



# LIZ Bulletin

Week 42

DFS Situation and Information Centre

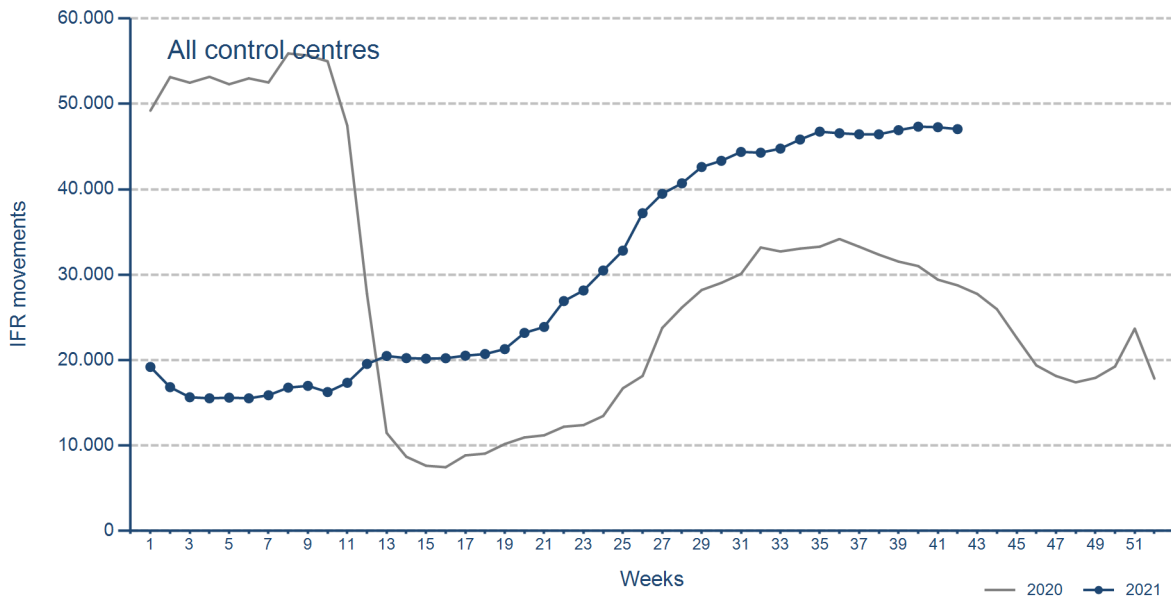
18 OCT 2021 - 24 OCT 2021

Version 26.10.2021

## IFR flights in the Federal Republic of Germany

IFR movements (entries, exits, overflights and domestics) in all control sectors with a German designator.

	2021	2020	Trend
<b>Week 42</b>	47.049	28.745	63,7%
<b>Cumulated Weeks</b>	1.267.214	1.255.614	0,9%

