



# LIZ Bulletin

DFS Situation and Information Centre

**Week 44**

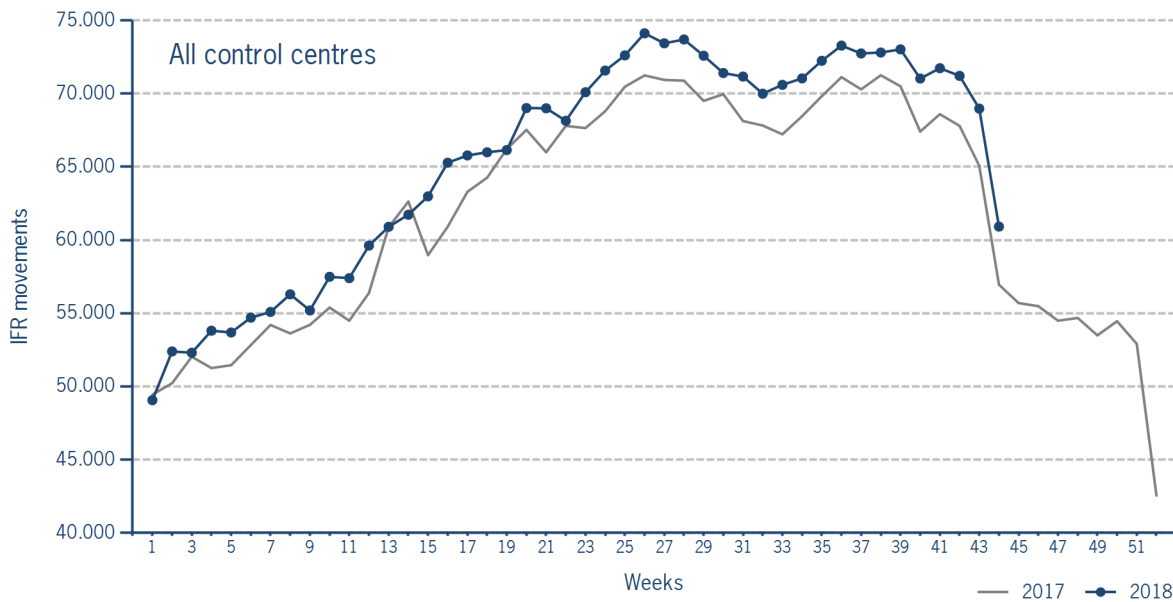
29 OCT 2018 - 4 NOV 2018

Version 08.11.2018

## 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
<b>Week 44</b>	60.919	56.951	7,0%
<b>Cumulated Weeks</b>	2.882.498	2.784.001	3,5%

