



# LIZ Air traffic statistics

APR 2022

DFS Situation and Information Centre

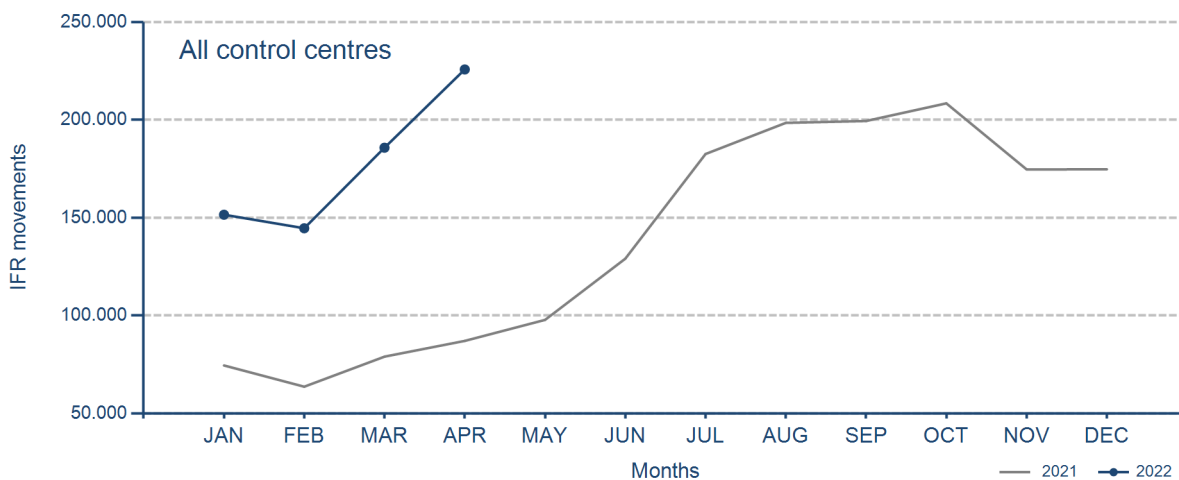
Version 09.05.2022

## IFR flights in the Federal Republic of Germany

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

	APR 2022	APR 2021	Trend
Civil flights	220.987	83.603	164,3%
Military flights	4.739	3.472	36,5%
Total	225.726	87.075	159,2%

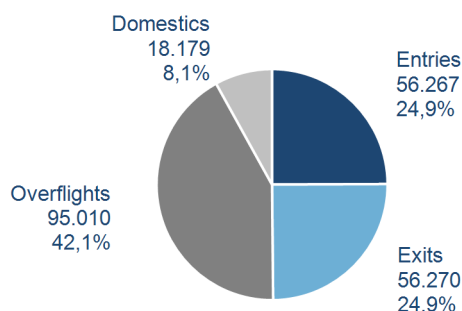
	JAN - APR 2022	JAN - APR 2021	Trend
Civil flights	689.643	290.932	137,0%
Military flights	17.982	13.406	34,1%
Total	707.625	304.338	132,5%



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 in the Federal Republic of Germany - percentage

IFR movements (entries, exits, overflights and domestics) in all control centres.

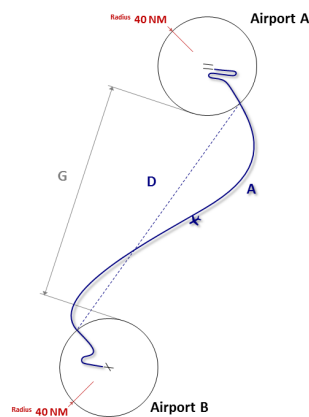


Please note: This count covers the traffic in the area build by all control sectors with a German designator („ED“), regardless of the service provider, including civil and military traffic in sectors controlled by DFS and Maastricht UAC (Maastricht-Hannover sectors). The area counted is composed of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

