



# LIZ Air traffic statistics

DFS Situation and Information Centre

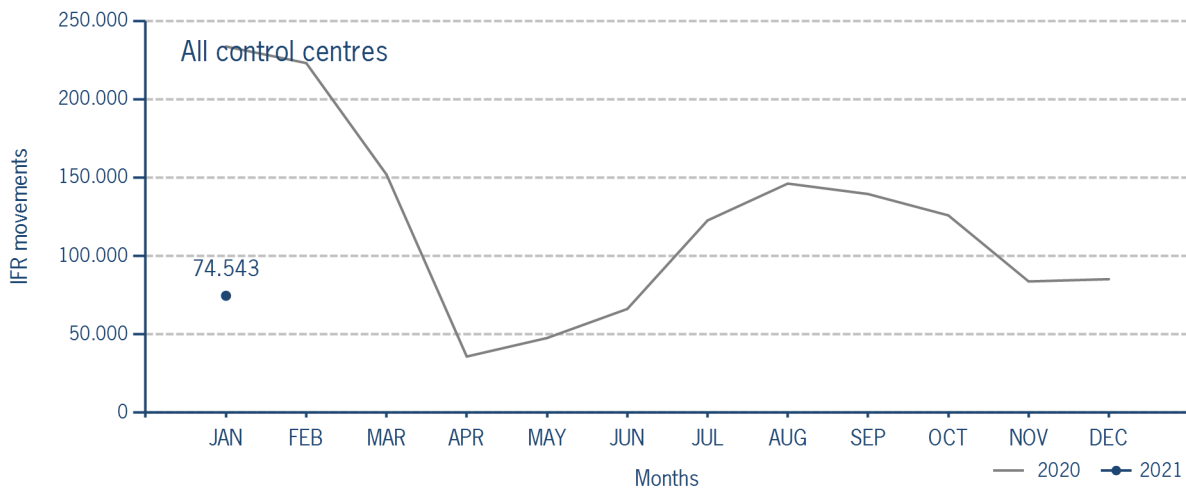
JAN 2021

Version 09.02.2021

## IFR flights in the Federal Republic of Germany

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

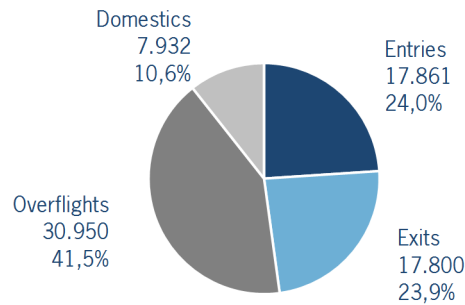
	JAN 2021	JAN 2020	Trend
Civil flights	71.558	230.051	-68,9%
Military flights	2.985	3.638	-17,9%
<b>Total</b>	<b>74.543</b>	<b>233.689</b>	<b>-68,1%</b>



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 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

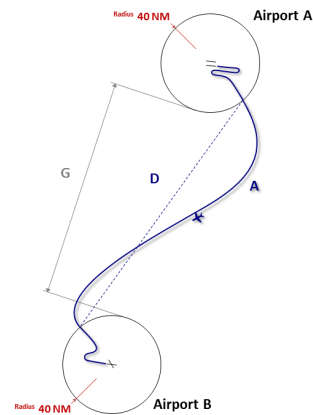
Direct route extension is defined as the difference between the length of the actual route (A) and the direct course (D) between the departure and arrival terminal areas (radius of 40 NM around the airport) or the national border where a flight enters or leaves German airspace. The direct route extension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

**Attention:**

The flight efficiency has been calculated without EBG\_BER. After implementation of EBG\_BER the value will be updated.

