



# LIZ Bulletin

DFS Situation and Information Centre

Week 9

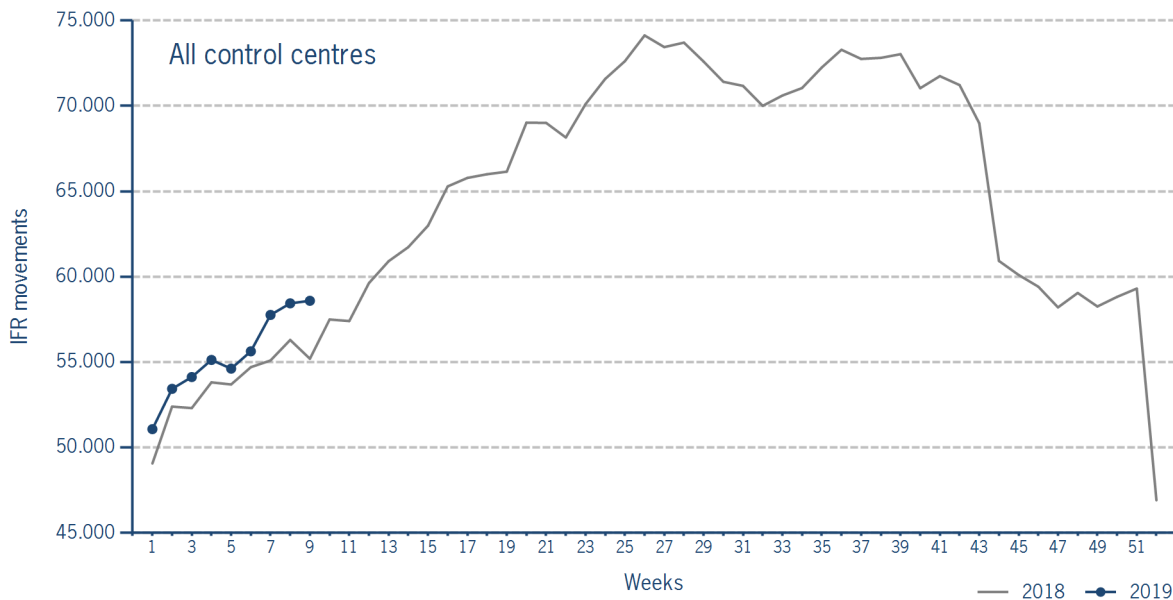
25 FEB 2019 - 3 MAR 2019

Version 06.03.2019

## IFR flights in the Federal Republic of Germany

IFR movements (entries, exits, overflights and domestics) in all control sectors with a German designator.

