



# LIZ Bulletin

DFS Situation and Information Centre

**Week 16**

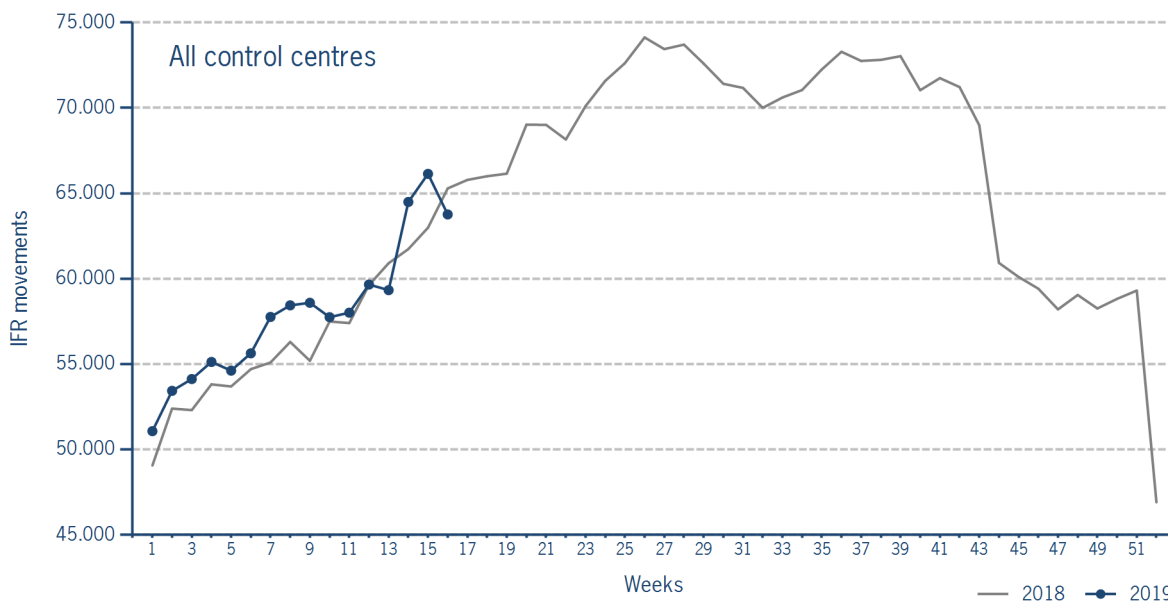
15 APR 2019 - 21 APR 2019

Version 25.04.2019

## 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
<b>Week 16</b>	63.761	65.285	-2,3%
<b>Cumulated Weeks</b>	927.861	907.910	2,2%