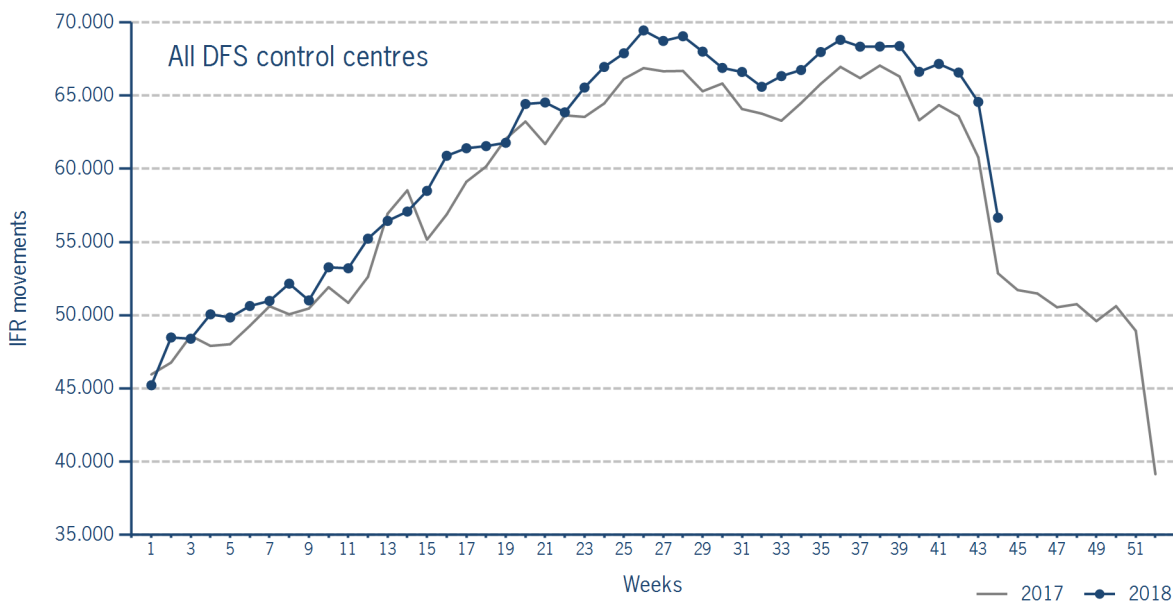


Please note: This count covers the traffic in the area build by all control sectors with a German designator („ED“), regardless of the service provider, including civil and military traffic in sectors controlled by DFS and Maastricht UAC (Maastricht-Hannover sectors). The area counted is composed of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

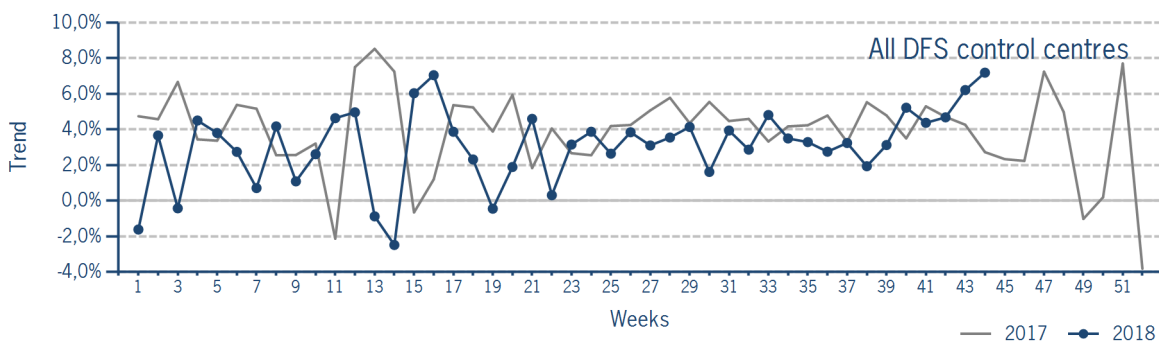
	2018	2017	Trend
<b>Week 44</b>	56.665	52.863	7,2%
<b>Cumulated Weeks</b>	2.690.481	2.609.016	3,1%



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.

