



# LIZ Bulletin

DFS Situation and Information Centre

Week 29

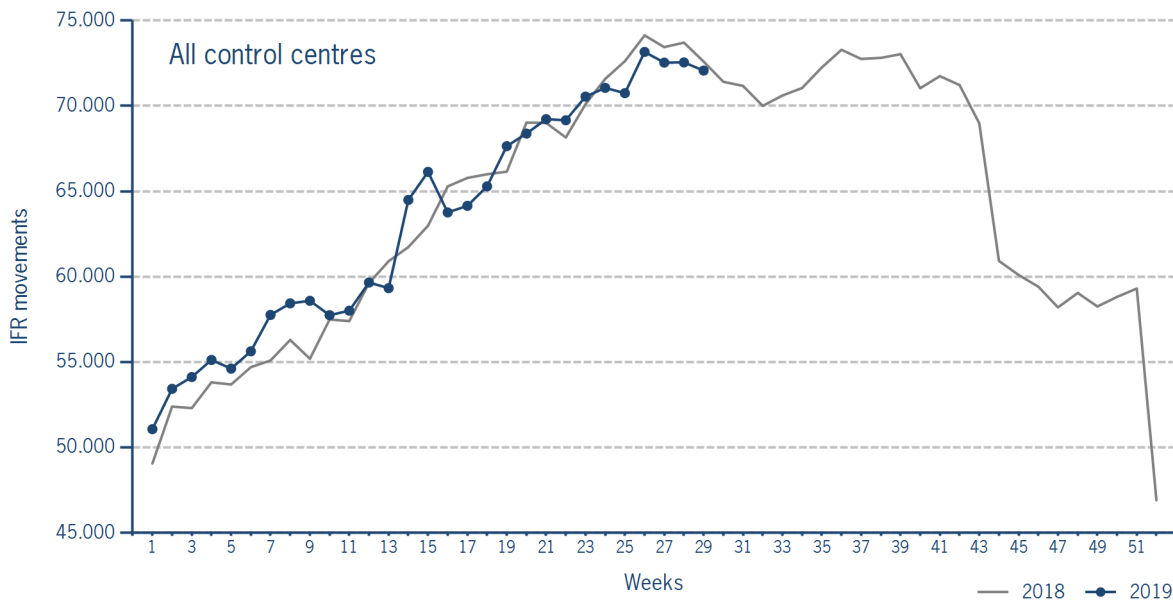
15 JUL 2019 - 21 JUL 2019

Version 24.07.2019

## 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 29	72.071	72.597	-0,7%
Cumulated Weeks	1.834.376	1.820.204	0,8%

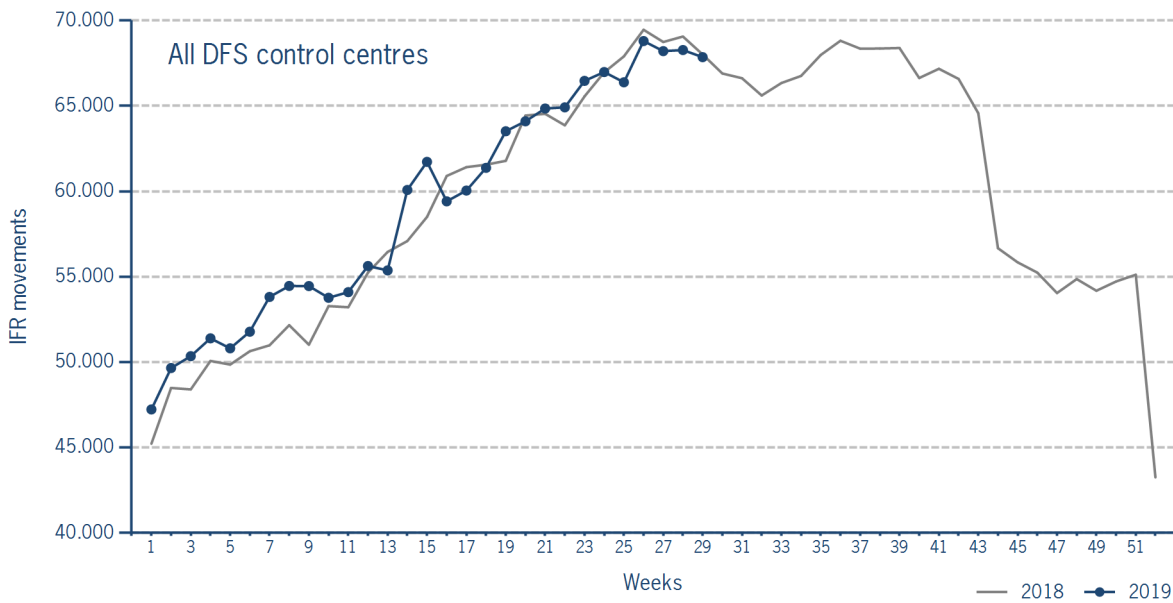


Please note: This count covers the traffic in the area build by all control sectors with a German designator („ED“), regardless of the service provider, including civil and military traffic in sectors controlled by DFS and Maastricht UAC (Maastricht-Hannover sectors). The area counted is composed of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

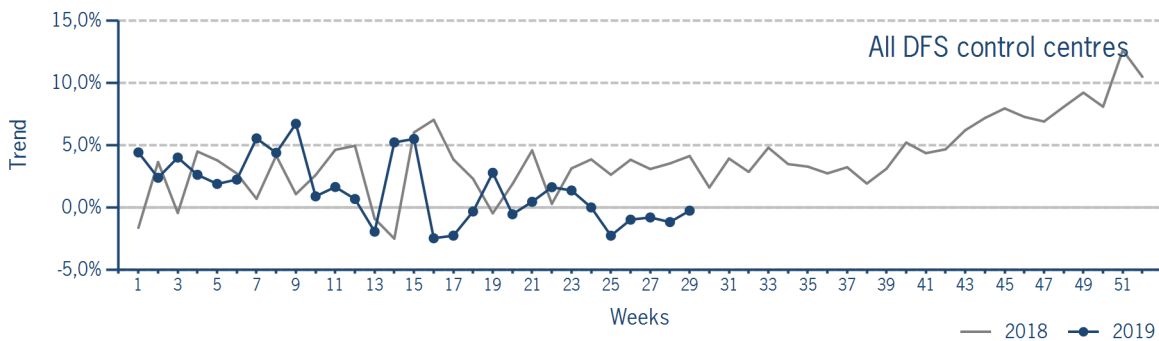
	2019	2018	Trend
<b>Week 29</b>	67.856	68.014	-0,2%
<b>Cumulated Weeks</b>	1.715.703	1.694.708	1,2%



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.

