



# LIZ Air traffic statistics

APR 2021

DFS Situation and Information Centre

Version 11.05.2021

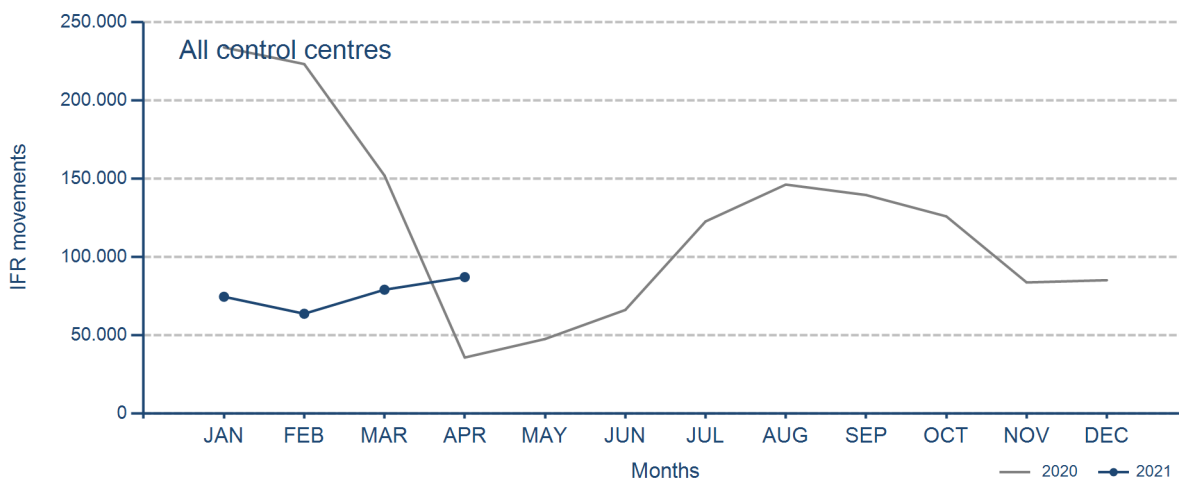
## IFR flights in the Federal Republic of Germany

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

	APR 2021	APR 2020	Trend
Civil flights	83.600	33.189	151,9%
Military flights	3.467	2.525	37,3%
<b>Total</b>	<b>87.067</b>	<b>35.714</b>	<b>143,8%</b>

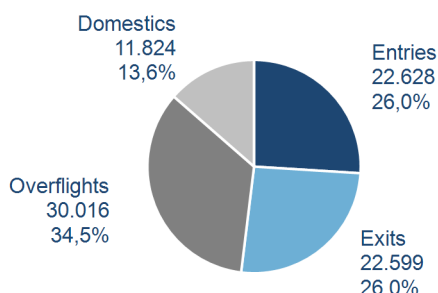
	JAN - APR 2021	JAN - APR 2020	Trend
Civil flights	290.929	632.383	-54,0%
Military flights	13.401	12.033	11,4%
<b>Total</b>	<b>304.330</b>	<b>644.416</b>	<b>-52,8%</b>



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.

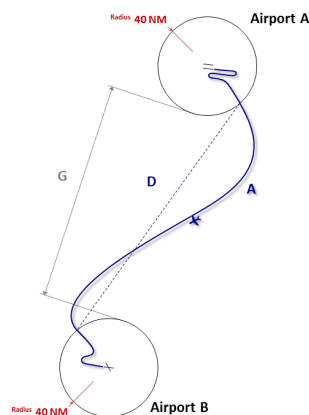


Please note: This count covers the traffic in the area build by all control sectors with a German designator („ED“), regardless of the service provider, including civil and military traffic in sectors controlled by DFS and Maastricht UAC (Maastricht-Hannover sectors). The area counted is composed of 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 2021	
Evaluated traffic	71.008
Average actual route / flight	333,2 km
Average direct course / flight	331,3 km
Average direct route extension / flight	1,9 km
Average direct route extension / flight	0,6%



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.

