



# LIZ Air traffic statistics

MAY 2020

DFS Situation and Information Centre

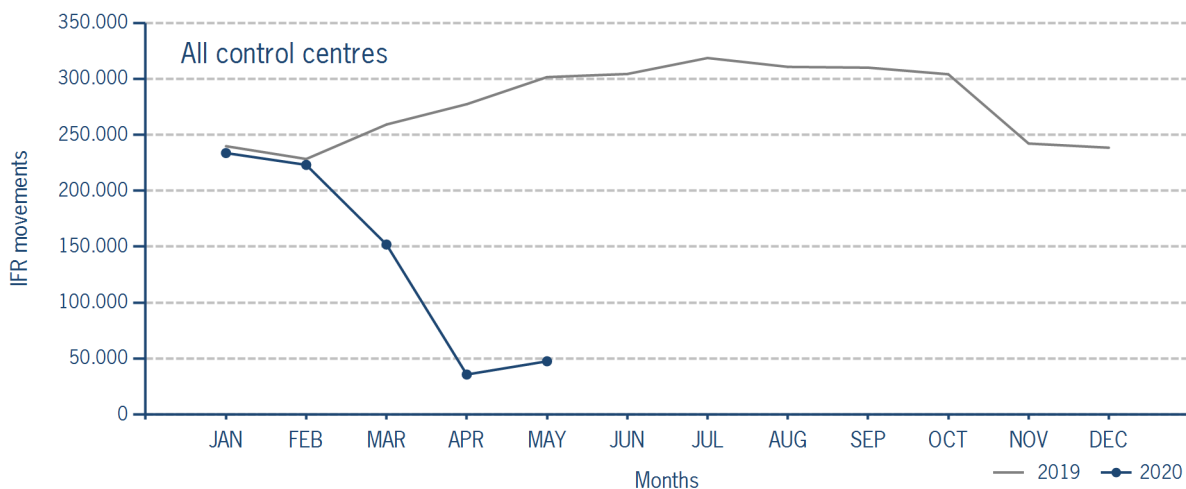
Version 03.06.2020

## IFR flights in the Federal Republic of Germany

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

	MAY 2020	MAY 2019	Trend
Civil flights	44.452	297.871	-85,1%
Military flights	3.103	3.711	-16,4%
<b>Total</b>	<b>47.555</b>	<b>301.582</b>	<b>-84,2%</b>

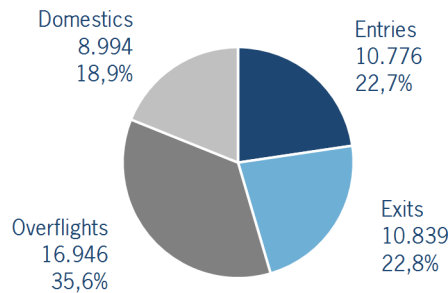
	JAN - MAY 2020	JAN - MAY 2019	Trend
Civil flights	676.835	1.289.581	-47,5%
Military flights	15.136	16.761	-9,7%
<b>Total</b>	<b>691.971</b>	<b>1.306.342</b>	<b>-47,0%</b>



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.

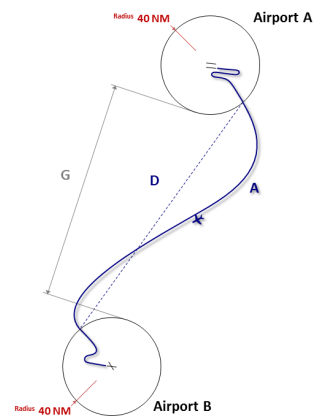


Please note: This count covers the traffic in the area build by all control sectors with a German designator („ED“), regardless of the service provider, including civil and military traffic in sectors controlled by DFS and Maastricht UAC (Maastricht-Hannover sectors). The area counted is composed of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

MAY 2020	
Evaluated traffic	33.585
Average actual route / flight	339,4 km
Average direct course / flight	337,3 km
Average direct route extension / flight	2,1 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	3,4	3,6	3,6	7,5	2,1							
Avg. direct route ext.	1,0%	1,1%	1,1%	2,4%	0,6%							