	2019	2018	Trend
Week 9	58.585	55.189	6,2%
Cumulated Weeks	498.745	482.497	3,4%

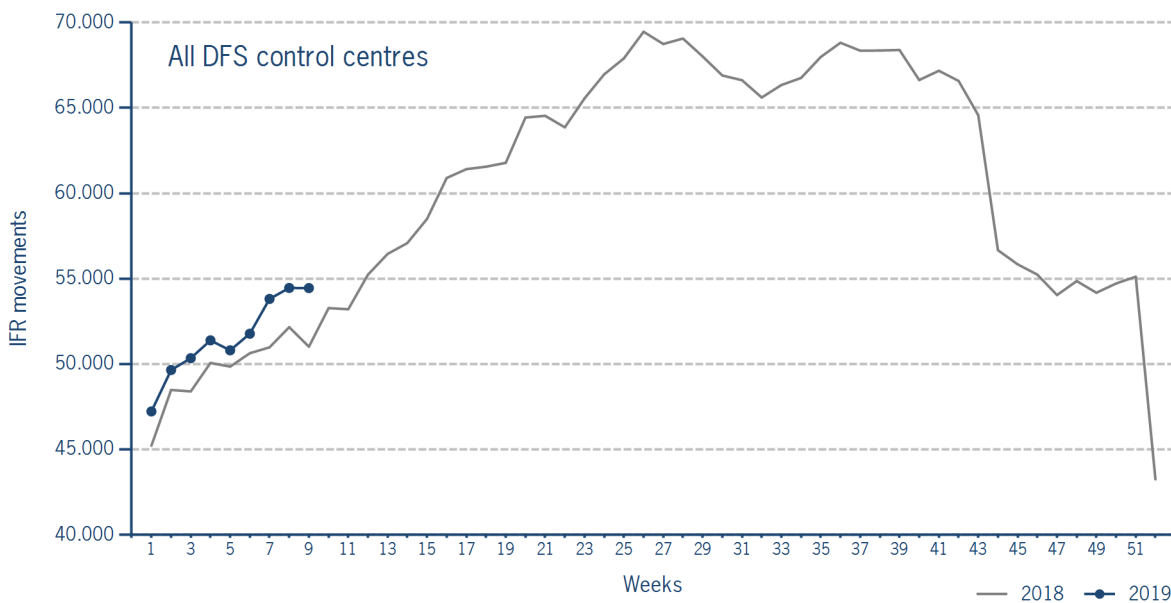


Please note: This count covers the traffic in the area build by all control sectors with a German designator („ED“), regardless of the service provider, including civil and military traffic in sectors controlled by DFS and Maastricht UAC (Maastricht-Hannover sectors). The area counted is composed of modular control sectors designed for ATC purposes with partly cross border structures and is therefore not identical to the political border of the Federal Republic of Germany or the national Flight Information Region (FIR).

## IFR flights controlled by DFS

IFR movements (entries, exits, overflights and domestics) in control sectors controlled by DFS.

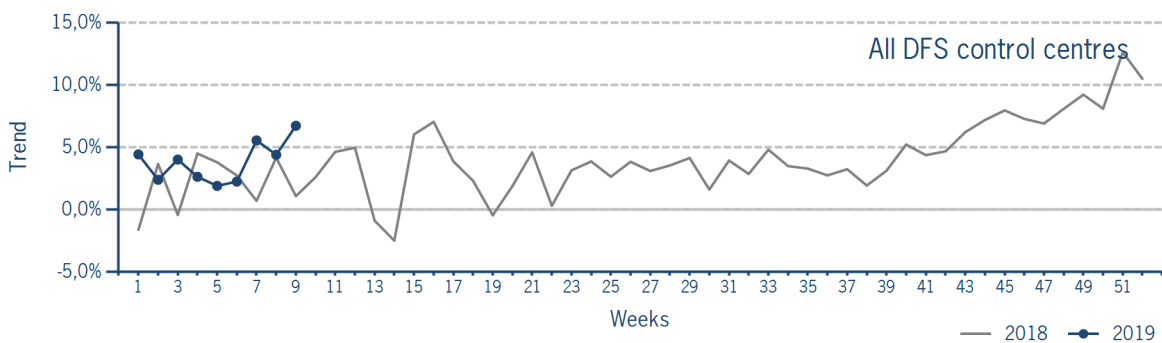
	2019	2018	Trend
<b>Week 9</b>	54.447	51.012	6,7%
<b>Cumulated Weeks</b>	463.876	446.768	3,8%



Please note: This count covers the traffic in the area build by control sectors of DFS control centres, including civil and military traffic. Traffic in Maastricht UAC (Maastricht-Hannover sectors) is not counted.

## IFR flights controlled by DFS - trend

Trend in the number of IFR movements (entries, exits, overflights and domestics) in control sectors controlled by DFS.

