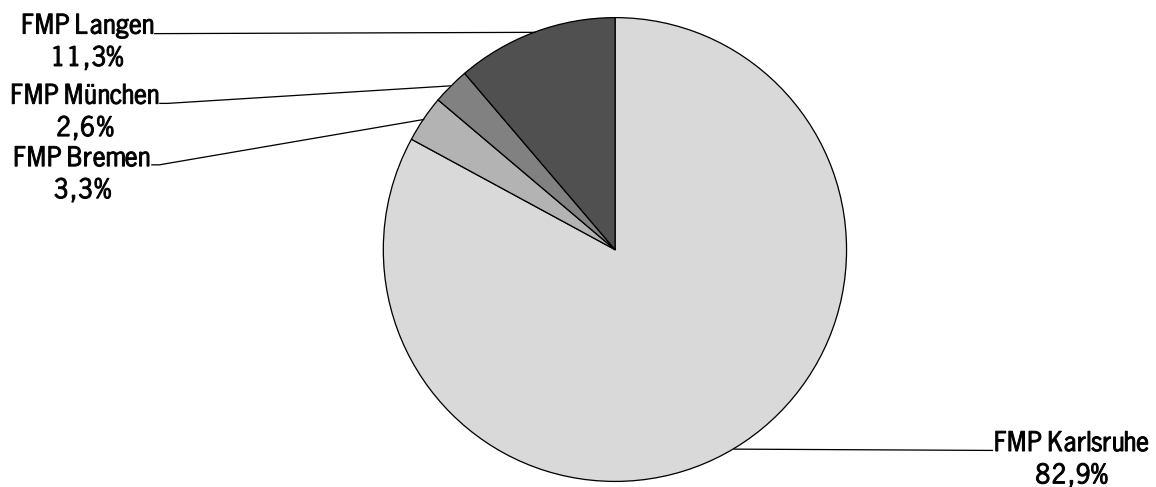
Time difference between estimated take-off time (ETOT) and calculated take-off time (CTOT) of the NM

**Percentage of German FMPs: 21,6% = 200.550 minutes of total delay of 930.508 minutes**

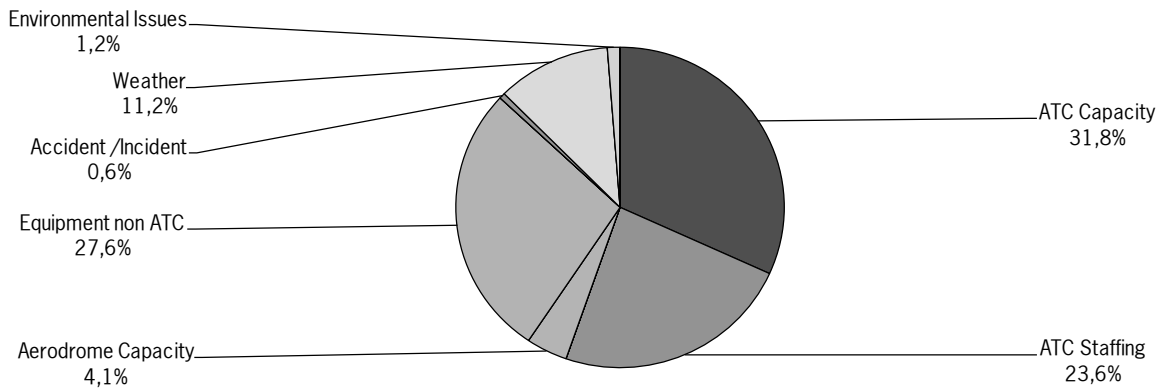


### Percentage of German ATFM delay attributable to different FMPs

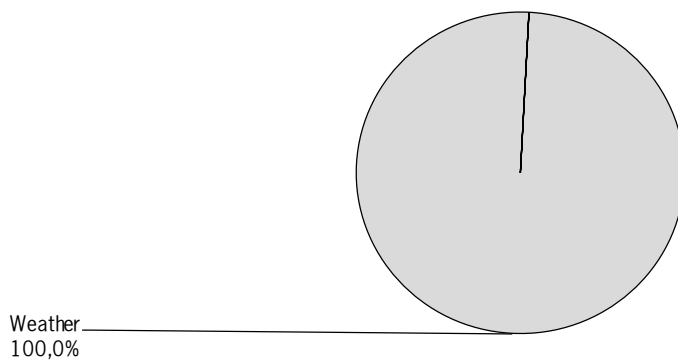
(Data Source: DFS CC-FC, based on FMP reports)