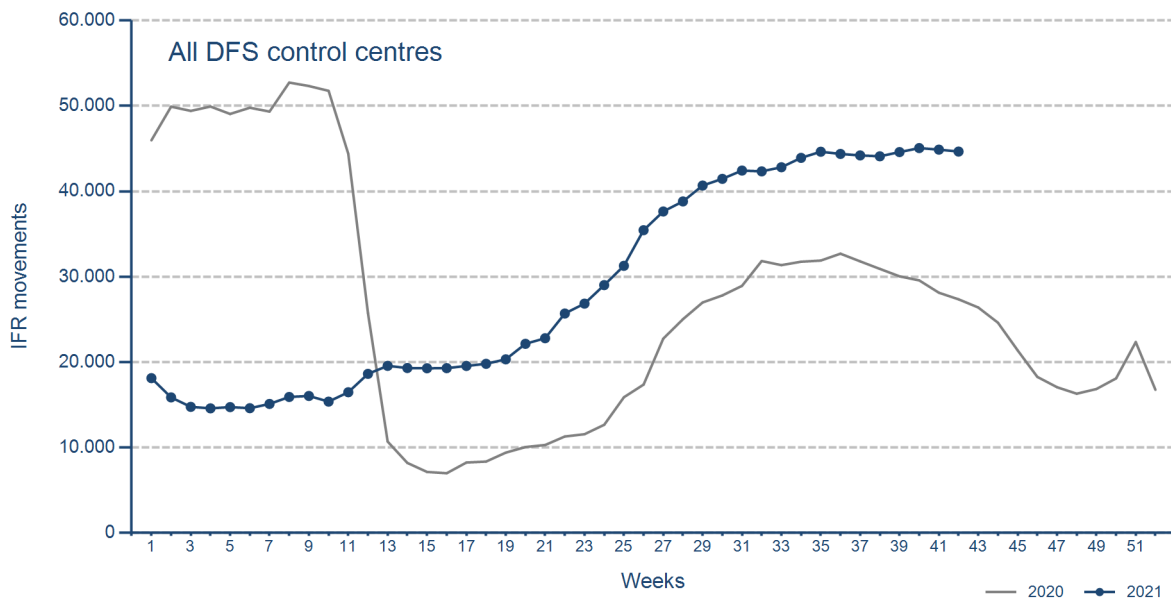


Please note: This count covers the traffic in the area build by all control sectors with a German designator („ED“), regardless of the service provider, including civil and military traffic in sectors controlled by DFS and Maastricht UAC (Maastricht-Hannover sectors). The area counted is composed of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

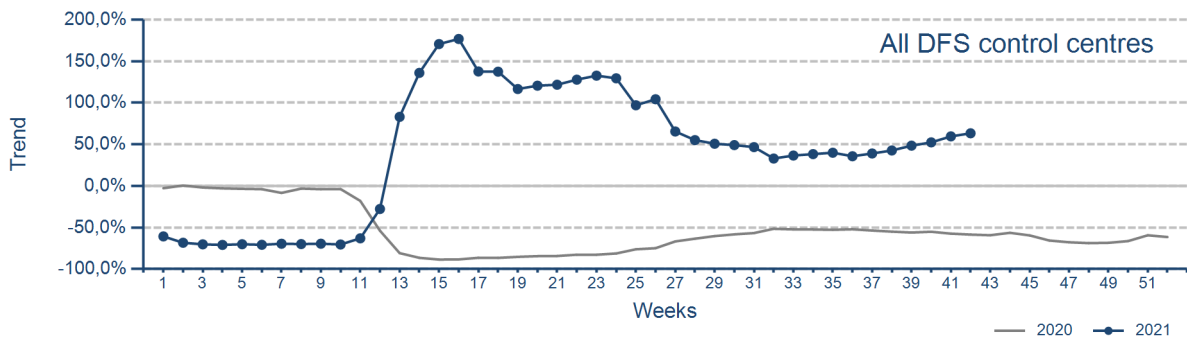
	2021	2020	Trend
<b>Week 42</b>	44.655	27.341	63,3%
<b>Cumulated Weeks</b>	1.206.743	1.186.873	1,7%



Please note: This count covers the traffic in the area built 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.

