



DFS Deutsche Flugsicherung

LIZ

Situation and Information Centre

ATFM delay report

June 2019

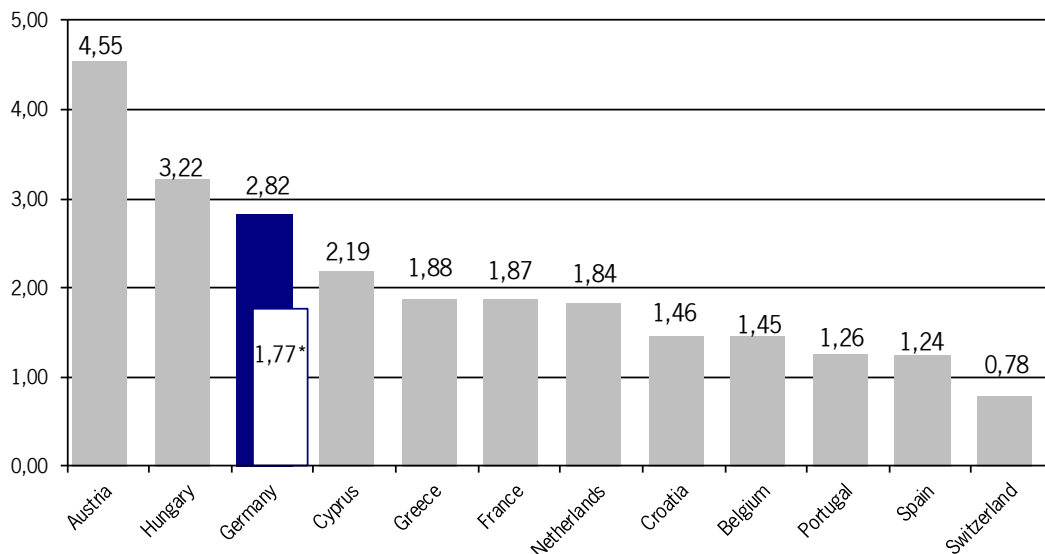
Air Traffic Flow Management (ATFM) delay ATFM measures in Europe (Data source: NM statistics)

| | June 2019 | | June 2018 | | Trend 19/18 |
|-------------------|-----------|-------|-----------|-------|-------------|
| Total flights | 1.039.120 | | 1.024.801 | | 1,4% |
| Regulated flights | 331.446 | 31,9% | 322.691 | 31,5% | 2,7% |
| Delayed flights | 212.774 | 20,5% | 199.839 | 19,5% | 6,5% |

Total flights Number of flight plans having been activated in the EUROCONTROL NM TACT system
Regulated flights Number of flights / percentage of flights with SLOT allocation (with & without delay)
Delayed flight Number of flights / percentage of flights subject to delays due to ATFM measures
Trend column 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)