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Avg. direct route ext. in km	1,8	1,8	1,9	1,9								
Avg. direct route ext.	0,5%	0,5%	0,6%	0,6%								

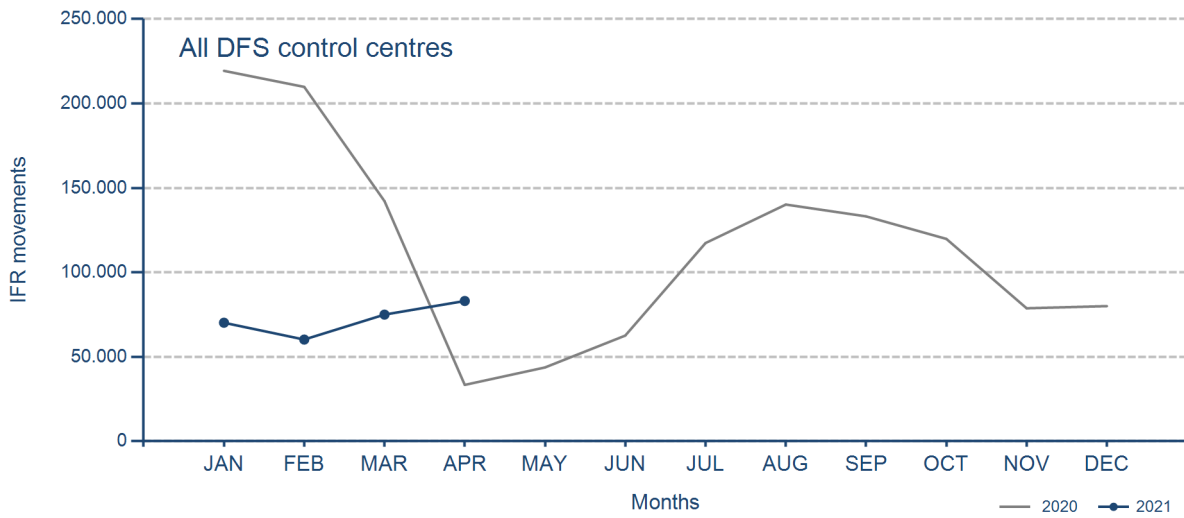
## IFR flights controlled by DFS

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

	APR 2021	APR 2020	Trend
<b>Civil flights</b>	79.595	30.913	OLC*
<b>Military flights</b>	3.507	2.516	39,4%
<b>Total</b>	83.102	33.429	148,6%

	JAN - APR 2021	JAN - APR 2020	Trend
<b>Civil flights</b>	275.068	592.901	-53,6%
<b>Military flights</b>	13.560	11.946	13,5%
<b>Total</b>	288.628	604.847	-52,3%

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.



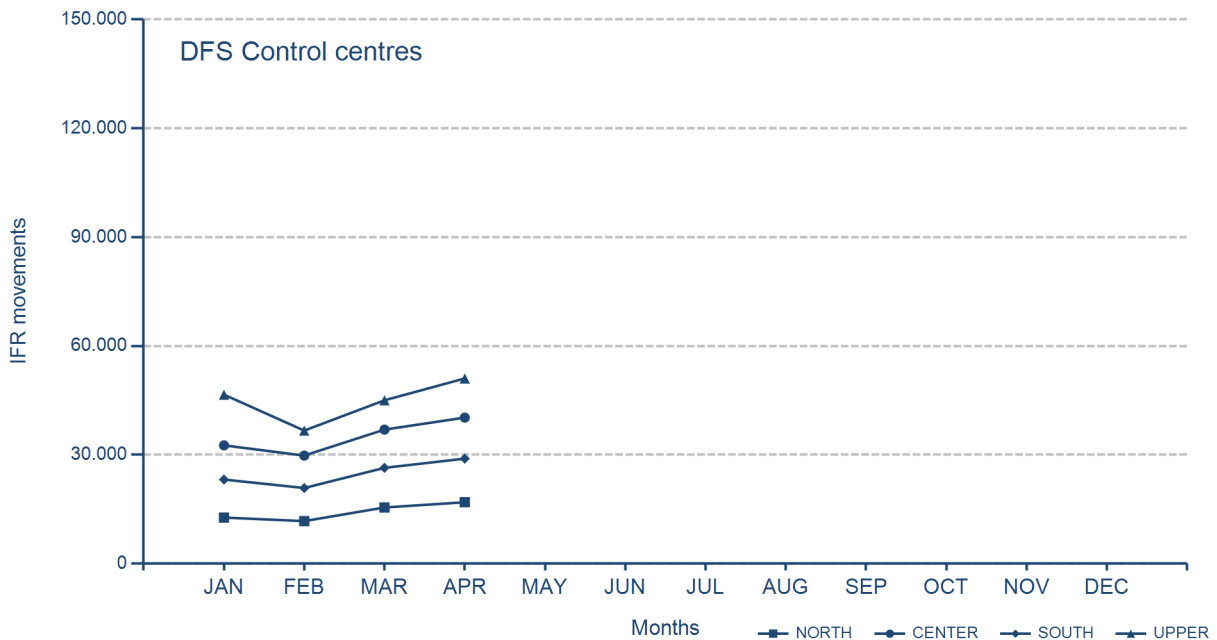
### IFR flights controlled by DFS - in detail