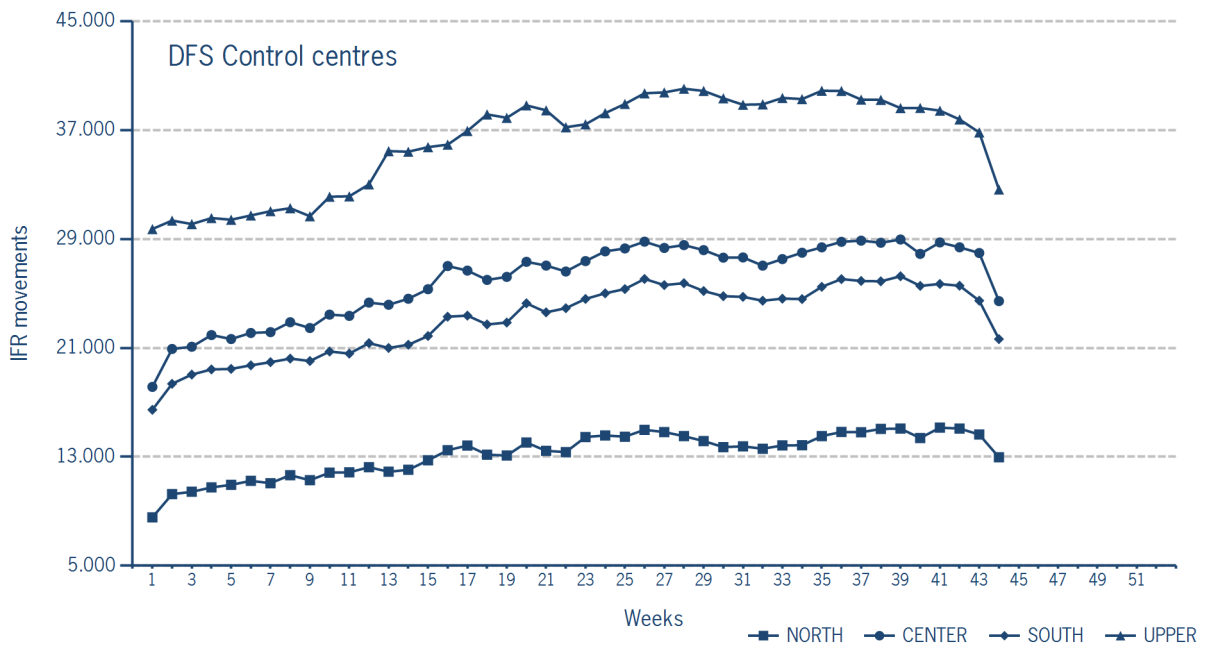


### IFR flights controlled by DFS - in detail

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

	NORTH	CENTER	SOUTH	UPPER
<b>Week 44</b>	12.965	24.437	21.648	32.635
<b>Trend</b>	22,3%	6,1%	9,2%	-0,4%
<b>Cumulated Weeks</b>	580.436	1.142.143	1.016.806	1.592.928
<b>Trend</b>	0,6%	4,1%	4,9%	-0,5%

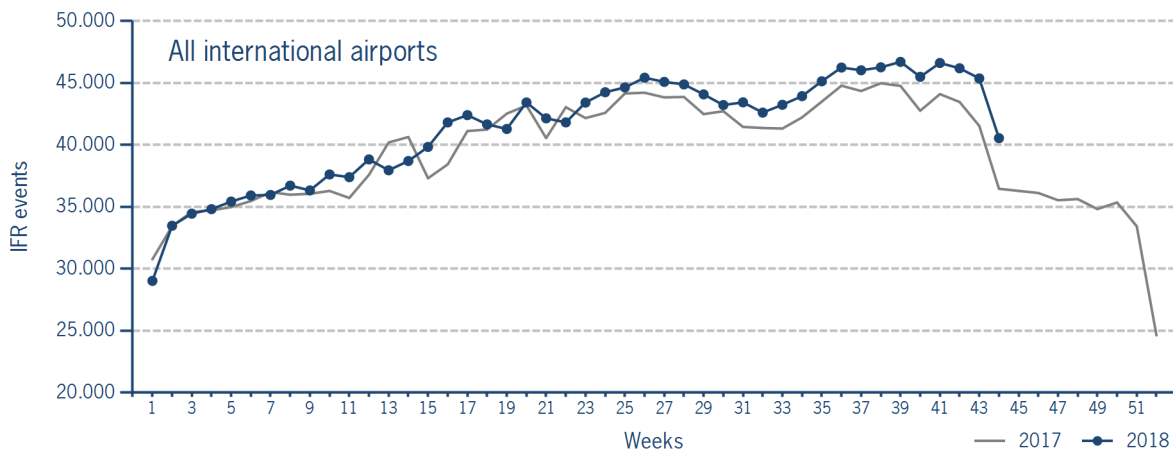
Please note: The trend numbers compare counts of the airspaces in their current configuration to the count of the same airspace in 2017.



### IFR flights at international German airports

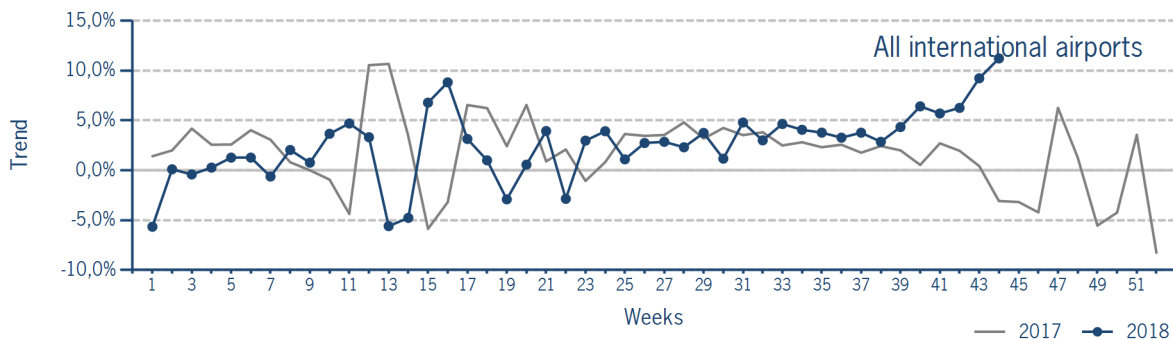
IFR events (take-offs and landings) at the international DFS towers in the Federal Republic of Germany.

