



# LIZ Air traffic statistics

DFS Situation and Information Centre

APR 2020

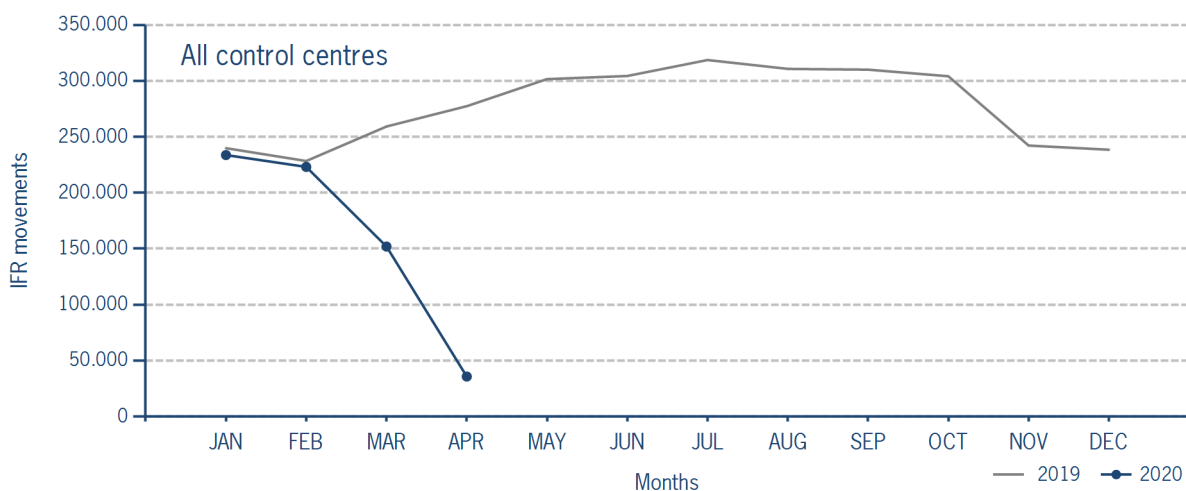
Version 06.05.2020

## IFR flights in the Federal Republic of Germany

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

	APR 2020	APR 2019	Trend
Civil flights	33.189	274.003	-87,9%
Military flights	2.525	3.366	-25,0%
<b>Total</b>	<b>35.714</b>	<b>277.369</b>	<b>-87,1%</b>

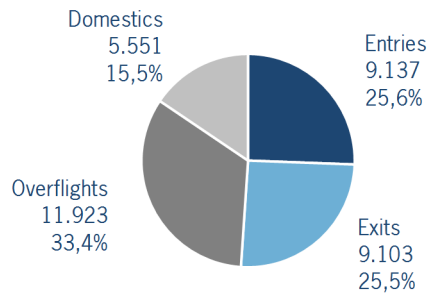
	JAN - APR 2020	JAN - APR 2019	Trend
Civil flights	632.383	991.710	-36,2%
Military flights	12.033	13.050	-7,8%
<b>Total</b>	<b>644.416</b>	<b>1.004.760</b>	<b>-35,9%</b>



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.

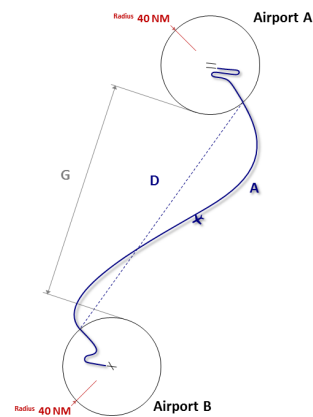


Please note: This count covers the traffic in the area build by all control sectors with a German designator („ED“), regardless of the service provider, including civil and military traffic in sectors controlled by DFS and Maastricht UAC (Maastricht-Hannover sectors). The area counted is composed of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