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

	APR 2021	APR 2020	Trend
<b>NORTH</b>	16.943	6.969	143,1%
<b>CENTER</b>	40.257	17.812	126,0%
<b>SOUTH</b>	28.953	12.214	137,0%
<b>UPPER</b>	51.039	19.334	OLC*

	JAN - APR 2021	JAN - APR 2020	Trend
<b>NORTH</b>	56.910	128.917	-55,9%
<b>CENTER</b>	139.607	261.909	-46,7%
<b>SOUTH</b>	99.432	228.315	-56,4%
<b>UPPER</b>	179.314	368.991	-51,4%

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 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.

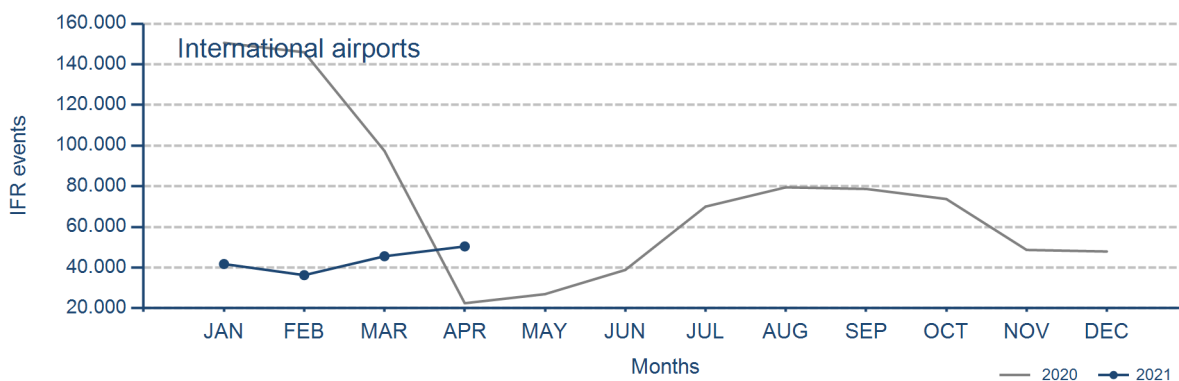
	APR 2021	APR 2020	Trend
<b>International Airports</b>	50.433	22.484	124,3%
<b>Regional Airports</b>	7.501	2.671	OLC*
<b>Total</b>	57.934	25.155	130,3%

	JAN - APR 2021	JAN - APR 2020	Trend
<b>International Airports</b>	174.110	416.442	-58,2%
<b>Regional Airports</b>	25.640	32.551	-21,2%
<b>Total</b>	199.750	448.993	-55,5%

Please note: The airports Magdeburg-Cochstedt (EDBC) and Schwerin-Parchim (EDOP) are currently closed.