	2018	2017	Trend
<b>Week 44</b>	40.544	36.456	11,2%
<b>Cumulated Weeks</b>	1.819.776	1.773.016	2,6%



### 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 44</b>	21.672	17.255	1.617
<b>Trend</b>	7,9%	15,4%	14,0%
<b>Cumulated Weeks</b>	973.068	770.974	75.734
<b>Trend</b>	2,7%	2,5%	2,8%

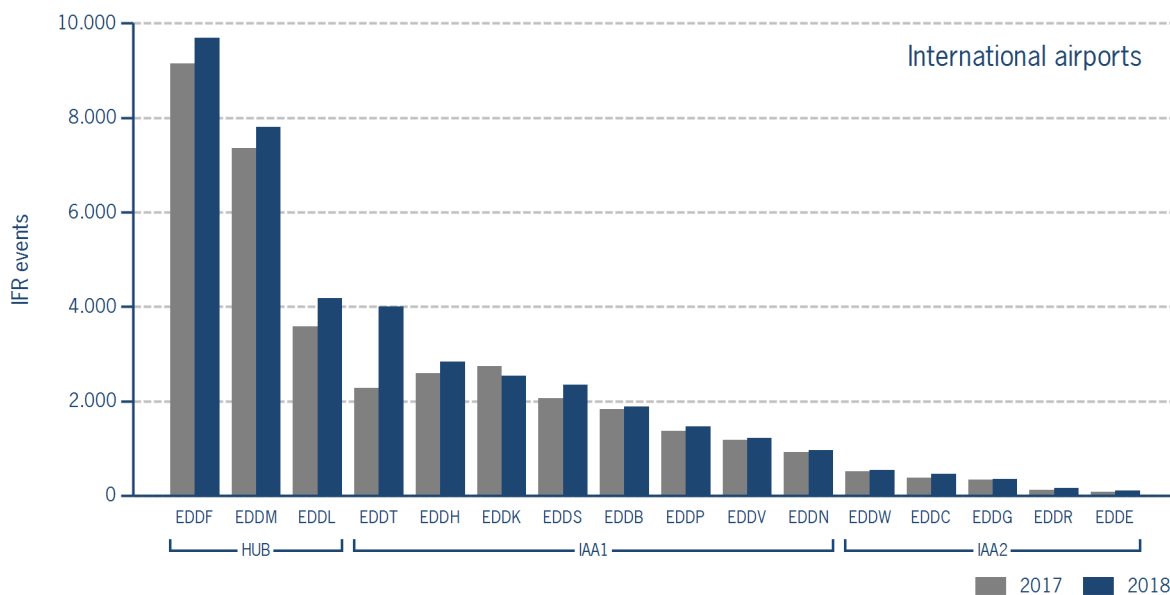
**IFR flights at international German airports - in detail**

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

		Week 44	Trend	Week 1 - 44	Trend
<b>HUB</b>					
EDDF	Frankfurt/Main	9.696	5,9%	437.844	7,6%
EDDL	Düsseldorf	4.177	16,7%	185.472	-4,9%
EDDM	München	7.799	6,0%	349.752	1,2%

		Week 44	Trend	Week 1 - 44	Trend
<b>IAA1</b>					
EDDB	Berlin-Schönefeld	1.882	3,0%	86.537	1,2%
EDDH	Hamburg	2.840	9,6%	126.792	-4,8%
EDDK	Köln/Bonn	2.540	-7,2%	123.031	2,2%
EDDN	Nürnberg	956	3,9%	46.744	1,5%
EDDP	Leipzig/Halle	1.462	7,1%	63.394	14,1%
EDDS	Stuttgart	2.343	14,0%	110.518	8,1%
EDDT	Berlin-Tegel	4.006	75,8%	156.689	1,3%
EDDV	Hannover	1.226	4,3%	57.269	5,6%

		Week 44	Trend	Week 1 - 44	Trend
<b>IAA2</b>					
EDDC	Dresden	454	21,7%	19.089	2,8%
EDDE	Erfurt/Weimar	102	24,4%	4.846	-0,3%
EDDG	Münster/Osnabrück	352	5,7%	16.736	4,9%
EDDR	Saarbrücken	164	41,4%	8.005	1,1%
EDDW	Bremen	545	5,8%	27.058	2,7%