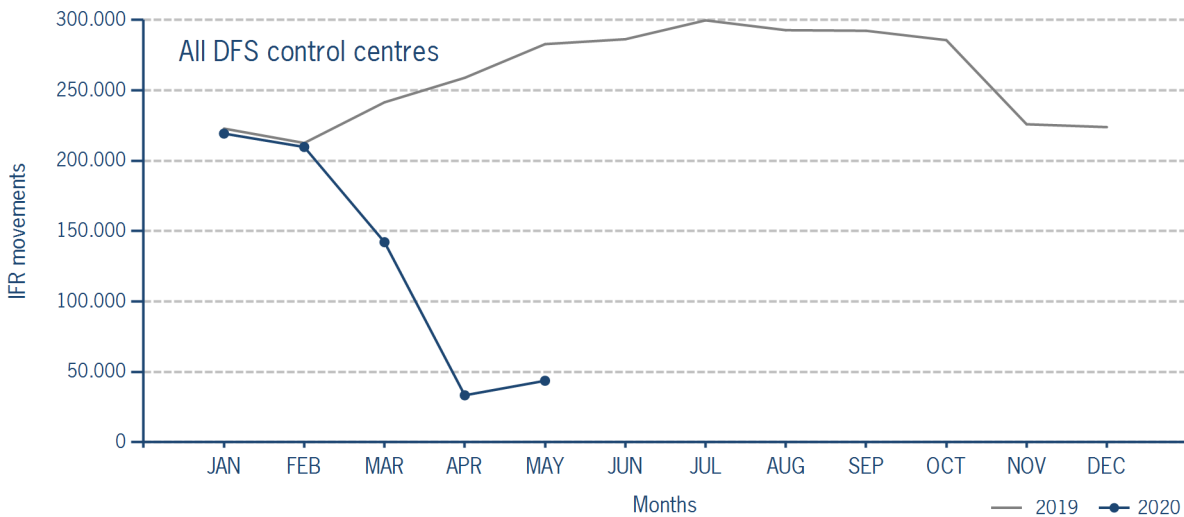
## IFR flights controlled by DFS

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

	MAY 2020	MAY 2019	Trend
Civil flights	40.676	279.245	-85,4%
Military flights	3.081	3.663	-15,9%
<b>Total</b>	<b>43.757</b>	<b>282.908</b>	<b>-84,5%</b>

	JAN - MAY 2020	JAN - MAY 2019	Trend
Civil flights	633.577	1.202.277	-47,3%
Military flights	15.027	16.753	-10,3%
<b>Total</b>	<b>648.604</b>	<b>1.219.030</b>	<b>-46,8%</b>

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.



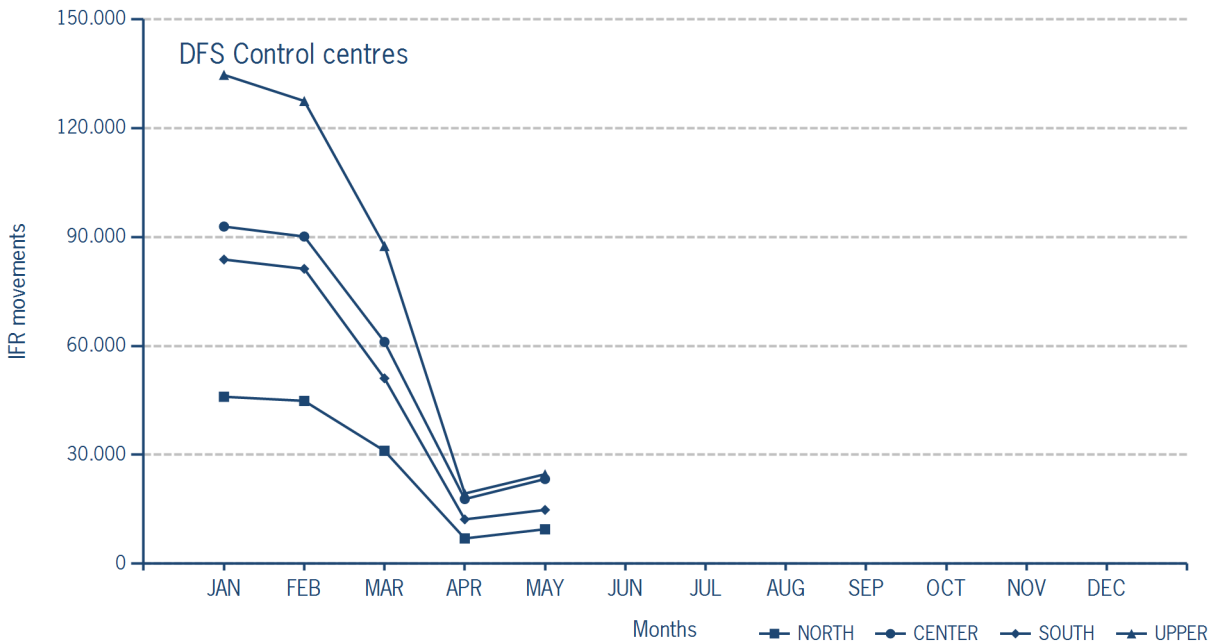
**IFR flights controlled by DFS - in detail**