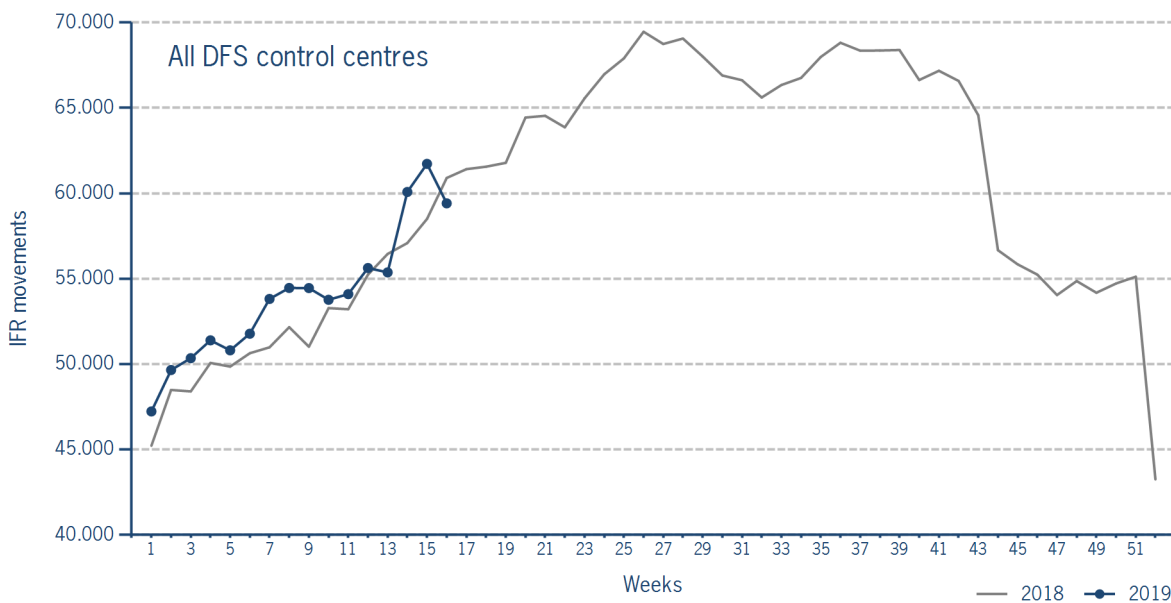


Please note: This count covers the traffic in the area build by all control sectors with a German designator („ED“), regardless of the service provider, including civil and military traffic in sectors controlled by DFS and Maastricht UAC (Maastricht-Hannover sectors). The area counted is composed of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

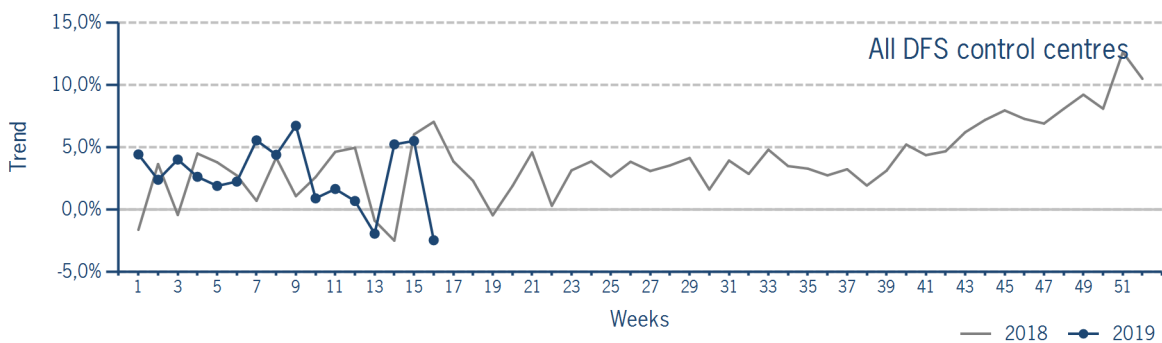
	2019	2018	Trend
<b>Week 16</b>	59.411	60.897	-2,4%
<b>Cumulated Weeks</b>	863.930	841.407	2,7%



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.