## Flight efficiency in the Federal Republic of Germany

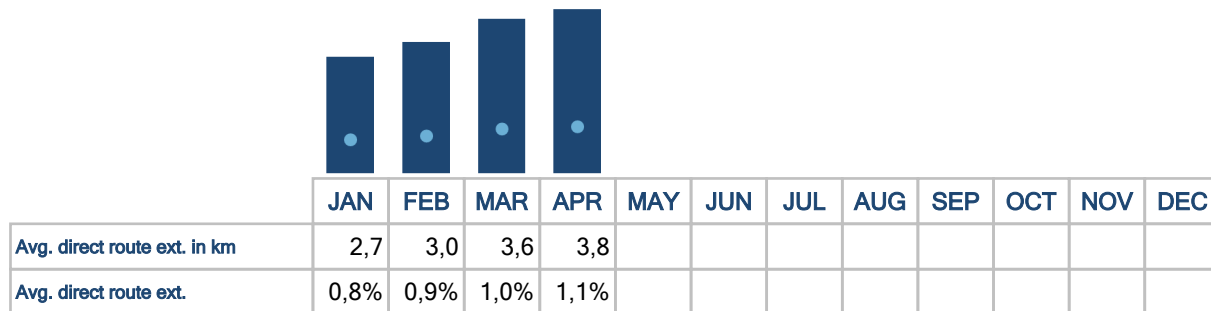
Direct route extension is defined as the difference between the length of the actual route (A) and the direct course (D) between the departure and arrival terminal areas (radius of 40 NM around the airport) or the national border where a flight enters or leaves German airspace. The direct route extension expressed as a percentage is defined as the ratio between the direct route extension and the direct course (D).

APR 2022	
Evaluated traffic	195.953
Average actual route / flight	354,2 km
Average direct course / flight	350,5 km
Average direct route extension / flight	3,8 km
Average direct route extension / flight	1,1%



Additional information:

The evaluated traffic includes only civil flights. This value is different from the number of IFR flights in the Federal Republic of Germany because certain flights are not included in the statistics. For example, tracks which have an intercept point with the departure or the arrival terminal area (40 NM) outside of the DFS controlled airspace are not included.



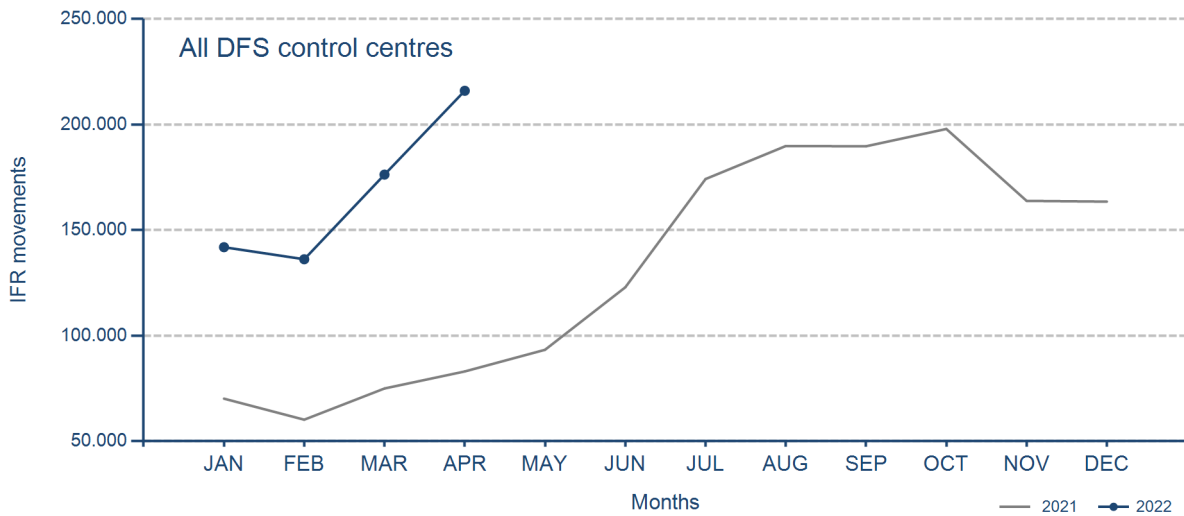
## IFR flights controlled by DFS

IFR movements (entries, exits, overflights and domestics) in control sectors controlled by DFS.

