



# LIZ Bulletin

DFS Situation and Information Centre

Week 39

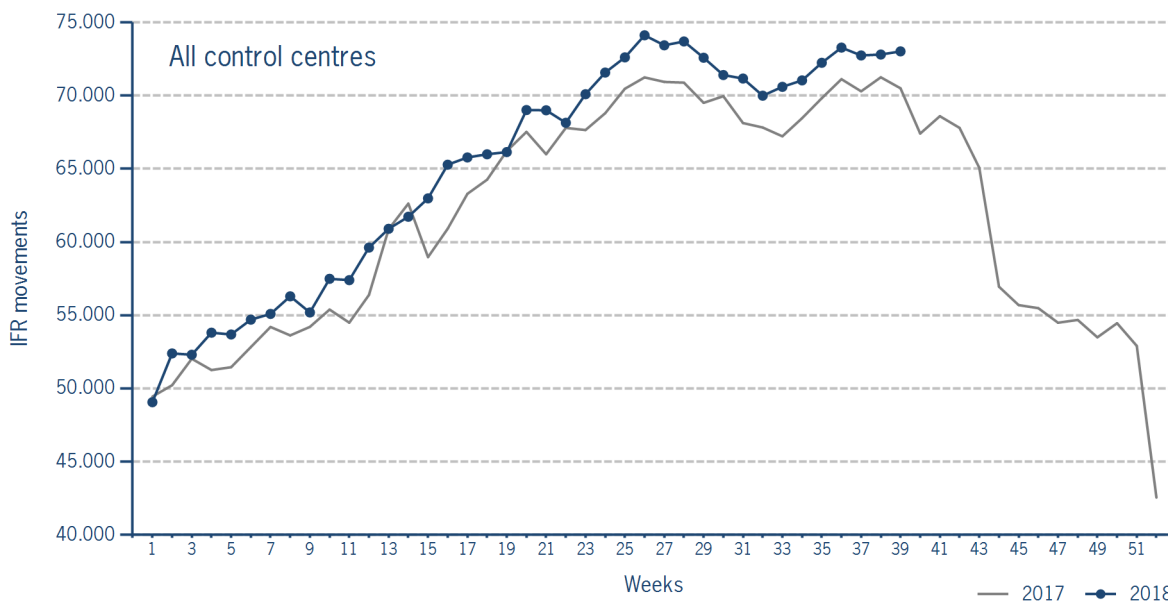
24 SEP 2018 - 30 SEP 2018

Version 08.10.2018

## 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 39	73.031	70.507	3,6%
Cumulated Weeks	2.538.591	2.458.156	3,3%

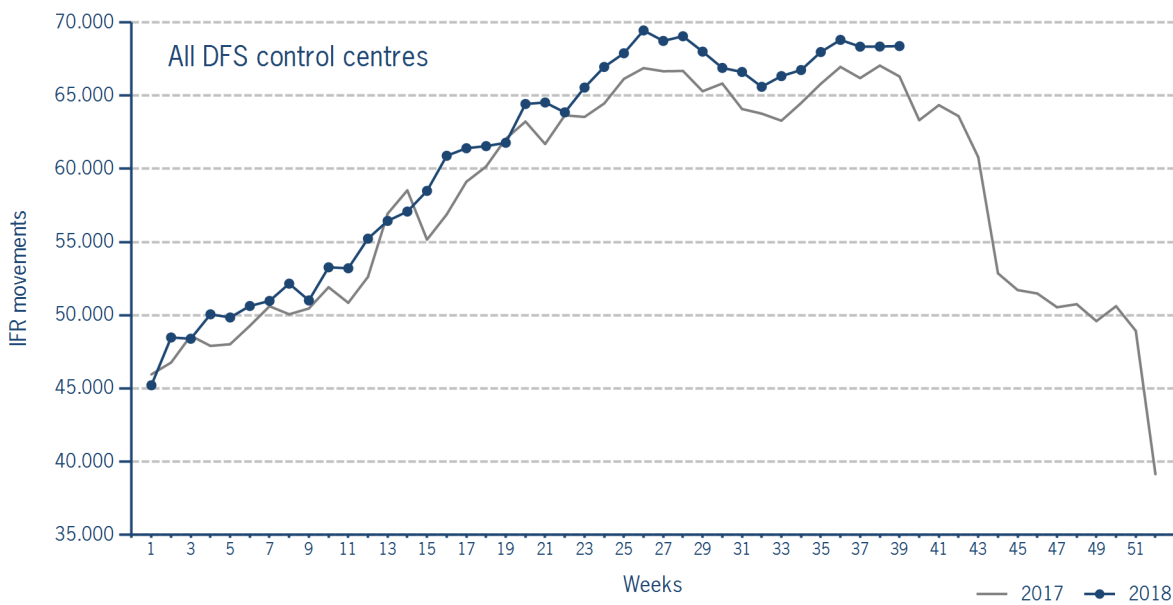


Please note: This count covers the traffic in the area build by all control sectors with a German designator („ED“), regardless of the service provider, including civil and military traffic in sectors controlled by DFS and Maastricht UAC (Maastricht-Hannover sectors). The area counted is composed of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

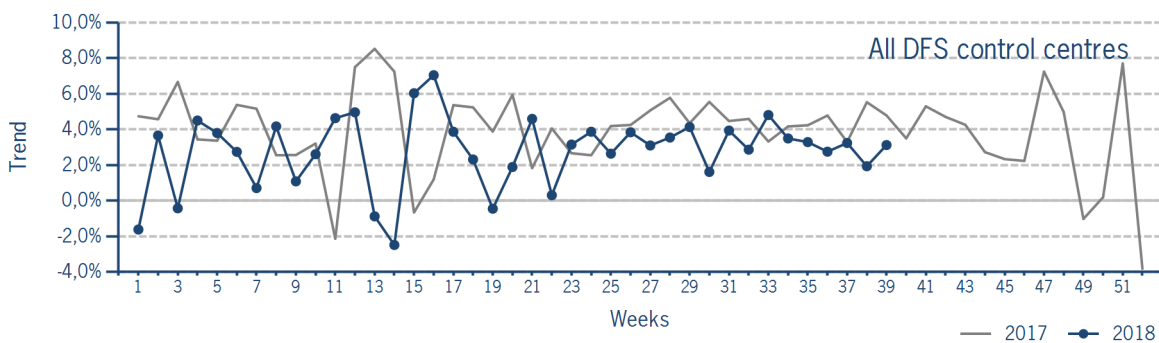
	2018	2017	Trend
<b>Week 39</b>	68.393	66.316	3,1%
<b>Cumulated Weeks</b>	2.368.850	2.304.073	2,8%



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.