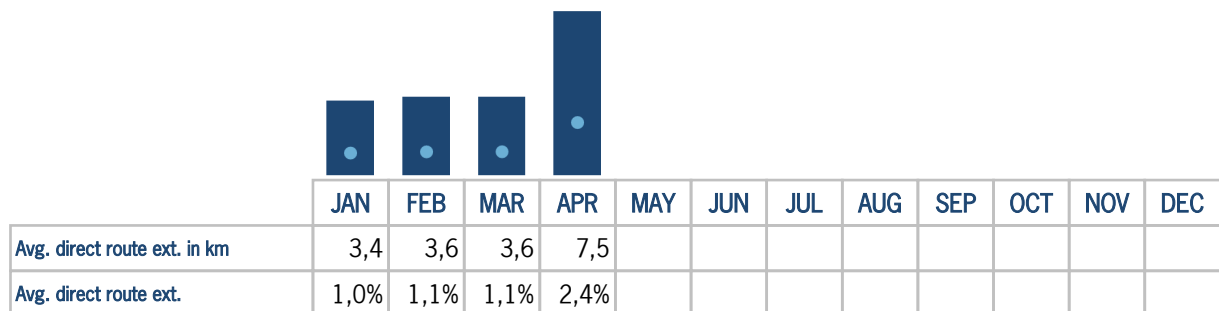
Direct route extension is defined as the difference between the length of the actual route (A) and the direct course (D) between the departure and arrival terminal areas (radius of 40 NM around the airport) or the national border where a flight enters or leaves German airspace. The direct route extension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

APR 2020	
Evaluated traffic	22.031
Average actual route / flight	316,8 km
Average direct course / flight	309,3 km
Average direct route extension / flight	7,5 km
Average direct route extension / flight	2,4%



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.



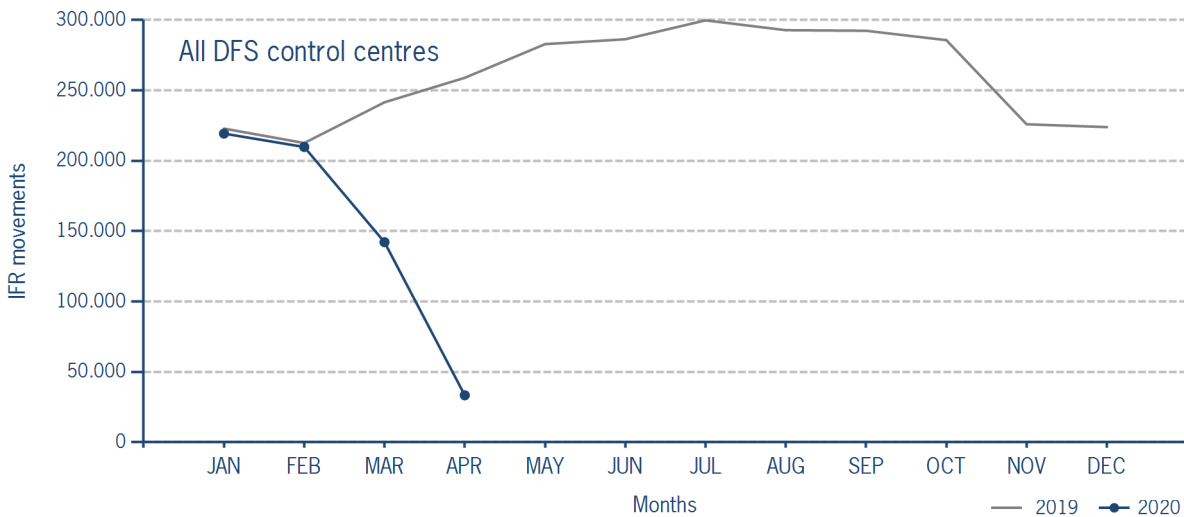
## IFR flights controlled by DFS

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

	APR 2020	APR 2019	Trend
Civil flights	30.913	255.617	-87,9%
Military flights	2.516	3.363	-25,2%
<b>Total</b>	<b>33.429</b>	<b>258.980</b>	<b>-87,1%</b>

	JAN - APR 2020	JAN - APR 2019	Trend
Civil flights	592.901	923.032	-35,8%
Military flights	11.946	13.090	-8,7%
<b>Total</b>	<b>604.847</b>	<b>936.122</b>	<b>-35,4%</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.