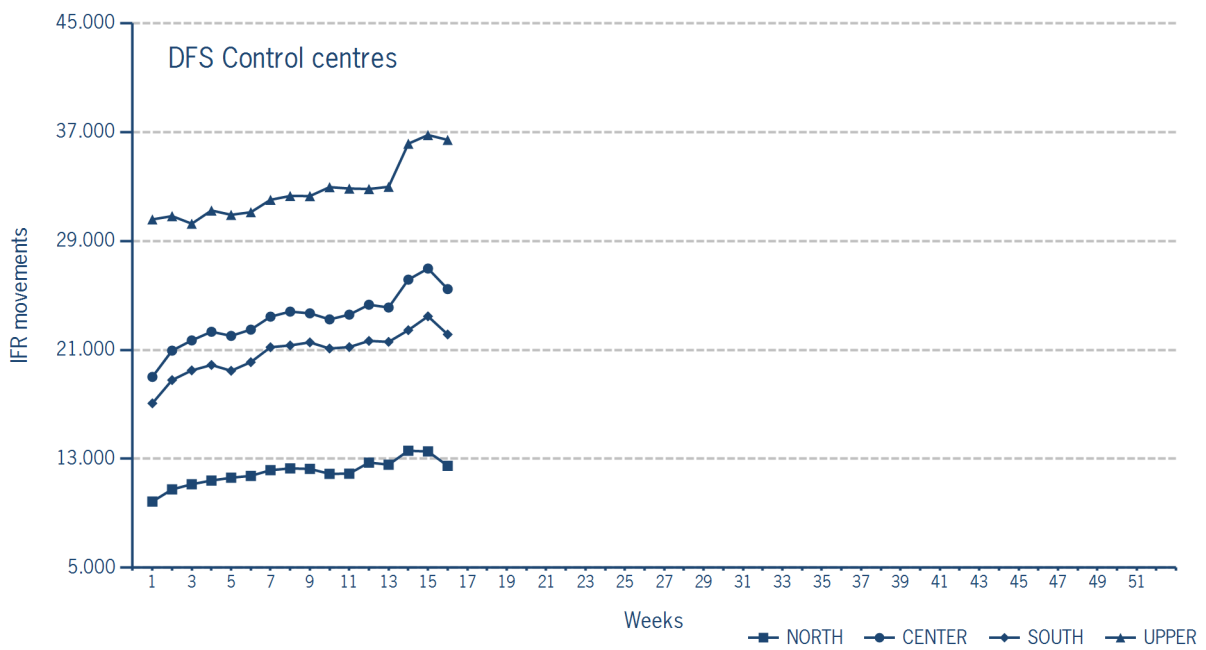


### IFR flights controlled by DFS - in detail

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

	NORTH	CENTER	SOUTH	UPPER
<b>Week 16</b>	12.484	25.466	22.135	36.422
<b>Trend</b>	-7,4%	-5,7%	-5,0%	1,4%
<b>Cumulated Weeks</b>	191.955	373.326	332.508	522.550
<b>Trend</b>	5,3%	2,1%	3,0%	1,5%

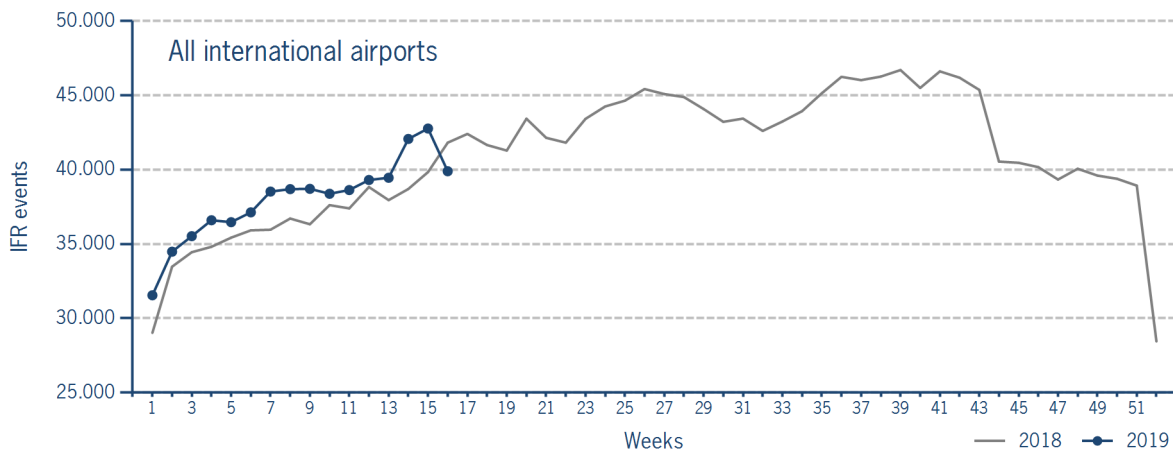
Please note: The trend numbers compare counts of the airspaces in their current configuration to the count of the same airspace in 2018.



### IFR flights at international German airports

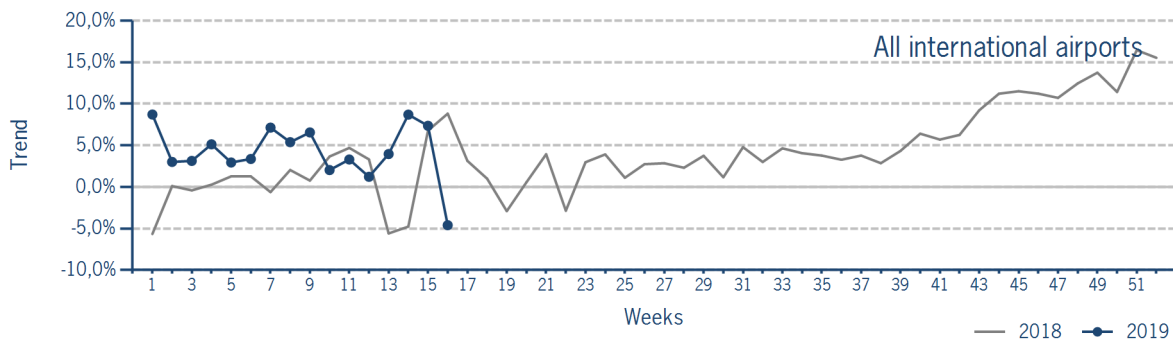
IFR events (take-offs and landings) at the international DFS towers in the Federal Republic of Germany.