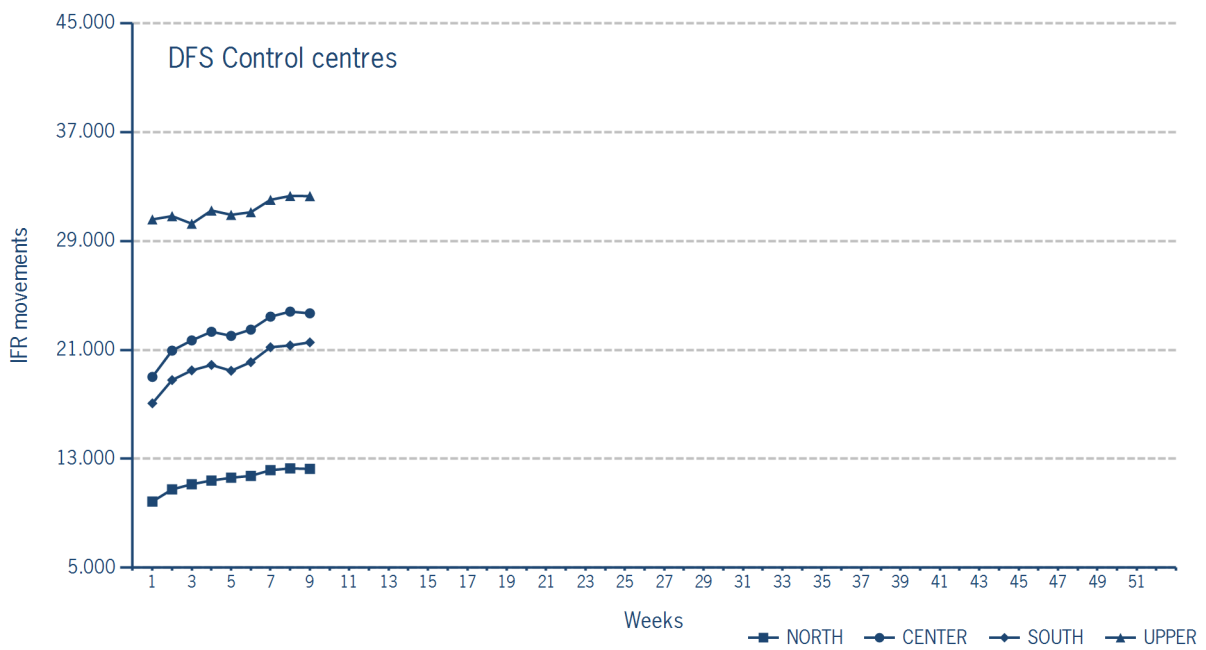


### IFR flights controlled by DFS - in detail

IFR movements (entries, exits, overflights and domestics) controlled by DFS at the different control centres.

	NORTH	CENTER	SOUTH	UPPER
<b>Week 9</b>	12.258	23.687	21.553	32.301
<b>Trend</b>	8,7%	5,5%	7,6%	5,3%
<b>Cumulated Weeks</b>	103.232	199.458	178.897	281.589
<b>Trend</b>	7,3%	3,2%	3,6%	2,5%

Please note: The trend numbers compare counts of the airspaces in their current configuration to the count of the same airspace in 2018.



### IFR flights at international German airports

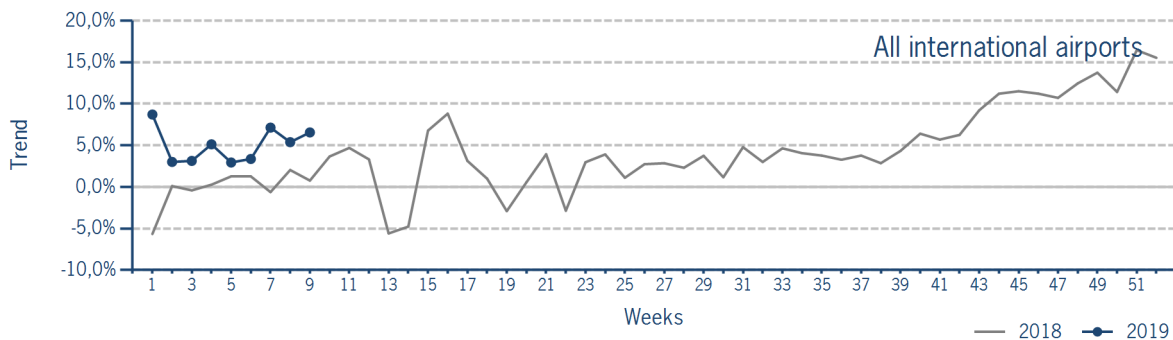
IFR events (take-offs and landings) at the international DFS towers in the Federal Republic of Germany.