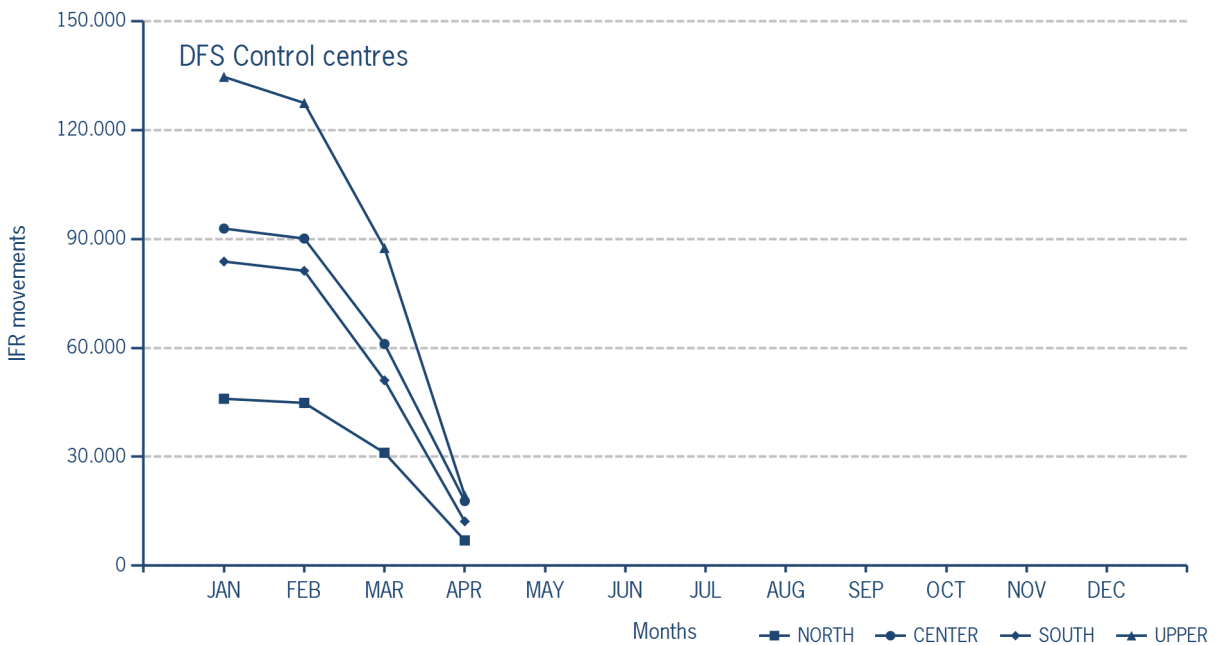
### IFR flights controlled by DFS - in detail

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

	APR 2020	APR 2019	Trend
<b>NORTH</b>	6.969	56.464	-87,7%
<b>CENTER</b>	17.812	112.285	-84,1%
<b>SOUTH</b>	12.214	97.248	-87,4%
<b>UPPER</b>	19.334	153.764	-87,4%

	JAN - APR 2020	JAN - APR 2019	Trend
<b>NORTH</b>	128.917	207.665	-37,9%
<b>CENTER</b>	261.909	404.905	-35,3%
<b>SOUTH</b>	228.315	359.752	-36,5%
<b>UPPER</b>	368.991	563.247	-34,5%

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.

