



# LIZ Bulletin

Week 21

DFS Situation and Information Centre

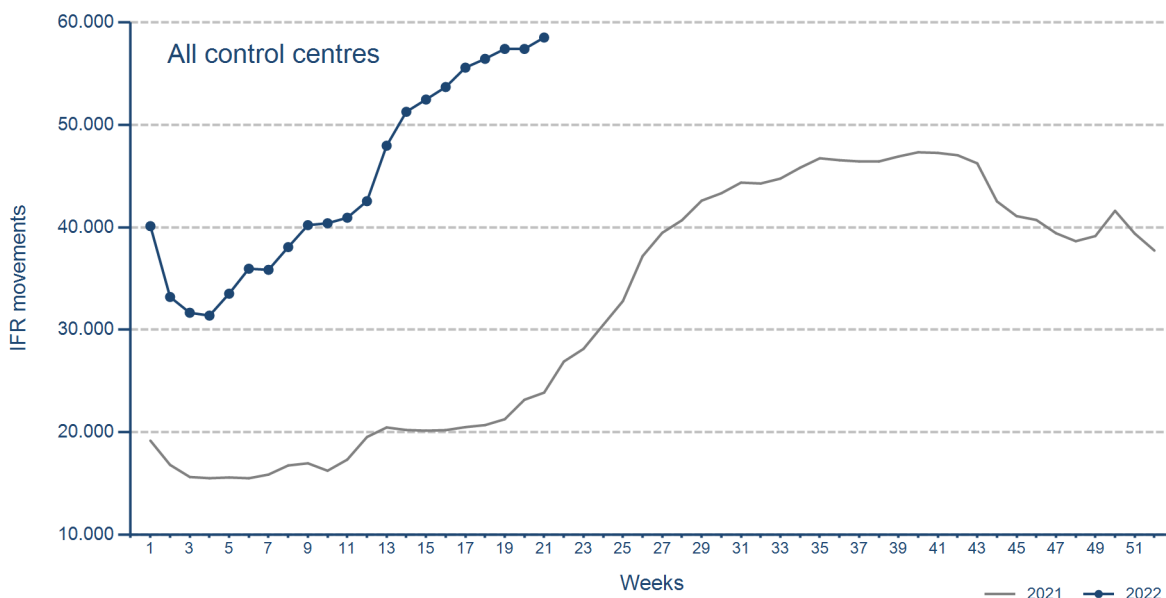
23 MAY 2022 - 29 MAY 2022

Version 02.06.2022

## IFR flights in the Federal Republic of Germany

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

	2022	2021	Trend
<b>Week 21</b>	58.539	23.869	145,3%
<b>Cumulated Weeks</b>	934.873	391.528	138,8%