	APR 2022	APR 2021	Trend
<b>Civil flights</b>	211.347	79.596	165,5%
<b>Military flights</b>	4.689	3.512	33,5%
<b>Total</b>	216.036	83.108	159,9%

	JAN - APR 2022	JAN - APR 2021	Trend
<b>Civil flights</b>	652.664	275.071	137,3%
<b>Military flights</b>	17.914	13.565	32,1%
<b>Total</b>	670.578	288.636	132,3%

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.



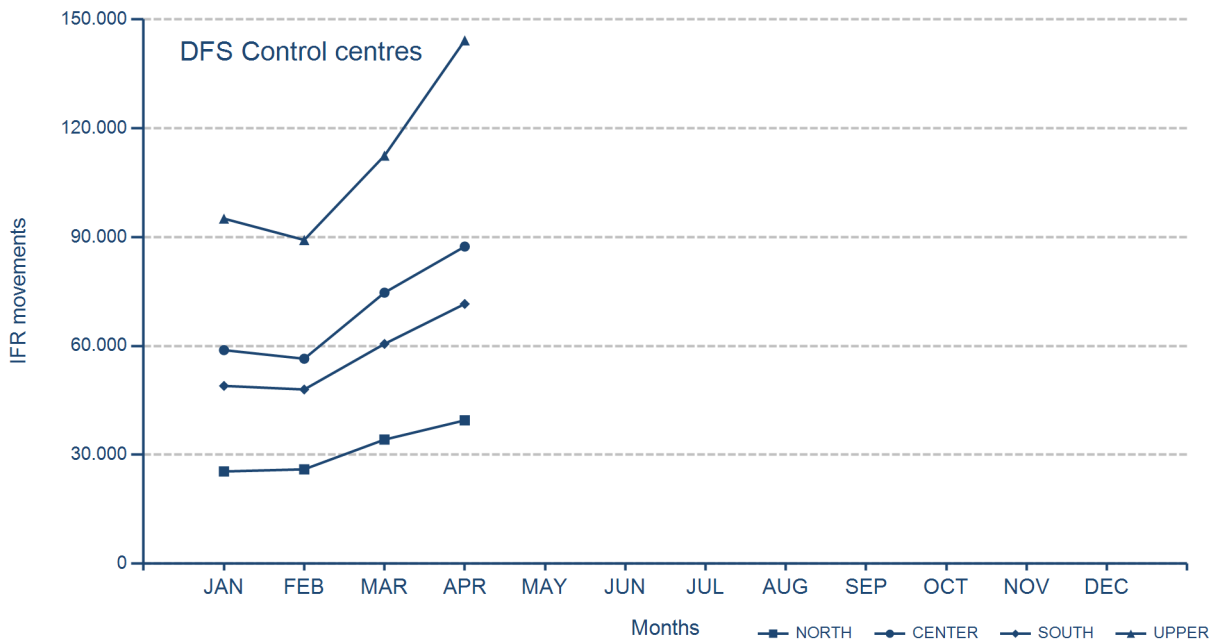
### IFR flights controlled by DFS - in detail

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

	APR 2022	APR 2021	Trend
<b>NORTH</b>	39.496	16.947	133,1%
<b>CENTER</b>	87.362	40.253	117,0%
<b>SOUTH</b>	71.557	28.959	147,1%
<b>UPPER</b>	144.144	51.041	182,4%

	JAN - APR 2022	JAN - APR 2021	Trend
<b>NORTH</b>	125.108	56.918	119,8%
<b>CENTER</b>	277.328	139.606	98,7%
<b>SOUTH</b>	229.085	99.441	130,4%
<b>UPPER</b>	440.784	179.317	145,8%

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 and regional German airports

IFR events (take-offs and landings) at the international DFS towers and the regional tower with control zone and barely any PPR in the Federal Republic of Germany.

