



# LIZ Bulletin

DFS Situation and Information Centre

Week 28

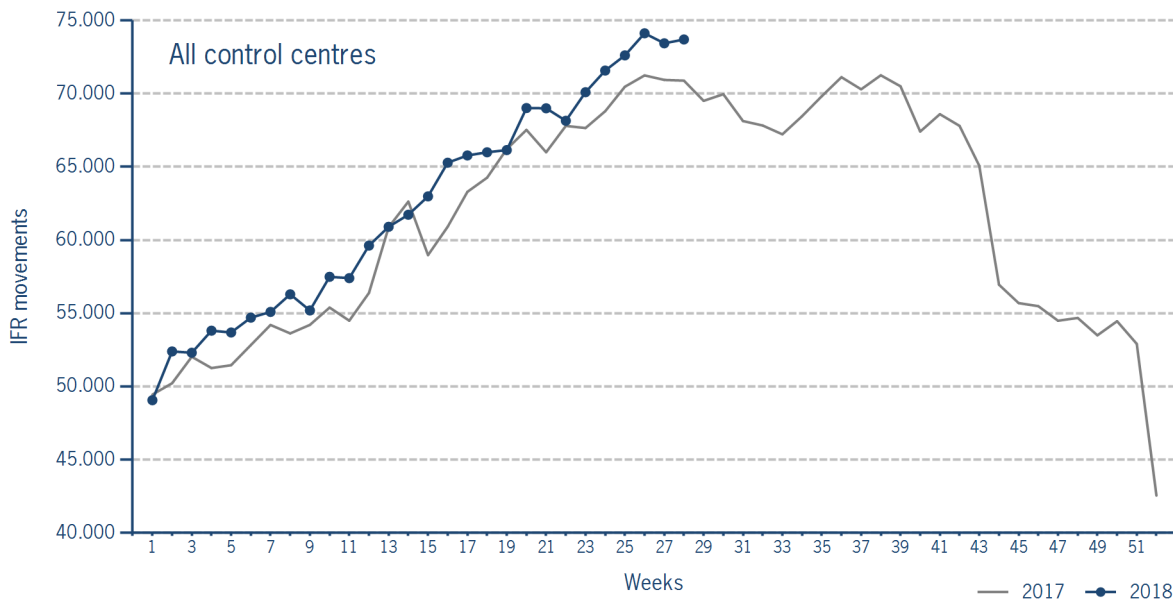
9 JUL 2018 - 15 JUL 2018

Version 17.07.2018

## 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 28	73.708	70.893	4,0%
Cumulated Weeks	1.747.607	1.693.997	3,2%

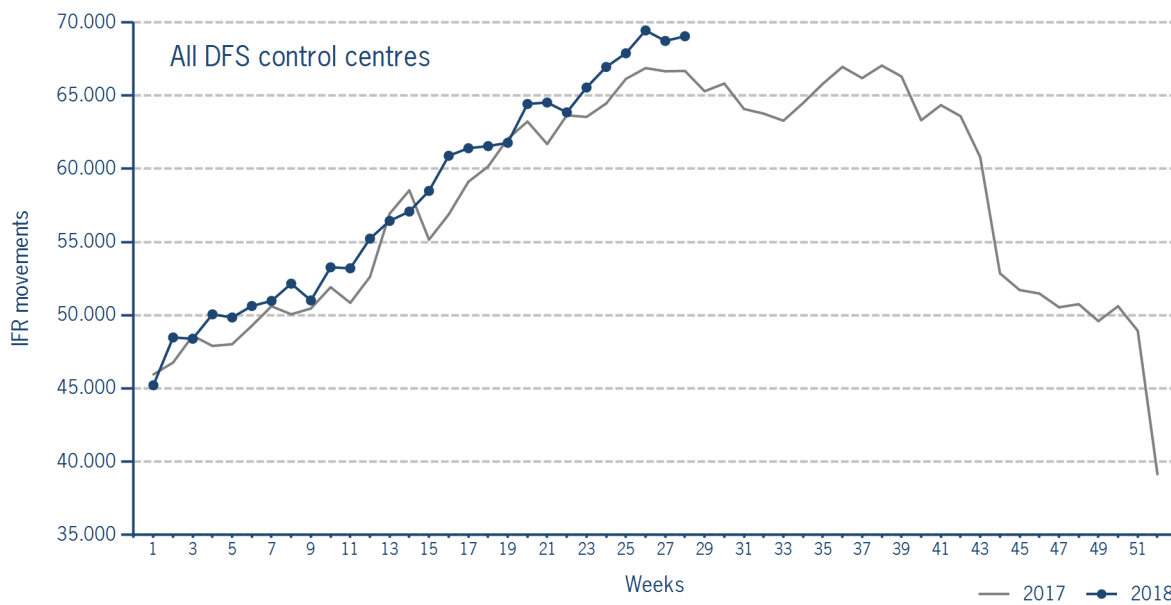


Please note: This count covers the traffic in the area build by all control sectors with a German designator („ED“), regardless of the service provider, including civil and military traffic in sectors controlled by DFS and Maastricht UAC (Maastricht-Hannover sectors). The area counted is composed of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

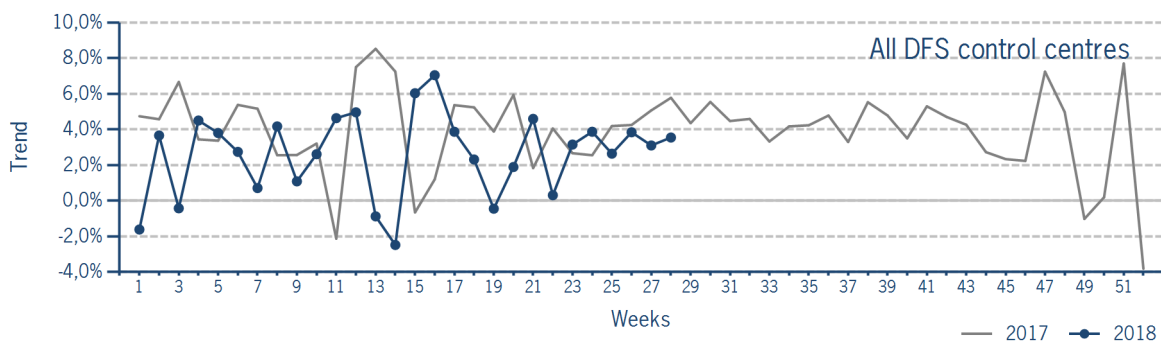
	2018	2017	Trend
<b>Week 28</b>	69.064	66.694	3,6%
<b>Cumulated Weeks</b>	1.626.694	1.584.909	2,6%



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.

