



# LIZ Bulletin

DFS Situation and Information Centre

## Week 21

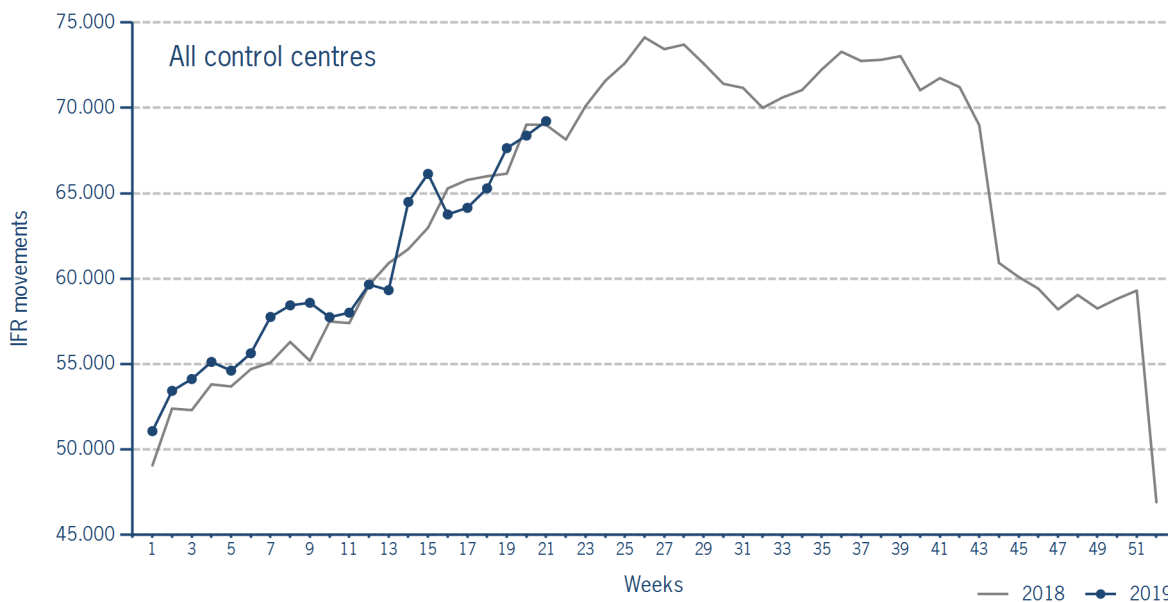
20 MAY 2019 - 26 MAY 2019

Version 29.05.2019

### 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 21	69.224	69.006	0,3%
Cumulated Weeks	1.262.546	1.243.867	1,5%

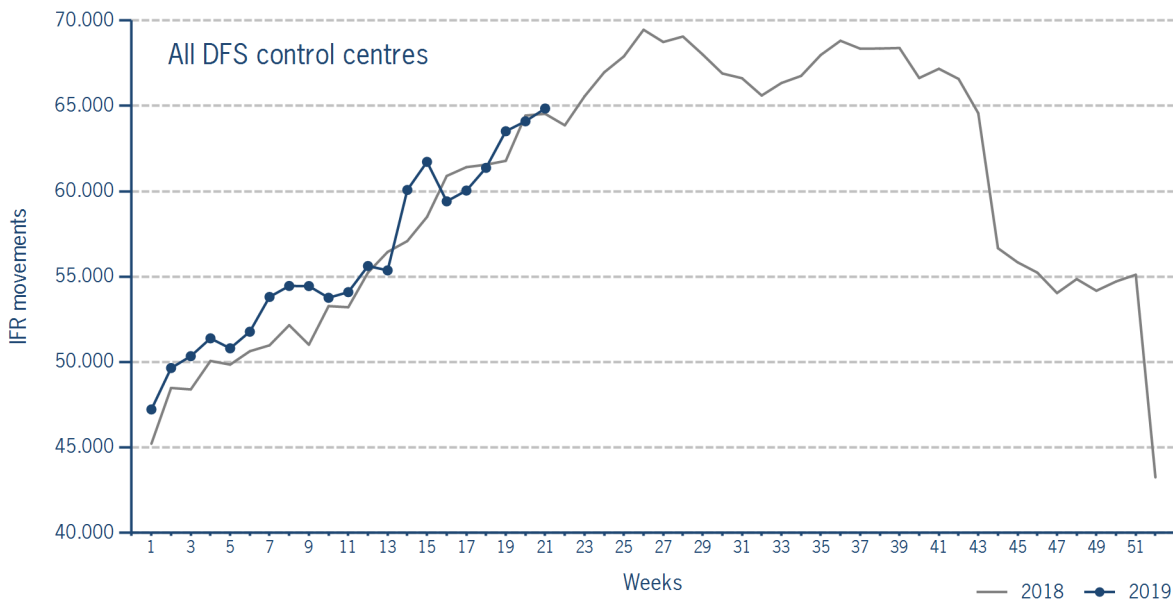


Please note: This count covers the traffic in the area build by all control sectors with a German designator („ED“), regardless of the service provider, including civil and military traffic in sectors controlled by DFS and Maastricht UAC (Maastricht-Hannover sectors). The area counted is composed of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

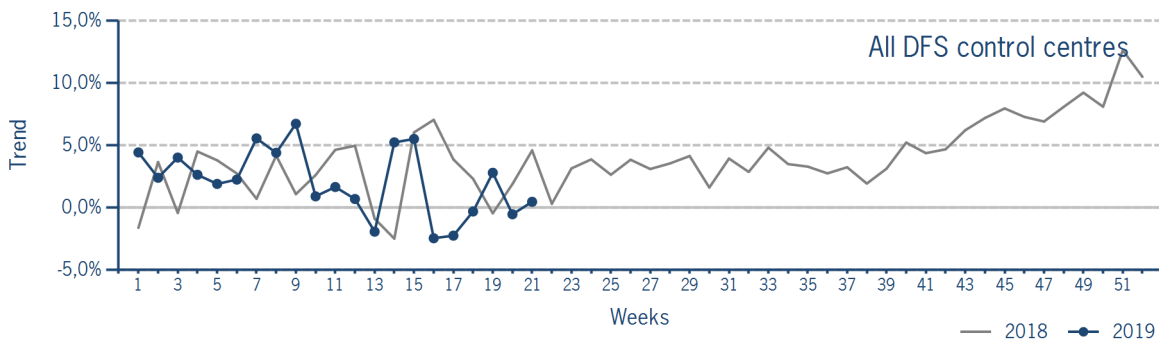
	2019	2018	Trend
<b>Week 21</b>	64.847	64.538	0,5%
<b>Cumulated Weeks</b>	1.177.809	1.155.134	2,0%



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.