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

	MAY 2020	MAY 2019	Trend
<b>NORTH</b>	9.505	60.523	-84,3%
<b>CENTER</b>	23.334	120.871	-80,7%
<b>SOUTH</b>	14.830	106.268	-86,0%
<b>UPPER</b>	24.663	157.030	-84,3%

	JAN - MAY 2020	JAN - MAY 2019	Trend
<b>NORTH</b>	138.422	268.188	-48,4%
<b>CENTER</b>	285.243	525.776	-45,7%
<b>SOUTH</b>	243.145	466.020	-47,8%
<b>UPPER</b>	393.654	720.277	-45,3%

Please note: The trend numbers compare counts of the airspaces in their current configuration to the count of the same airspace in 2019.



### 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.

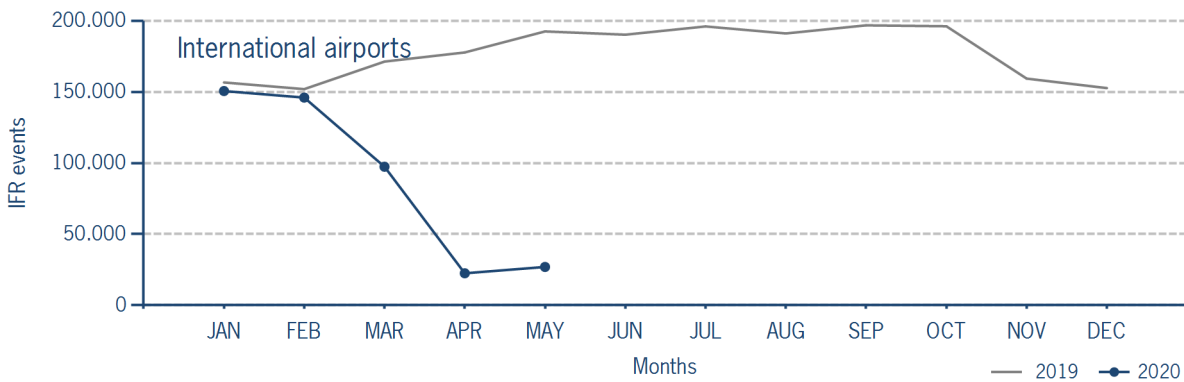
	MAY 2020	MAY 2019	Trend
<b>International Airports</b>	26.957	192.484	-86,0%
<b>Regional Airports</b>	5.532	14.752	-62,5%
<b>Total</b>	32.489	207.236	-84,3%

	JAN - MAY 2020	JAN - MAY 2019	Trend
<b>International Airports</b>	443.399	850.071	-47,8%
<b>Regional Airports</b>	38.083	65.175	-41,6%
<b>Total</b>	481.482	915.246	-47,4%

Please note: The airport Magdeburg-Cochstedt (EDBC) is currently closed and the airport Sylt (EDXW) is now assigned to Austro Control.

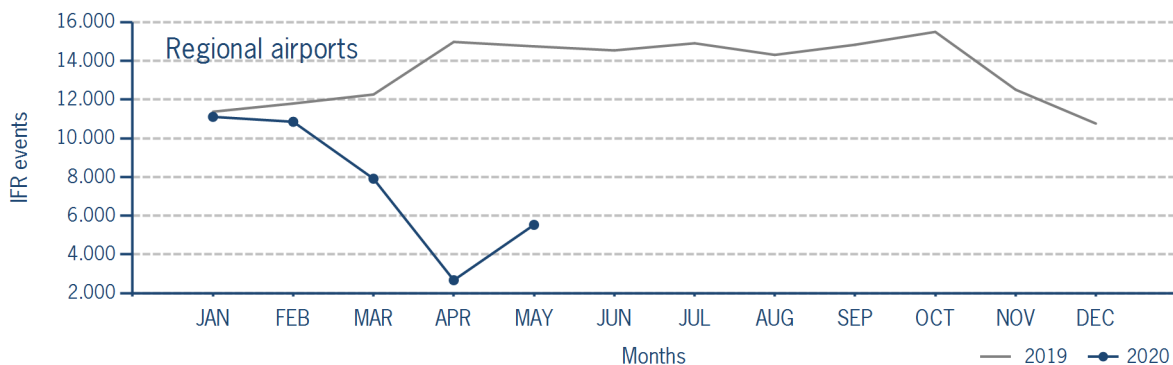
### IFR flights at international German airports