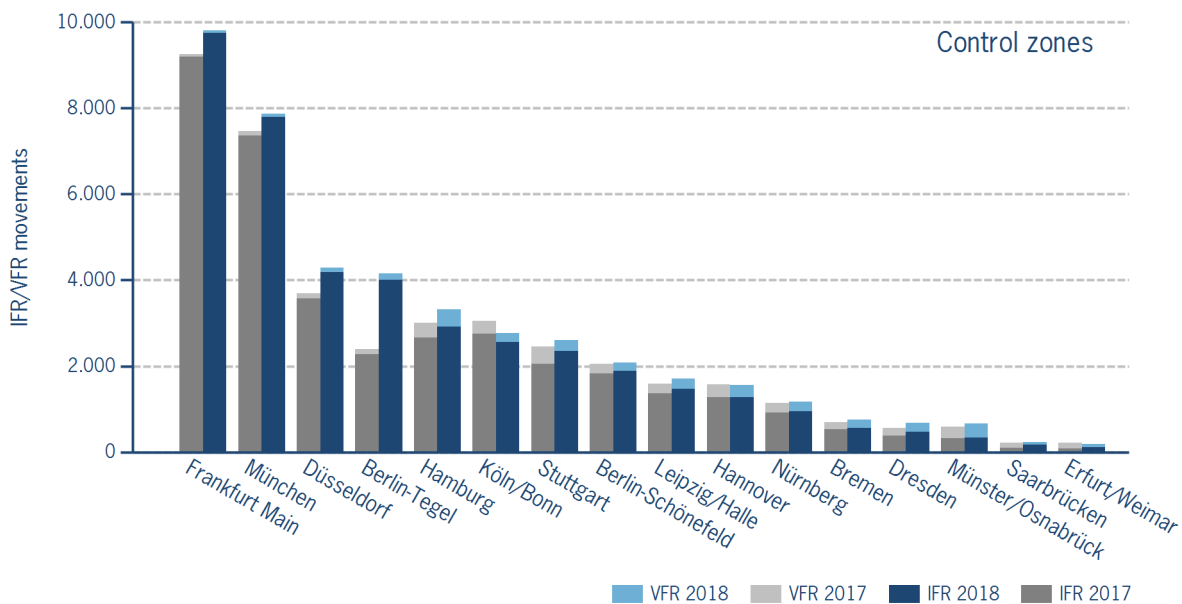
IFR/VFR flights in control zones of DFS towers

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

	Week 44	Trend	Week 1 - 44	Trend
Berlin-Schönefeld	2.088	1,5%	100.912	3,0%
Berlin-Tegel	4.155	73,2%	165.223	1,8%
Bremen	753	7,6%	39.561	3,5%
Dresden	679	20,4%	32.913	5,4%
Düsseldorf	4.289	16,1%	192.084	-4,8%
Erfurt/Weimar	193	-12,3%	11.443	-3,4%
Frankfurt Main	9.817	6,1%	442.476	7,5%
Hamburg	3.317	10,5%	153.257	-2,7%
Hannover	1.563	-1,0%	77.408	8,1%
Köln/Bonn	2.768	-9,4%	137.812	1,6%
Leipzig/Halle	1.709	7,9%	76.216	11,4%
München	7.870	5,3%	355.000	1,3%
Münster/Osnabrück	670	12,4%	34.365	7,0%
Nürnberg	1.177	3,0%	59.933	2,7%
Saarbrücken	228	3,6%	13.071	-1,3%
Stuttgart	2.606	5,9%	126.170	6,8%

Additional information:

Münster reported no glider movements for the current week, i.e. 2.434 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 44</b>	2.853	2.877	-0,8%
<b>Cumulated Weeks</b>	145.311	140.151	3,7%