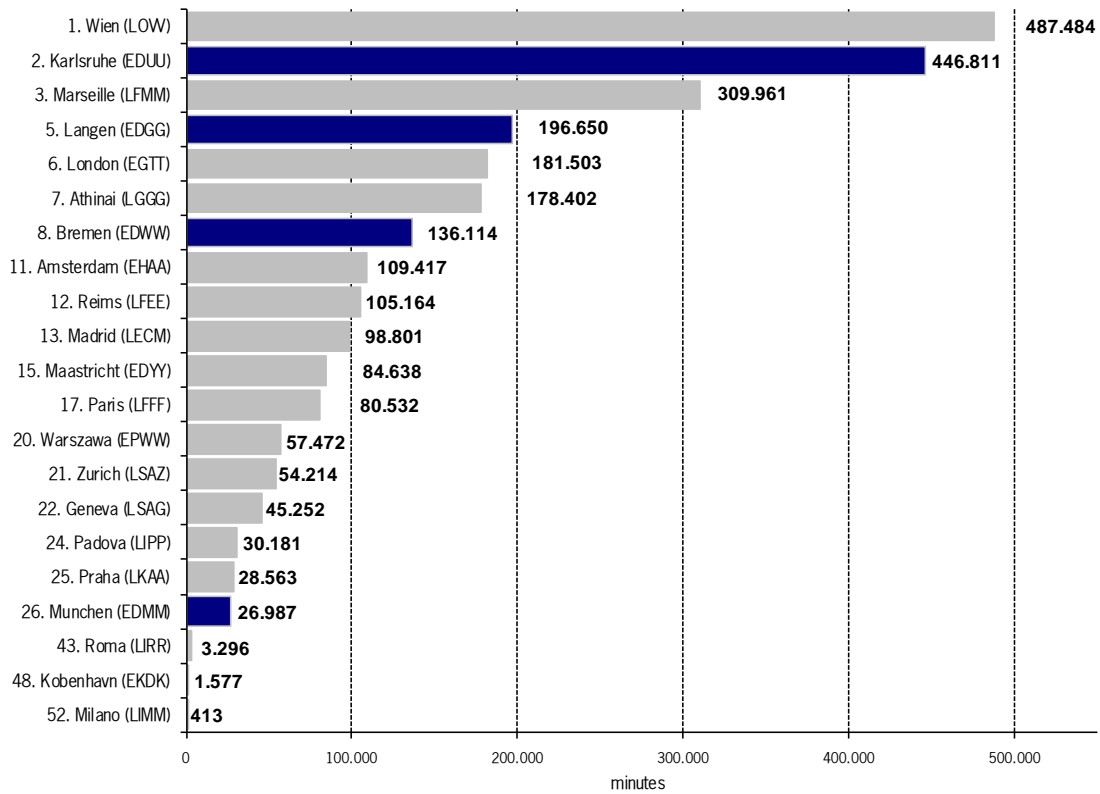
ATFM delay as a result of ATFM measures (Data source: NM statistics)

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

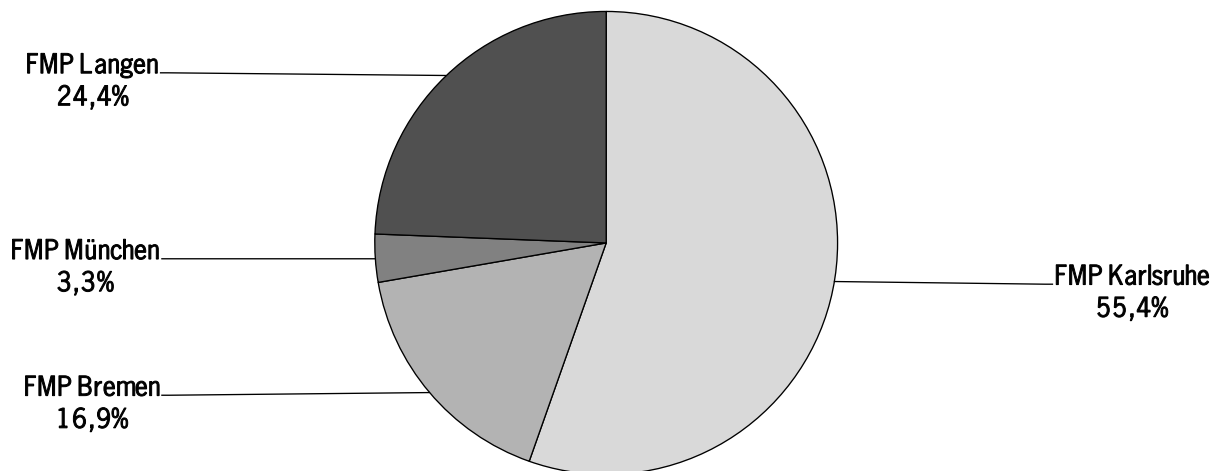
ATFM delay:

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

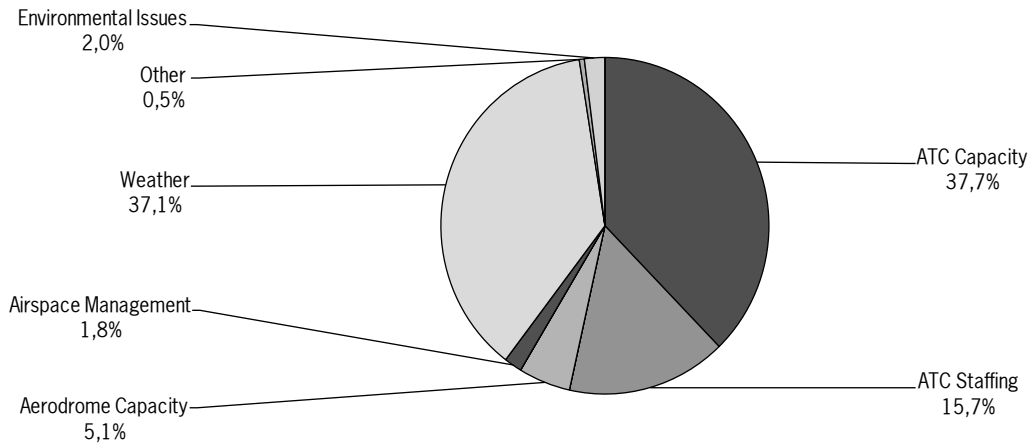
Percentage of German FMPs: 21,6% = 806.562 minutes of total delay of 3.738.993 minutes



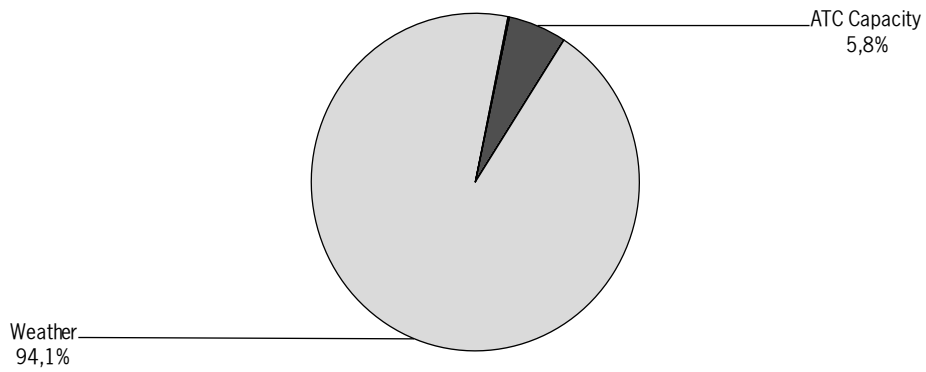
Percentage of German ATFM delay attributable to different FMPs (Data Source: DFS CC-FC, based on FMP reports)