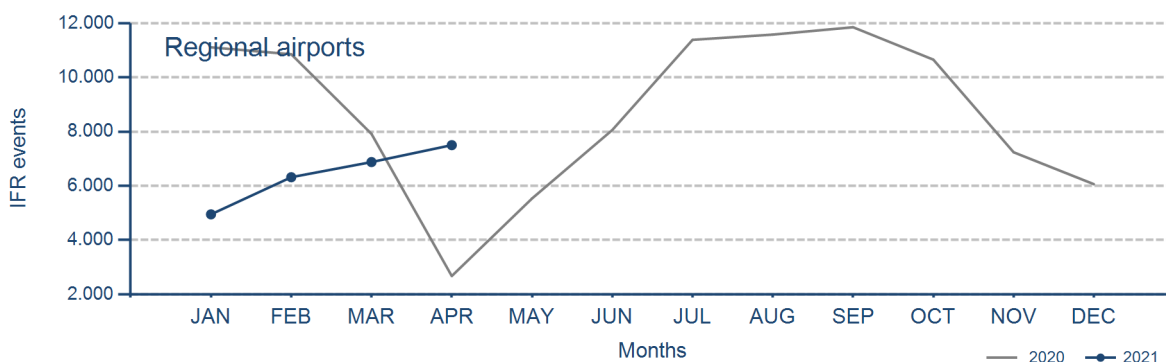
### IFR flights at international German airports

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



### IFR flights at regional German airports

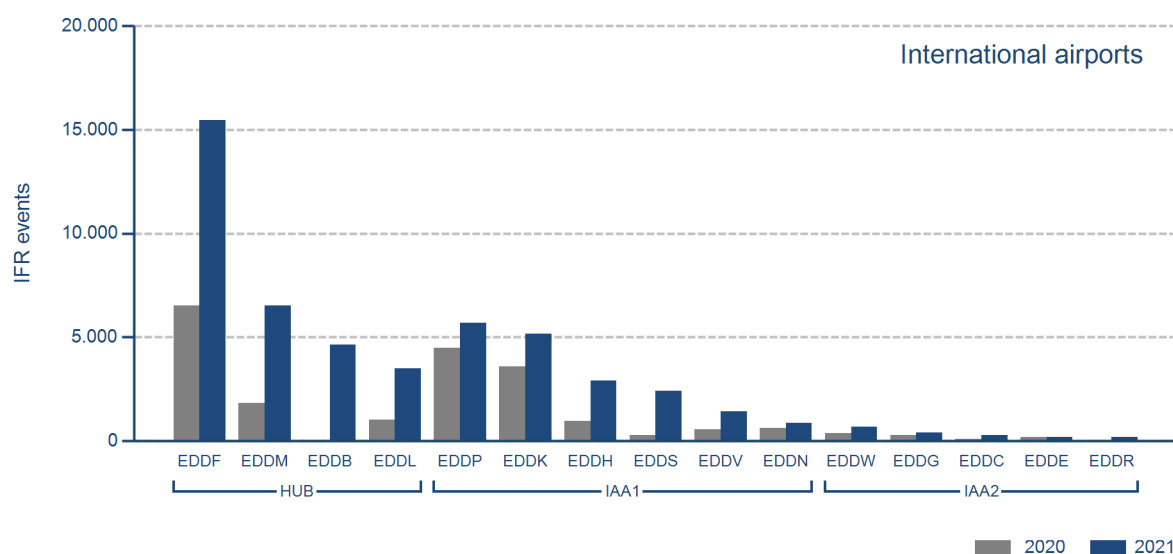
IFR events (take-offs and landings) at the different regional towers in the Federal Republic of Germany with control zone and barely any PPR.



### 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 2021	Trend	JAN - APR 2021	Trend
<b>HUB</b>				
EDDB Berlin-Brandenburg	4.648	N/A	15.626	N/A
EDDF Frankfurt/Main	15.465	136,8%	53.474	-47,4%
EDDL Düsseldorf	3.497	OLC*	11.006	-73,3%
EDDM München	6.538	OLC*	19.973	-74,8%
<b>IAA1</b>				
EDDH Hamburg	2.915	OLC*	9.531	-65,9%
EDDK Köln/Bonn	5.172	44,0%	19.508	-36,6%
EDDN Nürnberg	860	39,2%	3.265	-66,2%
EDDP Leipzig/Halle	5.691	27,1%	21.364	1,3%
EDDS Stuttgart	2.426	OLC*	8.483	-64,1%
EDDV Hannover	1.431	149,3%	4.935	-58,4%
<b>IAA2</b>				
EDDC Dresden	297	OLC*	964	-76,4%
EDDE Erfurt/Weimar	205	7,9%	851	-22,7%
EDDG Münster/Osnabrück	408	43,7%	1.893	-50,3%
EDDR Saarbrücken	181	OLC*	681	-52,9%
EDDW Bremen	699	87,4%	2.556	-58,4%