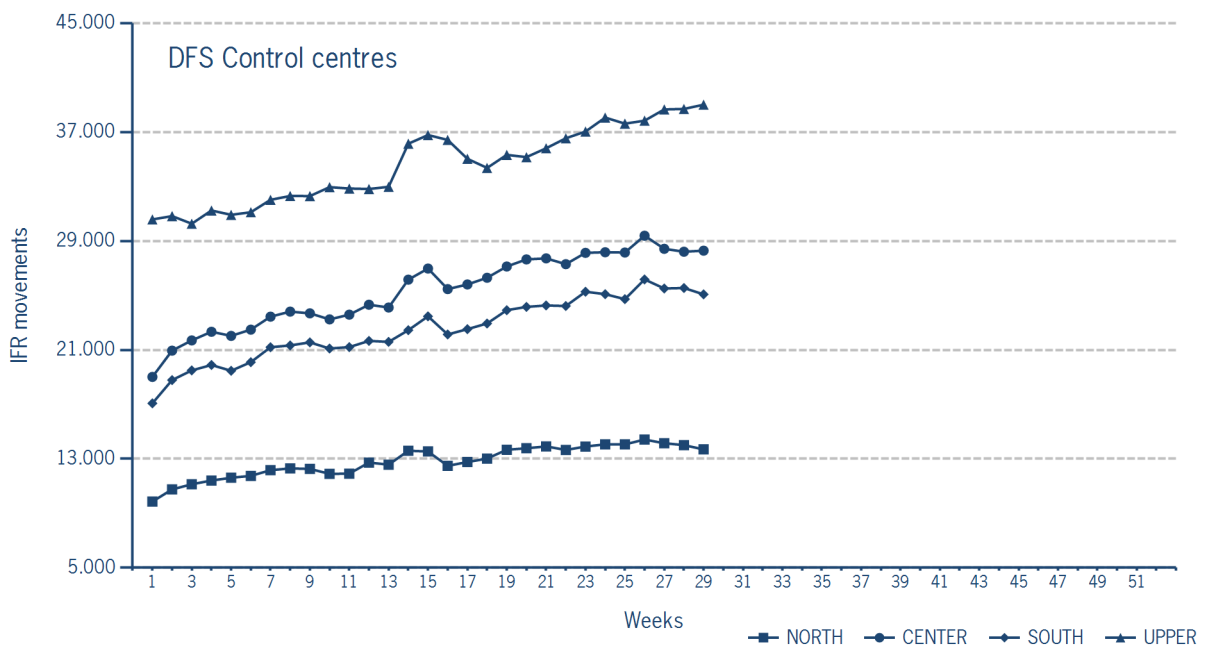


### IFR flights controlled by DFS - in detail

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

	NORTH	CENTER	SOUTH	UPPER
<b>Week 29</b>	13.692	28.290	25.081	39.013
<b>Trend</b>	-3,3%	0,4%	-0,4%	-2,2%
<b>Cumulated Weeks</b>	371.029	734.000	651.954	1.001.735
<b>Trend</b>	1,6%	1,5%	1,7%	-1,4%

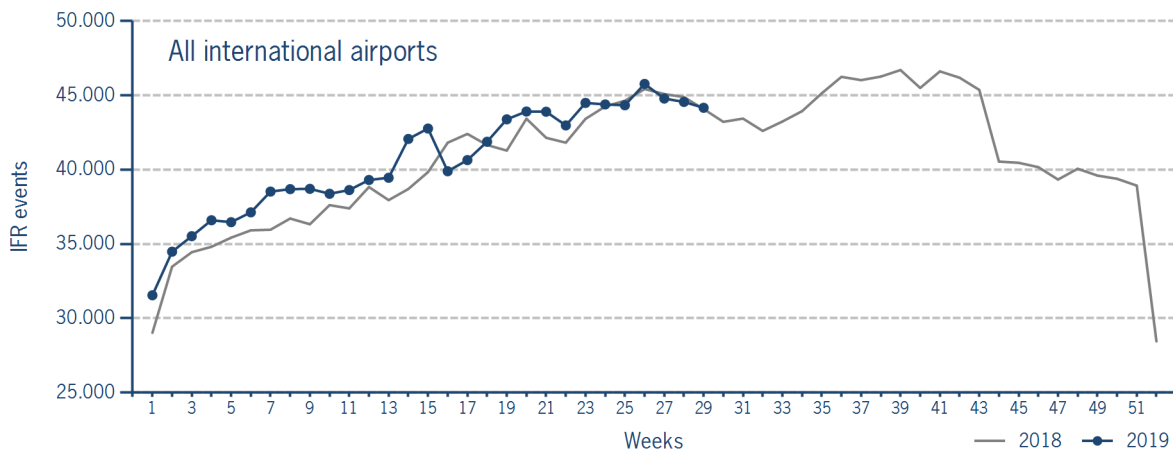
Please note: The trend numbers compare counts of the airspaces in their current configuration to the count of the same airspace in 2018.



### IFR flights at international German airports

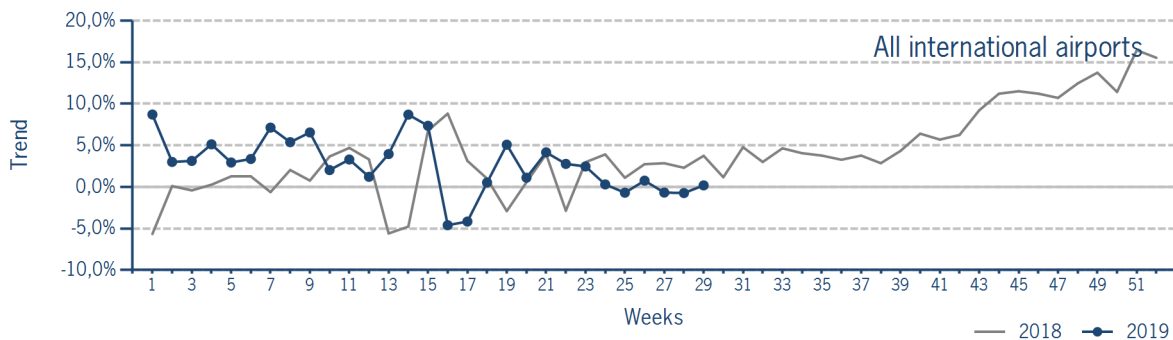
IFR events (take-offs and landings) at the international DFS towers in the Federal Republic of Germany.