JAN 2021

Evaluated traffic	63.332
Average actual route / flight	341,4 km
Average direct course / flight	339,6 km
Average direct route extension / flight	1,8 km
Average direct route extension / flight	0,5%



**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.

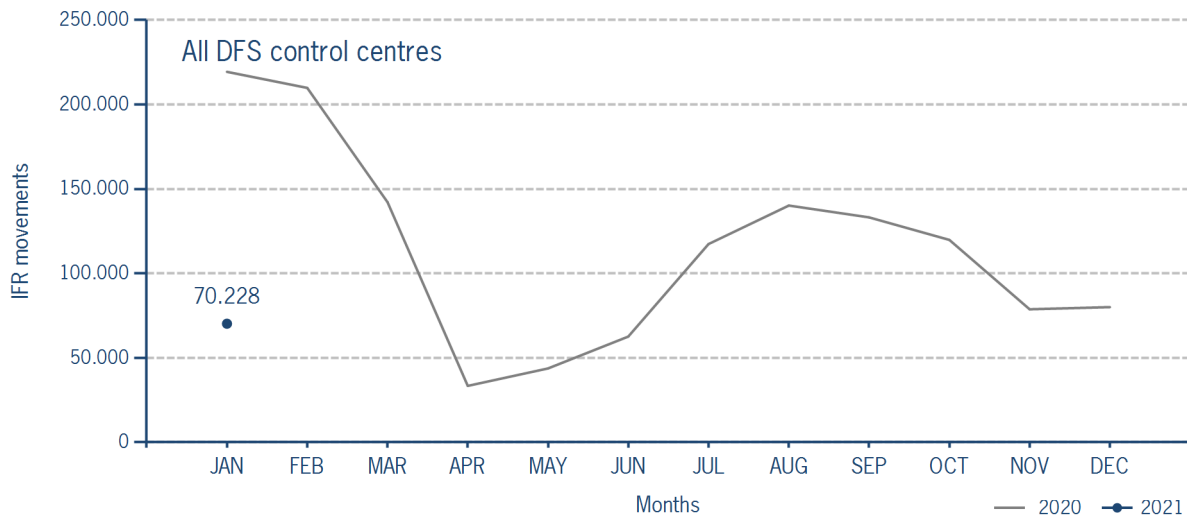
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Avg. direct route ext. in km	1,8											
Avg. direct route ext.	0,5%											

## IFR flights controlled by DFS

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

	JAN 2021	JAN 2020	Trend
<b>Civil flights</b>	67.176	215.740	-68,9%
<b>Military flights</b>	3.052	3.621	-15,7%
<b>Total</b>	70.228	219.361	-68,0%

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.

