



# LIZ Bulletin

DFS Situation and Information Centre

Week 10

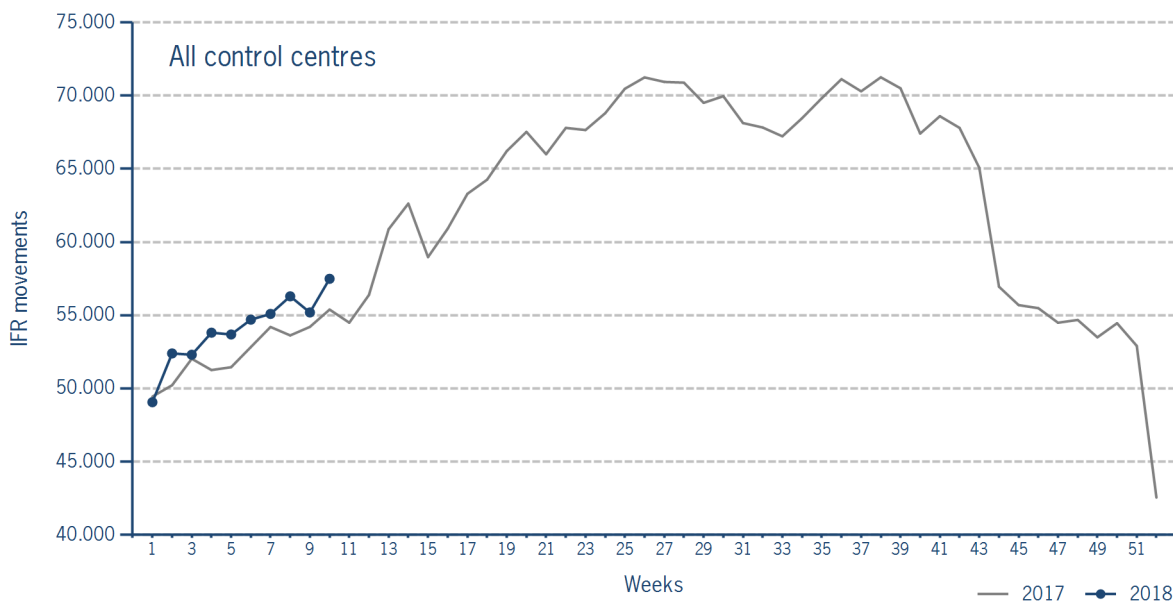
5 MAR 2018 - 11 MAR 2018

Version 14.03.2018

## IFR flights in the Federal Republic of Germany

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

	2018	2017	Trend
Week 10	57.489	55.385	3,8%
Cumulated Weeks	539.986	524.601	2,9%

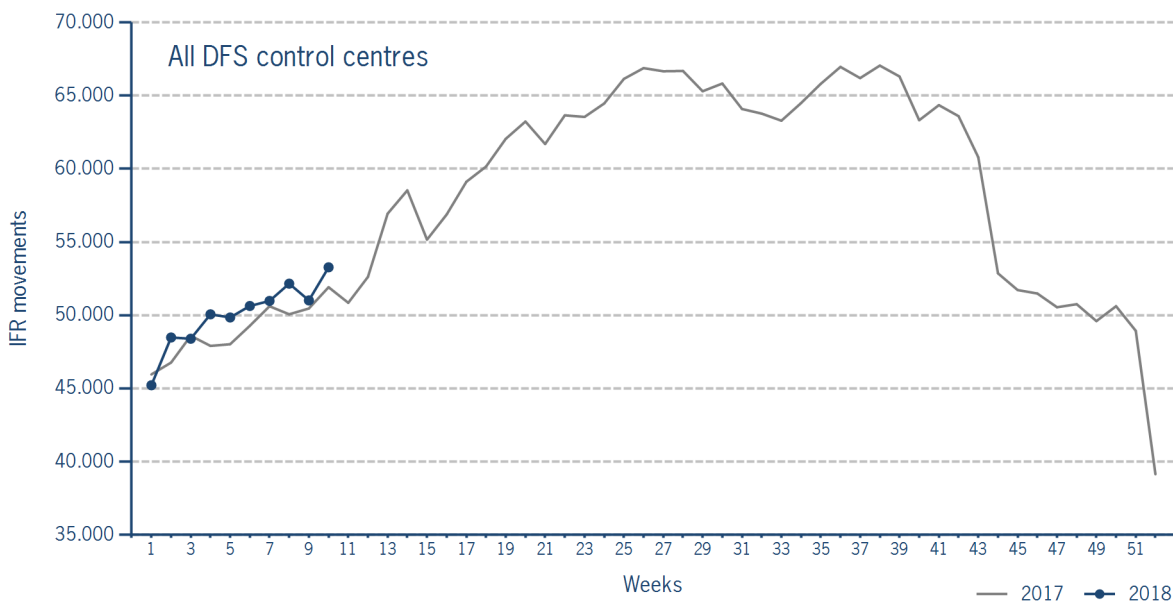


Please note: This count covers the traffic in the area build by all control sectors