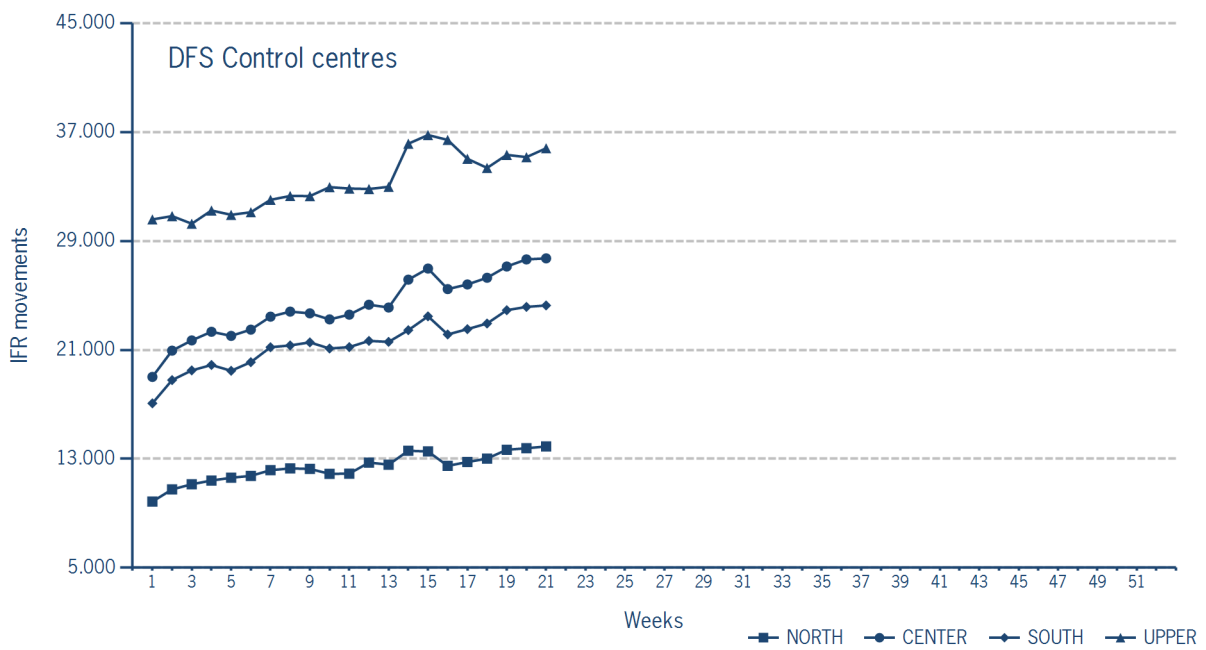


### IFR flights controlled by DFS - in detail

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

	NORTH	CENTER	SOUTH	UPPER
<b>Week 21</b>	13.911	27.724	24.267	35.811
<b>Trend</b>	3,5%	2,5%	2,8%	-6,9%
<b>Cumulated Weeks</b>	259.092	507.933	450.316	698.251
<b>Trend</b>	3,7%	1,8%	2,4%	-0,9%

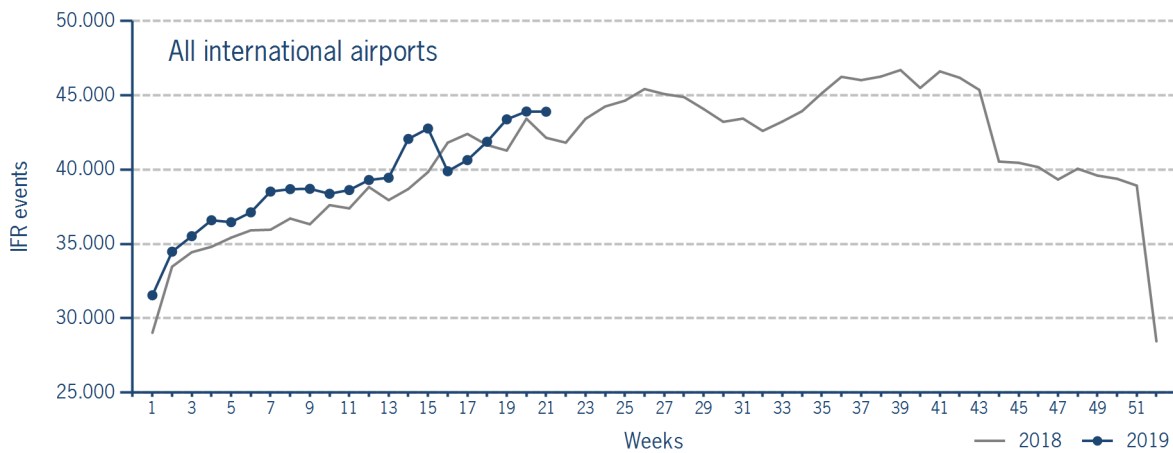
Please note: The trend numbers compare counts of the airspaces in their current configuration to the count of the same airspace in 2018.



### IFR flights at international German airports

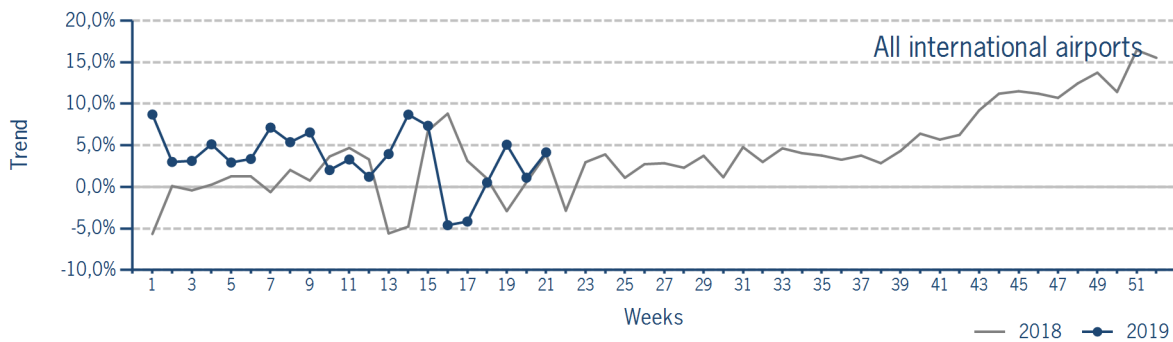
IFR events (take-offs and landings) at the international DFS towers in the Federal Republic of Germany.