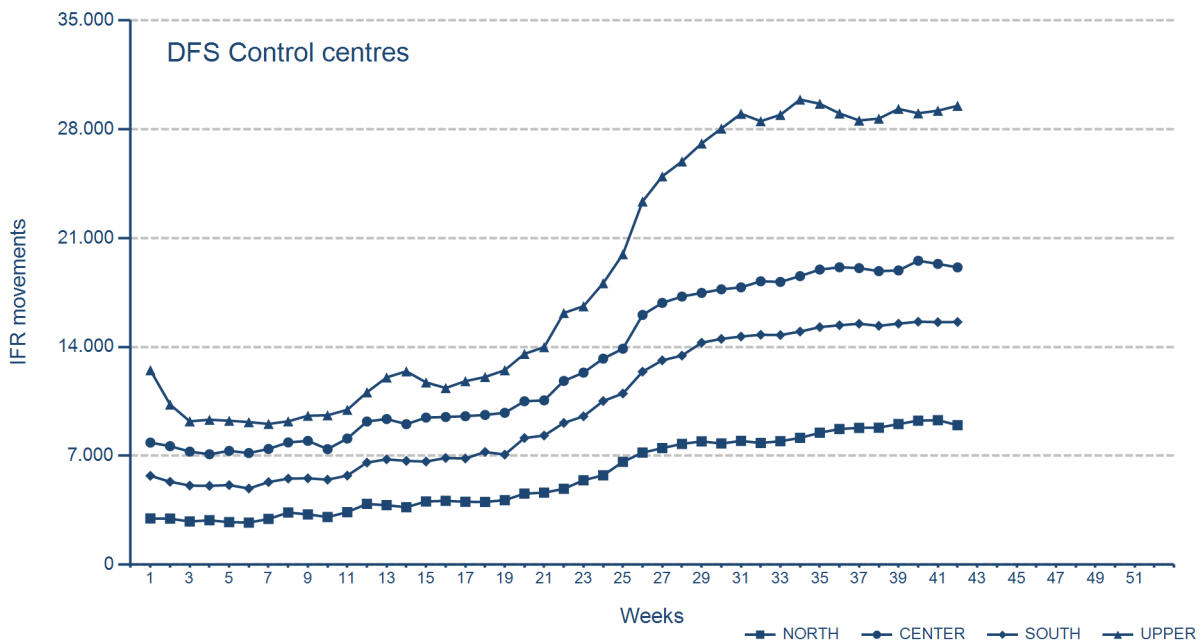


### IFR flights controlled by DFS - in detail

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

	NORTH	CENTER	SOUTH	UPPER
<b>Week 42</b>	8.971	19.110	15.601	29.495
<b>Trend</b>	53,0%	61,3%	67,8%	65,9%
<b>Cumulated Weeks</b>	238.150	542.004	420.909	779.057
<b>Trend</b>	-5,3%	4,6%	-1,6%	5,5%

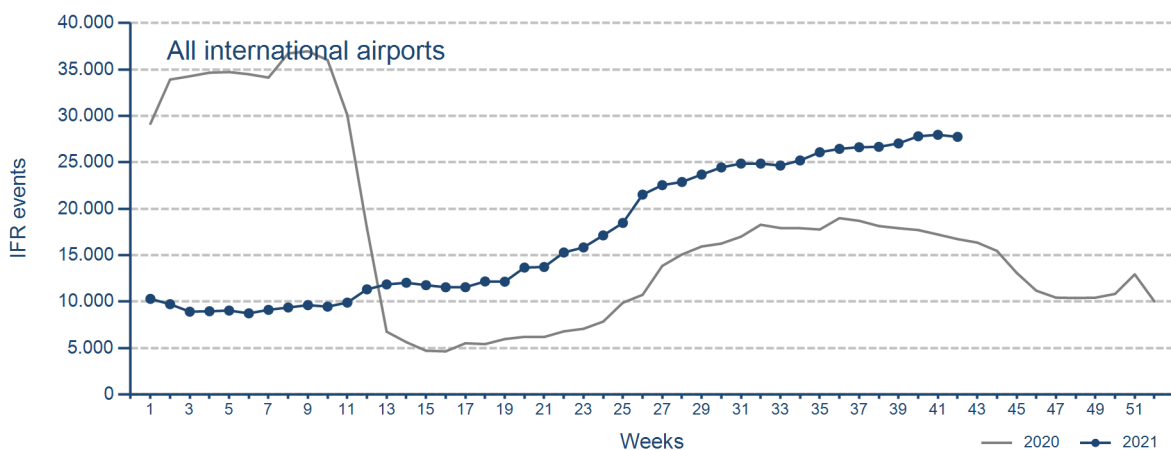
Please note: The trend numbers compare counts of the airspaces in their current configuration to the count of the same airspace in 2020.



### IFR flights at international German airports

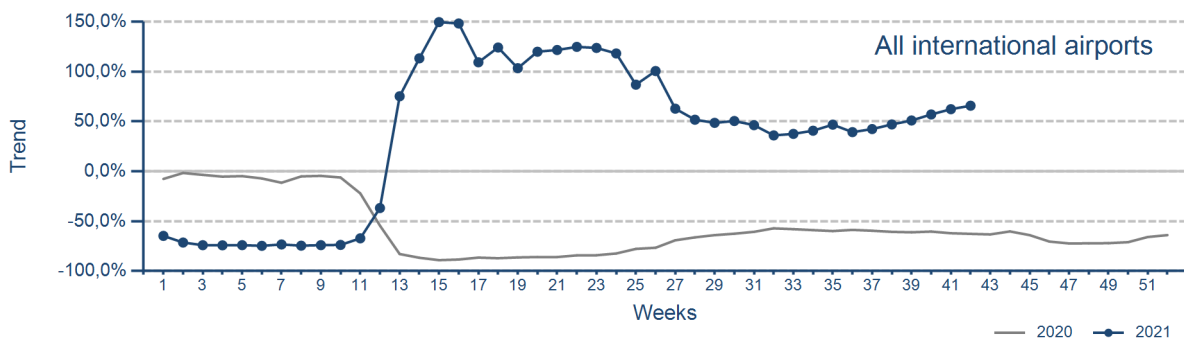
IFR events (take-offs and landings) at the international DFS towers in the Federal Republic of Germany.