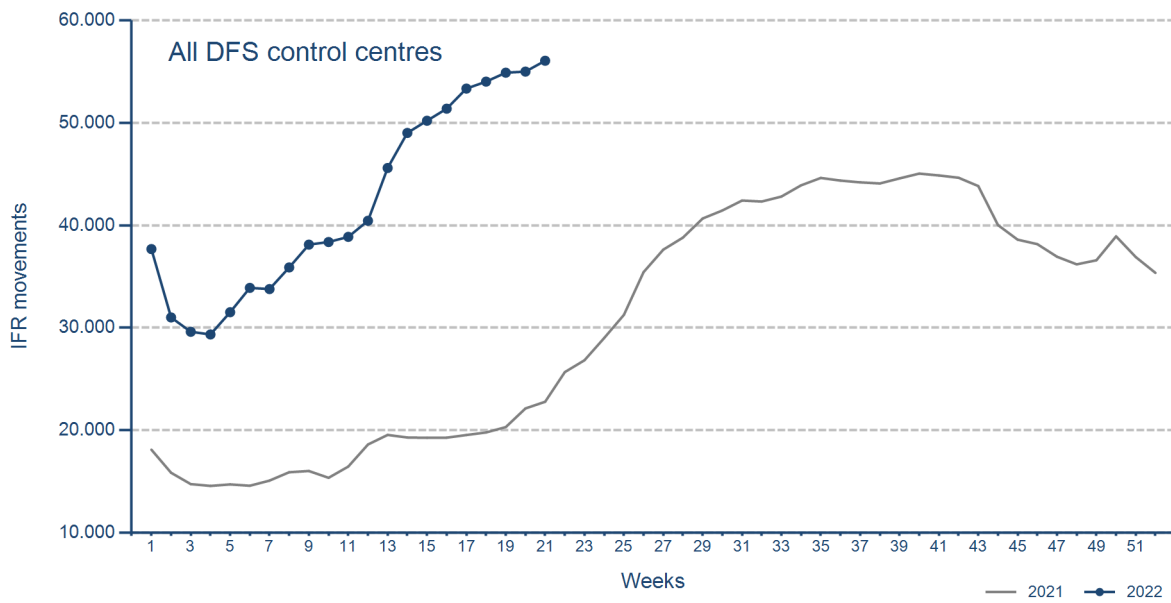


Please note: This count covers the traffic in the area built by all control sectors with a German designator („ED“), regardless of the service provider, including civil and military traffic in sectors controlled by DFS and Maastricht UAC (Maastricht-Hannover sectors). The area counted is composed of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

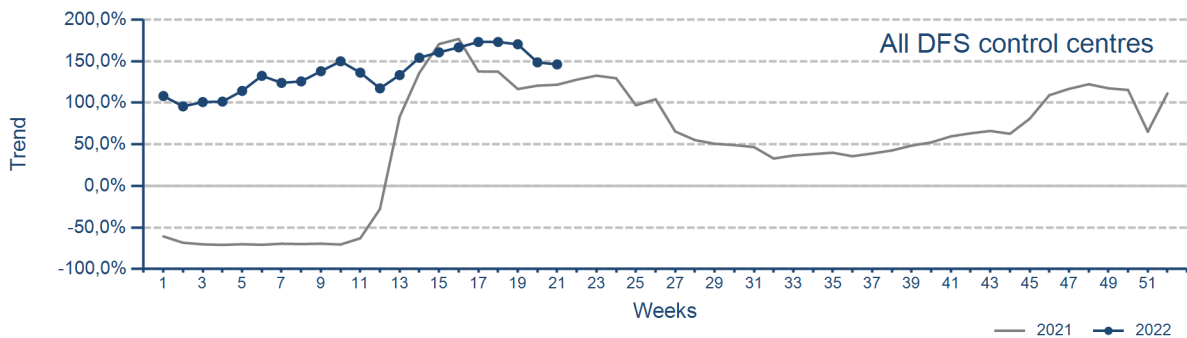
	2022	2021	Trend
<b>Week 21</b>	56.077	22.784	146,1%
<b>Cumulated Weeks</b>	888.298	371.943	138,8%



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.