	2019	2018	Trend
<b>Week 21</b>	43.898	42.144	4,2%
<b>Cumulated Weeks</b>	821.892	795.154	3,4%



### 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

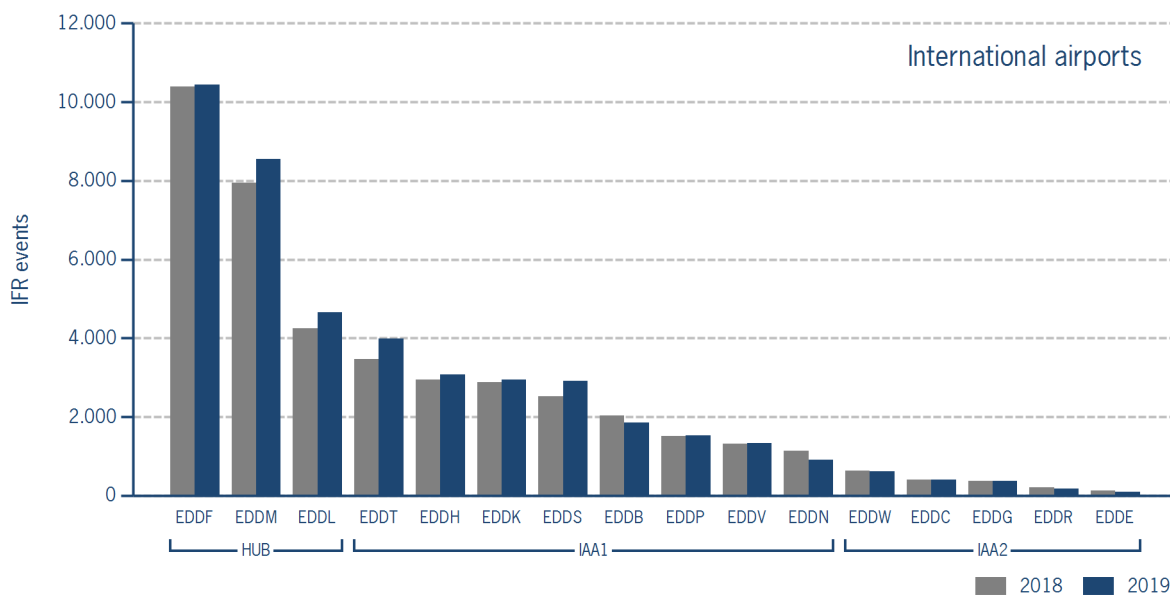
IFR events (take-offs and landings) at the international DFS towers in the Federal Republic of Germany differentiated by Hub Gateways (HUB), International Access Airports 1 (IAA1) and International Access Airports 2 (IAA2).

	HUB	IAA1	IAA2
<b>Week 21</b>	23.654	18.573	1.671
<b>Trend</b>	4,7%	4,2%	-4,2%
<b>Cumulated Weeks</b>	448.351	343.376	30.165
<b>Trend</b>	3,7%	3,6%	-4,0%

**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 21	Trend	Week 1 - 21	Trend
<b>HUB</b>					
EDDF	Frankfurt/Main	10.443	0,5%	199.718	2,0%
EDDL	Düsseldorf	4.653	9,6%	87.054	9,5%
EDDM	München	8.558	7,7%	161.579	3,0%
<b>IAA1</b>					
EDDB	Berlin-Schönefeld	1.860	-8,7%	36.327	-7,6%
EDDH	Hamburg	3.072	4,4%	57.941	2,9%
EDDK	Köln/Bonn	2.953	2,6%	51.840	-1,0%
EDDN	Nürnberg	916	-19,6%	18.072	-8,8%
EDDP	Leipzig/Halle	1.526	0,9%	29.261	4,5%
EDDS	Stuttgart	2.920	15,6%	49.478	5,4%
EDDT	Berlin-Tegel	3.992	15,1%	77.100	17,9%
EDDV	Hannover	1.334	1,6%	23.357	0,1%
<b>IAA2</b>					
EDDC	Dresden	410	2,2%	7.804	-3,7%
EDDE	Erfurt/Weimar	96	-22,6%	1.661	-6,9%
EDDG	Münster/Osnabrück	373	-0,3%	6.811	2,2%
EDDR	Saarbrücken	176	-17,0%	2.656	-20,3%
EDDW	Bremen	616	-2,8%	11.233	-2,7%