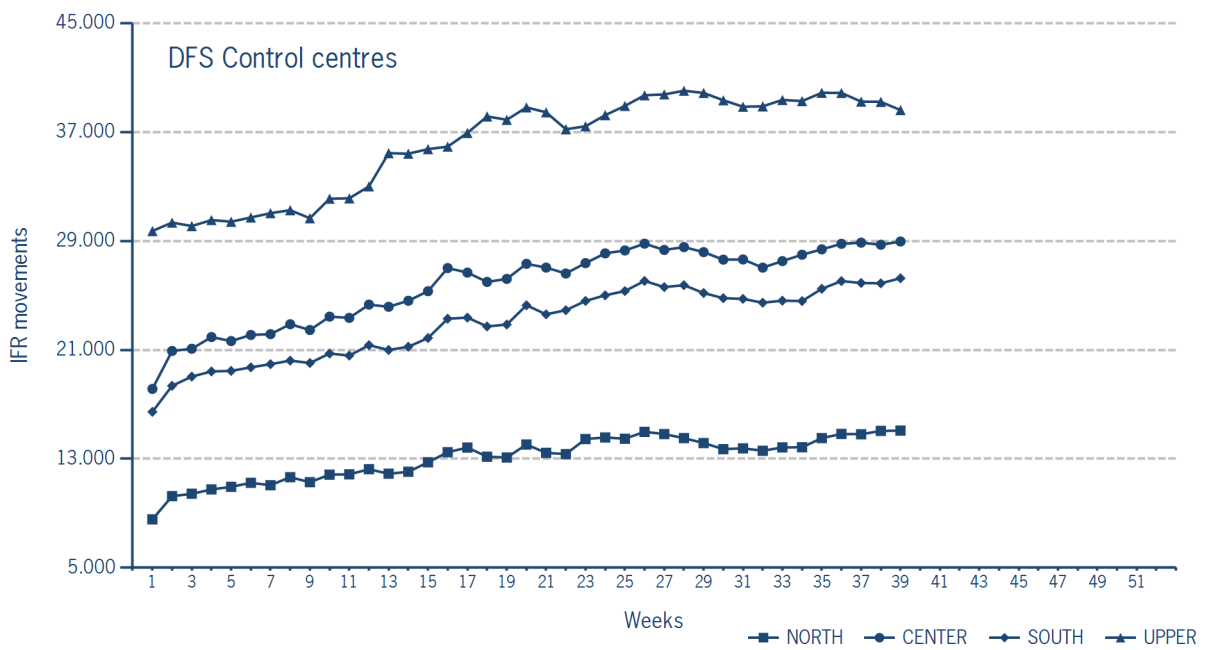


### IFR flights controlled by DFS - in detail

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

	NORTH	CENTER	SOUTH	UPPER
<b>Week 39</b>	15.072	28.963	26.264	38.615
<b>Trend</b>	1,8%	3,6%	6,4%	-3,3%
<b>Cumulated Weeks</b>	508.236	1.004.690	893.870	1.408.634
<b>Trend</b>	-0,6%	4,0%	4,5%	-0,4%

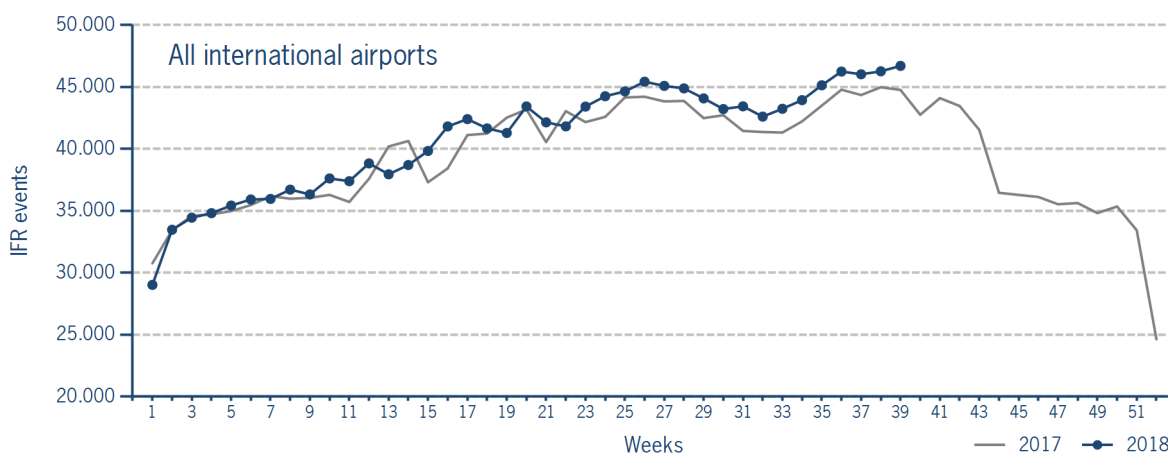
Please note: The trend numbers compare counts of the airspaces in their current configuration to the count of the same airspace in 2017.



### IFR flights at international German airports

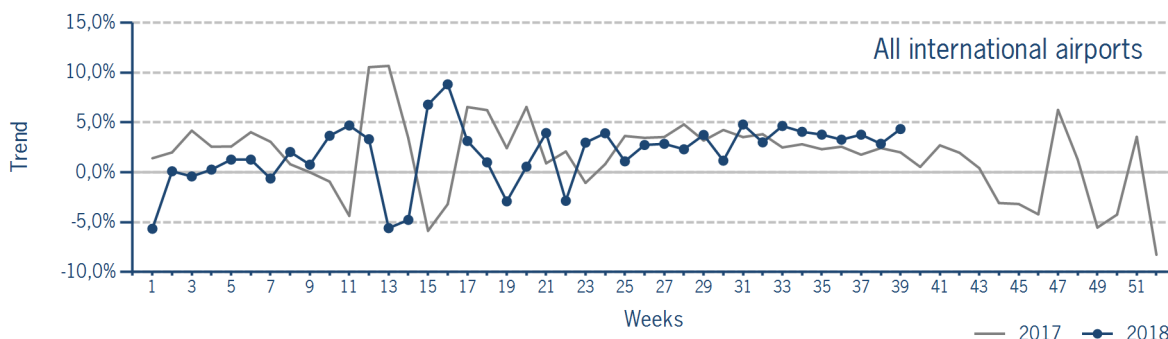
IFR events (take-offs and landings) at the international DFS towers in the Federal Republic of Germany.