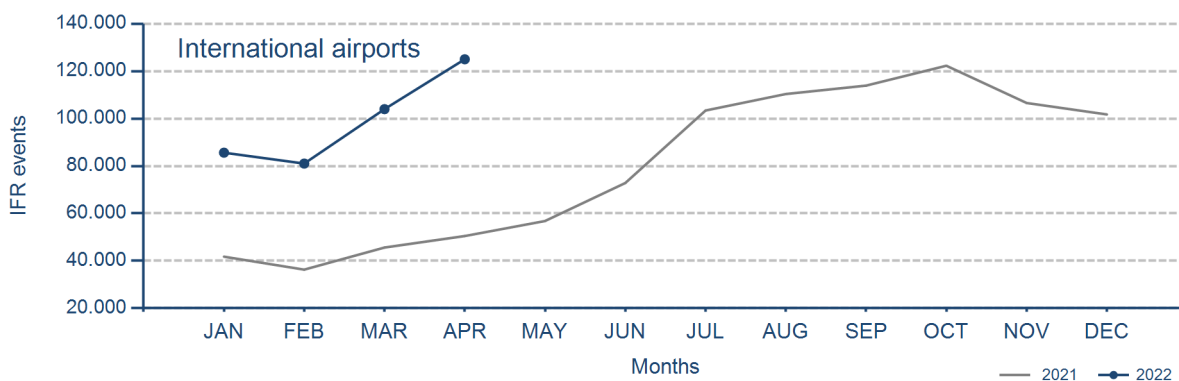
	APR 2022	APR 2021	Trend
<b>International Airports</b>	125.024	50.471	147,7%
<b>Regional Airports</b>	13.319	7.494	77,7%
<b>Total</b>	138.343	57.965	138,7%

	JAN - APR 2022	JAN - APR 2021	Trend
<b>International Airports</b>	395.671	174.163	127,2%
<b>Regional Airports</b>	40.363	25.634	57,5%
<b>Total</b>	436.034	199.797	118,2%

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

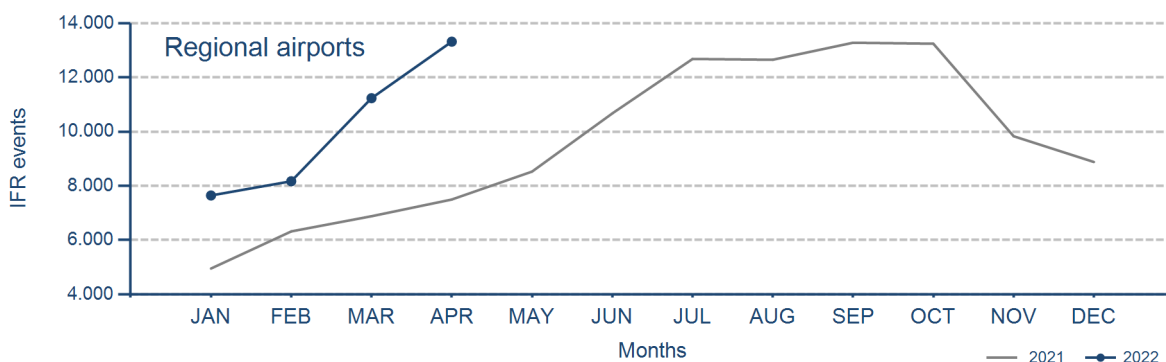
### IFR flights at international German airports