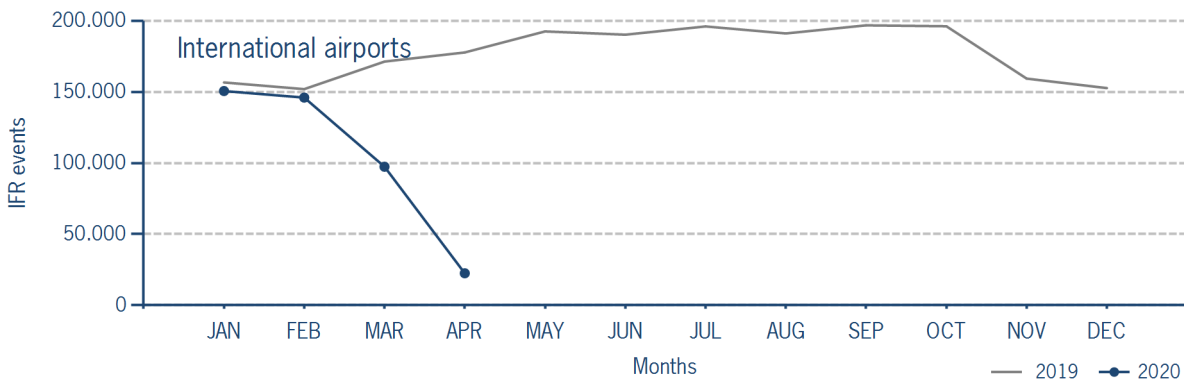
	APR 2020	APR 2019	Trend
<b>International Airports</b>	22.484	177.719	-87,3%
<b>Regional Airports</b>	2.671	14.982	-82,2%
<b>Total</b>	25.155	192.701	-86,9%

	JAN - APR 2020	JAN - APR 2019	Trend
<b>International Airports</b>	416.442	657.587	-36,7%
<b>Regional Airports</b>	32.551	50.423	-35,4%
<b>Total</b>	448.993	708.010	-36,6%

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

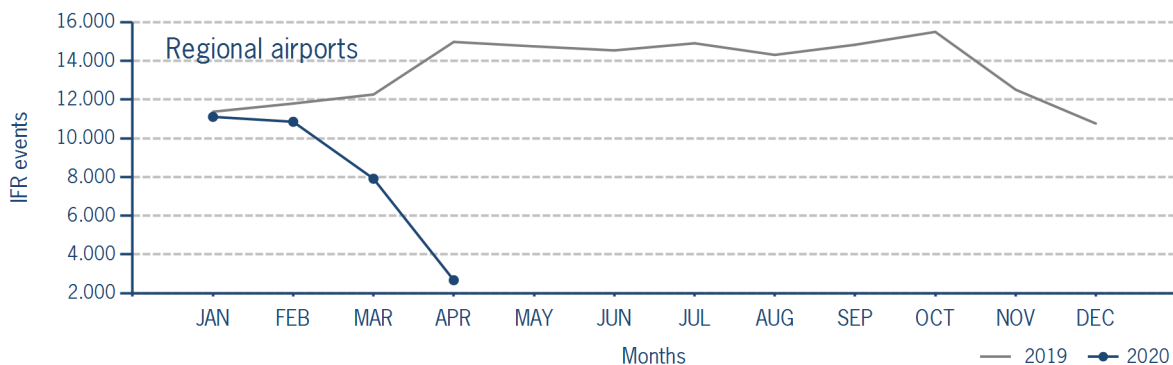
### IFR flights at international German airports