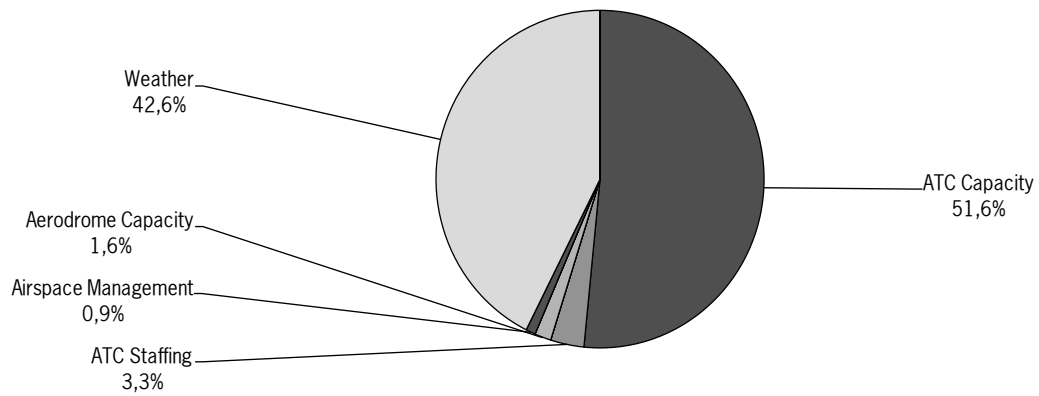
**FMP
Langen**



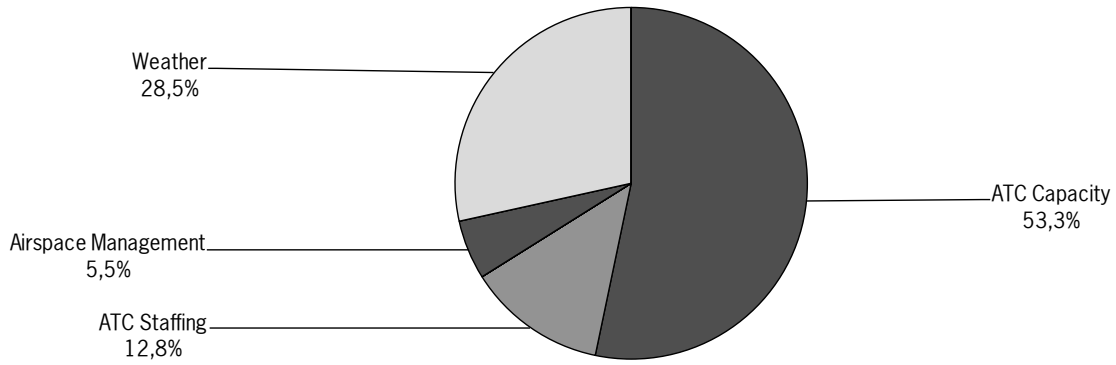
**FMP
München**



**FMP
Bremen**

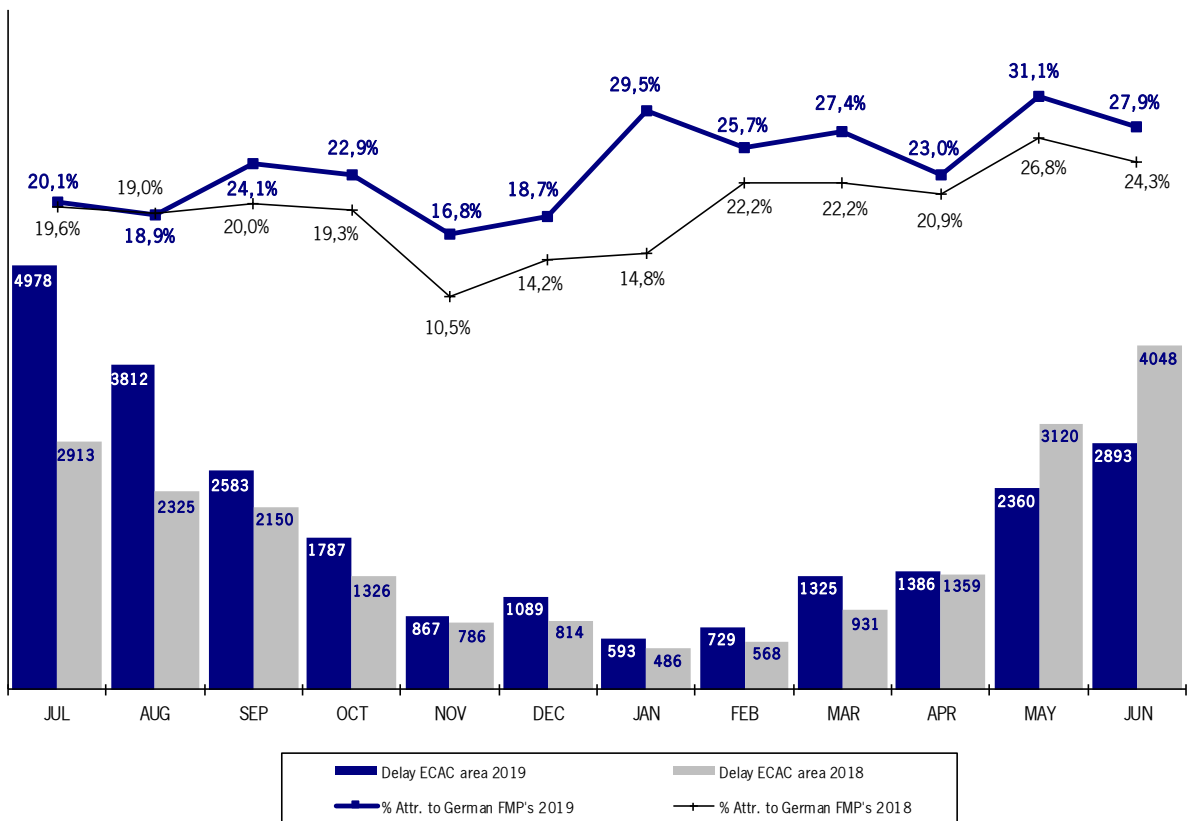


FMP
Karlsruhe