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



### IFR flights at regional German airports

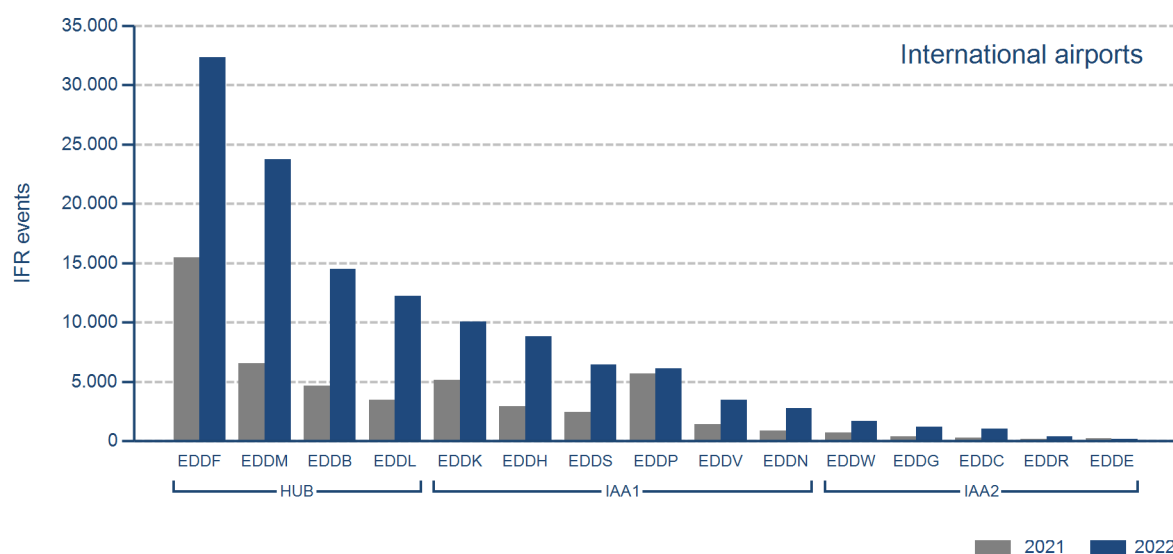
IFR events (take-offs and landings) at the different regional towers in the Federal Republic of Germany with control zone and barely any PPR.



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

IFR events (take-offs and landings) at the different 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).

	APR 2022	Trend	JAN - APR 2022	Trend
<b>HUB</b>				
EDDB Berlin-Brandenburg	14.486	OLC*	45.958	194,0%
EDDF Frankfurt/Main	32.332	109,1%	106.209	98,6%
EDDL Düsseldorf	12.229	OLC*	35.163	OLC*
EDDM München	23.746	OLC*	73.586	OLC*
<b>IAA1</b>				
EDDH Hamburg	8.826	OLC*	27.080	184,1%
EDDK Köln/Bonn	10.069	94,6%	32.950	68,9%
EDDN Nürnberg	2.786	OLC*	7.772	137,7%
EDDP Leipzig/Halle	6.140	7,8%	24.032	12,4%
EDDS Stuttgart	6.424	164,7%	18.790	121,4%
EDDV Hannover	3.482	142,3%	11.049	123,6%
<b>IAA2</b>				
EDDC Dresden	1.044	OLC*	2.883	198,1%
EDDE Erfurt/Weimar	197	-5,3%	821	-3,9%
EDDG Münster/Osnabrück	1.189	187,9%	3.349	76,4%
EDDR Saarbrücken	380	109,9%	1.060	55,7%
EDDW Bremen	1.694	140,6%	4.969	94,0%