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



### IFR flights at regional German airports

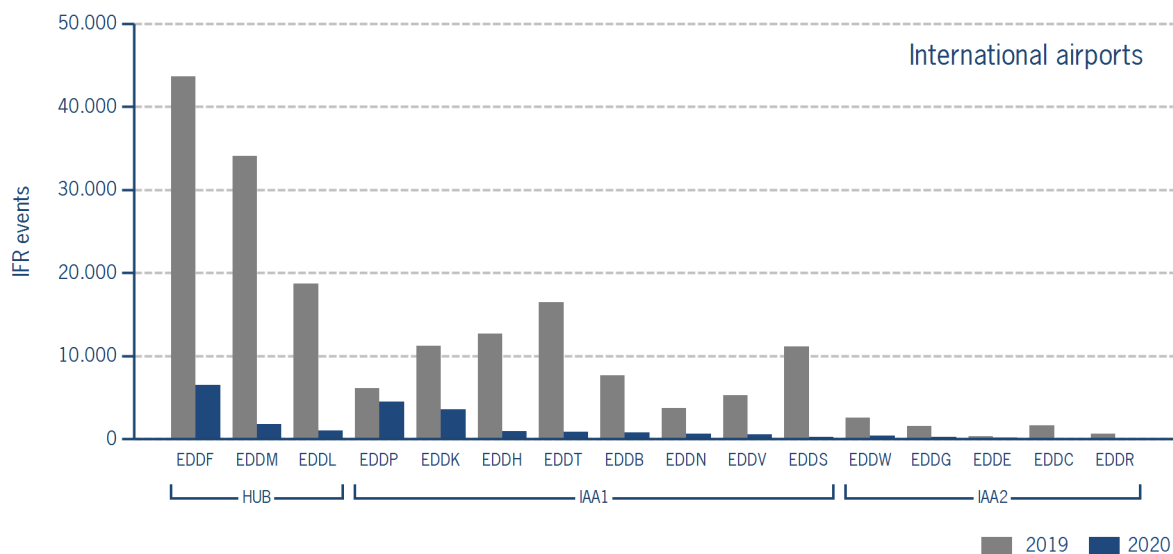
IFR events (take-offs and landings) at the different regional towers in the Federal Republic of Germany with control zone and barely any PPR.



**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).

		APR 2020	Trend	JAN - APR 2020	Trend
<b>HUB</b>					
EDDF	Frankfurt/Main	6.531	-85,0%	101.628	-36,6%
EDDL	Düsseldorf	1.024	-94,5%	41.211	-40,8%
EDDM	München	1.818	-94,7%	79.138	-38,9%
<b>IAA1</b>					
EDDB	Berlin-Schönefeld	765	-90,0%	17.480	-40,7%
EDDH	Hamburg	975	-92,3%	27.917	-39,7%
EDDK	Köln/Bonn	3.591	-68,0%	30.791	-24,8%
EDDN	Nürnberg	618	-83,4%	9.670	-33,7%
EDDP	Leipzig/Halle	4.476	-27,1%	21.083	-11,2%
EDDS	Stuttgart	274	-97,5%	23.613	-39,1%
EDDT	Berlin-Tegel	842	-94,9%	35.456	-42,9%
EDDV	Hannover	574	-89,1%	11.866	-35,6%
<b>IAA2</b>					
EDDC	Dresden	115	-93,1%	4.090	-34,7%
EDDE	Erfurt/Weimar	190	-47,8%	1.101	-14,7%
EDDG	Münster/Osnabrück	284	-82,3%	3.810	-29,7%
EDDR	Saarbrücken	34	-94,9%	1.447	-28,9%
EDDW	Bremen	373	-85,7%	6.141	-31,1%