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



### IFR flights at regional German airports

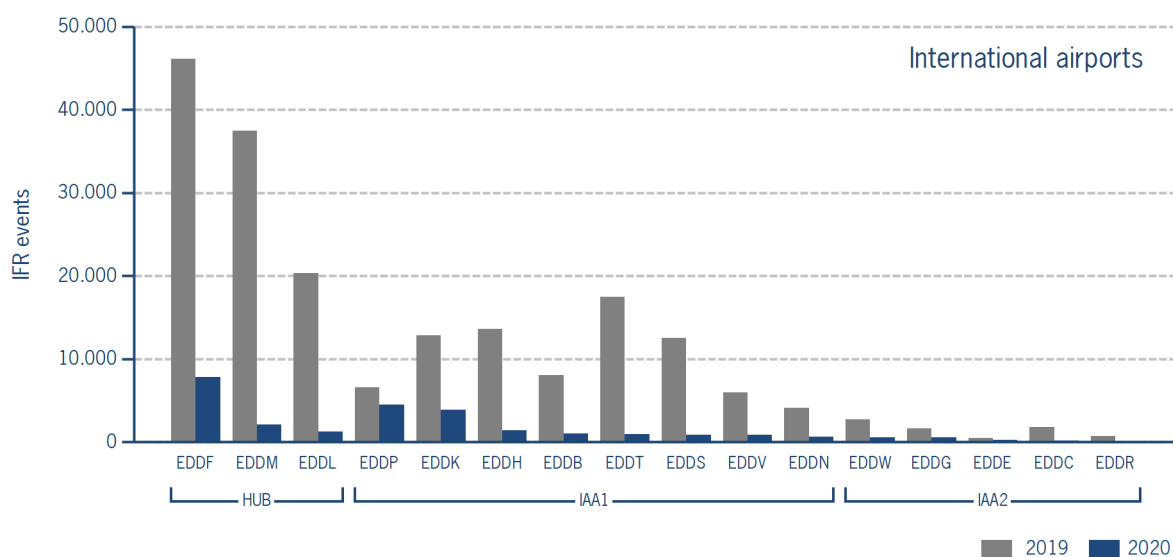
IFR events (take-offs and landings) at the different regional towers in the Federal Republic of Germany with control zone and barely any PPR.



**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).

		MAY 2020	Trend	JAN - MAY 2020	Trend
<b>HUB</b>					
EDDF	Frankfurt/Main	7.799	-83,1%	109.427	-47,0%
EDDL	Düsseldorf	1.293	-93,6%	42.504	-52,8%
EDDM	München	2.084	-94,4%	81.222	-51,3%
<b>IAA1</b>					
EDDB	Berlin-Schönefeld	1.051	-86,9%	18.531	-50,6%
EDDH	Hamburg	1.388	-89,8%	29.305	-51,1%
EDDK	Köln/Bonn	3.895	-69,6%	34.686	-35,5%
EDDN	Nürnberg	648	-84,1%	10.318	-44,8%
EDDP	Leipzig/Halle	4.504	-31,8%	25.587	-15,6%
EDDS	Stuttgart	841	-93,3%	24.454	-52,4%
EDDT	Berlin-Tegel	936	-94,6%	36.392	-54,3%
EDDV	Hannover	840	-85,9%	12.706	-47,9%
<b>IAA2</b>					
EDDC	Dresden	198	-89,0%	4.288	-46,8%
EDDE	Erfurt/Weimar	226	-50,1%	1.327	-23,9%
EDDG	Münster/Osnabrück	555	-66,3%	4.365	-38,2%
EDDR	Saarbrücken	106	-85,8%	1.553	-44,2%
EDDW	Bremen	593	-78,3%	6.734	-42,2%