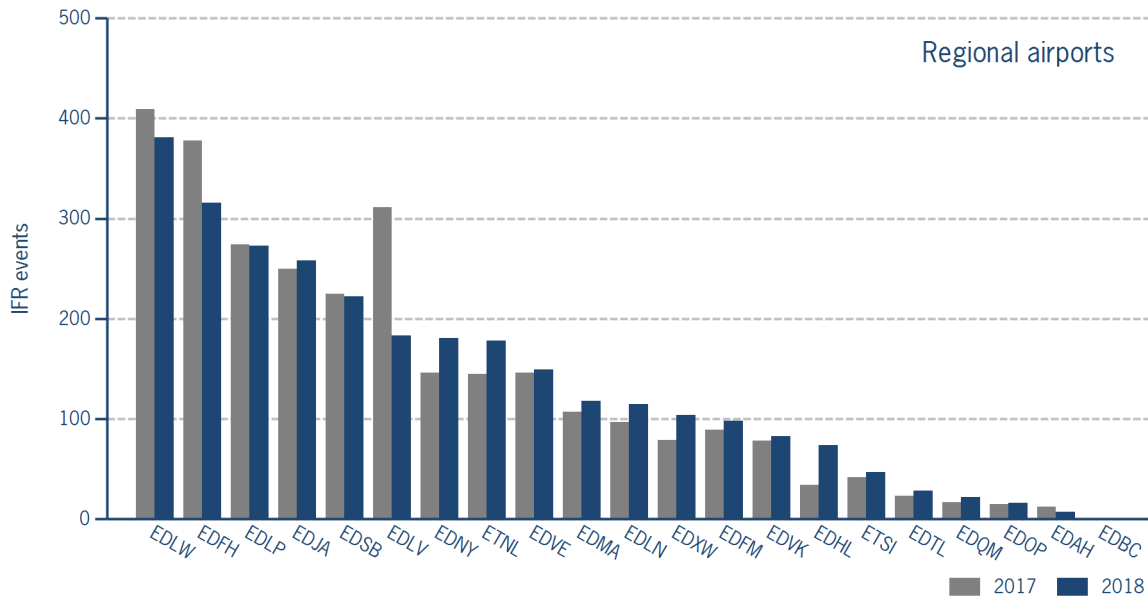
	Week 44	Trend	Week 1 - 44	Trend
EDAH Heringsdorf	7	-41,7%	797	-1,1%
EDBC Magdeburg/Cochstedt	0	N/A	1	-75,0%
EDFH Frankfurt-Hahn	316	-16,4%	17.137	-4,6%
EDFM Mannheim City	98	10,1%	5.802	5,8%
EDHL Lübeck-Blankensee	74	117,6%	2.330	35,6%
EDJA Memmingen	258	3,2%	11.753	18,2%
EDLN Mönchengladbach	115	18,6%	5.686	11,1%
EDLP Paderborn/Lippstadt	273	-0,4%	12.192	8,4%
EDLV Niederrhein	183	-41,2%	10.894	-6,8%
EDLW Dortmund	381	-6,8%	19.091	10,4%
EDMA Augsburg	118	10,3%	5.997	-2,2%
EDNY Friedrichshafen	181	24,0%	8.944	2,2%
EDOP Schwerin-Parchim	16	6,7%	477	-50,7%
EDQM Hof-Plauen	22	29,4%	1.223	-6,6%
EDSB Karlsruhe/Baden-Baden	222	-1,3%	10.856	-4,6%
EDTL Lahr	28	21,7%	1.265	-4,7%
EDVE Braunschweig-Wolfsburg	149	2,1%	8.245	-1,2%
EDVK Kassel-Calden	83	6,4%	4.052	7,4%
EDXW Sylt	104	31,6%	5.568	5,8%
ETNL Laage	178	22,8%	8.425	22,4%
ETSI Ingolstadt/Manching	47	11,9%	4.576	-4,0%

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

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

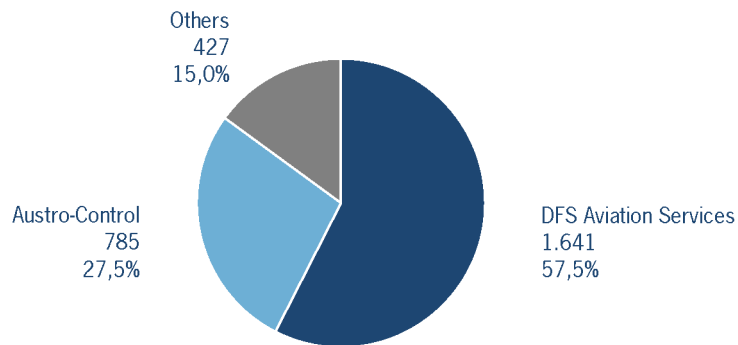
### IFR flights at regional German airports - in detail

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	0,0012	0,1241	
EDDP	Leipzig/Halle	0	2,0740	
EDDH	Hamburg	0	0,3955	
EDDL	Düsseldorf	0	0,1592	
EDDK	Köln/Bonn	0	0,0866	
EDDV	Hannover	0,0389	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)