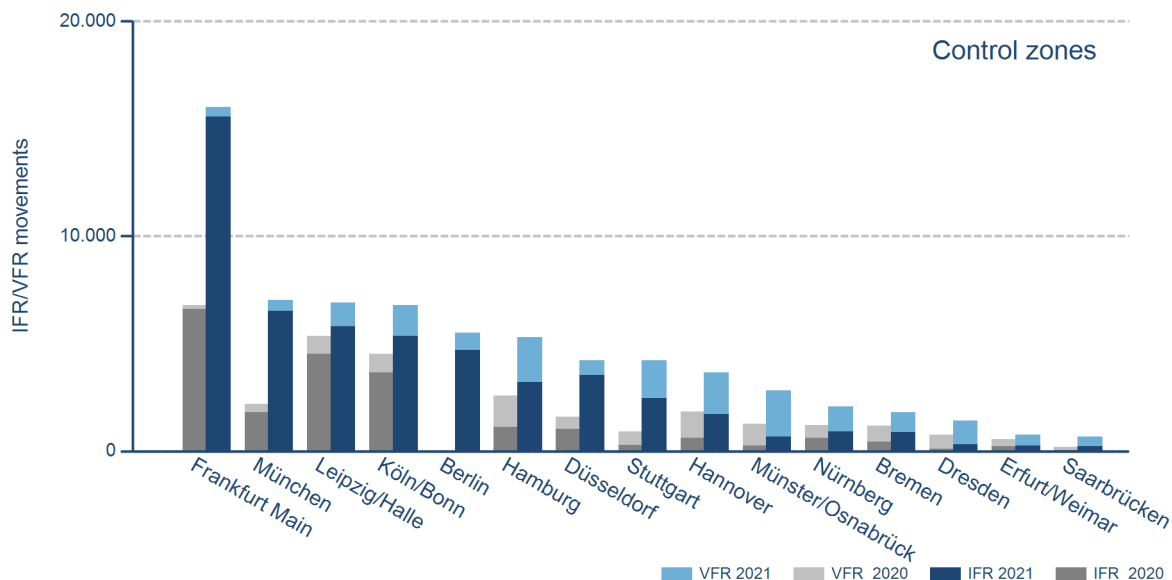


### IFR/VFR flights in control zones of DFS towers

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

	APR 2021	Trend	JAN - APR 2021	Trend
Berlin	5.510	N/A	18.167	N/A
Bremen	1.807	55,0%	5.810	-34,4%
Dresden	1.433	91,6%	3.976	-41,6%
Düsseldorf	4.223	OLC*	13.459	-68,8%
Erfurt/Weimar	765	36,1%	2.406	-5,6%
Frankfurt Main	16.015	136,3%	55.625	-46,0%
Hamburg	5.294	105,6%	16.595	-51,1%
Hannover	3.669	99,6%	11.674	-32,1%
Köln/Bonn	6.779	50,4%	24.505	-28,5%
Leipzig/Halle	6.909	28,7%	24.908	1,5%
München	7.018	OLC*	21.696	-73,1%
Münster/Osnabrück	2.830	122,5%	8.369	11,1%
Nürnberg	2.089	70,9%	6.958	-43,9%
Saarbrücken	679	OLC*	2.087	-13,3%
Stuttgart	4.217	OLC*	13.741	-49,2%

Additional information: Münster reported 998 glider movements for the current month, i.e. 1.408 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.