	2019	2018	Trend
<b>Week 16</b>	39.894	41.815	-4,6%
<b>Cumulated Weeks</b>	608.171	584.235	4,1%



### 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

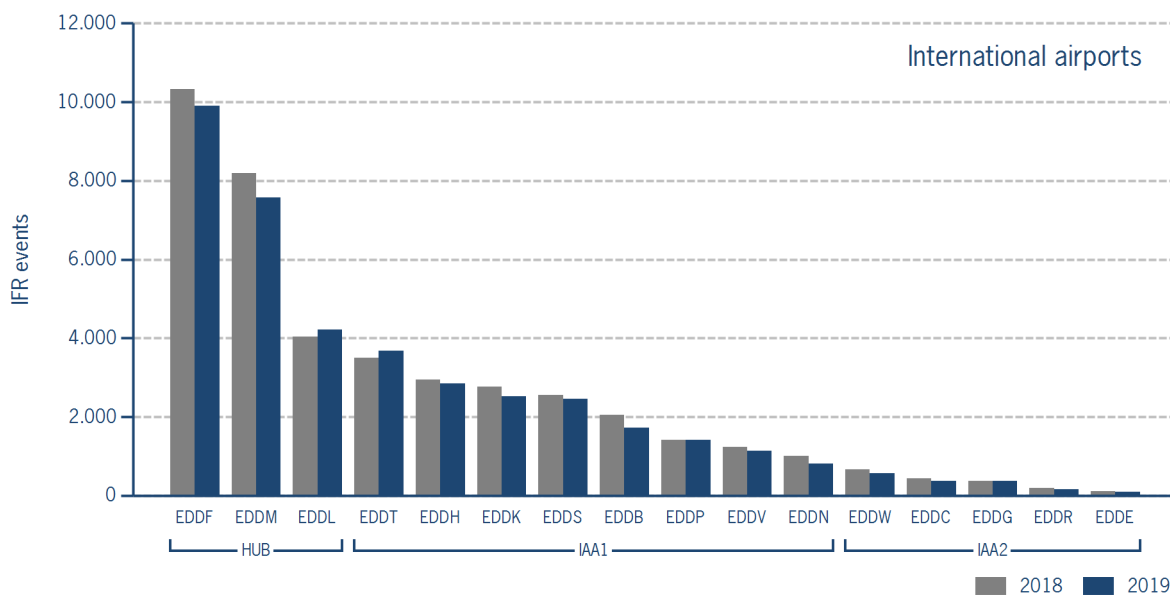
IFR events (take-offs and landings) at the international DFS towers in the Federal Republic of Germany differentiated by Hub Gateways (HUB), International Access Airports 1 (IAA1) and International Access Airports 2 (IAA2).

	HUB	IAA1	IAA2
<b>Week 16</b>	21.703	16.619	1.572
<b>Trend</b>	-3,8%	-4,9%	-11,5%
<b>Cumulated Weeks</b>	332.576	253.644	21.951
<b>Trend</b>	4,2%	4,7%	-2,9%

**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 16	Trend	Week 1 - 16	Trend
<b>HUB</b>					
EDDF	Frankfurt/Main	9.899	-4,2%	148.035	2,6%
EDDL	Düsseldorf	4.223	4,7%	64.375	10,4%
EDDM	München	7.581	-7,4%	120.166	3,0%
<b>IAA1</b>					
EDDB	Berlin-Schönefeld	1.730	-15,9%	27.418	-5,6%
EDDH	Hamburg	2.843	-3,6%	42.717	3,4%
EDDK	Köln/Bonn	2.516	-9,3%	37.793	-1,1%
EDDN	Nürnberg	819	-18,2%	13.525	-5,5%
EDDP	Leipzig/Halle	1.422	1,0%	22.033	6,5%
EDDS	Stuttgart	2.460	-3,6%	35.570	4,2%
EDDT	Berlin-Tegel	3.685	5,2%	57.686	20,5%
EDDV	Hannover	1.144	-7,8%	16.902	1,1%
<b>IAA2</b>					
EDDC	Dresden	380	-12,0%	5.805	-1,1%
EDDE	Erfurt/Weimar	91	-13,3%	1.184	-0,5%
EDDG	Münster/Osnabrück	365	-3,2%	4.955	1,7%
EDDR	Saarbrücken	163	-14,2%	1.866	-22,1%
EDDW	Bremen	573	-14,7%	8.141	-1,5%