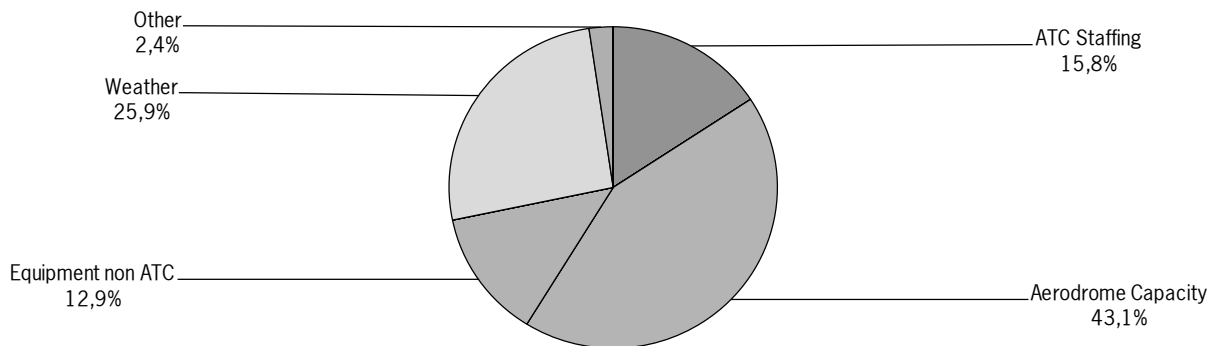
**FMP  
Langen**



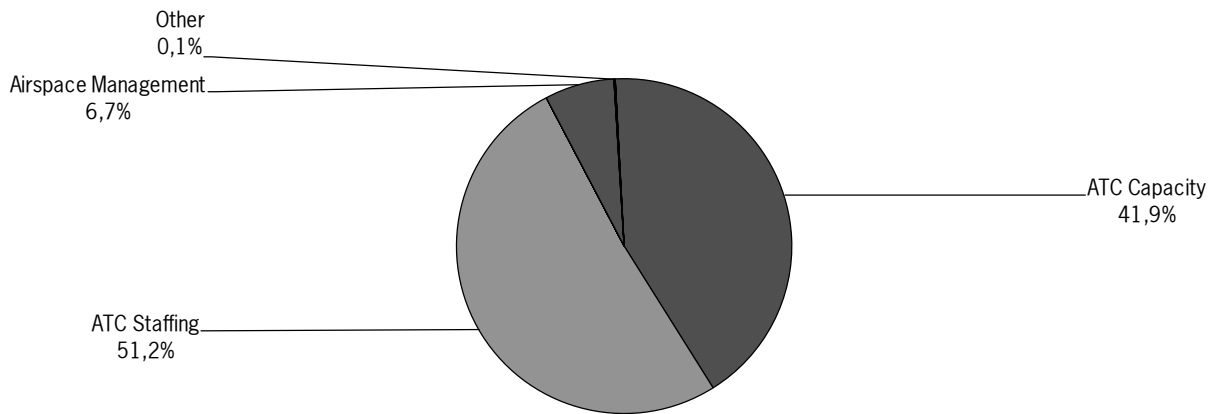
**FMP  
München**



**FMP  
Bremen**

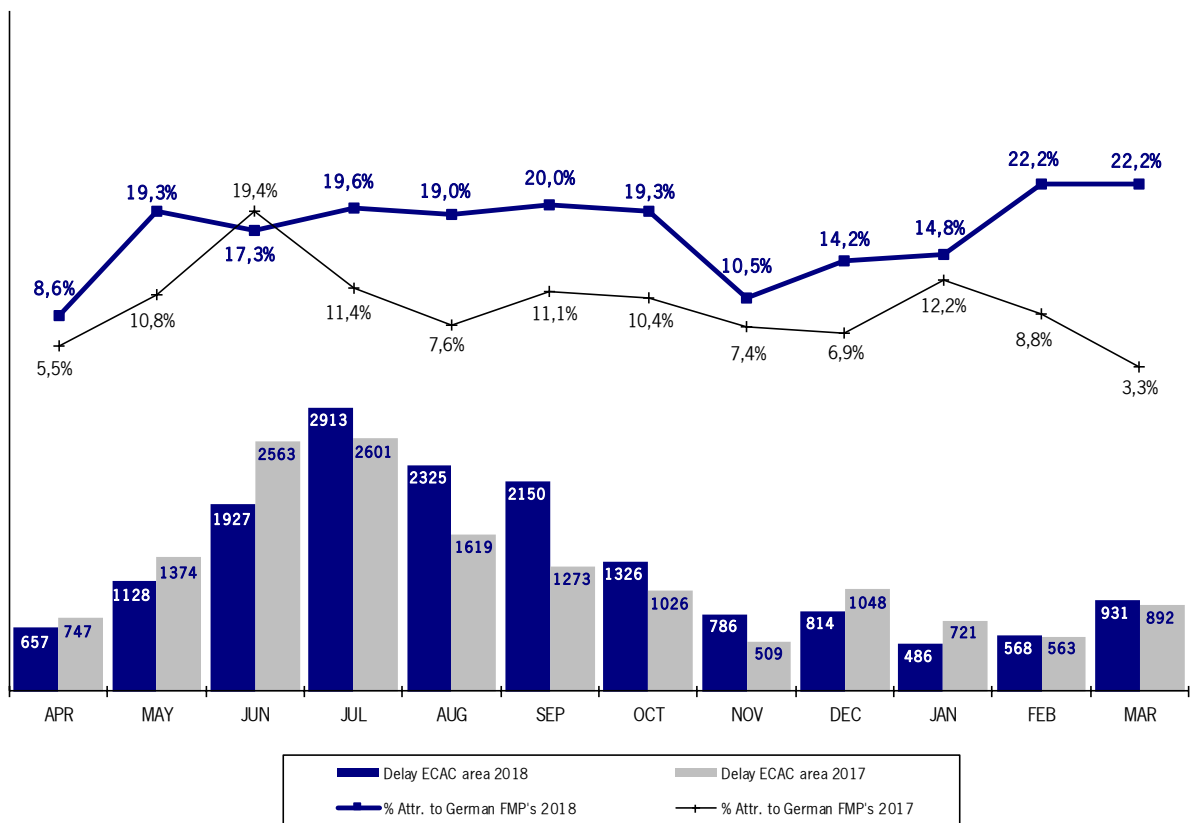


**FMP  
Karlsruhe**



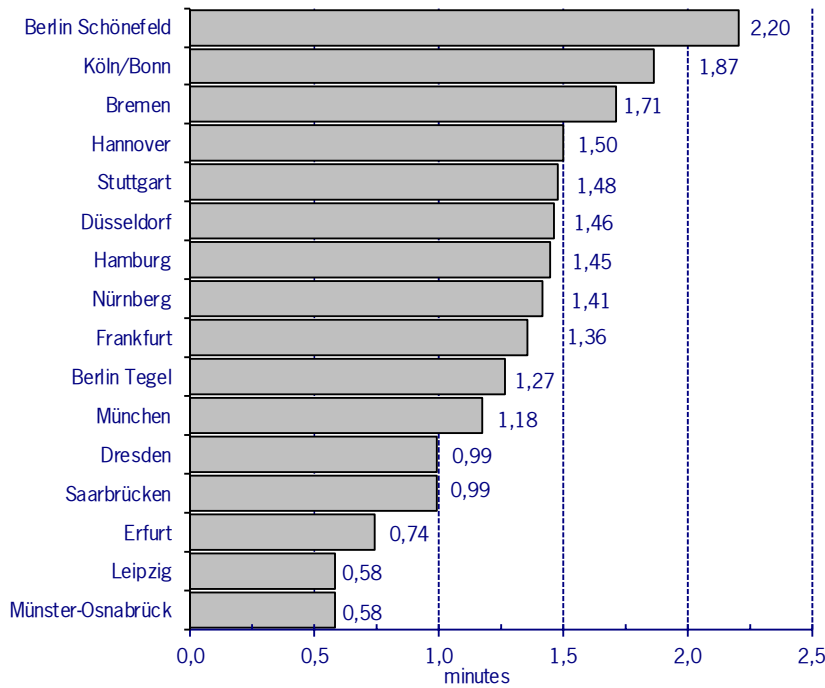
**Development and share of ATFM delays attributable to German FMP's**  
(Data source: NM statistics)

ATFM delays (in thousands of minutes) and percentages of ATFM delays attributable to ATFM measures.



### ATFM departure delays at international German airports

(Data Source: NM statistics)