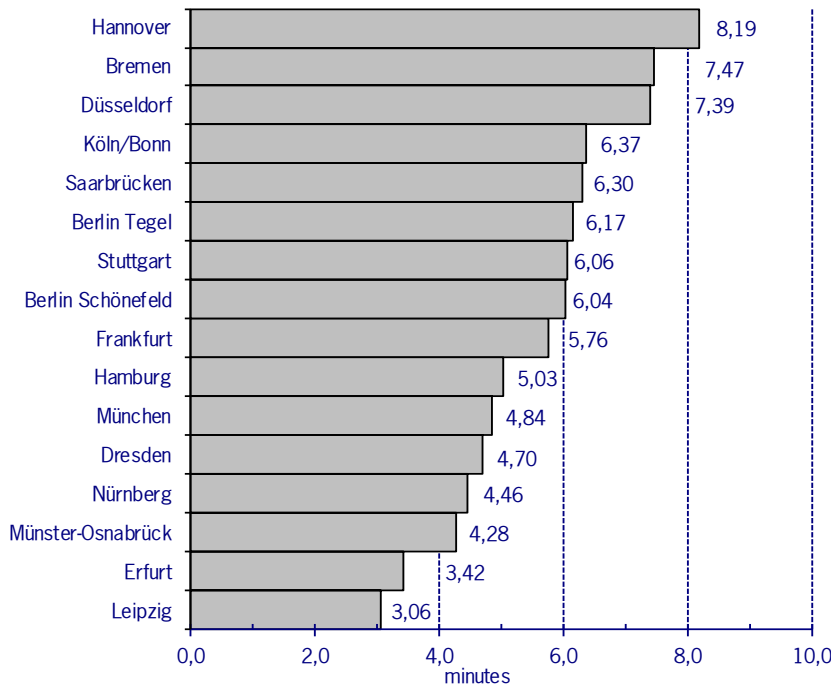
Development and share of ATFM delays attributable to German FMP's
(Data source: NM statistics)

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)