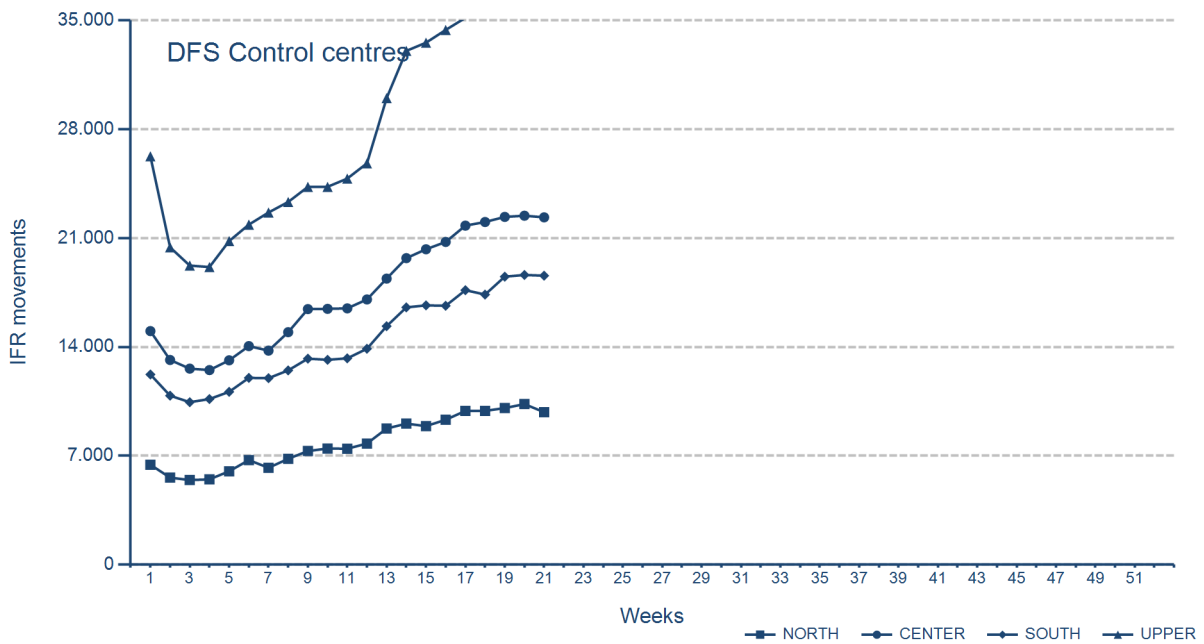


### IFR flights controlled by DFS - in detail

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

	NORTH	CENTER	SOUTH	UPPER
<b>Week 21</b>	9.807	22.327	18.578	37.496
<b>Trend</b>	111,6%	111,3%	123,7%	168,2%
<b>Cumulated Weeks</b>	164.785	365.653	301.278	583.407
<b>Trend</b>	122,5%	103,4%	131,8%	154,0%

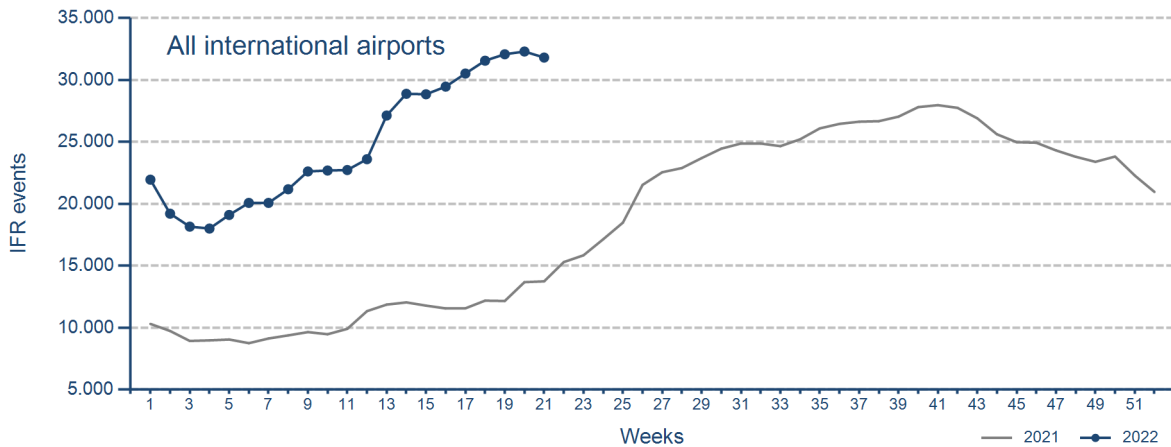
Please note: The trend numbers compare counts of the airspaces in their current configuration to the count of the same airspace in 2021.



### IFR flights at international German airports

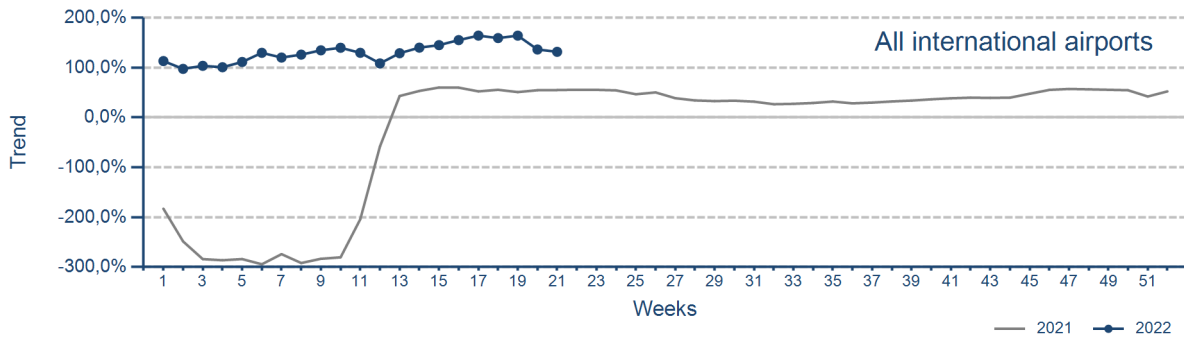
IFR events (take-offs and landings) at the international DFS towers in the Federal Republic of Germany.