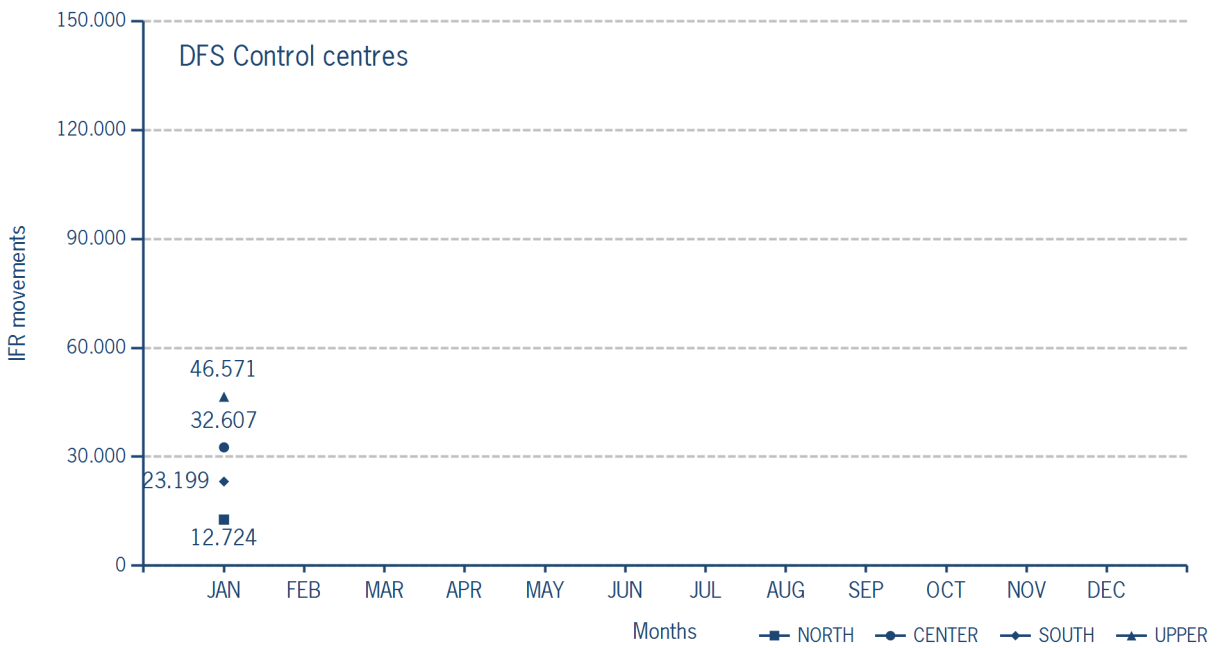


### IFR flights controlled by DFS - in detail

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

	JAN 2021	JAN 2020	Trend
<b>NORTH</b>	12.724	45.995	-72,3%
<b>CENTER</b>	32.607	92.870	-64,9%
<b>SOUTH</b>	23.199	83.792	-72,3%
<b>UPPER</b>	46.571	134.654	-65,4%

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

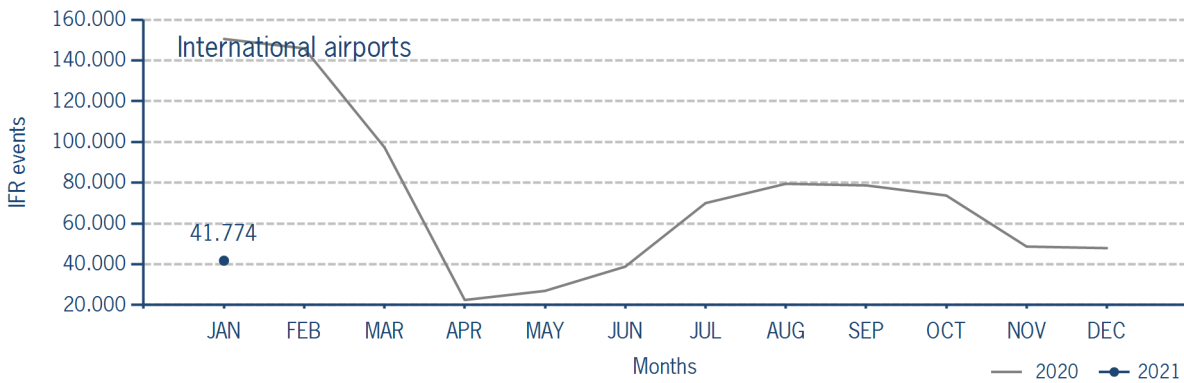
IFR events (take-offs and landings) at the international DFS towers and the regional tower with control zone and barely any PPR in the Federal Republic of Germany.

	JAN 2021	JAN 2020	Trend
<b>International Airports</b>	41.774	150.590	-72,3%
<b>Regional Airports</b>	4.946	11.110	-55,5%
<b>Total</b>	46.720	161.700	-71,1%