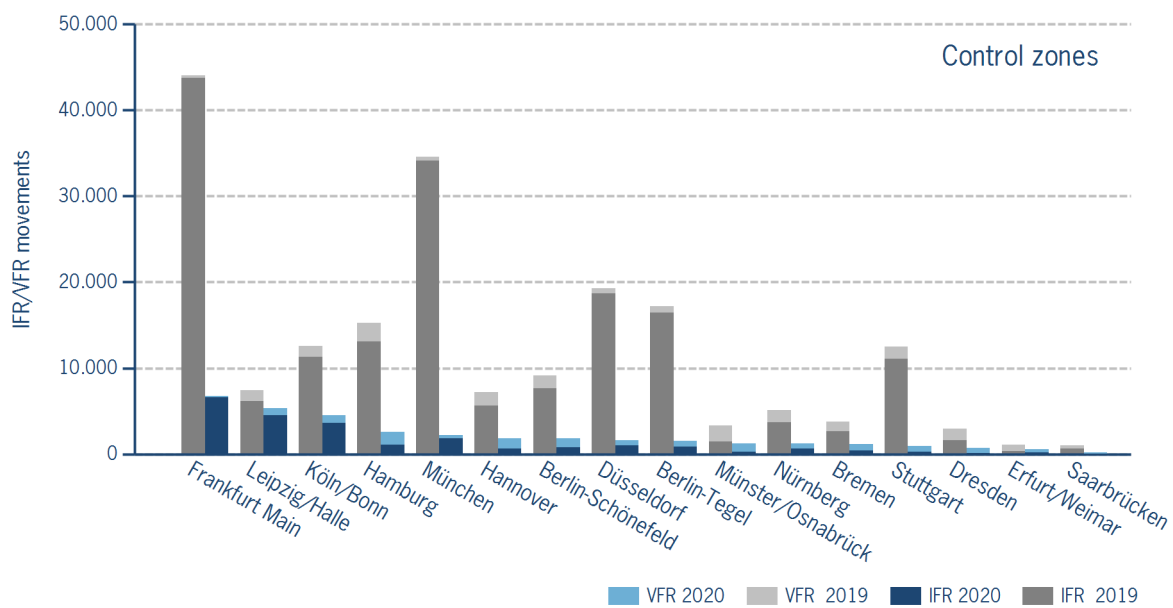


IFR/VFR flights in control zones of DFS towers

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

	APR 2020	Trend	JAN - APR 2020	Trend
Berlin-Schönefeld	1.798	-80,3%	21.221	-37,0%
Berlin-Tegel	1.549	-91,0%	37.907	-41,3%
Bremen	1.166	-69,3%	8.862	-29,3%
Dresden	748	-74,9%	6.812	-29,7%
Düsseldorf	1.586	-91,8%	43.146	-39,8%
Erfurt/Weimar	562	-46,8%	2.549	-20,9%
Frankfurt Main	6.777	-84,6%	102.993	-36,4%
Hamburg	2.575	-83,1%	33.919	-36,6%
Hannover	1.838	-74,6%	17.194	-30,1%
Köln/Bonn	4.508	-64,2%	34.252	-24,2%
Leipzig/Halle	5.367	-28,0%	24.535	-11,7%
München	2.197	-93,6%	80.679	-38,5%
Münster/Osnabrück	1.272	-61,8%	7.536	-28,1%
Nürnberg	1.222	-76,0%	12.392	-33,7%
Saarbrücken	206	-80,1%	2.406	-24,0%
Stuttgart	918	-92,7%	27.034	-37,5%

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.