with a German designator („ED“), regardless of the service provider, including civil and military traffic in sectors controlled by DFS and Maastricht UAC (Maastricht-Hannover sectors). The area counted is composed of 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.

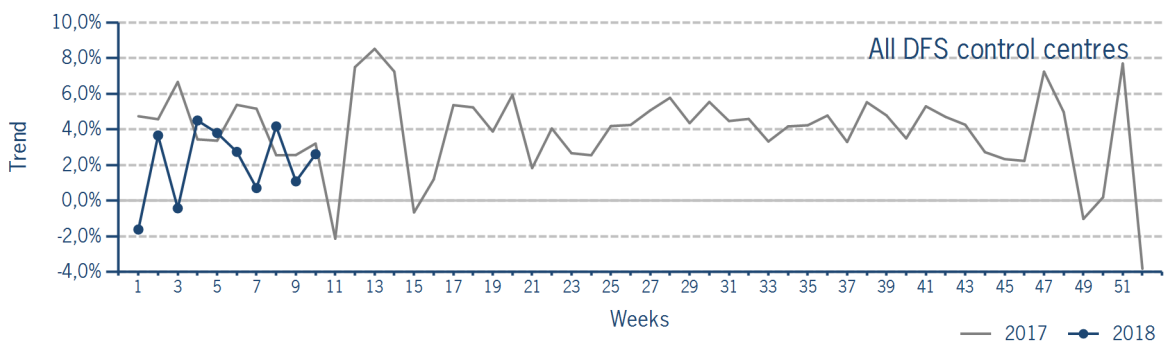
	2018	2017	Trend
<b>Week 10</b>	53.273	51.914	2,6%
<b>Cumulated Weeks</b>	500.041	489.560	2,1%



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.