	2019	2018	Trend
<b>Week 9</b>	38.709	36.327	6,6%
<b>Cumulated Weeks</b>	327.674	312.094	5,0%



### IFR flights at international German airports - trend

Trend in the number of IFR events (take-offs and landings) at the international DFS towers in the Federal Republic of Germany.



### IFR flights at international German airports - airport category

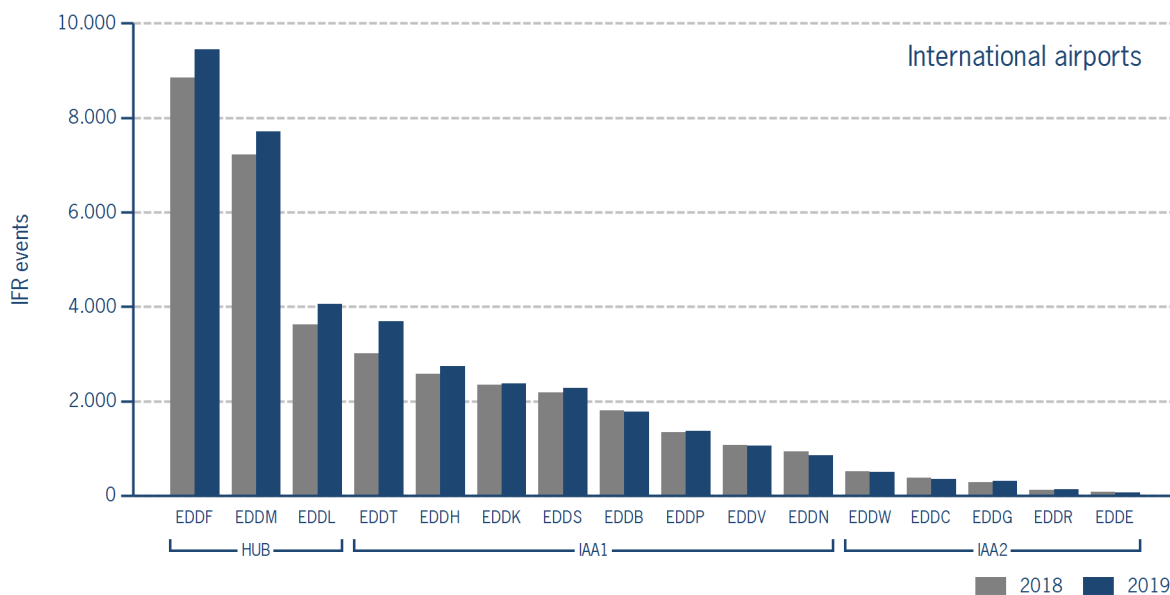
IFR events (take-offs and landings) at the international DFS towers in the Federal Republic of Germany differentiated by Hub Gateways (HUB), International Access Airports 1 (IAA1) and International Access Airports 2 (IAA2).

	HUB	IAA1	IAA2
<b>Week 9</b>	21.214	16.135	1.360
<b>Trend</b>	7,7%	5,7%	-1,1%
<b>Cumulated Weeks</b>	179.144	136.621	11.909
<b>Trend</b>	4,3%	6,2%	2,8%

**IFR flights at international German airports - in detail**

IFR events (take-offs and landings) at the different international DFS towers in the Federal Republic of Germany.