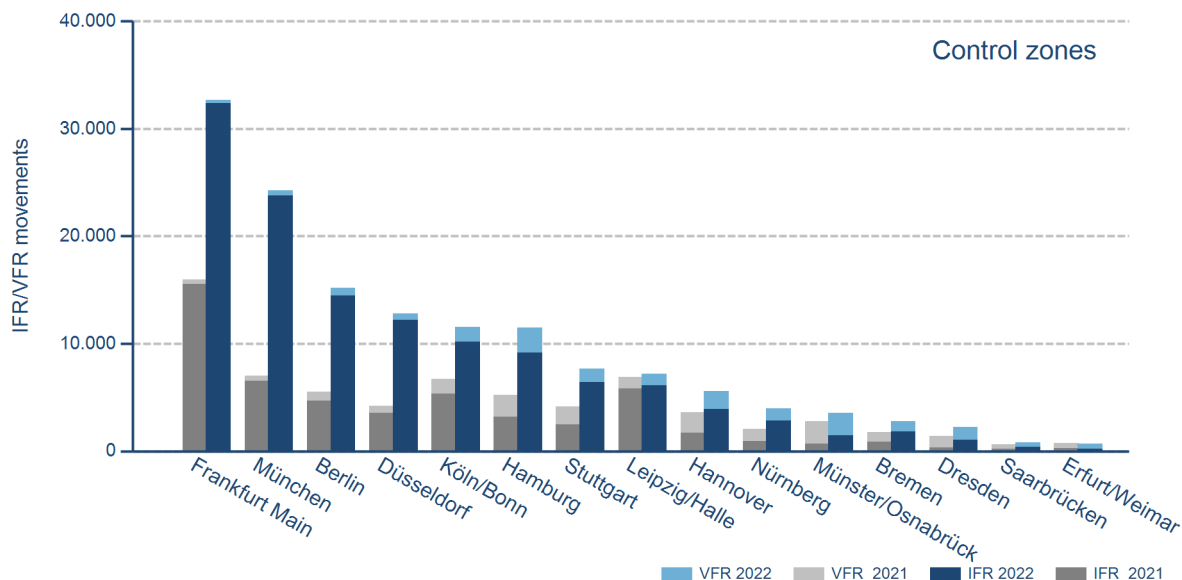


### IFR/VFR flights in control zones of DFS towers

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

	APR 2022	Trend	JAN - APR 2022	Trend
Berlin	15.184	176,3%	48.300	166,1%
Bremen	2.756	54,8%	8.219	42,1%
Dresden	2.253	60,7%	6.615	67,7%
Düsseldorf	12.795	OLC*	37.446	178,7%
Erfurt/Weimar	696	-6,6%	2.466	3,4%
Frankfurt Main	32.700	104,5%	107.694	93,7%
Hamburg	11.489	119,1%	35.098	112,1%
Hannover	5.611	54,5%	18.479	58,8%
Köln/Bonn	11.569	71,6%	38.134	55,8%
Leipzig/Halle	7.208	4,8%	27.622	11,0%
München	24.259	OLC*	75.466	OLC*
Münster/Osnabrück	3.548	28,8%	11.386	37,3%
Nürnberg	4.002	96,2%	12.520	81,2%
Saarbrücken	835	26,5%	2.430	17,5%
Stuttgart	7.702	84,7%	23.866	74,3%

Additional information: Münster reported 1.020 glider movements for the current month, i. e. 2.316 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.