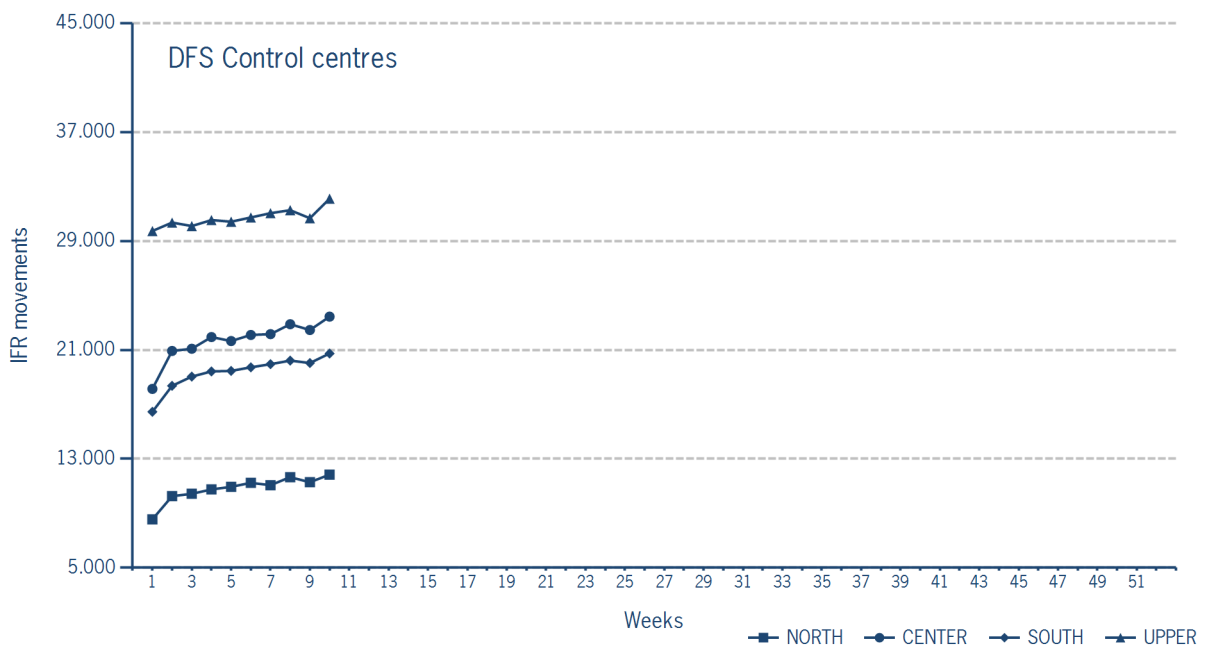


### IFR flights controlled by DFS - in detail

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

	NORTH	CENTER	SOUTH	UPPER
<b>Week 10</b>	11.839	23.444	20.736	32.106
<b>Trend</b>	3,0%	5,8%	4,1%	1,7%
<b>Cumulated Weeks</b>	108.011	216.792	193.396	306.950
<b>Trend</b>	-4,0%	3,6%	2,9%	2,7%

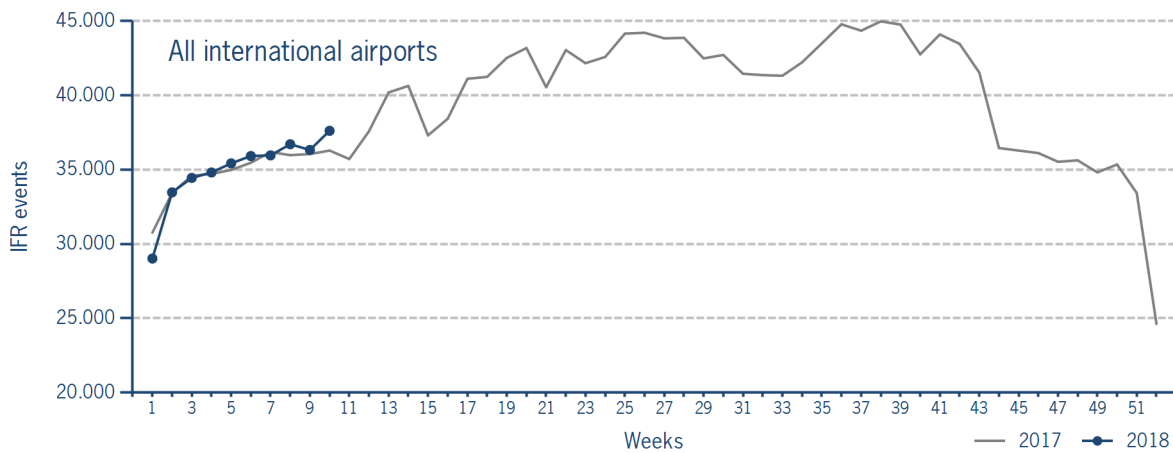
Please note: The trend numbers compare counts of the airspaces in their current configuration to the count of the same airspace in 2017.



### IFR flights at international German airports

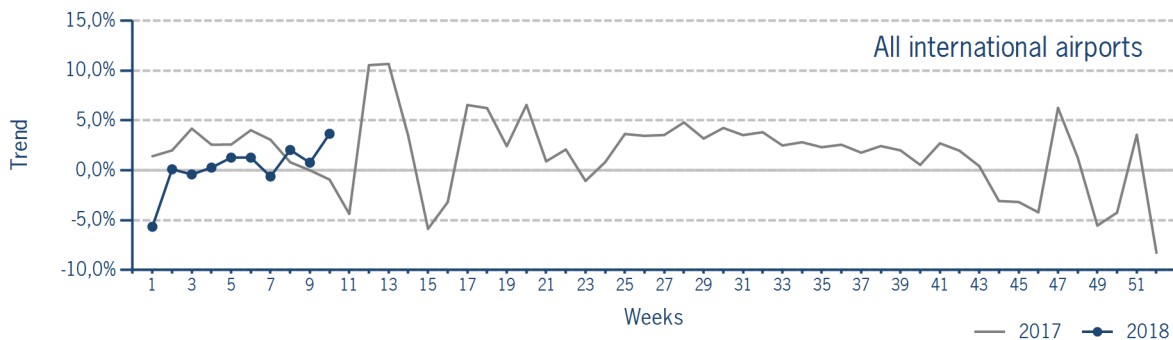
IFR events (take-offs and landings) at the international DFS towers in the Federal Republic of Germany.