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

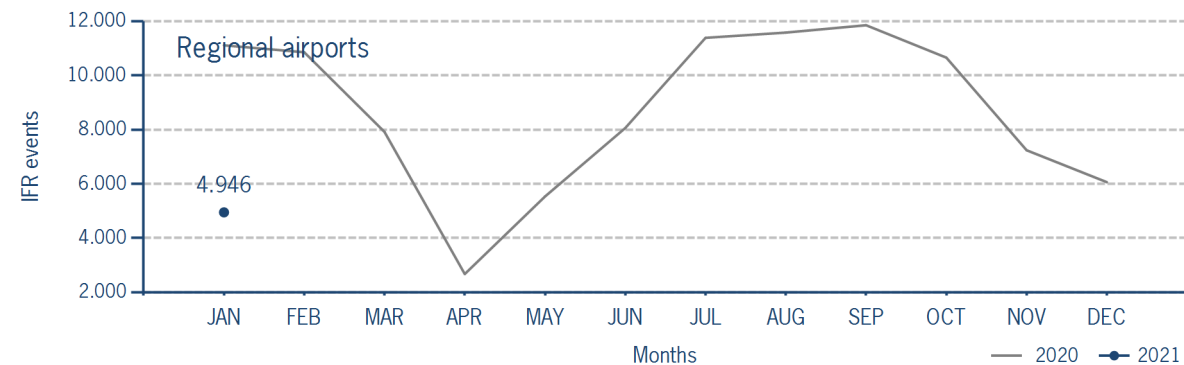
### IFR flights at international German airports

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).

JAN 2021	Trend
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**HUB**

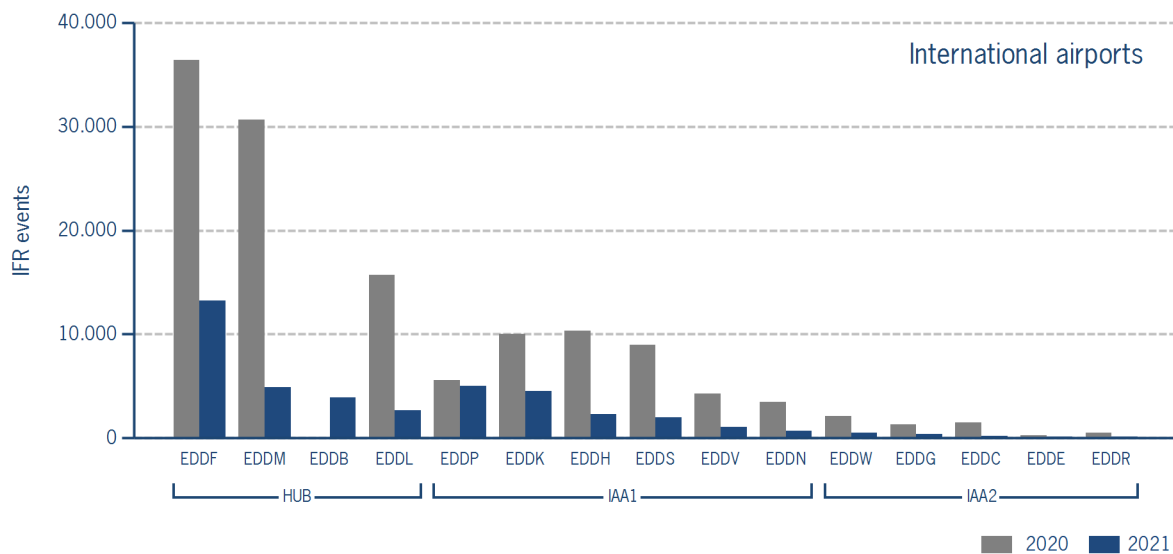
EDDB	Berlin-Brandenburg	3.932	N/A
EDDF	Frankfurt/Main	13.212	-63,7%
EDDL	Düsseldorf	2.660	-83,1%
EDDM	München	4.909	-84,0%

**IAA1**

EDDH	Hamburg	2.307	-77,6%
EDDK	Köln/Bonn	4.537	-54,9%
EDDN	Nürnberg	694	-80,2%
EDDP	Leipzig/Halle	5.016	-10,5%
EDDS	Stuttgart	1.974	-78,0%
EDDV	Hannover	1.086	-74,5%