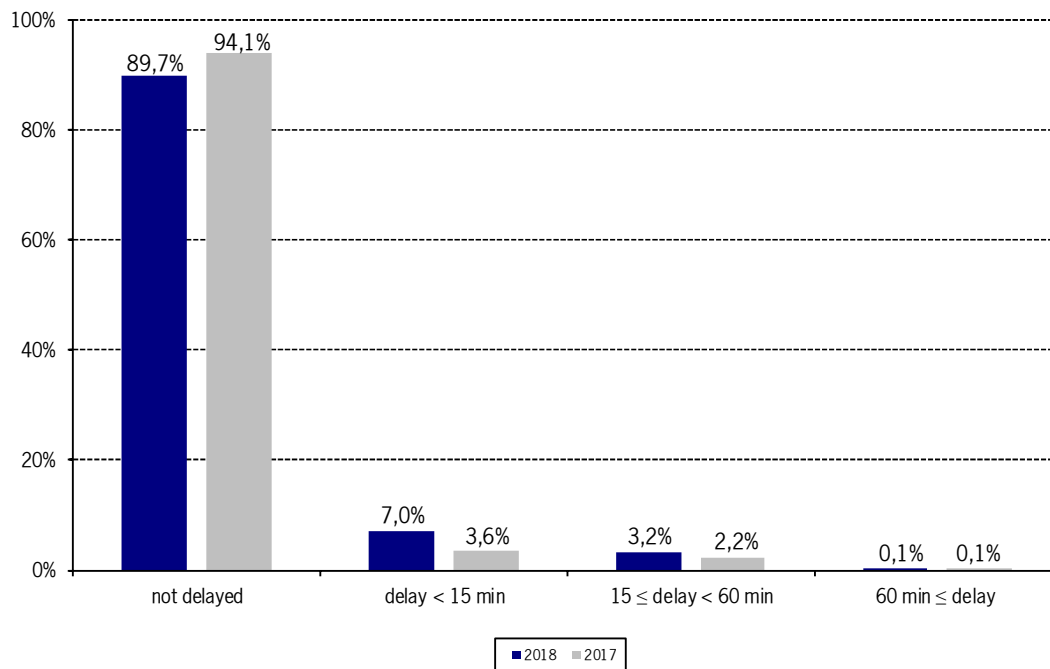
Average ATFM delays in minutes for departures from international German airports following ATFM measures of European FMP's.

**German airports:**  
12,4% = 115.516 minutes of the total delay of 930.508 minutes

### ATFM departure delays at international German airports

(Data source: NM statistics)

Percentage of ATFM delays for flights departing from international German airports attributable to ATFM measures in categories. The delays are distributed in 3 categories.



## ATFM Arrival Delay

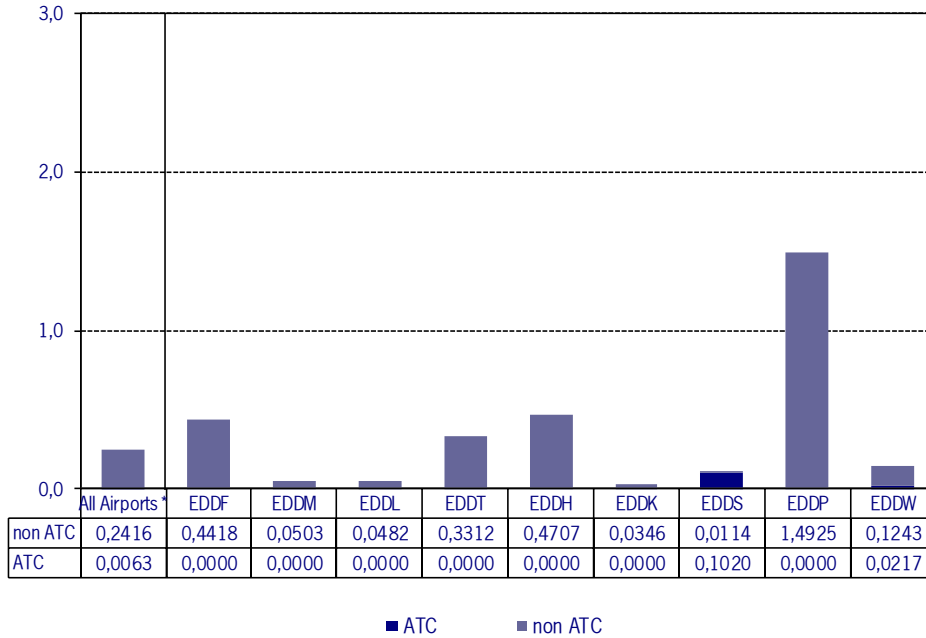
(Data Source: NM statistics, DFS LIZ)

ATFM Arrival Delay with reference to the relevant Airport, in minutes per IFR Arrival.

*ATFM Arrival Delay:*

*sum of all arrival ATFM delay divided by the sum of all inbound flights for the particular traffic volume*

**ATFM Arrival Delay**



Please note: The ATFM delay data are provided by NM statistics. Due to internal distribution of the ATFM delay, data are modified by CC/FC and TWR/M. The inbound flight information is based on LIZ statistics.

\* All Airports means all international German Airports  
 Berlin Schönefeld (EDDB), Berlin Tegel (EDDT), Bremen (EDDW), Dresden (EDDC), Düsseldorf (EDDL), Erfurt (EDDE), Frankfurt (EDDF), Hamburg (EDDH), Hannover (EDDV), Köln/Bonn (EDDK), Leipzig (EDDP), München (EDDM), Münster-Osnabrück (EDDG), Nürnberg (EDDN), Saarbrücken (EDDR), Stuttgart (EDDS)