	2018	2017	Trend
<b>Week 10</b>	37.614	36.285	3,7%
<b>Cumulated Weeks</b>	349.708	348.442	0,4%



### 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

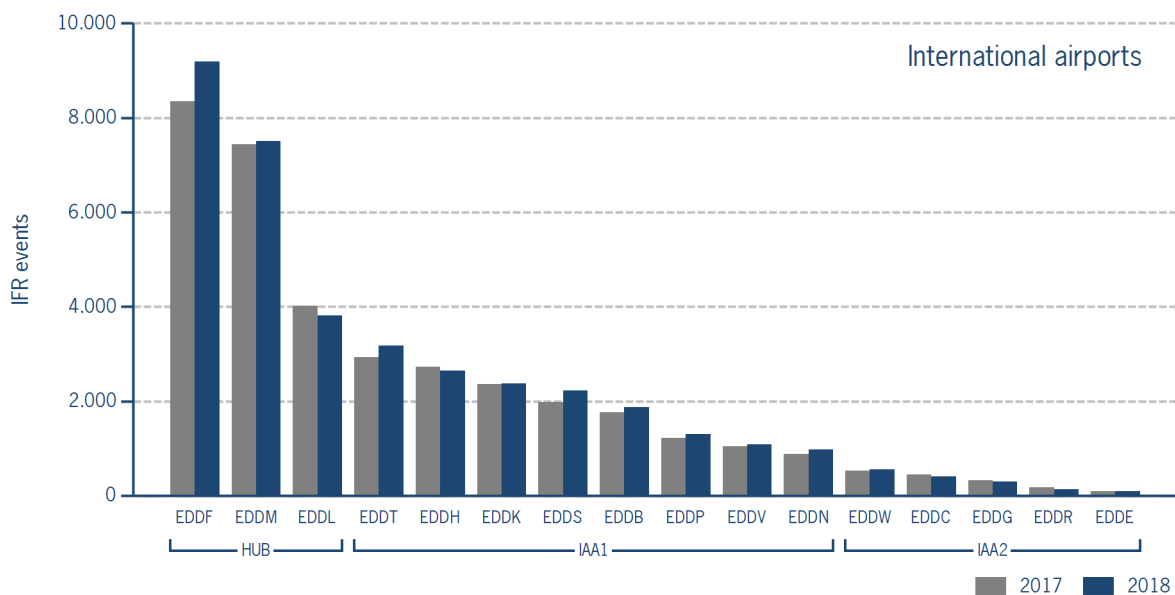
IFR events (take-offs and landings) at the international DFS towers in the Federal Republic of Germany differentiated by Hub Gateways (HUB), International Access Airports 1 (IAA1) and International Access Airports 2 (IAA2).

	HUB	IAA1	IAA2
<b>Week 10</b>	20.506	15.641	1.467
<b>Trend</b>	3,5%	4,9%	-6,4%
<b>Cumulated Weeks</b>	192.338	144.314	13.056
<b>Trend</b>	1,8%	-1,1%	-3,8%

**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 10	Trend	Week 1 - 10	Trend
<b>HUB</b>					
EDDF	Frankfurt/Main	9.186	10,1%	86.239	7,5%
EDDL	Düsseldorf	3.810	-5,3%	35.117	-7,5%
EDDM	München	7.510	1,0%	70.982	0,2%
<b>IAA1</b>					
EDDB	Berlin-Schönefeld	1.868	5,9%	17.347	-4,0%
EDDH	Hamburg	2.641	-3,3%	24.670	-6,2%
EDDK	Köln/Bonn	2.375	0,4%	22.697	-0,2%
EDDN	Nürnberg	972	9,7%	8.627	1,5%
EDDP	Leipzig/Halle	1.298	7,0%	12.757	14,9%
EDDS	Stuttgart	2.224	12,7%	20.026	9,1%
EDDT	Berlin-Tegel	3.177	8,4%	28.308	-9,0%
EDDV	Hannover	1.086	3,5%	9.882	2,4%
<b>IAA2</b>					
EDDC	Dresden	400	-11,5%	3.454	-11,8%
EDDE	Erfurt/Weimar	86	-3,4%	665	-4,5%
EDDG	Münster/Osnabrück	292	-9,0%	2.811	5,8%
EDDR	Saarbrücken	131	-26,8%	1.375	-0,4%
EDDW	Bremen	558	6,1%	4.751	-3,5%