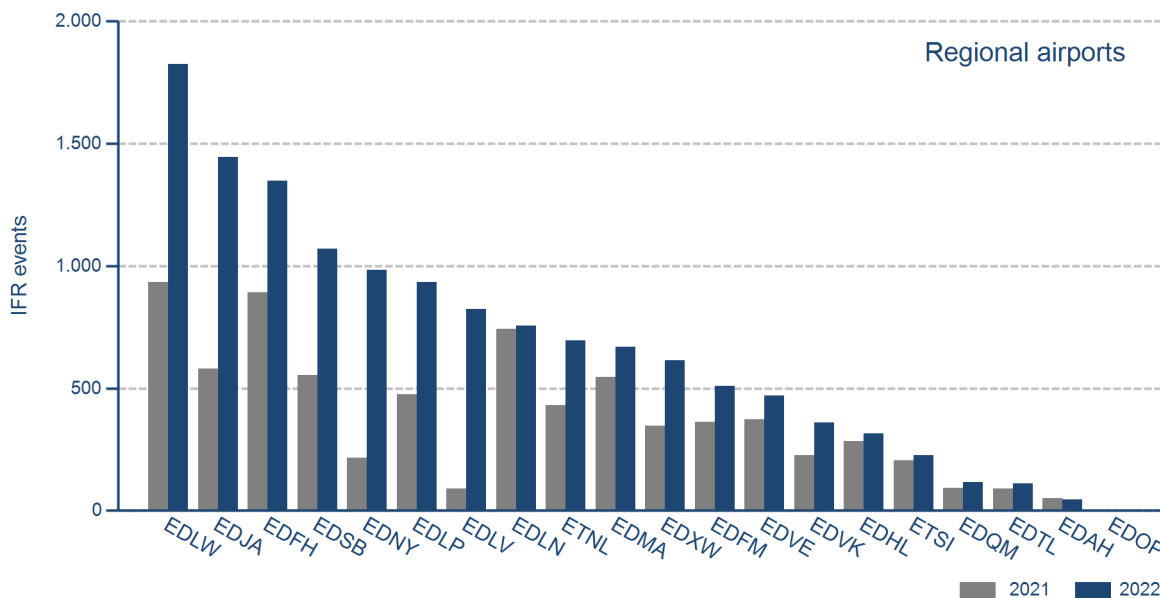
	APR 2022	Trend	JAN - APR 2022	Trend
EDAH Heringsdorf	47	-6,0%	51	-57,1%
EDFH Frankfurt-Hahn	1.349	51,1%	3.917	31,9%
EDFM Mannheim City	509	39,8%	1.749	35,3%
EDHL Lübeck-Blankensee	316	10,9%	994	25,8%
EDJA Memmingen	1.444	149,0%	4.548	148,4%
EDLN Mönchengladbach	755	1,5%	2.978	20,0%
EDLP Paderborn/Lippstadt	935	96,4%	2.399	71,5%
EDLV Niederrhein	824	OLC*	2.067	OLC*
EDLW Dortmund	1.824	95,5%	5.854	84,7%
EDMA Augsburg	669	22,3%	2.442	13,0%
EDNY Friedrichshafen	983	OLC*	2.218	165,6%
EDOP Schwerin-Parchim	1	N/A	1	N/A
EDQM Hof-Plauen	117	25,8%	485	55,9%
EDSB Karlsruhe/Baden-Baden	1.071	93,7%	2.976	43,4%
EDTL Lahr	110	20,9%	454	17,6%
EDVE Braunschweig-Wolfsburg	469	25,7%	1.612	13,0%
EDVK Kassel-Calden	359	58,8%	1.183	35,7%
EDXW Sylt	615	77,7%	1.295	72,2%
ETNL Laage	695	61,6%	2.218	30,1%
ETSI Ingolstadt/Manching	227	10,2%	922	25,6%

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



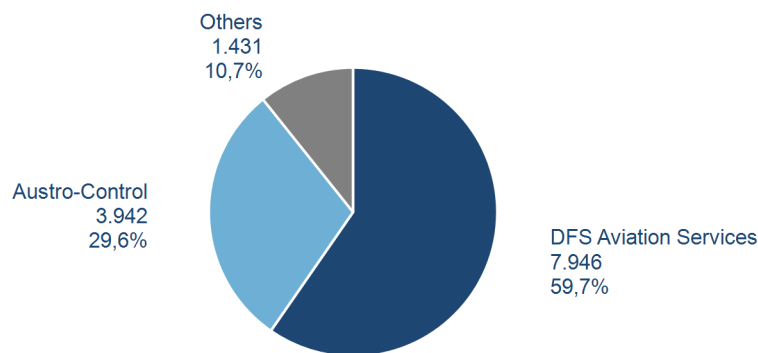
### IFR flights at regional German airports - in detail

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)