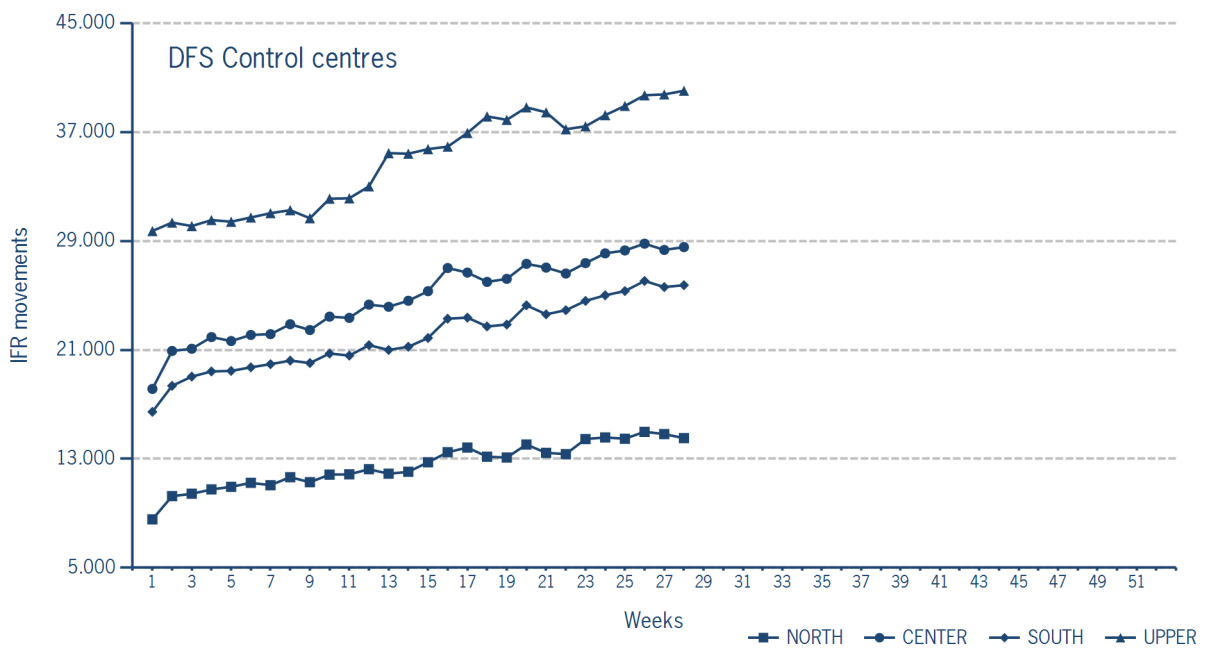


### IFR flights controlled by DFS - in detail

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

	NORTH	CENTER	SOUTH	UPPER
<b>Week 28</b>	14.517	28.551	25.754	40.036
<b>Trend</b>	-0,1%	4,5%	6,0%	-2,7%
<b>Cumulated Weeks</b>	351.033	694.927	615.857	976.196
<b>Trend</b>	-1,4%	3,9%	3,9%	0,7%

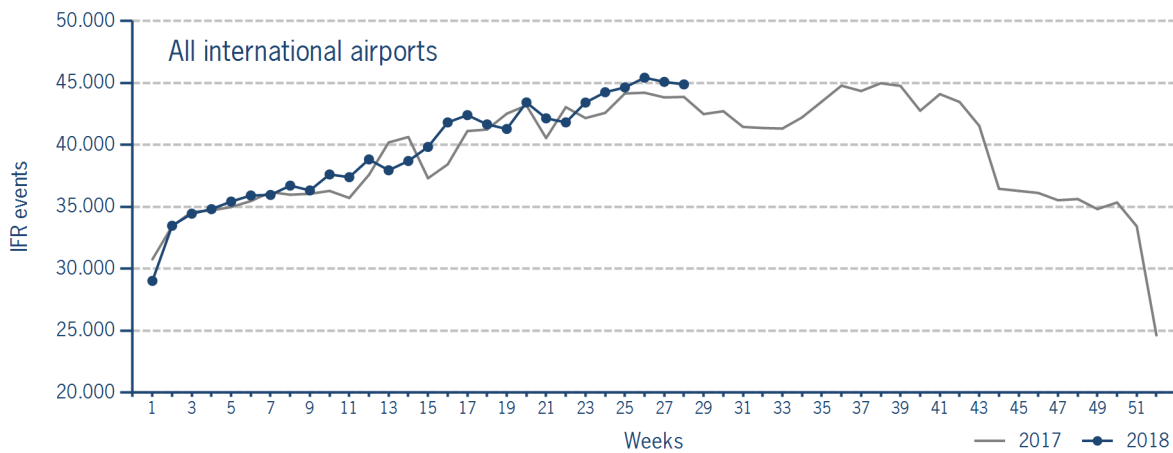
Please note: The trend numbers compare counts of the airspaces in their current configuration to the count of the same airspace in 2017.



### IFR flights at international German airports

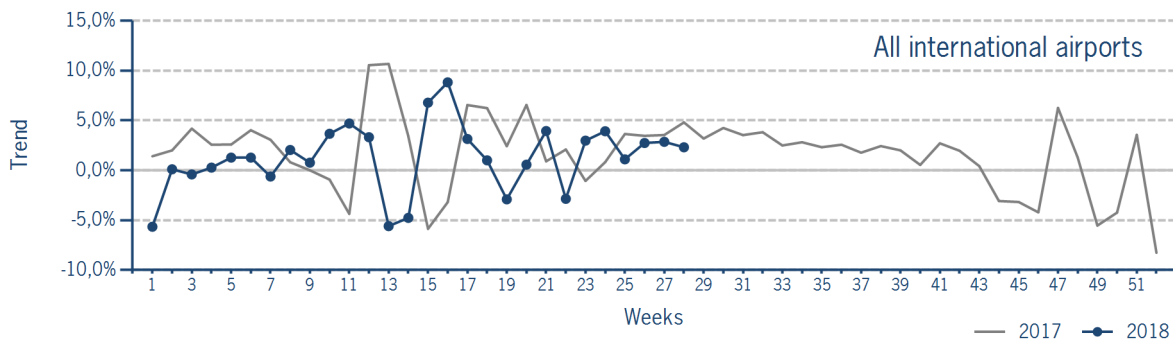
IFR events (take-offs and landings) at the international DFS towers in the Federal Republic of Germany.