	2021	2020	Trend
<b>Week 42</b>	27.747	16.741	65,7%
<b>Cumulated Weeks</b>	723.026	762.097	-5,1%



### 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).

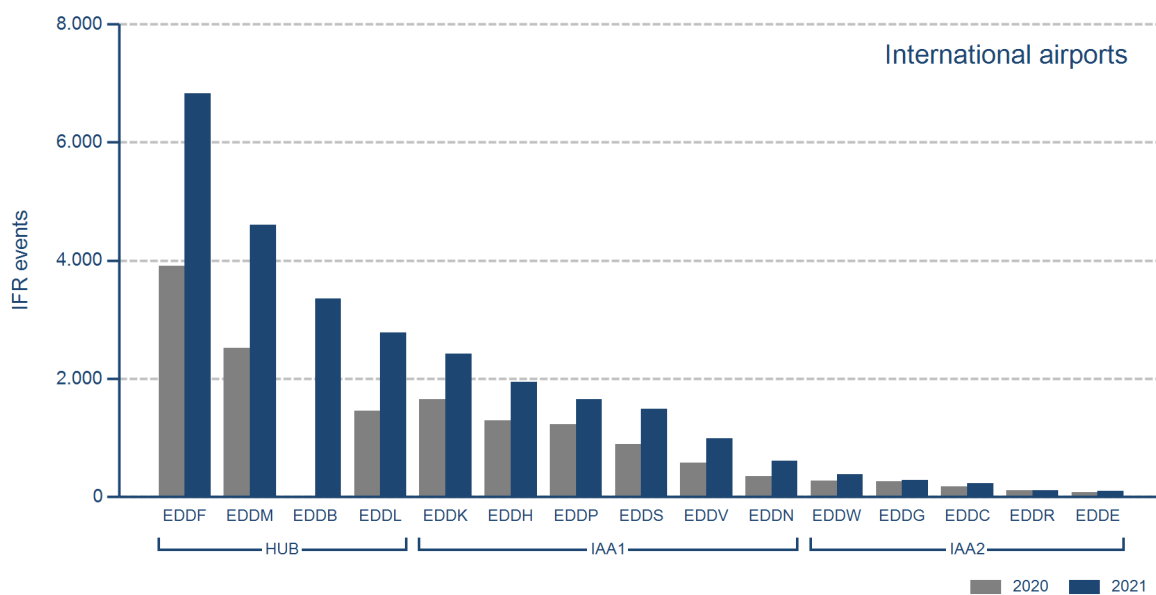
	HUB	IAA1	IAA2
<b>Week 42</b>	17.558	9.100	1.089
<b>Trend*</b>	122,8%	14,1%	22,8%
<b>Cumulated Weeks</b>	441.916	252.963	28.147
<b>Trend*</b>	16,2%	-26,9%	-21,1%

\*Please note: Berlin-Schönefeld used to be listed as IAA1. Berlin-Brandenburg is listed as a HUB.

### 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 42	Trend	Week 1 - 42	Trend
<b>HUB</b>				
EDDB Berlin-Brandenburg	3.353	N/A	76.273	N/A
EDDF Frankfurt/Main	6.828	74,9%	197.244	9,2%
EDDL Düsseldorf	2.774	90,3%	61.357	-13,4%
EDDM München	4.603	82,9%	107.042	-17,0%
<b>IAA1</b>				
EDDH Hamburg	1.946	51,1%	46.219	-12,5%
EDDK Köln/Bonn	2.420	47,1%	69.722	5,2%
EDDN Nürnberg	609	76,5%	15.349	-14,1%
EDDP Leipzig/Halle	1.651	34,4%	58.425	18,9%
EDDS Stuttgart	1.482	66,0%	39.515	-10,1%
EDDV Hannover	992	74,3%	23.733	0,1%
<b>IAA2</b>				
EDDC Dresden	222	29,8%	5.336	-30,2%
EDDE Erfurt/Weimar	99	28,6%	2.627	-11,9%
EDDG Münster/Osnabrück	278	7,3%	7.278	-18,0%
EDDR Saarbrücken	111	0,9%	2.950	-12,8%
EDDW Bremen	379	40,4%	9.956	-22,2%