	2018	2017	Trend
<b>Week 39</b>	46.702	44.760	4,3%
<b>Cumulated Weeks</b>	1.595.565	1.564.700	2,0%



### 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

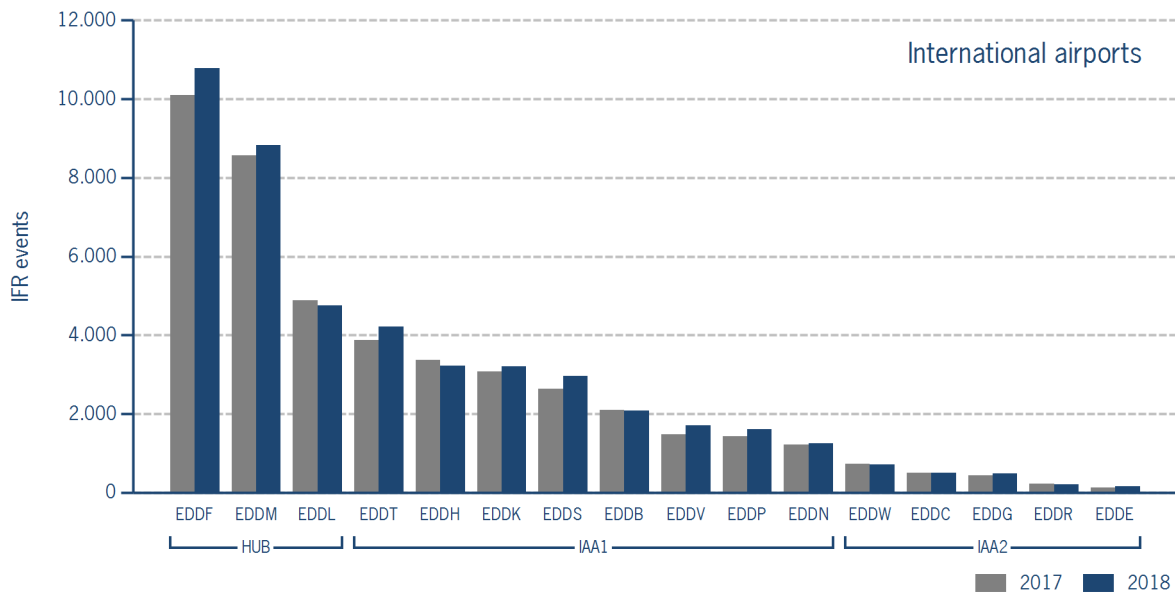
IFR events (take-offs and landings) at the international DFS towers in the Federal Republic of Germany differentiated by Hub Gateways (HUB), International Access Airports 1 (IAA1) and International Access Airports 2 (IAA2).

	HUB	IAA1	IAA2
<b>Week 39</b>	24.359	20.266	2.077
<b>Trend</b>	3,5%	5,5%	3,1%
<b>Cumulated Weeks</b>	855.662	673.943	65.960
<b>Trend</b>	2,3%	1,6%	1,9%

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 39	Trend	Week 1 - 39	Trend
<b>HUB</b>					
EDDF	Frankfurt/Main	10.780	6,8%	385.788	7,8%
EDDL	Düsseldorf	4.754	-2,6%	162.180	-6,3%
EDDM	München	8.825	3,0%	307.694	0,7%
<b>IAA1</b>					
EDDB	Berlin-Schönefeld	2.085	-1,0%	76.164	0,8%
EDDH	Hamburg	3.222	-4,4%	111.201	-5,5%
EDDK	Köln/Bonn	3.211	4,4%	107.544	1,7%
EDDN	Nürnberg	1.245	2,0%	41.115	1,7%
EDDP	Leipzig/Halle	1.612	12,1%	55.576	14,8%
EDDS	Stuttgart	2.970	12,5%	96.966	8,1%
EDDT	Berlin-Tegel	4.220	9,0%	135.769	-1,9%
EDDV	Hannover	1.701	15,2%	49.608	4,6%
<b>IAA2</b>					
EDDC	Dresden	508	2,6%	16.593	0,4%
EDDE	Erfurt/Weimar	168	26,3%	4.163	-2,2%
EDDG	Münster/Osnabrück	481	11,1%	14.445	4,0%
EDDR	Saarbrücken	204	-8,9%	7.058	0,7%
EDDW	Bremen	716	-1,9%	23.701	2,9%