	2018	2017	Trend
<b>Week 28</b>	44.884	43.870	2,3%
<b>Cumulated Weeks</b>	1.104.677	1.090.779	1,3%



### 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 28</b>	23.788	19.113	1.983
<b>Trend</b>	2,9%	1,2%	6,3%
<b>Cumulated Weeks</b>	596.524	463.320	44.833
<b>Trend</b>	1,8%	0,7%	-0,4%

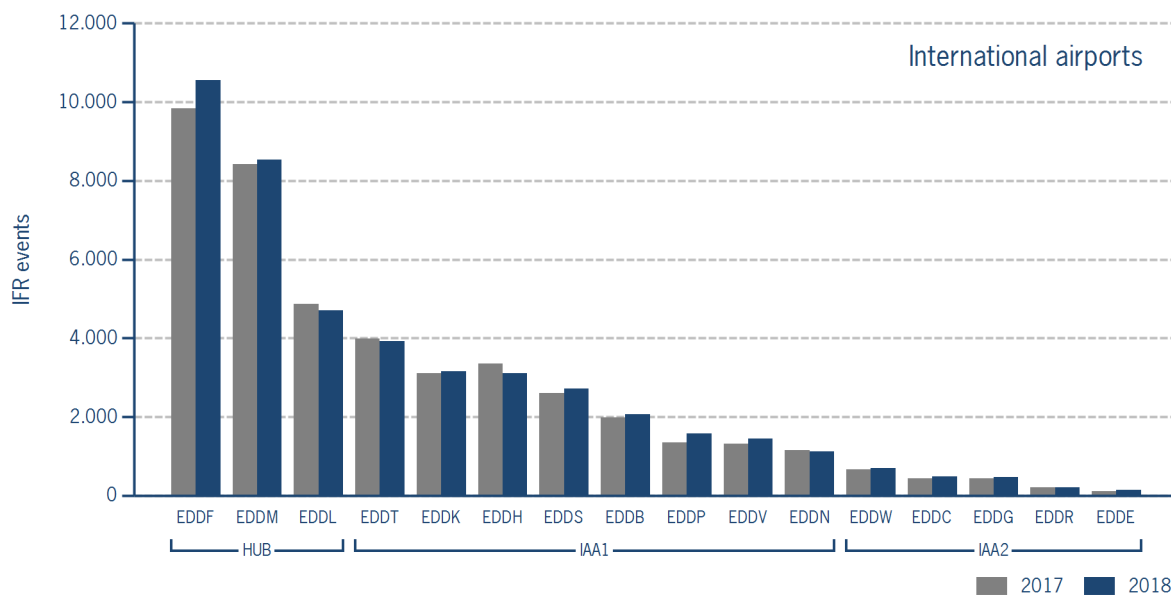
**IFR flights at international German airports - in detail**

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

		Week 28	Trend	Week 1 - 28	Trend
<b>HUB</b>					
EDDF	Frankfurt/Main	10.549	7,2%	269.549	8,2%
EDDL	Düsseldorf	4.712	-3,2%	111.130	-7,9%
EDDM	München	8.527	1,2%	215.845	0,0%

		Week 28	Trend	Week 1 - 28	Trend
<b>IAA1</b>					
EDDB	Berlin-Schönefeld	2.065	4,2%	53.792	0,0%
EDDH	Hamburg	3.110	-7,4%	77.641	-5,4%
EDDK	Köln/Bonn	3.154	1,3%	73.257	1,3%
EDDN	Nürnberg	1.115	-4,0%	27.989	1,9%
EDDP	Leipzig/Halle	1.582	17,5%	38.818	15,6%
EDDS	Stuttgart	2.715	4,1%	66.187	7,4%
EDDT	Berlin-Tegel	3.927	-1,4%	92.061	-5,0%
EDDV	Hannover	1.445	9,1%	33.575	4,0%

		Week 28	Trend	Week 1 - 28	Trend
<b>IAA2</b>					
EDDC	Dresden	481	9,3%	11.322	-4,5%
EDDE	Erfurt/Weimar	138	27,8%	2.711	-6,3%
EDDG	Münster/Osnabrück	462	4,8%	9.654	2,3%
EDDR	Saarbrücken	210	1,0%	4.821	1,5%
EDDW	Bremen	692	3,4%	16.325	1,6%