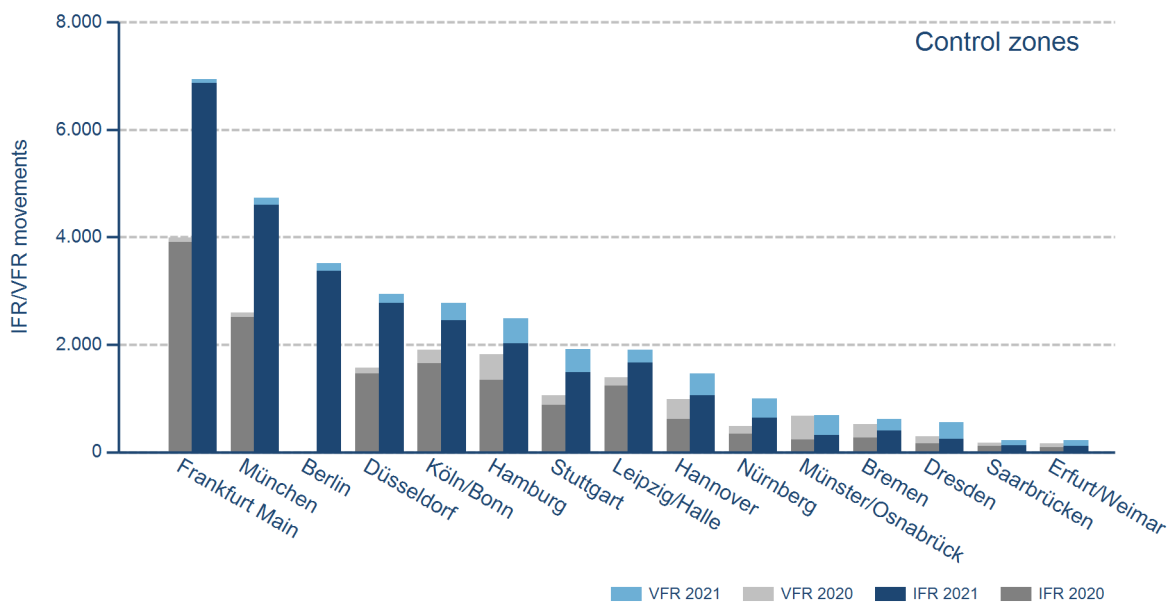
### IFR/VFR flights in control zones of DFS towers

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

	Week 42	Trend	Week 1 - 42	Trend
Berlin	3.512	N/A	83.802	N/A
Bremen	617	18,4%	20.899	-6,7%
Dresden	560	94,4%	17.784	-4,6%
Düsseldorf	2.947	88,1%	68.170	-11,8%
Erfurt/Weimar	223	37,7%	8.248	1,7%
Frankfurt Main	6.938	73,9%	202.525	9,2%
Hamburg	2.485	36,7%	70.257	-5,5%
Hannover	1.461	49,1%	44.486	5,4%
Köln/Bonn	2.781	45,9%	84.492	8,4%
Leipzig/Halle	1.900	36,8%	69.560	17,0%
München	4.729	81,9%	112.057	-16,3%
Münster/Osnabrück	690	2,8%	26.893	11,5%
Nürnberg	992	103,3%	28.329	-0,3%
Saarbrücken	226	26,3%	7.586	11,2%
Stuttgart	1.912	80,4%	55.366	-1,9%

Additional information:

Münster reported 94 glider movements for the current week, i.e. 7.826 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.

	2021	2020	Trend
<b>Week 42</b>	2.845	2.462	15,6%
<b>Cumulated Weeks</b>	93.301	87.620	6,5%

	Week 42	Trend	Week 1 - 42	Trend
EDAH Heringsdorf	10	-9,1%	525	0,6%
EDFH Frankfurt-Hahn	283	25,8%	9.826	6,9%
EDFM Mannheim City	100	1,0%	3.949	3,2%
EDHL Lübeck-Blankensee	65	-9,7%	2.604	37,6%
EDJA Memmingen	300	29,9%	8.508	4,3%
EDLN Mönchengladbach	146	-25,5%	6.789	22,7%
EDLP Paderborn/Lippstadt	162	4,5%	5.056	7,9%
EDLV Niederrhein	188	100,0%	4.292	36,0%
EDLW Dortmund	496	14,8%	14.295	4,8%
EDMA Augsburg	198	35,6%	6.442	16,3%
EDNY Friedrichshafen	119	85,9%	3.138	-19,1%
EDOP Schwerin-Parchim	0	N/A	0	N/A
EDQM Hof-Plauen	25	19,0%	1.215	7,9%
EDSB Karlsruhe/Baden-Baden	236	26,2%	7.319	4,1%
EDTL Lahr	25	-51,0%	1.129	16,3%
EDVE Braunschweig-Wolfsburg	100	-19,4%	4.184	-2,7%
EDVK Kassel-Calden	88	-7,4%	2.903	-8,9%
EDXW Sylt	118	0,0%	4.983	9,7%
ETNL Laage	86	0,0%	4.072	-0,7%
ETSI Ingolstadt/Manching	100	81,8%	2.072	-11,6%