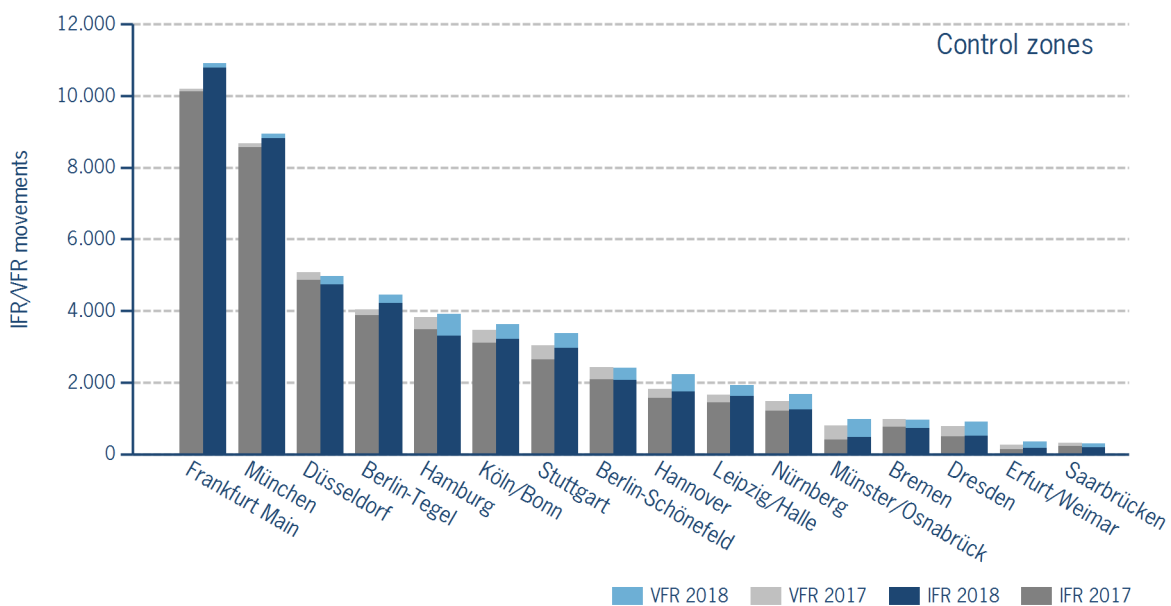
IFR/VFR flights in control zones of DFS towers

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

	Week 39	Trend	Week 1 - 39	Trend
Berlin-Schönefeld	2.408	-0,9%	89.143	2,8%
Berlin-Tegel	4.454	10,2%	143.405	-1,3%
Bremen	966	-1,4%	34.974	3,1%
Dresden	905	16,3%	29.024	4,1%
Düsseldorf	4.973	-2,0%	168.119	-6,2%
Erfurt/Weimar	346	35,7%	10.125	-4,1%
Frankfurt Main	10.916	7,0%	389.872	7,7%
Hamburg	3.912	2,2%	134.952	-3,5%
Hannover	2.222	22,4%	67.592	7,3%
Köln/Bonn	3.632	4,9%	120.834	1,3%
Leipzig/Halle	1.918	15,6%	67.119	11,8%
München	8.948	3,1%	312.406	0,8%
Münster/Osnabrück	968	22,2%	30.188	5,6%
Nürnberg	1.679	13,4%	52.834	2,7%
Saarbrücken	295	-8,7%	11.659	-1,7%
Stuttgart	3.372	11,3%	110.939	6,9%

Additional information:

Münster reported 26 glider movements for the current week, i.e. 2.244 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 39</b>	3.717	3.903	-4,8%
<b>Cumulated Weeks</b>	127.973	123.122	3,9%