		Week 9	Trend	Week 1 - 9	Trend
<b>HUB</b>					
EDDF	Frankfurt/Main	9.451	6,8%	79.319	2,9%
EDDL	Düsseldorf	4.060	12,1%	34.831	11,3%
EDDM	München	7.703	6,7%	64.994	2,4%
<b>IAA1</b>					
EDDB	Berlin-Schönefeld	1.780	-1,2%	15.021	-3,0%
EDDH	Hamburg	2.747	6,5%	22.785	3,4%
EDDK	Köln/Bonn	2.378	1,5%	20.386	0,3%
EDDN	Nürnberg	848	-9,0%	7.497	-2,1%
EDDP	Leipzig/Halle	1.365	1,4%	11.942	4,2%
EDDS	Stuttgart	2.279	4,5%	18.640	4,7%
EDDT	Berlin-Tegel	3.684	22,5%	31.460	25,2%
EDDV	Hannover	1.054	-1,6%	8.890	1,1%
<b>IAA2</b>					
EDDC	Dresden	351	-7,9%	3.149	3,1%
EDDE	Erfurt/Weimar	66	-14,3%	646	11,6%
EDDG	Münster/Osnabrück	310	9,5%	2.606	3,5%
EDDR	Saarbrücken	132	6,5%	1.231	-1,0%
EDDW	Bremen	501	-1,8%	4.277	2,0%



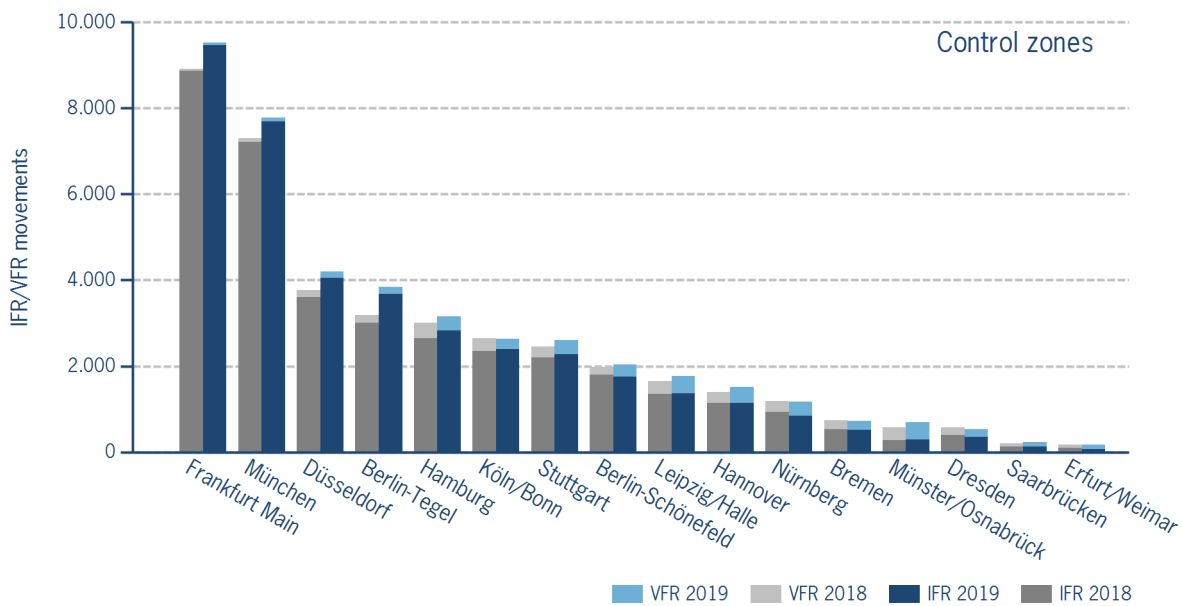
IFR/VFR flights in control zones of DFS towers

IFR/VFR movements (entries, exits, overflights and domestics) at the different control zones of international DFS towers.