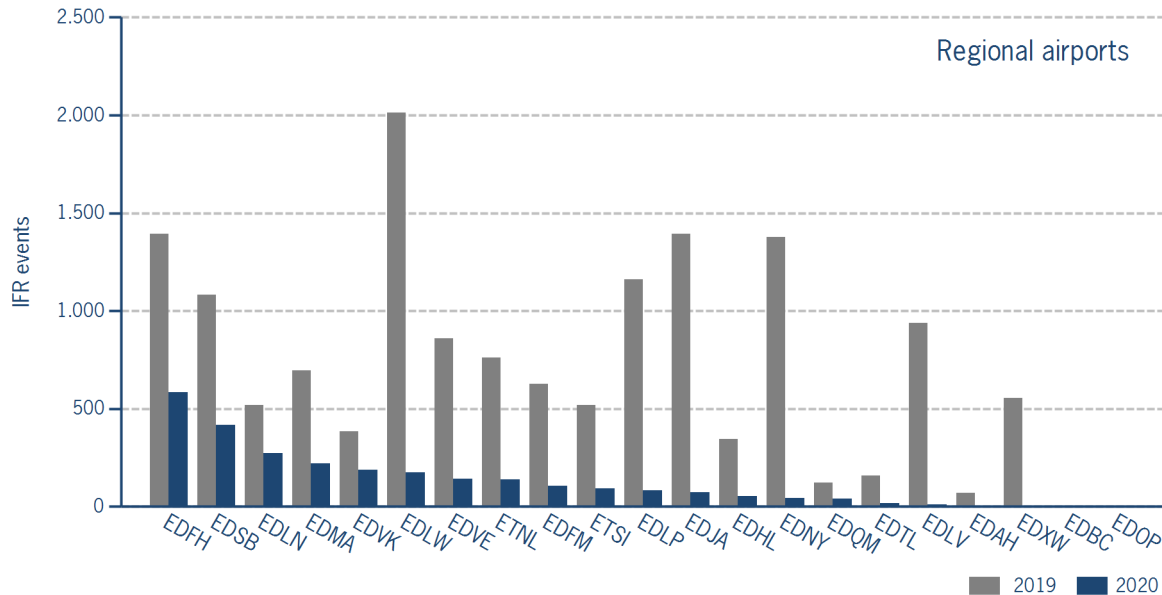
		APR 2020	Trend	JAN - APR 2020	Trend
EDAH	Heringsdorf	6	-91,4%	204	18,6%
EDBC	Magdeburg/Cochstedt	0	N/A	0	-100,0%
EDFH	Frankfurt-Hahn	586	-58,0%	3.706	-33,3%
EDFM	Mannheim City	106	-83,1%	1.382	-36,6%
EDHL	Lübeck-Blankensee	54	-84,3%	495	-47,3%
EDJA	Memmingen	75	-94,6%	3.065	-34,2%
EDLN	Mönchengladbach	273	-47,3%	1.553	-22,7%
EDLP	Paderborn/Lippstadt	82	-92,9%	1.948	-49,7%
EDLV	Niederrhein	11	-98,8%	1.250	-54,0%
EDLW	Dortmund	175	-91,3%	5.081	-30,8%
EDMA	Augsburg	221	-68,2%	1.619	-25,3%
EDNY	Friedrichshafen	44	-96,8%	2.010	-47,1%
EDOP	Schwerin-Parchim	0	-100,0%	0	-100,0%
EDQM	Hof-Plauen	40	-67,7%	308	-33,2%
EDSB	Karlsruhe/Baden-Baden	419	-61,3%	2.579	-27,2%
EDTL	Lahr	18	-88,8%	281	-45,6%
EDVE	Braunschweig-Wolfsburg	141	-83,6%	1.954	-36,9%
EDVK	Kassel-Calden	189	-50,9%	1.035	-19,8%
EDXW	Sylt	1	-99,8%	610	-53,9%
ETNL	Laage	138	-81,9%	2.268	-20,2%
ETSI	Ingolstadt/Manching	92	-82,2%	1.203	-37,3%

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



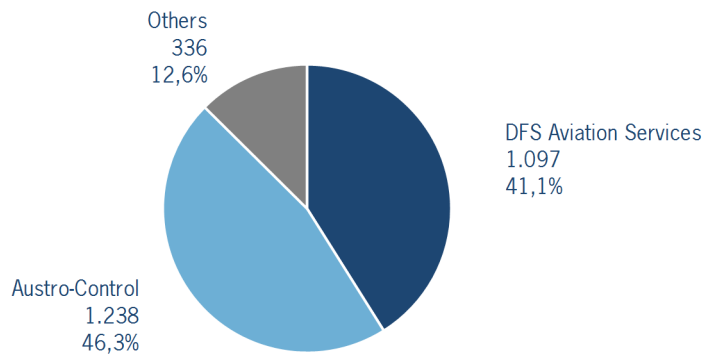
### IFR flights at regional German airports - in detail

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)