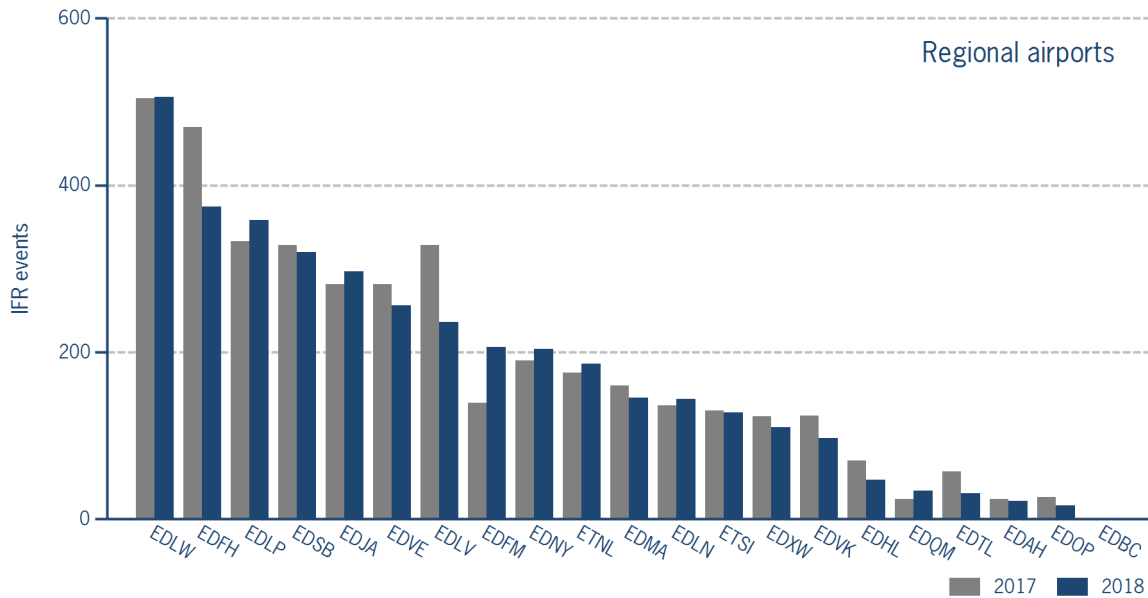
	Week 39	Trend	Week 1 - 39	Trend
EDAH Heringsdorf	22	-8,3%	712	-2,9%
EDBC Magdeburg/Cochstedt	0	N/A	1	-75,0%
EDFH Frankfurt-Hahn	374	-20,4%	15.211	-3,4%
EDFM Mannheim City	206	48,2%	5.136	6,2%
EDHL Lübeck-Blankensee	47	-32,9%	1.997	25,6%
EDJA Memmingen	297	5,7%	10.374	20,0%
EDLN Mönchengladbach	144	5,9%	5.008	13,6%
EDLP Paderborn/Lippstadt	358	7,5%	10.556	8,4%
EDLV Niederrhein	236	-28,0%	9.578	-4,5%
EDLW Dortmund	506	0,4%	16.828	10,9%
EDMA Augsburg	145	-9,4%	5.252	-1,9%
EDNY Friedrichshafen	204	7,4%	7.842	0,9%
EDOP Schwerin-Parchim	16	-38,5%	429	-48,9%
EDQM Hof-Plauen	34	41,7%	1.081	-8,2%
EDSB Karlsruhe/Baden-Baden	320	-2,4%	9.542	-4,9%
EDTL Lahr	31	-45,6%	1.104	-7,5%
EDVE Braunschweig-Wolfsburg	256	-8,9%	7.267	-1,9%
EDVK Kassel-Calden	97	-21,8%	3.566	7,0%
EDXW Sylt	110	-10,6%	5.028	5,5%
ETNL Laage	186	6,3%	7.370	21,1%
ETSI Ingolstadt/Manching	128	-1,5%	4.091	-3,9%

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

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

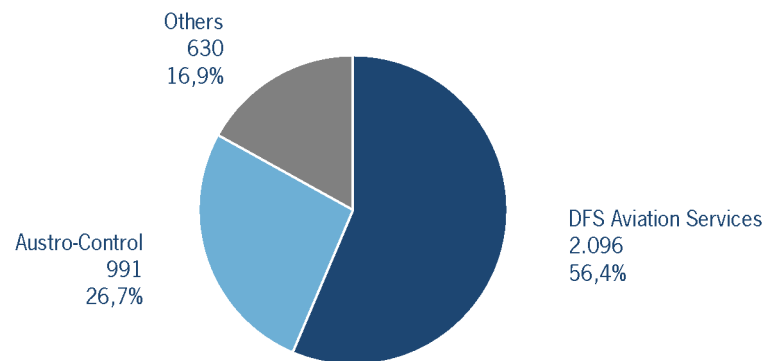
### IFR flights at regional German airports - in detail

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	0,0919	0,1620	
EDDW	Bremen	5,4298	0	
EDDL	Düsseldorf	0	1,0412	
EDDK	Köln/Bonn	0	0,6988	
EDDH	Hamburg	0	0,1142	
EDDF	Frankfurt/Main	0,0397	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)