	2019	2018	Trend
<b>Week 29</b>	44.164	44.079	0,2%
<b>Cumulated Weeks</b>	1.177.356	1.148.756	2,5%



### 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 29</b>	23.959	18.414	1.791
<b>Trend</b>	2,7%	-2,1%	-7,7%
<b>Cumulated Weeks</b>	639.427	493.951	43.978
<b>Trend</b>	3,2%	2,5%	-6,0%

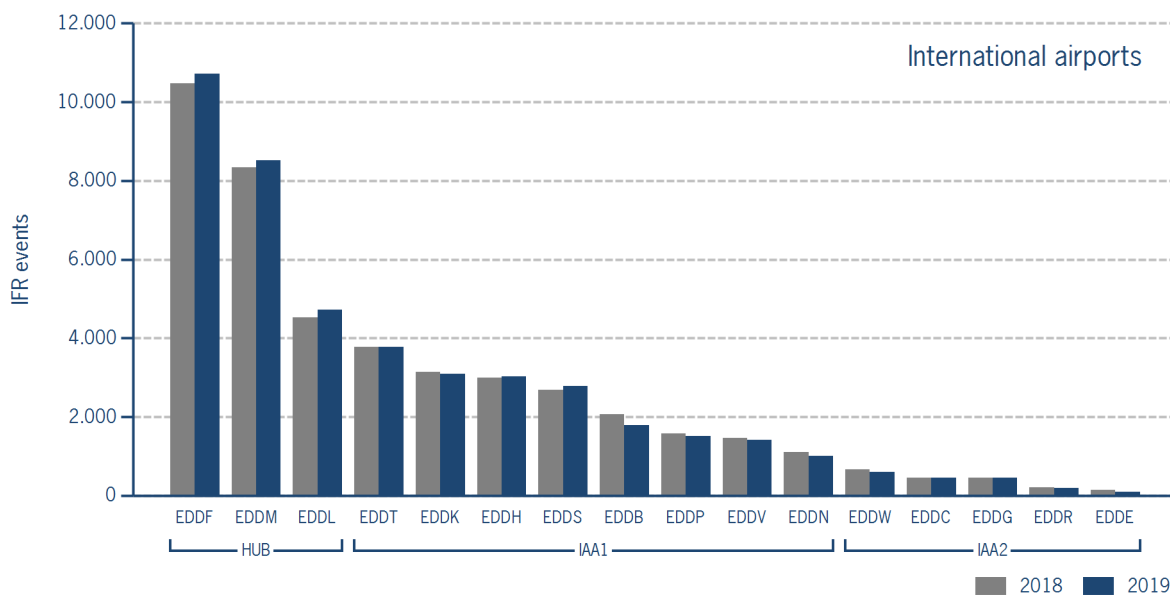
**IFR flights at international German airports - in detail**

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

		Week 29	Trend	Week 1 - 29	Trend
<b>HUB</b>					
EDDF	Frankfurt/Main	10.715	2,3%	285.003	1,8%
EDDL	Düsseldorf	4.726	4,3%	124.734	7,8%
EDDM	München	8.518	2,2%	229.690	2,5%

		Week 29	Trend	Week 1 - 29	Trend
<b>IAA1</b>					
EDDB	Berlin-Schönefeld	1.792	-13,3%	51.230	-8,3%
EDDH	Hamburg	3.029	1,3%	82.680	2,5%
EDDK	Köln/Bonn	3.094	-1,6%	76.255	-0,2%
EDDN	Nürnberg	1.009	-9,3%	26.493	-9,0%
EDDP	Leipzig/Halle	1.509	-3,9%	41.438	2,6%
EDDS	Stuttgart	2.790	4,0%	72.542	5,3%
EDDT	Berlin-Tegel	3.780	0,2%	108.529	13,2%
EDDV	Hannover	1.411	-3,5%	34.784	-0,7%

		Week 29	Trend	Week 1 - 29	Trend
<b>IAA2</b>					
EDDC	Dresden	454	0,0%	11.230	-4,6%
EDDE	Erfurt/Weimar	93	-35,9%	2.481	-13,1%
EDDG	Münster/Osnabrück	449	-1,5%	9.969	-1,4%
EDDR	Saarbrücken	196	-9,3%	4.194	-16,7%
EDDW	Bremen	599	-10,5%	16.104	-5,2%