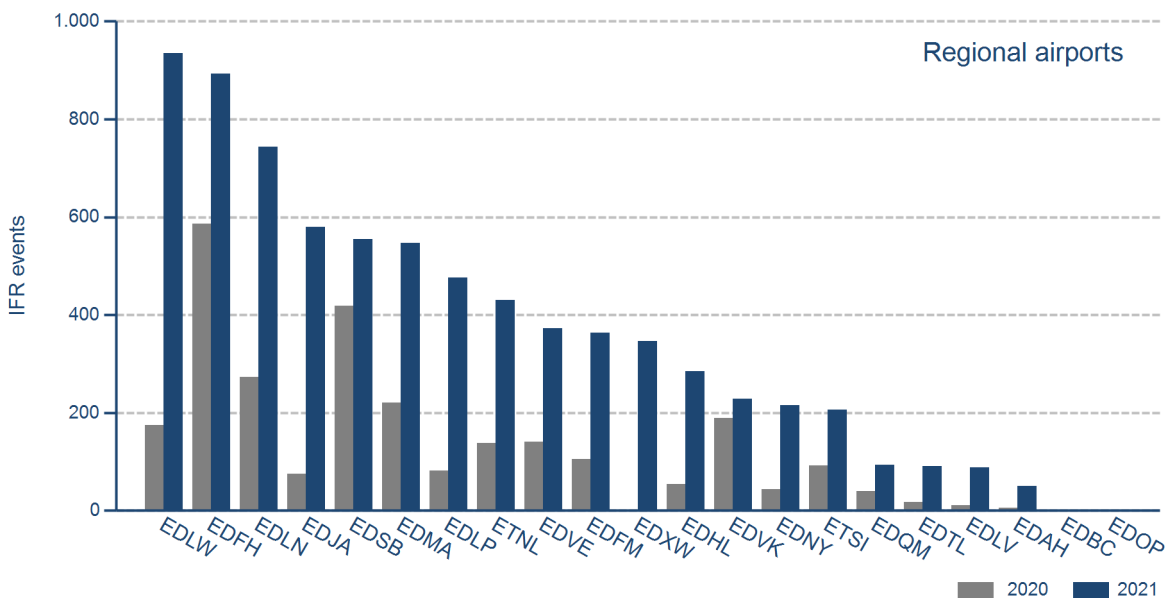
	APR 2021	Trend	JAN - APR 2021	Trend
EDAH Heringsdorf	51	OLC*	120	-41,2%
EDBC Magdeburg/Cochstedt	0	N/A	0	N/A
EDFH Frankfurt-Hahn	893	52,4%	2.968	-19,9%
EDFM Mannheim City	364	OLC*	1.293	-6,4%
EDHL Lübeck-Blankensee	285	OLC*	790	59,6%
EDJA Memmingen	580	OLC*	1.831	-40,3%
EDLN Mönchengladbach	744	OLC*	2.482	59,8%
EDLP Paderborn/Lippstadt	476	OLC*	1.399	-28,2%
EDLV Niederrhein	89	OLC*	325	-74,0%
EDLW Dortmund	935	OLC*	3.171	-37,6%
EDMA Augsburg	547	147,5%	2.161	33,5%
EDNY Friedrichshafen	215	OLC*	835	-58,5%
EDOP Schwerin-Parchim	0	N/A	0	N/A
EDQM Hof-Plauen	93	132,5%	311	1,0%
EDSB Karlsruhe/Baden-Baden	555	32,5%	2.077	-19,5%
EDTL Lahr	91	OLC*	386	37,4%
EDVE Braunschweig-Wolfsburg	373	OLC*	1.426	-27,0%
EDVK Kassel-Calden	228	20,6%	874	-15,6%
EDXW Sylt	346	OLC*	752	23,3%
ETNL Laage	430	OLC*	1.705	-24,8%
ETSI Ingolstadt/Manching	206	123,9%	734	-39,0%

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



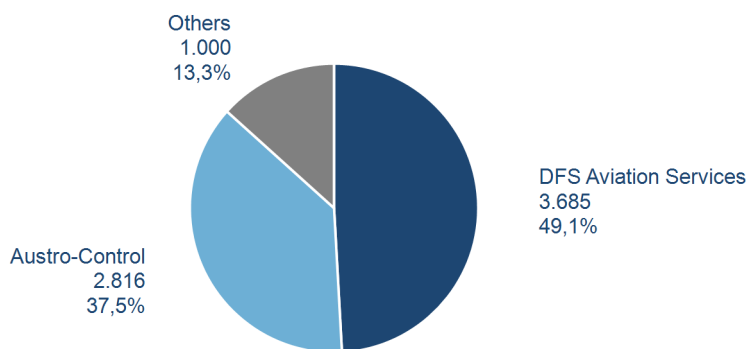
### IFR flights at regional German airports - in detail

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), 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)