**IAA2**

EDDC	Dresden	218	-85,5%
EDDE	Erfurt/Weimar	165	-42,5%
EDDG	Münster/Osnabrück	384	-70,9%
EDDR	Saarbrücken	153	-70,3%
EDDW	Bremen	527	-74,9%

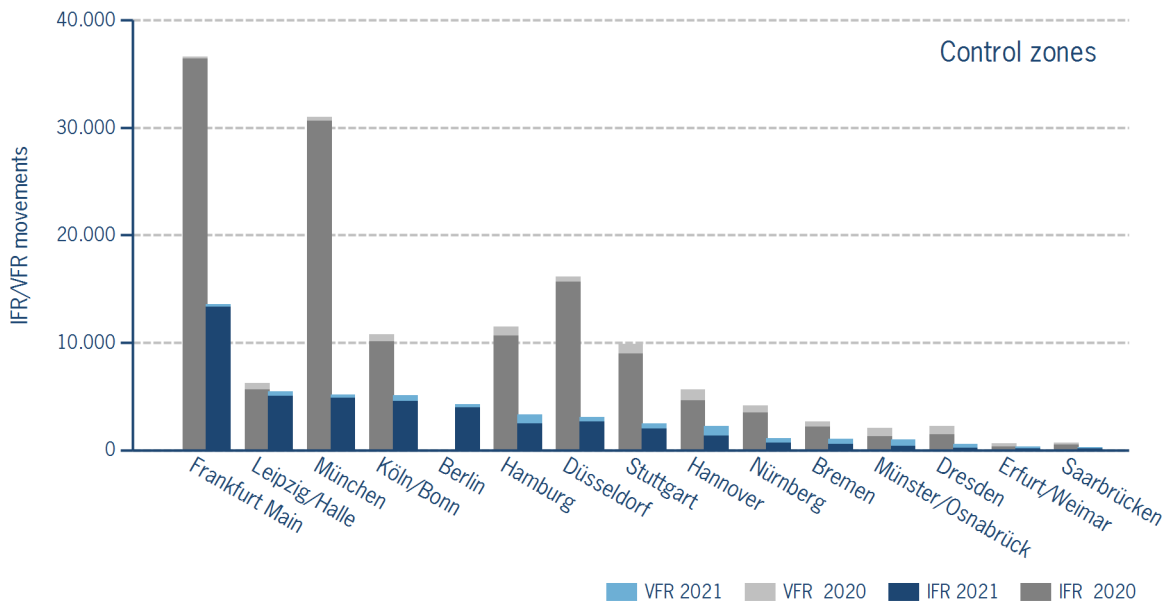


IFR/VFR flights in control zones of DFS towers

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

	JAN 2021	Trend
Berlin	4.266	N/A
Bremen	1.050	-60,3%
Dresden	580	-73,8%
Düsseldorf	3.067	-81,0%
Erfurt/Weimar	349	-46,3%
Frankfurt Main	13.605	-62,9%
Hamburg	3.341	-70,9%
Hannover	2.216	-60,6%
Köln/Bonn	5.115	-52,6%
Leipzig/Halle	5.493	-12,0%
München	5.189	-83,3%
Münster/Osnabrück	979	-52,5%
Nürnberg	1.109	-73,2%
Saarbrücken	291	-59,2%
Stuttgart	2.486	-74,9%

Additional information: Münster reported no glider movements for the current month, i.e. no 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.