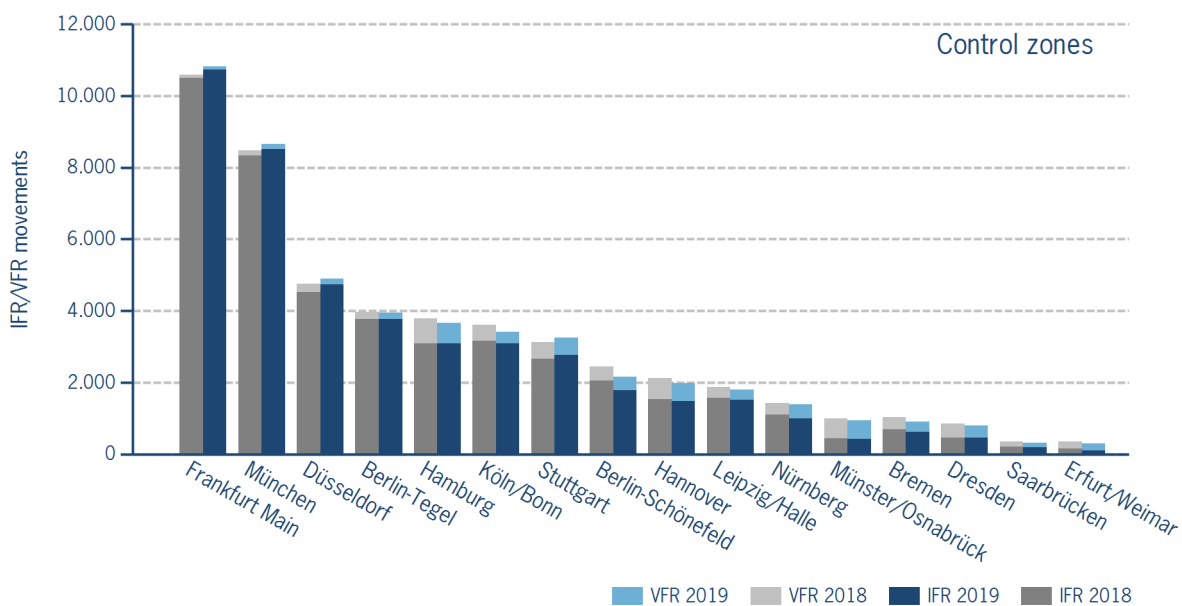
IFR/VFR flights in control zones of DFS towers

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

	Week 29	Trend	Week 1 - 29	Trend
Berlin-Schönefeld	2.162	-11,4%	59.990	-7,8%
Berlin-Tegel	3.951	-0,4%	113.188	11,8%
Bremen	913	-12,0%	23.210	-6,9%
Dresden	798	-6,2%	18.962	-6,6%
Düsseldorf	4.896	3,1%	128.608	7,2%
Erfurt/Weimar	288	-15,8%	6.933	-2,6%
Frankfurt Main	10.831	2,3%	287.944	1,8%
Hamburg	3.670	-3,1%	97.502	0,4%
Hannover	1.977	-6,8%	46.458	-2,7%
Köln/Bonn	3.411	-5,3%	84.480	-1,8%
Leipzig/Halle	1.796	-3,8%	49.203	1,0%
München	8.663	2,2%	233.135	2,4%
Münster/Osnabrück	946	-5,5%	20.301	-5,0%
Nürnberg	1.397	-2,2%	34.629	-7,0%
Saarbrücken	313	-11,3%	6.740	-17,9%
Stuttgart	3.243	3,8%	81.434	3,5%

Additional information:

Münster reported 96 glider movements for the current week, i.e. 2.336 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 29</b>	3.327	3.673	-9,4%
<b>Cumulated Weeks</b>	90.123	92.707	-2,8%