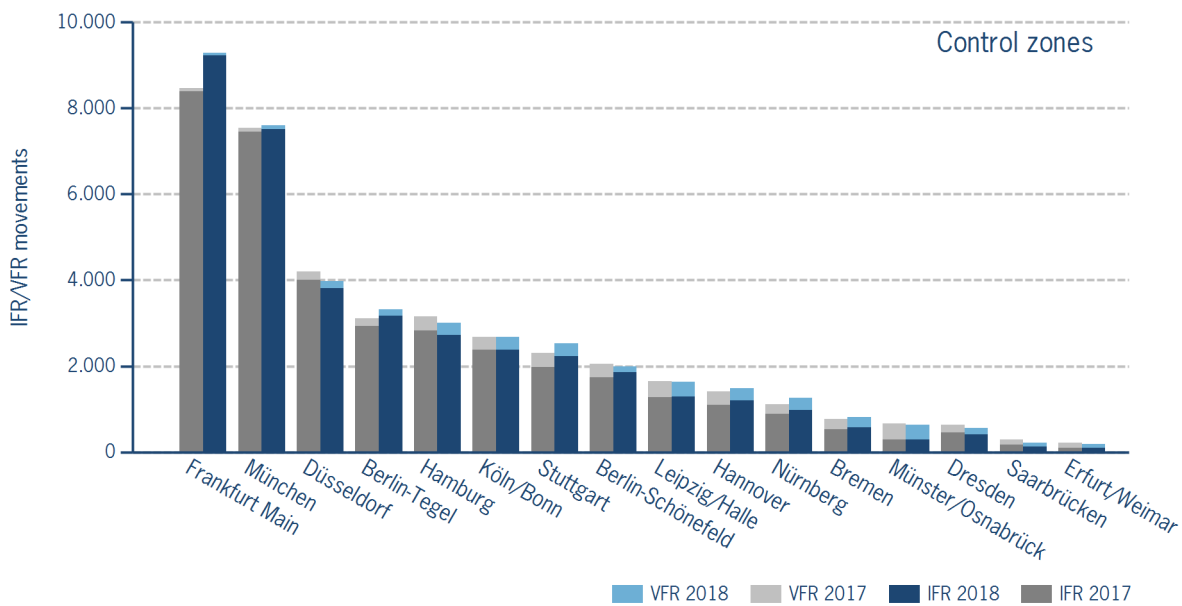
### IFR/VFR flights in control zones of DFS towers

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

	Week 10	Trend	Week 1 - 10	Trend
Berlin-Schönefeld	1.993	-3,2%	18.822	-6,3%
Berlin-Tegel	3.326	6,8%	29.782	-7,8%
Bremen	817	7,1%	6.765	-0,5%
Dresden	553	-13,1%	4.980	-5,6%
Düsseldorf	3.975	-5,5%	36.337	-7,3%
Erfurt/Weimar	194	-9,3%	1.563	7,3%
Frankfurt Main	9.289	9,6%	86.954	7,5%
Hamburg	3.013	-4,5%	28.088	-5,3%
Hannover	1.491	5,1%	13.122	6,1%
Köln/Bonn	2.679	0,1%	25.243	0,4%
Leipzig/Halle	1.629	-0,9%	14.809	13,3%
München	7.608	0,8%	71.871	0,2%
Münster/Osnabrück	637	-3,3%	5.750	19,1%
Nürnberg	1.262	14,0%	10.619	1,9%
Saarbrücken	214	-26,2%	2.090	-5,0%
Stuttgart	2.533	10,0%	22.281	6,9%

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.

	2018	2017	Trend
<b>Week 10</b>	2.840	2.726	4,2%
<b>Cumulated Weeks</b>	26.370	24.701	6,8%