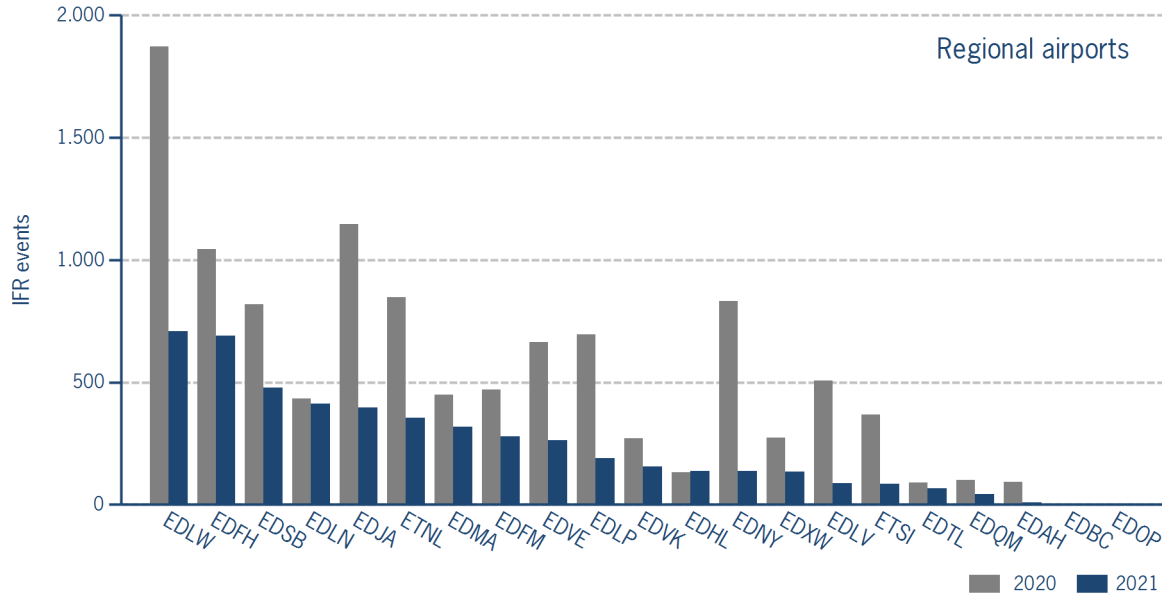
		JAN 2021	Trend
EDAH	Heringsdorf	8	-91,4%
EDBC	Magdeburg/Cochstedt	0	N/A
EDFH	Frankfurt-Hahn	691	-33,7%
EDFM	Mannheim City	280	-40,3%
EDHL	Lübeck-Blankensee	138	4,5%
EDJA	Memmingen	396	-65,5%
EDLN	Mönchengladbach	413	-4,8%
EDLP	Paderborn/Lippstadt	189	-72,8%
EDLV	Niederrhein	87	-82,9%
EDLW	Dortmund	710	-62,1%
EDMA	Augsburg	318	-29,3%
EDNY	Friedrichshafen	137	-83,5%
EDOP	Schwerin-Parchim	0	N/A
EDQM	Hof-Plauen	43	-57,4%
EDSB	Karlsruhe/Baden-Baden	477	-41,7%
EDTL	Lahr	66	-25,8%
EDVE	Braunschweig-Wolfsburg	262	-60,6%
EDVK	Kassel-Calden	155	-42,6%
EDXW	Sylt	135	-50,7%
ETNL	Laage	356	-58,1%
ETSI	Ingolstadt/Manching	85	-76,9%

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



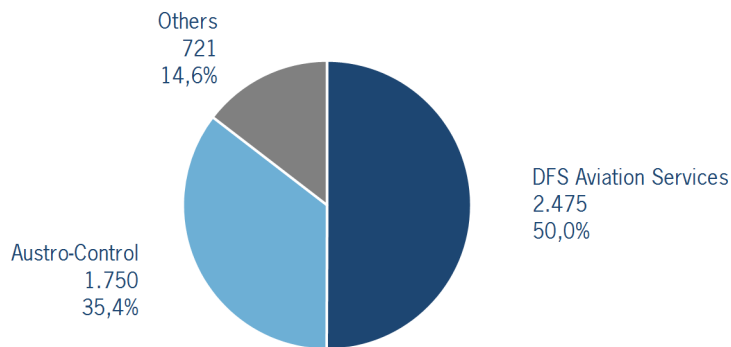
**IFR flights at regional German airports - in detail**

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)