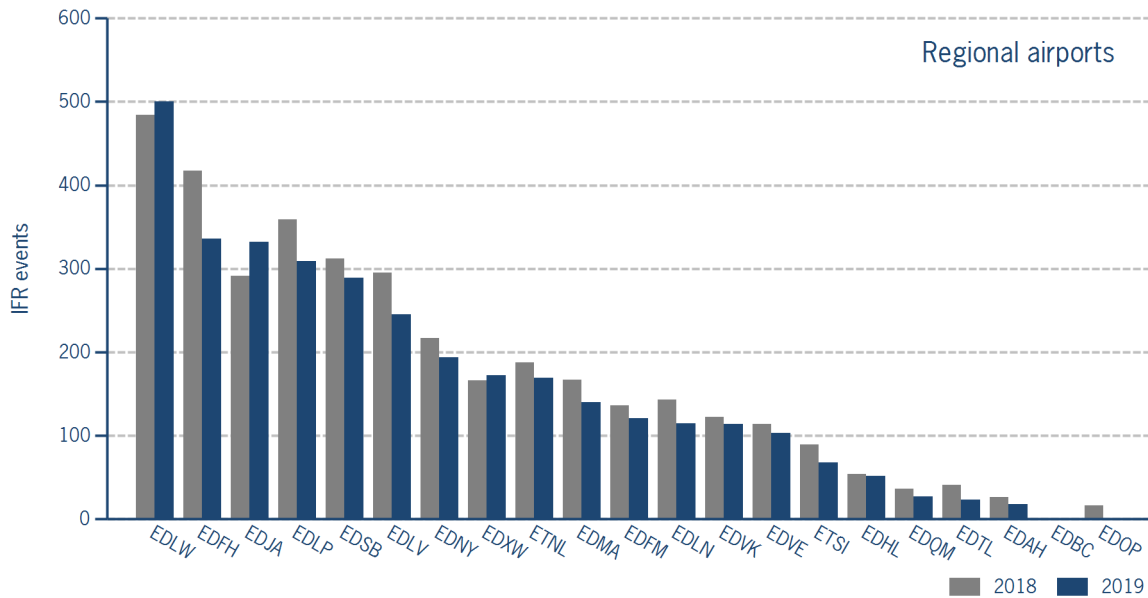
	Week 29	Trend	Week 1 - 29	Trend
EDAH Heringsdorf	18	-30,8%	462	-1,5%
EDBC Magdeburg/Cochstedt	0	N/A	1	0,0%
EDFH Frankfurt-Hahn	336	-19,4%	9.254	-18,1%
EDFM Mannheim City	121	-11,0%	3.819	4,2%
EDHL Lübeck-Blankensee	52	-3,7%	1.558	8,7%
EDJA Memmingen	332	14,1%	8.652	17,8%
EDLN Mönchengladbach	115	-19,6%	3.595	-3,7%
EDLP Paderborn/Lippstadt	309	-13,9%	7.339	-1,0%
EDLV Niederrhein	245	-16,9%	5.242	-25,0%
EDLW Dortmund	500	3,3%	13.084	8,0%
EDMA Augsburg	140	-16,2%	3.914	-1,9%
EDNY Friedrichshafen	194	-10,6%	6.099	5,1%
EDOP Schwerin-Parchim	0	-100,0%	24	-93,3%
EDQM Hof-Plauen	27	-25,0%	870	17,4%
EDSB Karlsruhe/Baden-Baden	289	-7,4%	6.706	-0,3%
EDTL Lahr	23	-43,9%	844	-1,5%
EDVE Braunschweig-Wolfsburg	103	-9,6%	5.210	-4,0%
EDVK Kassel-Calden	114	-6,6%	2.513	-3,5%
EDXW Sylt	172	3,6%	3.148	-4,6%
ETNL Laage	169	-10,1%	4.720	-11,3%
ETSI Ingolstadt/Manching	68	-23,6%	3.069	-0,9%

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

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

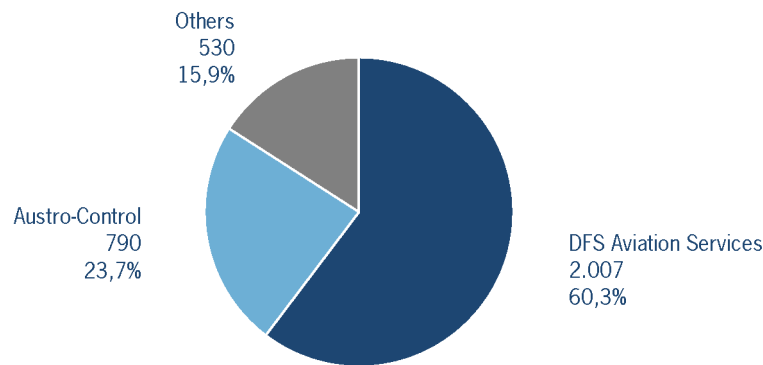
### IFR flights at regional German airports - in detail

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	0,0340	0,1455	
EDDW	Bremen	1,0399	0	
EDDH	Hamburg	0	0,6358	
EDDL	Düsseldorf	0	0,5421	
EDDK	Köln/Bonn	0	0,4511	
EDDF	Frankfurt/Main	0,0819	0	
EDDM	München	0	0,0648	

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)