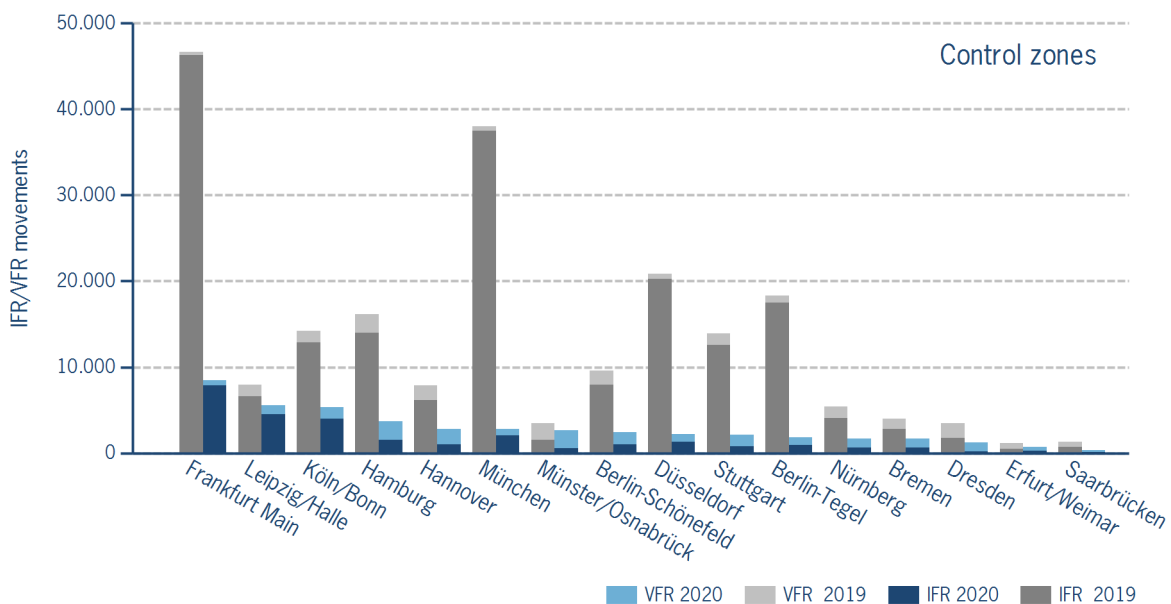


IFR/VFR flights in control zones of DFS towers

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

	MAY 2020	Trend	JAN - MAY 2020	Trend
Berlin-Schönefeld	2.443	-74,5%	23.664	-45,3%
Berlin-Tegel	1.821	-90,0%	39.728	-52,0%
Bremen	1.684	-57,7%	10.546	-36,2%
Dresden	1.236	-64,6%	8.048	-38,9%
Düsseldorf	2.239	-89,3%	45.385	-50,9%
Erfurt/Weimar	697	-40,3%	3.246	-26,0%
Frankfurt Main	8.447	-81,9%	111.440	-46,5%
Hamburg	3.672	-77,3%	37.591	-46,0%
Hannover	2.836	-63,9%	20.030	-38,3%
Köln/Bonn	5.370	-62,3%	39.622	-33,3%
Leipzig/Halle	5.554	-30,3%	30.089	-15,8%
München	2.790	-92,7%	83.469	-50,7%
Münster/Osnabrück	2.644	-23,7%	10.180	-27,0%
Nürnberg	1.719	-68,1%	14.111	-41,4%
Saarbrücken	369	-71,5%	2.775	-37,8%
Stuttgart	2.151	-84,6%	29.185	-49,0%

Additional information: Münster reported 762 glider movements for the current month, i.e. 762 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.