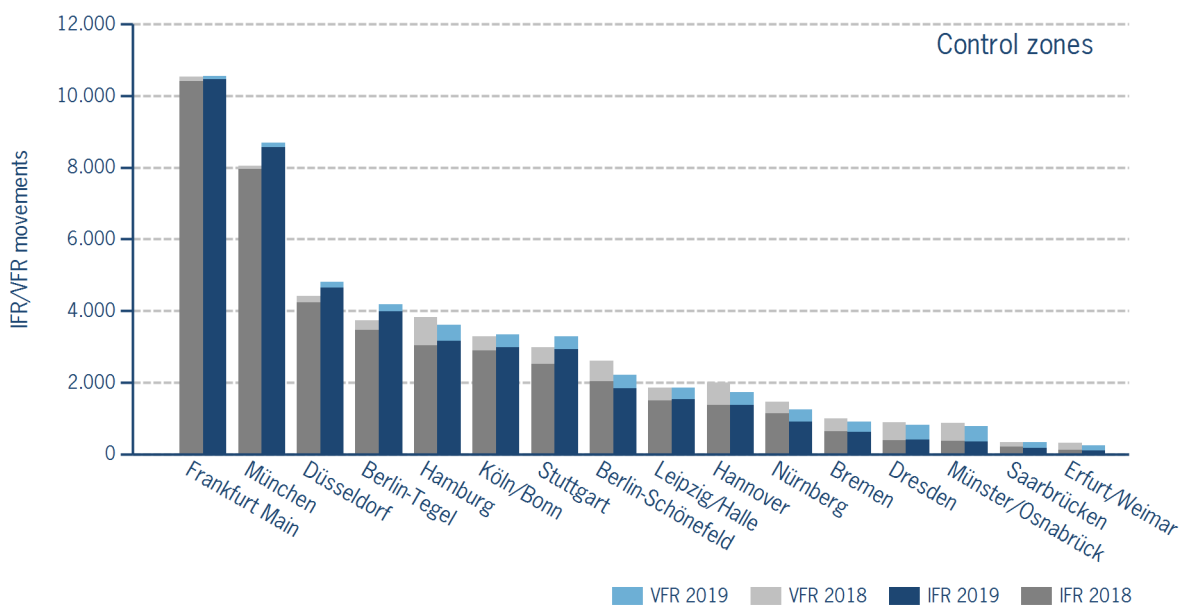
IFR/VFR flights in control zones of DFS towers

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

	Week 21	Trend	Week 1 - 21	Trend
Berlin-Schönefeld	2.212	-15,1%	41.857	-7,7%
Berlin-Tegel	4.186	11,8%	80.195	16,0%
Bremen	899	-9,6%	15.925	-5,0%
Dresden	821	-7,5%	12.663	-7,0%
Düsseldorf	4.801	8,8%	89.542	8,7%
Erfurt/Weimar	247	-21,3%	4.164	-8,4%
Frankfurt Main	10.552	0,2%	201.748	2,0%
Hamburg	3.603	-5,7%	67.227	0,8%
Hannover	1.731	-13,1%	31.058	-2,5%
Köln/Bonn	3.345	1,9%	57.225	-2,6%
Leipzig/Halle	1.846	-0,6%	34.382	1,6%
München	8.685	8,0%	163.829	2,9%
Münster/Osnabrück	775	-10,7%	13.434	-5,0%
Nürnberg	1.237	-15,4%	23.220	-7,6%
Saarbrücken	338	2,7%	4.241	-20,4%
Stuttgart	3.294	10,6%	55.165	3,6%

Additional information:

Münster reported 84 glider movements for the current week, i.e. 1.332 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 21</b>	3.451	3.368	2,5%
<b>Cumulated Weeks</b>	62.777	63.139	-0,6%