	Week 9	Trend	Week 1 - 9	Trend
Berlin-Schönefeld	2.044	3,2%	16.800	-0,2%
Berlin-Tegel	3.840	20,3%	32.557	23,1%
Bremen	725	-2,7%	5.817	-2,2%
Dresden	529	-8,3%	4.458	0,7%
Düsseldorf	4.204	11,7%	35.748	10,5%
Erfurt/Weimar	171	1,2%	1.441	5,3%
Frankfurt Main	9.534	6,8%	80.057	3,1%
Hamburg	3.160	5,0%	25.874	3,2%
Hannover	1.509	8,1%	11.710	0,7%
Köln/Bonn	2.635	-0,5%	22.201	-1,6%
Leipzig/Halle	1.768	7,5%	13.674	3,7%
München	7.775	6,5%	65.827	2,4%
Münster/Osnabrück	694	19,7%	4.740	-7,3%
Nürnberg	1.176	-0,8%	9.217	-1,5%
Saarbrücken	237	20,3%	1.904	1,5%
Stuttgart	2.608	6,0%	20.612	4,4%

Additional information:

Münster reported no glider movements for the current week, i.e. no glider movements for the cumulated year.



### IFR flights at regional German airports - in detail

IFR events (take-offs and landings) at the different regional towers in the Federal Republic of Germany with control zone and barely any PPR.

	2019	2018	Trend
<b>Week 9</b>	2.941	2.695	9,1%
<b>Cumulated Weeks</b>	24.329	23.530	3,4%

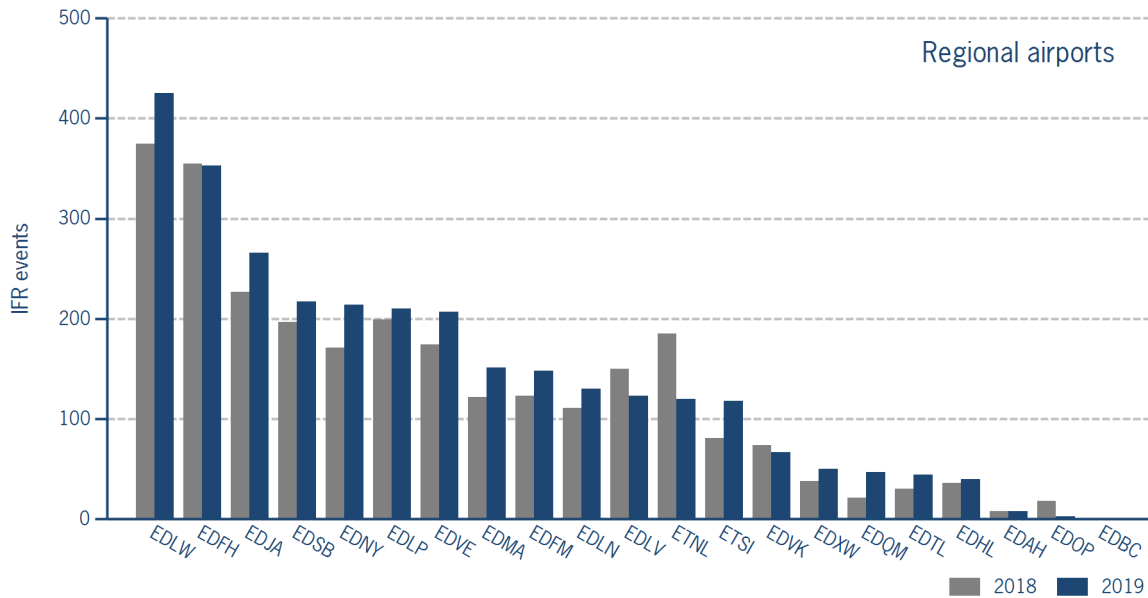
	Week 9	Trend	Week 1 - 9	Trend
EDAH Heringsdorf	8	0,0%	96	77,8%
EDBC Magdeburg/Cochstedt	0	N/A	1	OLC*
EDFH Frankfurt-Hahn	353	-0,6%	2.864	-7,3%
EDFM Mannheim City	148	20,3%	1.026	4,1%
EDHL Lübeck-Blankensee	40	11,1%	412	72,4%
EDJA Memmingen	266	17,2%	2.282	14,7%
EDLN Mönchengladbach	130	17,1%	1.023	-2,9%
EDLP Paderborn/Lippstadt	210	5,5%	1.861	8,4%
EDLV Niederrhein	123	-18,0%	1.236	-17,5%
EDLW Dortmund	425	13,3%	3.706	12,0%
EDMA Augsburg	151	23,8%	908	-5,9%
EDNY Friedrichshafen	214	25,1%	1.648	7,5%
EDOP Schwerin-Parchim	3	-83,3%	19	-87,2%
EDQM Hof-Plauen	47	123,8%	225	22,3%
EDSB Karlsruhe/Baden-Baden	217	10,2%	1.665	-0,2%
EDTL Lahr	44	46,7%	240	4,8%
EDVE Braunschweig-Wolfsburg	207	19,0%	1.503	-2,1%
EDVK Kassel-Calden	67	-9,5%	597	-1,3%
EDXW Sylt	50	31,6%	555	17,3%
ETNL Laage	120	-35,1%	1.553	12,4%
ETSI Ingolstadt/Manching	118	45,7%	909	4,4%