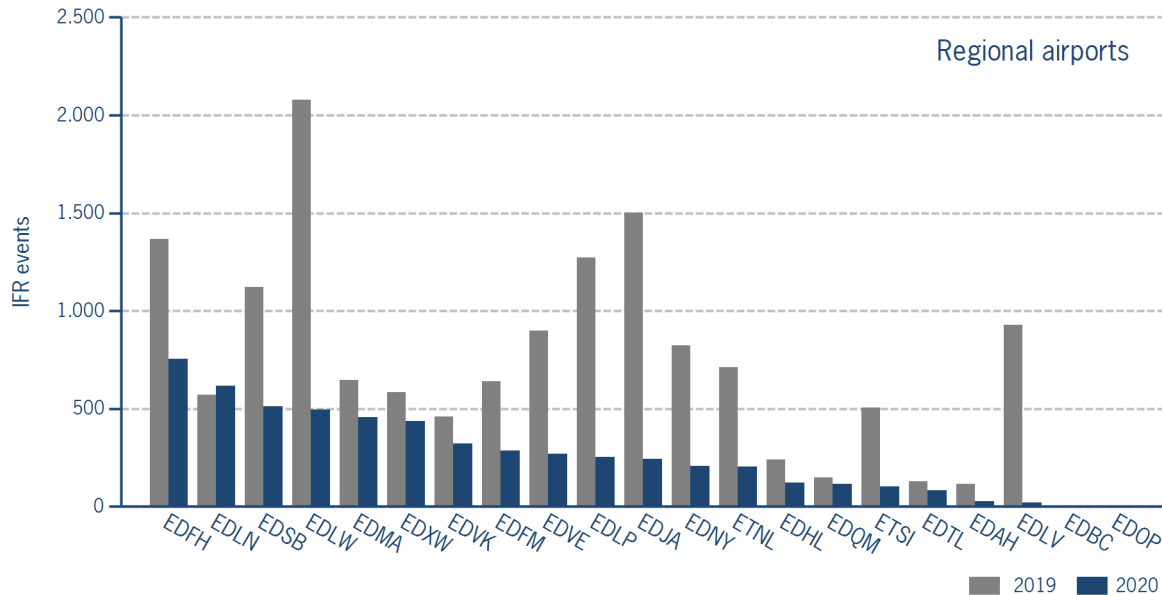
		MAY 2020	Trend	JAN - MAY 2020	Trend
EDAH	Heringsdorf	29	-75,0%	233	-19,1%
EDBC	Magdeburg/Cochstedt	0	N/A	0	-100,0%
EDFH	Frankfurt-Hahn	756	-44,8%	4.462	-35,6%
EDFM	Mannheim City	285	-55,4%	1.667	-40,9%
EDHL	Lübeck-Blankensee	122	-49,4%	617	-47,7%
EDJA	Memmingen	243	-83,8%	3.308	-46,3%
EDLN	Mönchengladbach	618	8,0%	2.171	-15,9%
EDLP	Paderborn/Lippstadt	253	-80,1%	2.201	-57,2%
EDLV	Niederrhein	21	-97,7%	1.271	-65,1%
EDLW	Dortmund	495	-76,2%	5.576	-40,8%
EDMA	Augsburg	456	-29,5%	2.075	-26,3%
EDNY	Friedrichshafen	207	-74,9%	2.217	-52,1%
EDOP	Schwerin-Parchim	0	N/A	0	-100,0%
EDQM	Hof-Plauen	116	-22,1%	424	-30,5%
EDSB	Karlsruhe/Baden-Baden	512	-54,4%	3.091	-33,8%
EDTL	Lahr	85	-34,1%	366	-43,3%
EDVE	Braunschweig-Wolfsburg	269	-70,1%	2.223	-44,3%
EDVK	Kassel-Calden	324	-29,4%	1.359	-22,3%
EDXW	Sylt	436	-25,2%	1.046	-45,1%
ETNL	Laage	203	-71,5%	2.471	-30,5%
ETSI	Ingolstadt/Manching	102	-79,9%	1.305	-46,2%

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



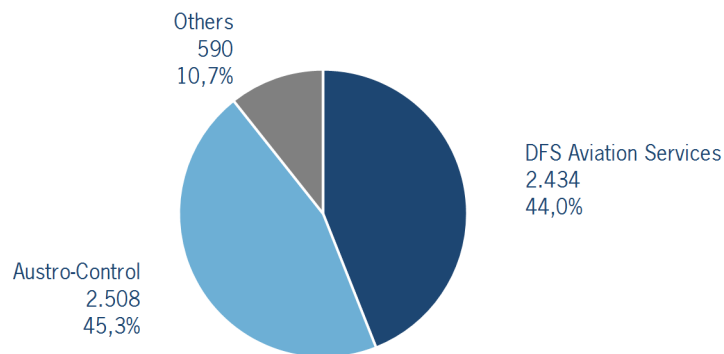
### IFR flights at regional German airports - in detail

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)