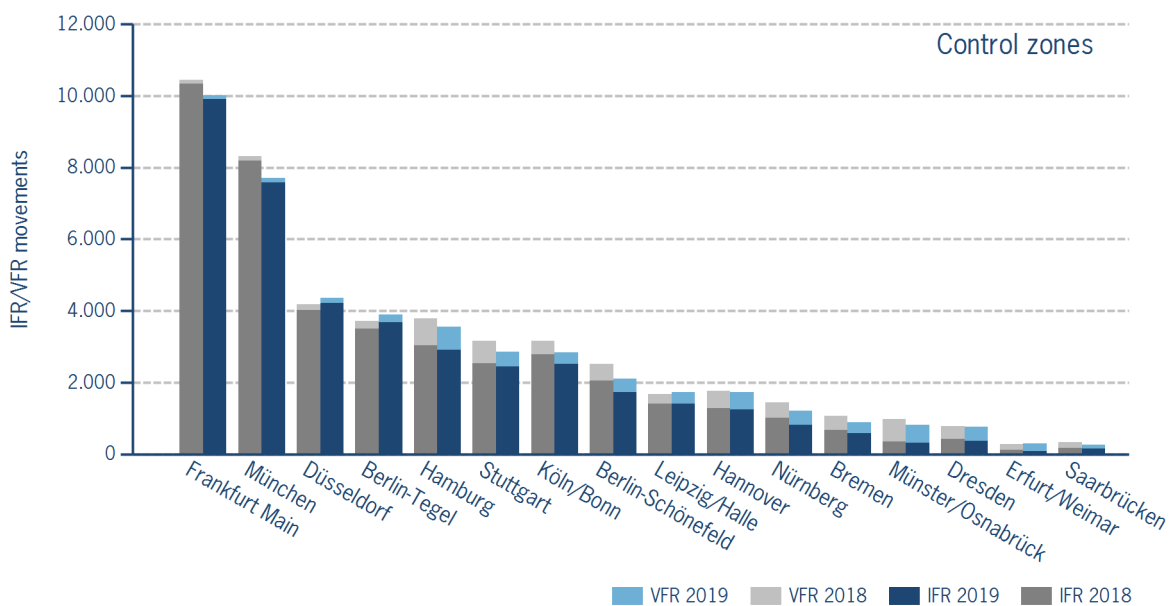
IFR/VFR flights in control zones of DFS towers

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

	Week 16	Trend	Week 1 - 16	Trend
Berlin-Schönefeld	2.110	-16,2%	31.261	-3,3%
Berlin-Tegel	3.891	4,8%	59.879	18,8%
Bremen	893	-16,5%	11.438	-3,8%
Dresden	764	-1,4%	8.845	-1,7%
Düsseldorf	4.352	3,9%	66.222	9,7%
Erfurt/Weimar	304	7,0%	2.901	-2,8%
Frankfurt Main	10.012	-4,2%	149.506	2,7%
Hamburg	3.562	-5,9%	49.220	2,7%
Hannover	1.724	-2,6%	22.587	0,9%
Köln/Bonn	2.842	-10,1%	41.606	-2,5%
Leipzig/Halle	1.737	3,8%	25.621	3,6%
München	7.703	-7,4%	121.857	3,0%
Münster/Osnabrück	820	-15,8%	9.498	-6,3%
Nürnberg	1.215	-15,6%	17.225	-4,6%
Saarbrücken	266	-20,6%	2.898	-23,6%
Stuttgart	2.851	-9,6%	39.685	2,9%

Additional information:

Münster reported 196 glider movements for the current week, i.e. 716 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 16</b>	3.145	4.275	-26,4%
<b>Cumulated Weeks</b>	46.226	46.095	0,3%