\*The value is of limited conclusiveness (OLC).

Please note: The airport Magdeburg-Cochstedt (EDBC) is currently closed.

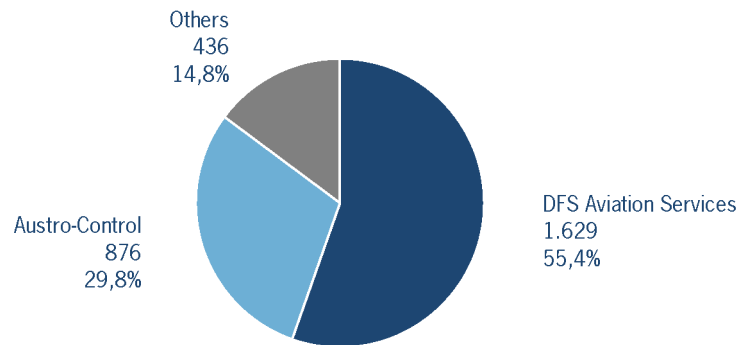
### IFR flights at regional German airports - in detail

IFR events (take-offs and landings) at the different regional towers in the Federal Republic of Germany with control zone and barely any PPR.



### IFR flights at regional German airports - air traffic service providers

Percentage of IFR events (take-offs and landings) at the regional towers in the Federal Republic of Germany differentiated between DFS Aviation Services, Austro Control and other providers.



- DFS Aviation Services: Dortmund (EDLW), Friedrichshafen (EDNY), Karlsruhe/Baden-Baden (EDSB), Lahr (EDTL), Magdeburg/Cochstedt (EDBC), Memmingen (EDJA), Mönchengladbach (EDLN), Niederrhein (EDLV), Paderborn/Lippstadt (EDLP)
- Austro Control: Augsburg (EDMA), Braunschweig-Wolfsburg (EDVE), Frankfurt-Hahn (EDFH), Heringsdorf (EDAH), Hof-Plauen (EDQM), Kassel-Calden (EDVK), Lübeck-Blankensee (EDHL), Schwerin-Parchim (EDOP)
- Others: Ingolstadt/Manching (ETSI), Laage (ETNL), Mannheim City (EDFM), Sylt (EDXW)








## 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*

Airports		ATC Delay [min/arrival]	non ATC Delay [min/arrival]	
	All Airports	0,0139	0,0883	
EDDL	Düsseldorf	0	0,6154	
EDDW	Bremen	0,1793	0,1554	
EDDT	Berlin-Tegel	0	0,2301	
EDDH	Hamburg	0,1636	0	

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/Weimar (EDDE), Frankfurt/Main (EDDF), Hamburg (EDDH), Hannover (EDDV), Köln/Bonn (EDDK), Leipzig/Halle (EDDP), München (EDDM), Münster/Osnabrück (EDDG), Nürnberg (EDDN), Saarbrücken (EDDR), Stuttgart (EDDS)