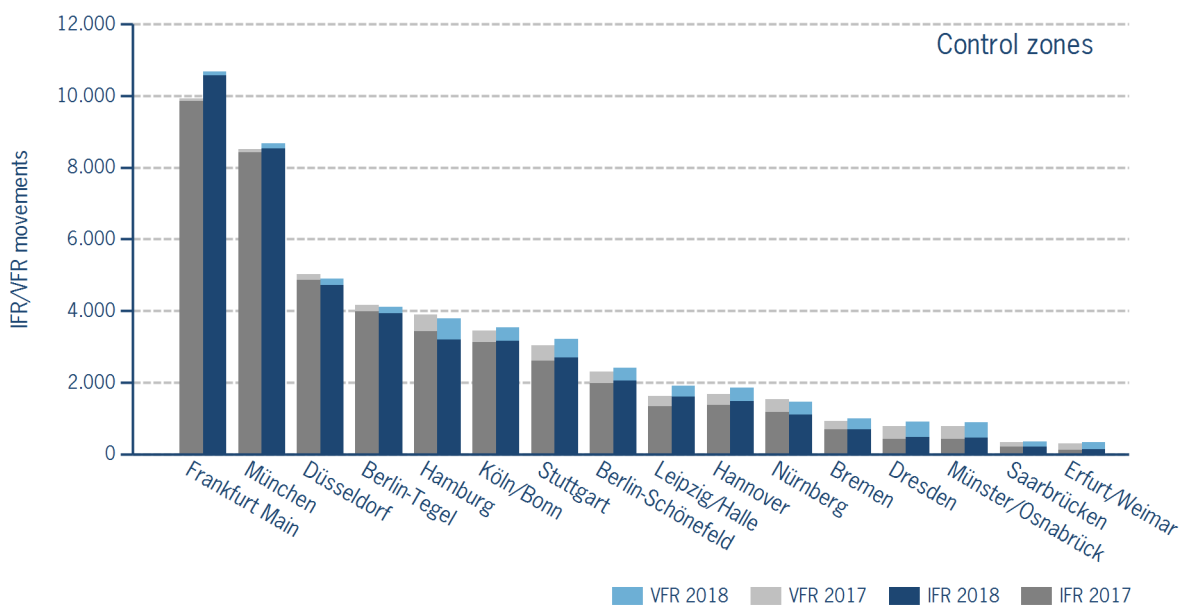
IFR/VFR flights in control zones of DFS towers

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

	Week 28	Trend	Week 1 - 28	Trend
Berlin-Schönefeld	2.417	5,2%	62.657	3,8%
Berlin-Tegel	4.106	-1,6%	97.304	-4,4%
Bremen	989	6,7%	23.882	1,7%
Dresden	905	15,0%	19.449	1,0%
Düsseldorf	4.896	-2,4%	115.212	-7,9%
Erfurt/Weimar	334	9,5%	6.776	-7,0%
Frankfurt Main	10.678	7,5%	272.277	8,1%
Hamburg	3.788	-2,7%	93.353	-3,5%
Hannover	1.859	10,5%	45.644	5,6%
Köln/Bonn	3.539	2,9%	82.410	1,0%
Leipzig/Halle	1.899	17,3%	46.856	11,9%
München	8.671	1,8%	219.093	0,1%
Münster/Osnabrück	890	13,7%	20.370	5,7%
Nürnberg	1.452	-5,3%	35.798	2,2%
Saarbrücken	358	5,6%	7.860	-0,1%
Stuttgart	3.220	6,2%	75.534	5,8%

Additional information:

Münster reported 96 glider movements for the current week, i.e. 1.300 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 28</b>	3.611	3.573	1,1%
<b>Cumulated Weeks</b>	89.034	85.187	4,5%