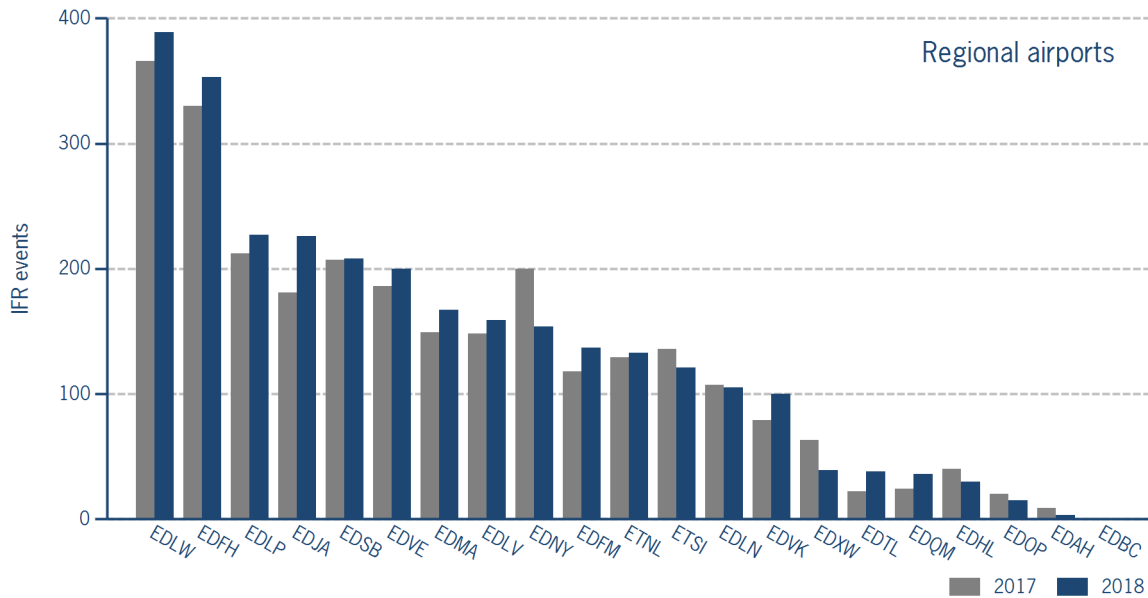
	Week 10	Trend	Week 1 - 10	Trend
EDAH Heringsdorf	3	-66,7%	57	-12,3%
EDBC Magdeburg/Cochstedt	0	N/A	0	OLC*
EDFH Frankfurt-Hahn	353	7,0%	3.441	3,9%
EDFM Mannheim City	137	16,1%	1.123	-2,2%
EDHL Lübeck-Blankensee	30	-25,0%	269	-3,2%
EDJA Memmingen	226	24,9%	2.216	22,0%
EDLN Mönchengladbach	105	-1,9%	1.159	25,4%
EDLP Paderborn/Lippstadt	227	7,1%	1.944	11,0%
EDLV Niederrhein	159	7,4%	1.658	15,1%
EDLW Dortmund	389	6,3%	3.697	12,9%
EDMA Augsburg	167	12,1%	1.132	2,0%
EDNY Friedrichshafen	154	-23,0%	1.687	-3,4%
EDOP Schwerin-Parchim	15	-25,0%	163	71,6%
EDQM Hof-Plauen	36	50,0%	220	-1,3%
EDSB Karlsruhe/Baden-Baden	208	0,5%	1.877	-9,8%
EDTL Lahr	38	72,7%	267	14,1%
EDVE Braunschweig-Wolfsburg	200	7,5%	1.736	-4,8%
EDVK Kassel-Calden	100	26,6%	705	16,0%
EDXW Sylt	39	-38,1%	512	-6,4%
ETNL Laage	133	3,1%	1.515	21,8%
ETSI Ingolstadt/Manching	121	-11,0%	992	1,6%

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

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

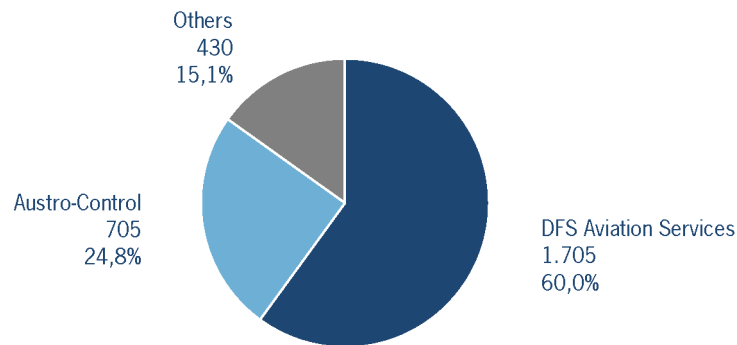
### IFR flights at regional German airports - in detail

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), Frankfurt-Hahn (EDFH), 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), Friedrichshafen (EDNY), 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	0,1862	
EDDP	Leipzig/Halle	0	2,9846	
EDDH	Hamburg	0	0,6419	
EDDT	Berlin-Tegel	0	0,4516	

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)