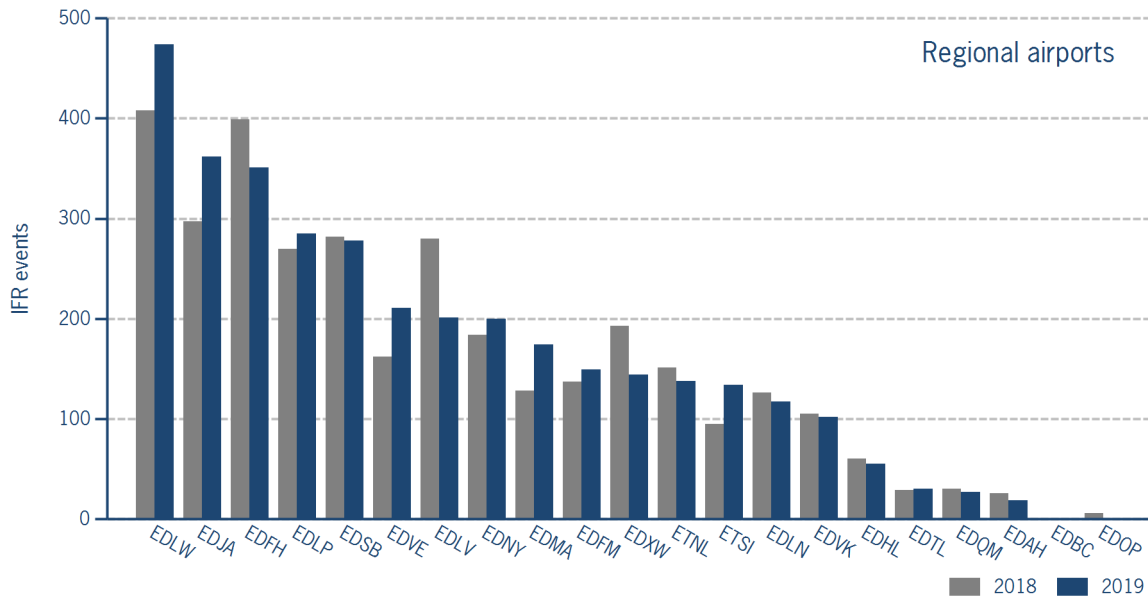
	Week 21	Trend	Week 1 - 21	Trend
EDAH Heringsdorf	19	-26,9%	264	8,2%
EDBC Magdeburg/Cochstedt	0	N/A	1	0,0%
EDFH Frankfurt-Hahn	351	-12,0%	6.751	-15,3%
EDFM Mannheim City	149	8,8%	2.717	6,5%
EDHL Lübeck-Blankensee	55	-8,3%	1.147	43,4%
EDJA Memmingen	362	21,9%	5.953	17,3%
EDLN Mönchengladbach	117	-7,1%	2.465	-6,2%
EDLP Paderborn/Lippstadt	285	5,6%	4.933	4,6%
EDLV Niederrhein	201	-28,2%	3.505	-26,5%
EDLW Dortmund	474	16,2%	9.094	7,8%
EDMA Augsburg	174	35,9%	2.698	-1,1%
EDNY Friedrichshafen	200	8,7%	4.496	9,5%
EDOP Schwerin-Parchim	0	-100,0%	24	-90,2%
EDQM Hof-Plauen	27	-10,0%	576	15,7%
EDSB Karlsruhe/Baden-Baden	278	-1,4%	4.465	-0,7%
EDTL Lahr	30	3,4%	627	4,3%
EDVE Braunschweig-Wolfsburg	211	30,2%	3.833	-2,5%
EDVK Kassel-Calden	102	-2,9%	1.668	-7,8%
EDXW Sylt	144	-25,4%	1.798	-7,5%
ETNL Laage	138	-8,6%	3.414	1,1%
ETSI Ingolstadt/Manching	134	41,1%	2.348	6,1%

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

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

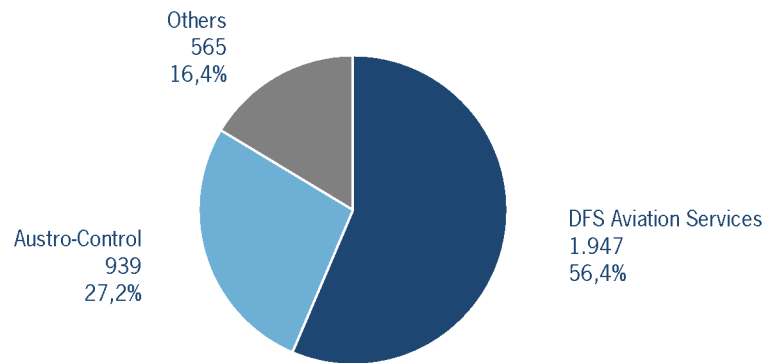
### IFR flights at regional German airports - in detail

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	0,0355	0,8852	
EDDH	Hamburg	0	2,9929	
EDDF	Frankfurt/Main	0,0172	2,2421	
EDDW	Bremen	2,2186	0	
EDDK	Köln/Bonn	0	0,6779	
EDDL	Düsseldorf	0	0,3381	
EDDS	Stuttgart	0	0,2842	
EDDP	Leipzig/Halle	0	0,2164	
EDDM	München	0	0,1799	

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)