	2022	2021	Trend
<b>Week 21</b>	31.809	13.741	131,5%
<b>Cumulated Weeks</b>	521.955	225.152	131,8%



### 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

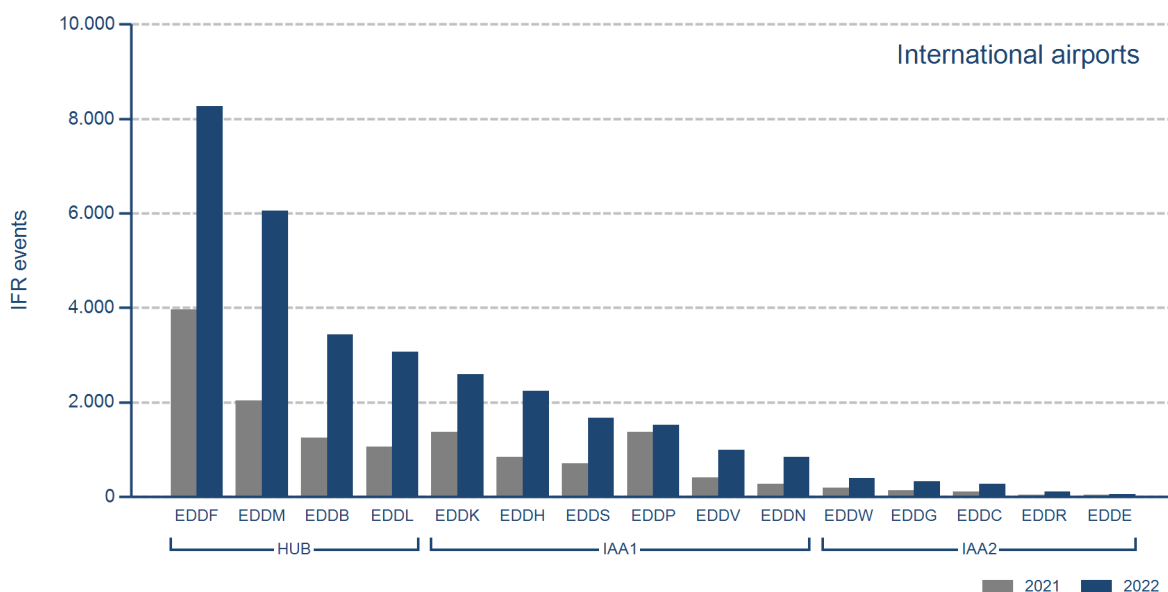
IFR events (take-offs and landings) at the international DFS towers in the Federal Republic of Germany differentiated by Hub Gateways (HUB), International Access Airports 1 (IAA1) and International Access Airports 2 (IAA2).

	HUB	IAA1	IAA2
<b>Week 21</b>	20.835	9.833	1.141
<b>Trend*</b>	151,1%	98,9%	128,2%
<b>Cumulated Weeks</b>	343.160	160.696	18.099
<b>Trend*</b>	162,4%	87,6%	107,4%

**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 21	Trend	Week 1 - 21	Trend
<b>HUB</b>				
EDDB Berlin-Brandenburg	3.431	174,3%	59.700	195,9%
EDDF Frankfurt/Main	8.272	108,9%	138.638	102,2%
EDDL Düsseldorf	3.072	192,3%	47.371	OLC*
EDDM München	6.060	197,6%	97.451	OLC*
<b>IAA1</b>				
EDDH Hamburg	2.242	165,6%	36.127	185,8%
EDDK Köln/Bonn	2.588	89,3%	43.289	75,4%
EDDN Nürnberg	837	OLC*	10.870	161,0%
EDDP Leipzig/Halle	1.515	11,2%	30.142	12,7%
EDDS Stuttgart	1.662	137,8%	25.461	131,1%
EDDV Hannover	989	143,6%	14.807	131,6%
<b>IAA2</b>				
EDDC Dresden	265	162,4%	4.086	OLC*
EDDE Erfurt/Weimar	56	40,0%	1.089	4,8%
EDDG Münster/Osnabrück	318	135,6%	4.691	101,6%
EDDR Saarbrücken	104	160,0%	1.473	80,1%
EDDW Bremen	398	116,3%	6.760	109,9%