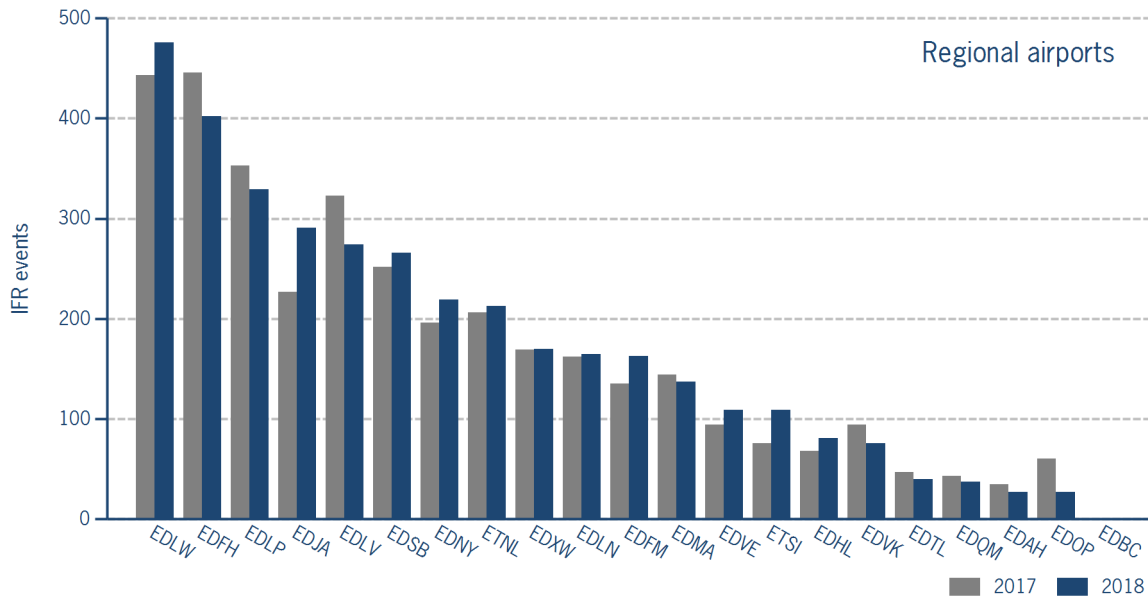
	Week 28	Trend	Week 1 - 28	Trend
EDAH Heringsdorf	27	-22,9%	443	-4,3%
EDBC Magdeburg/Cochstedt	0	N/A	1	-50,0%
EDFH Frankfurt-Hahn	402	-9,9%	10.889	0,5%
EDFM Mannheim City	163	20,7%	3.530	-0,5%
EDHL Lübeck-Blankensee	81	19,1%	1.379	30,0%
EDJA Memmingen	291	28,2%	7.055	17,4%
EDLN Mönchengladbach	165	1,9%	3.592	10,7%
EDLP Paderborn/Lippstadt	329	-6,8%	7.056	5,6%
EDLV Niederrhein	274	-15,2%	6.695	2,0%
EDLW Dortmund	476	7,4%	11.635	9,4%
EDMA Augsburg	137	-4,9%	3.823	1,2%
EDNY Friedrichshafen	219	11,7%	5.588	-1,9%
EDOP Schwerin-Parchim	27	-55,0%	341	-39,2%
EDQM Hof-Plauen	37	-14,0%	705	-17,6%
EDSB Karlsruhe/Baden-Baden	266	5,6%	6.413	-8,2%
EDTL Lahr	40	-14,9%	816	0,6%
EDVE Braunschweig-Wolfsburg	109	16,0%	5.312	-0,3%
EDVK Kassel-Calden	76	-19,1%	2.483	9,4%
EDXW Sylt	170	0,6%	3.135	5,8%
ETNL Laage	213	3,4%	5.134	32,4%
ETSI Ingolstadt/Manching	109	43,4%	3.009	-0,4%

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

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

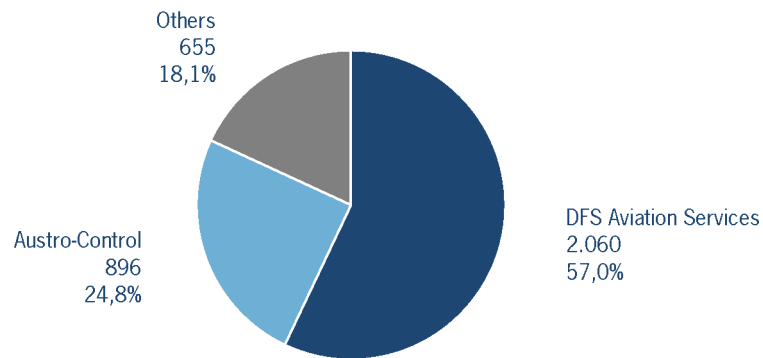
### IFR flights at regional German airports - in detail

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	0,0206	0,5974	
EDDK	Köln/Bonn	0,1474	1,2119	
EDDH	Hamburg	0	0,7882	
EDDF	Frankfurt/Main	0,0436	0,7357	
EDDM	München	0	0,7702	
EDDL	Düsseldorf	0	0,6978	
EDDT	Berlin-Tegel	0	0,6390	
EDDP	Leipzig/Halle	0	0,2658	

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)