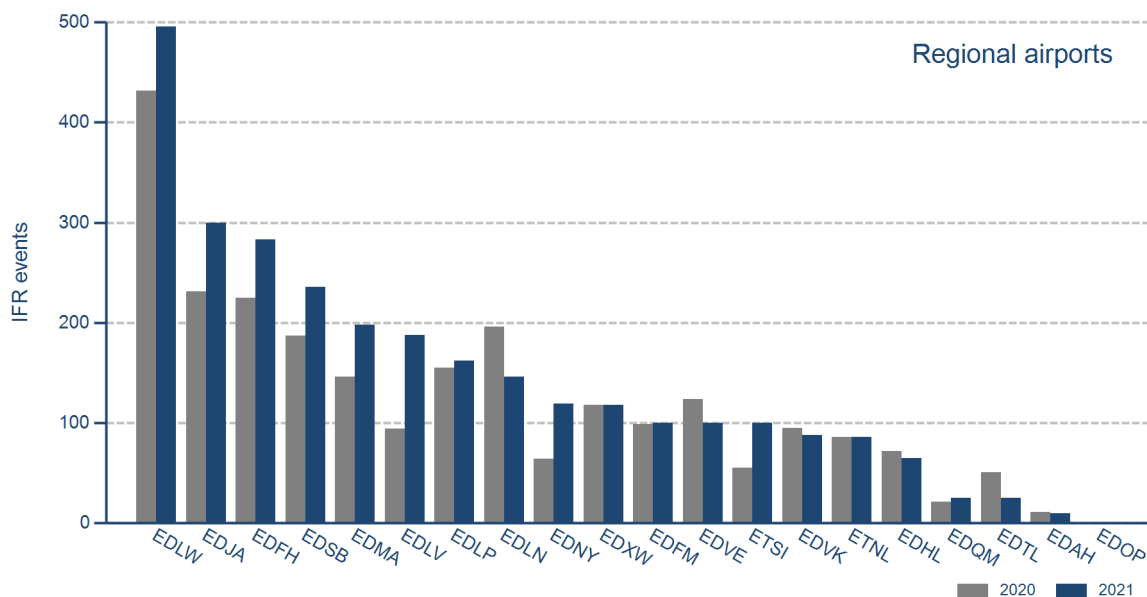
\*The value is of limited conclusiveness (OLC).

OLC: Trend > 200%

Please note: the airport Schwerin-Parchim (EDOP) is currently closed.

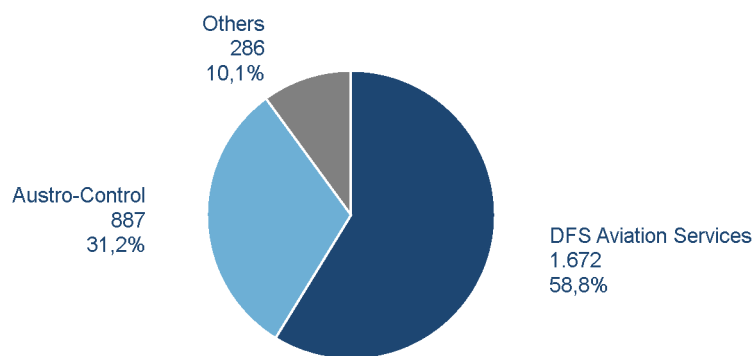
### IFR flights at regional German airports - in detail

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), Sylt (EDXW)
- Others: Ingolstadt/Manching (ETSI), Laage (ETNL), Mannheim City (EDFM)



## 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	0,0090	0,6307	
EDDB	Berlin-Brandenburg	0,0746	2,6856	
EDDK	Köln/Bonn	0	1,5795	
EDDF	Frankfurt/Main	0	0,4886	
EDDV	Hannover	0	0,4269	
EDDP	Leipzig/Halle	0	0,2774	
EDDM	München	0	0,1035	

Please note: The ATFM delay data are provided by NM statistics. Due to internal distribution of the ATFM delay, data are modified by OX/OP. The inbound flight information is based on LIZ statistics.

All Airports means all international German airports: Berlin-Brandenburg (EDDB), 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)