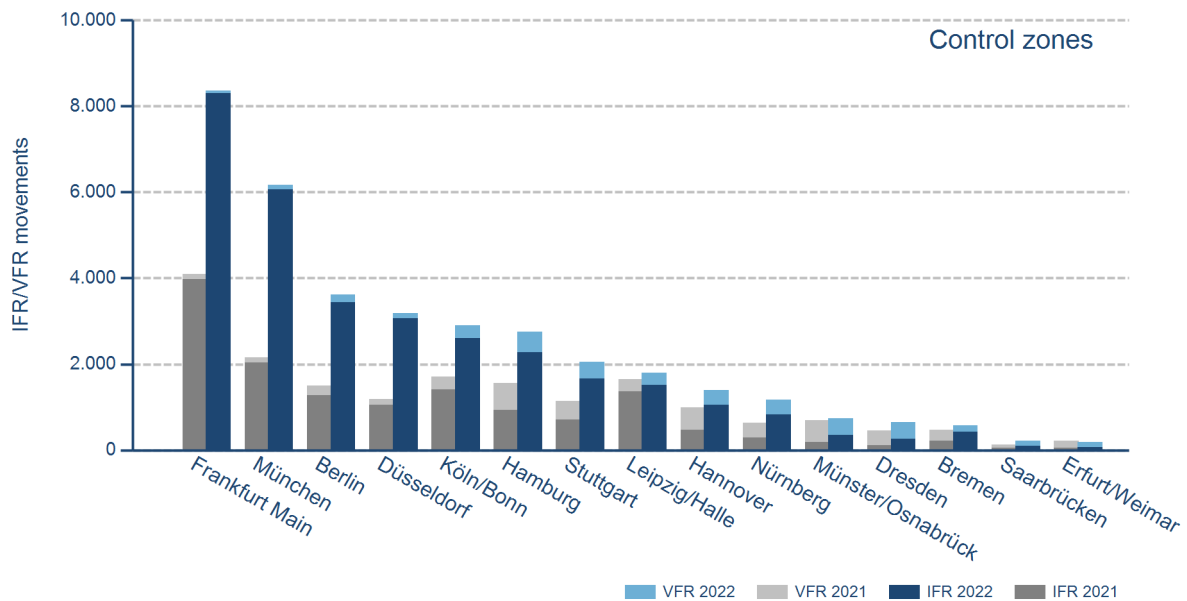
**IFR/VFR flights in control zones of DFS towers**

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	3.621	140,4%	62.875	166,5%
Bremen	582	24,4%	11.121	48,2%
Dresden	644	41,2%	9.524	69,5%
Düsseldorf	3.193	168,8%	50.348	183,3%
Erfurt/Weimar	191	-14,7%	3.334	8,2%
Frankfurt Main	8.366	104,6%	140.591	97,4%
Hamburg	2.750	76,4%	46.875	113,3%
Hannover	1.398	40,5%	24.656	61,5%
Köln/Bonn	2.901	69,4%	49.923	61,8%
Leipzig/Halle	1.803	9,1%	35.072	11,5%
München	6.172	186,0%	99.814	OLC*
Münster/Osnabrück	737	6,0%	15.032	43,1%
Nürnberg	1.168	84,8%	17.124	88,3%
Saarbrücken	220	64,2%	3.335	29,8%
Stuttgart	2.059	80,6%	32.231	82,1%

Additional information:

Münster reported 84 glider movements for the current week, i.e. 2.926 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.

	2022	2021	Trend
<b>Week 21</b>	3.246	2.046	58,7%
<b>Cumulated Weeks</b>	53.715	33.563	60,0%

	Week 21	Trend	Week 1 - 21	Trend
EDAH Heringsdorf	28	154,5%	132	-17,0%
EDFH Frankfurt-Hahn	326	72,5%	5.186	39,3%
EDFM Mannheim City	125	23,8%	2.268	34,8%
EDHL Lübeck-Blankensee	115	25,0%	1.426	28,8%
EDJA Memmingen	358	128,0%	5.946	141,7%
EDLN Mönchengladbach	176	14,3%	3.800	20,5%
EDLP Paderborn/Lippstadt	213	102,9%	3.301	86,9%
EDLV Niederrhein	189	OLC*	2.860	OLC*
EDLW Dortmund	450	71,1%	7.595	83,6%
EDMA Augsburg	150	3,4%	3.153	12,0%
EDNY Friedrichshafen	164	127,8%	2.918	169,2%
EDOP Schwerin-Parchim	0	N/A	1	N/A
EDQM Hof-Plauen	42	-2,3%	663	51,4%
EDSB Karlsruhe/Baden-Baden	273	110,0%	4.134	63,2%
EDTL Lahr	32	45,5%	590	19,4%
EDVE Braunschweig-Wolfsburg	118	53,2%	2.150	19,6%
EDVK Kassel-Calden	111	82,0%	1.615	42,8%
EDXW Sylt	171	-27,8%	1.887	26,0%
ETNL Laage	157	51,0%	2.870	31,4%
ETSI Ingolstadt/Manching	48	50,0%	1.220	39,0%