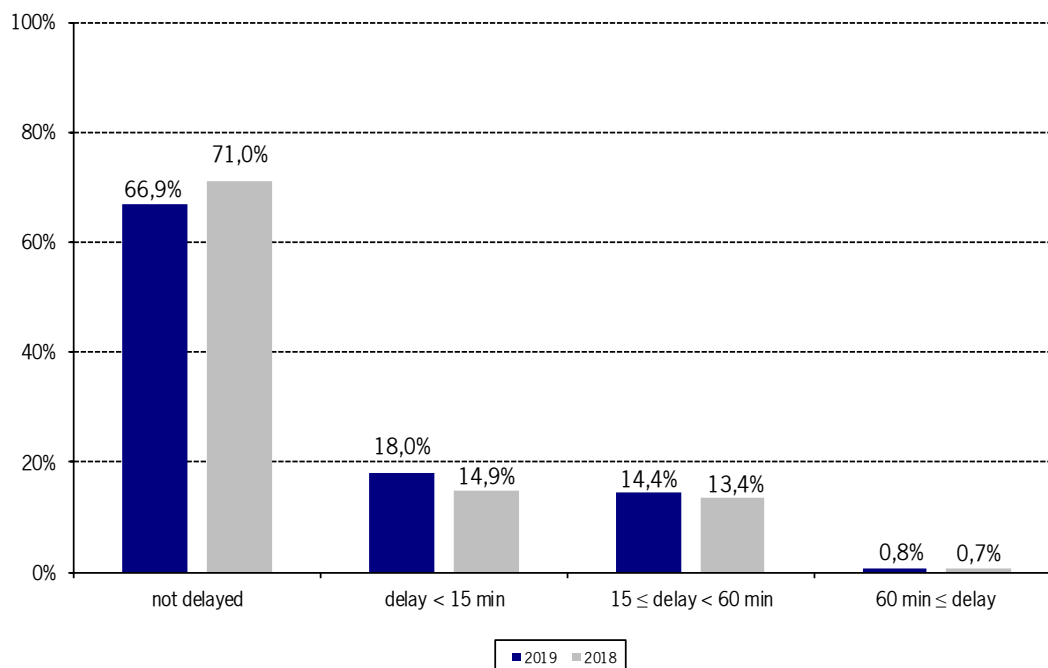
Average ATFM delays in minutes for departures from international German airports following ATFM measures of European FMP's.

German airports:
14,6% = 547.149 minutes of the total delay of 3.738.993 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

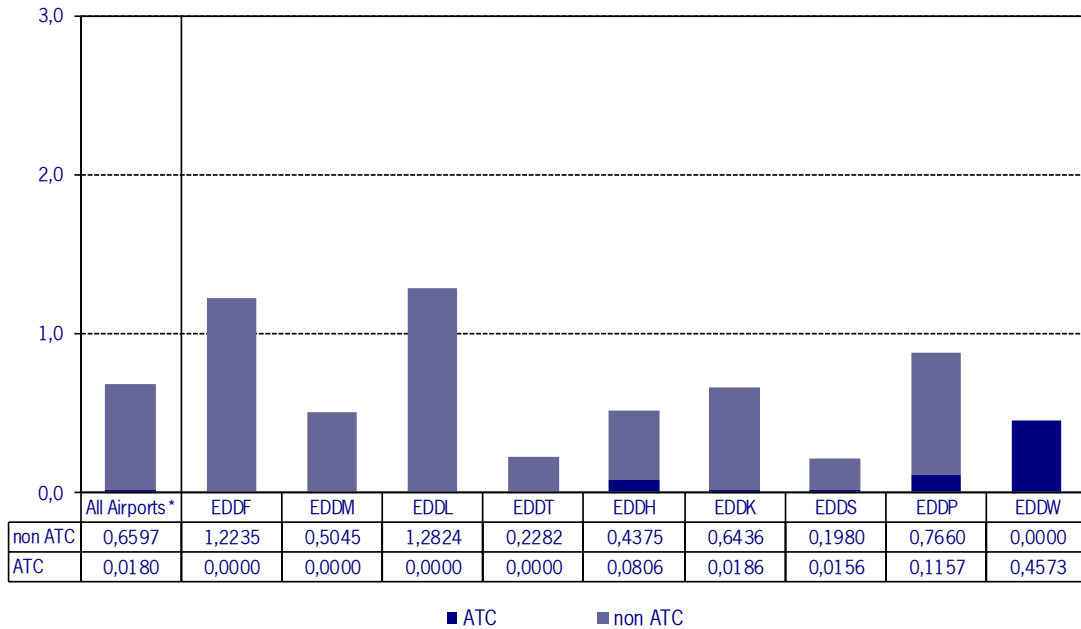
(Data Source: NM statistics, DFS LIZ)

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)