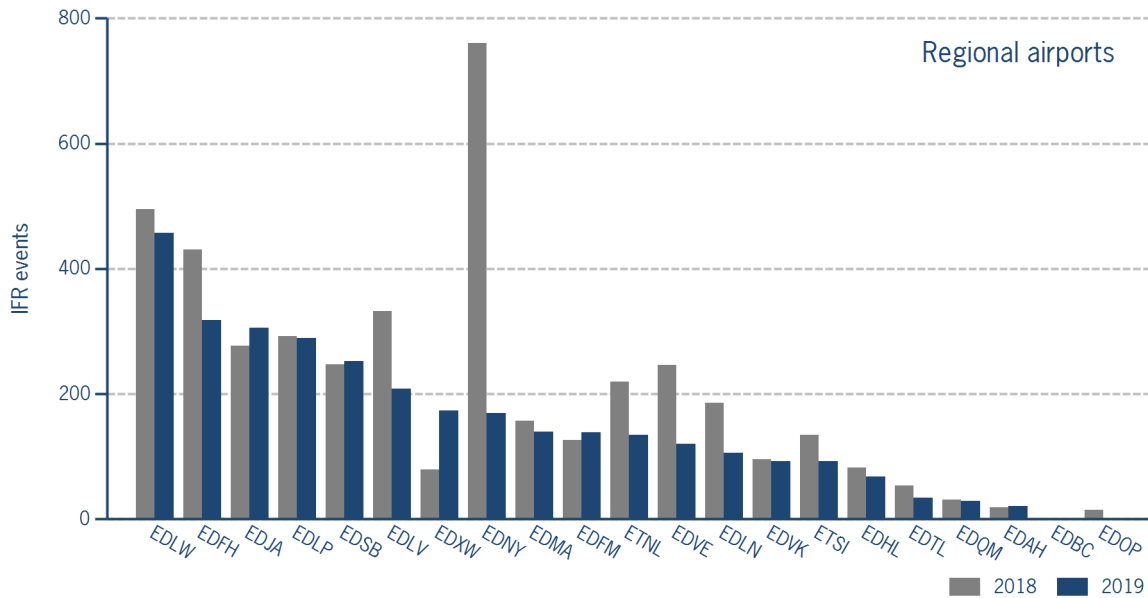
	Week 16	Trend	Week 1 - 16	Trend
EDAH Heringsdorf	21	10,5%	130	-0,8%
EDBC Magdeburg/Cochstedt	0	N/A	1	0,0%
EDFH Frankfurt-Hahn	318	-26,0%	5.178	-12,1%
EDFM Mannheim City	138	9,5%	2.011	6,2%
EDHL Lübeck-Blankensee	68	-17,1%	821	51,8%
EDJA Memmingen	305	10,1%	4.281	16,2%
EDLN Mönchengladbach	106	-43,0%	1.886	-4,1%
EDLP Paderborn/Lippstadt	289	-1,0%	3.512	4,1%
EDLV Niederrhein	208	-37,3%	2.448	-25,0%
EDLW Dortmund	457	-7,7%	6.761	7,0%
EDMA Augsburg	140	-10,8%	1.975	-1,2%
EDNY Friedrichshafen	169	-77,8%	3.551	8,5%
EDOP Schwerin-Parchim	0	-100,0%	24	-88,2%
EDQM Hof-Plauen	29	-6,5%	421	15,3%
EDSB Karlsruhe/Baden-Baden	252	2,0%	3.250	0,8%
EDTL Lahr	34	-35,8%	474	8,0%
EDVE Braunschweig-Wolfsburg	120	-51,2%	2.818	-4,1%
EDVK Kassel-Calden	92	-3,2%	1.179	-8,0%
EDXW Sylt	173	119,0%	1.138	3,6%
ETNL Laage	134	-38,8%	2.589	2,2%
ETSI Ingolstadt/Manching	92	-31,3%	1.778	6,3%

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

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

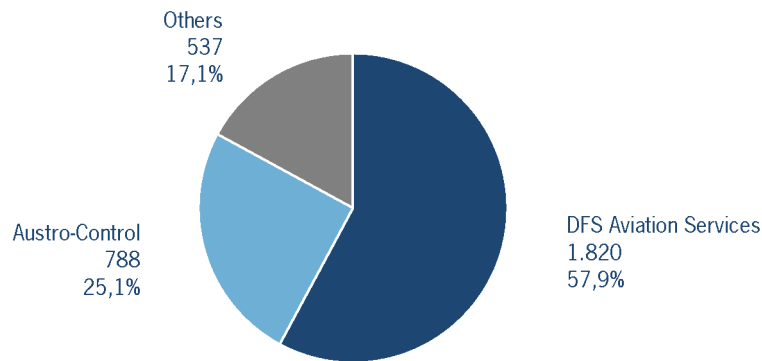
### IFR flights at regional German airports - in detail

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	0,0389	0,0744	
EDDB	Berlin-Schönefeld	0	1,4218	
EDDW	Bremen	0,7735	0	
EDDH	Hamburg	0,3924	0	
EDDK	Köln/Bonn	0	0,1483	
EDDL	Düsseldorf	0	0,0347	

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)