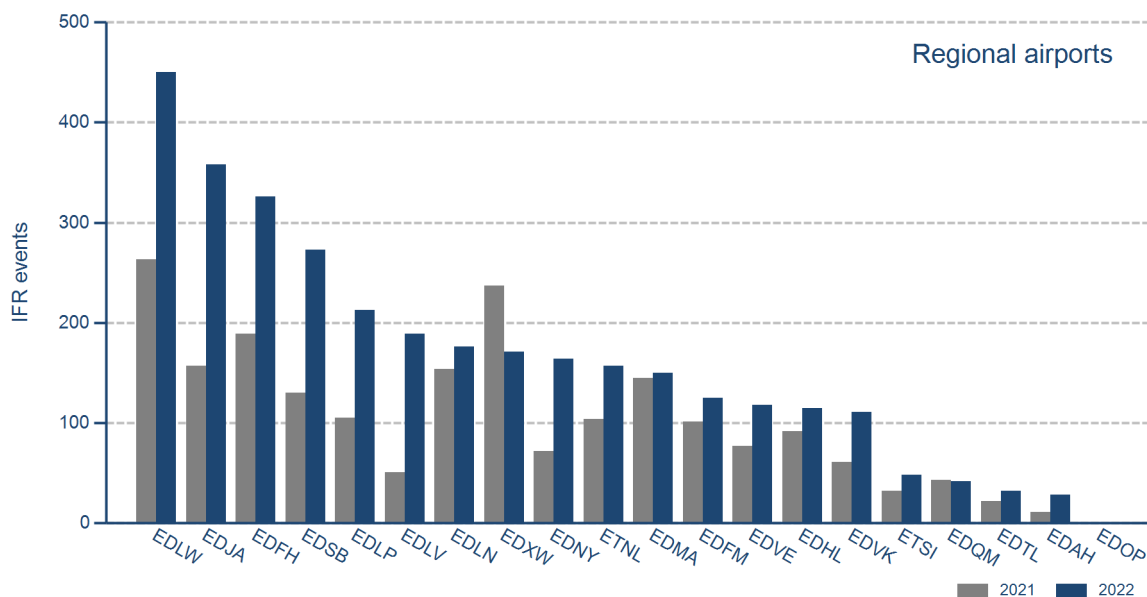
\*The value is of limited conclusiveness (OLC).

OLC: Trend > 200%

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

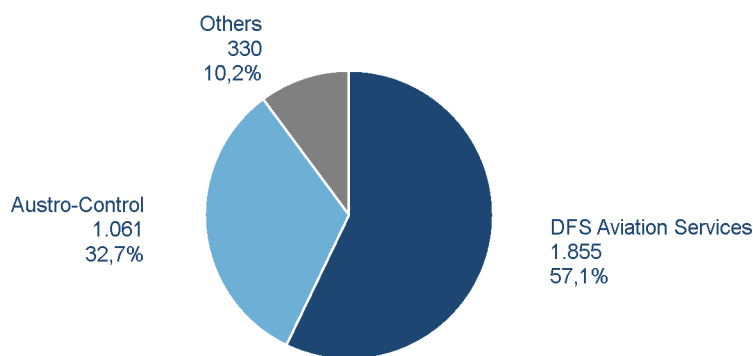
### IFR flights at regional German airports - in detail

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), 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	0,0404	0,5756	
EDDK	Köln/Bonn	0	1,5447	
EDDM	München	0,0787	0,9656	
EDDF	Frankfurt/Main	0	0,8218	
EDDV	Hannover	0,8068	0	
EDDP	Leipzig/Halle	0	0,7104	
EDDL	Düsseldorf	0	0,1916	

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)