



LIZ Air traffic statistics

OCT 2020

DFS Situation and Information Centre

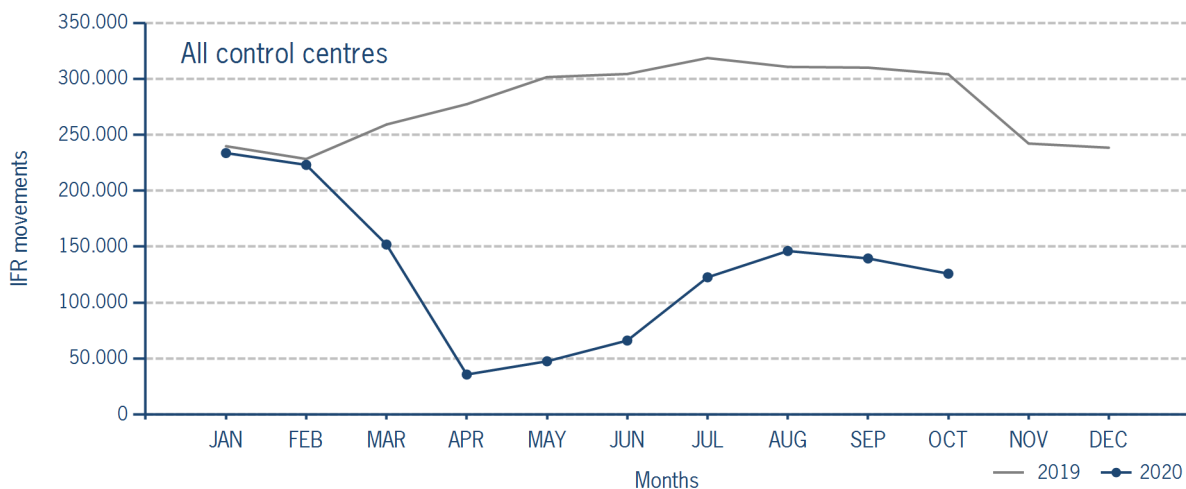
Version 05.11.2020

IFR flights in the Federal Republic of Germany

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

	OCT 2020	OCT 2019	Trend
Civil flights	121.561	299.960	-59,5%
Military flights	4.287	4.152	3,2%
Total	125.848	304.112	-58,6%

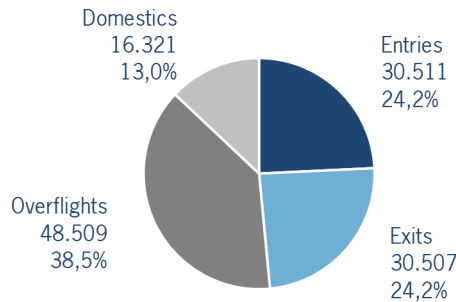
	JAN - OCT 2020	JAN - OCT 2019	Trend
Civil flights	1.256.354	2.818.134	-55,4%
Military flights	35.820	36.091	-0,8%
Total	1.292.174	2.854.225	-54,7%



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.

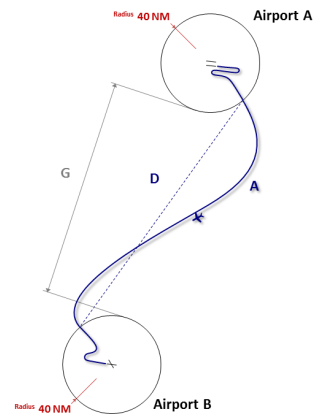


Please note: This count covers the traffic in the area build by all control sectors with a German designator („ED“), regardless of the service provider, including civil and military traffic in sectors controlled by DFS and Maastricht UAC (Maastricht-Hannover sectors). The area counted is composed of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

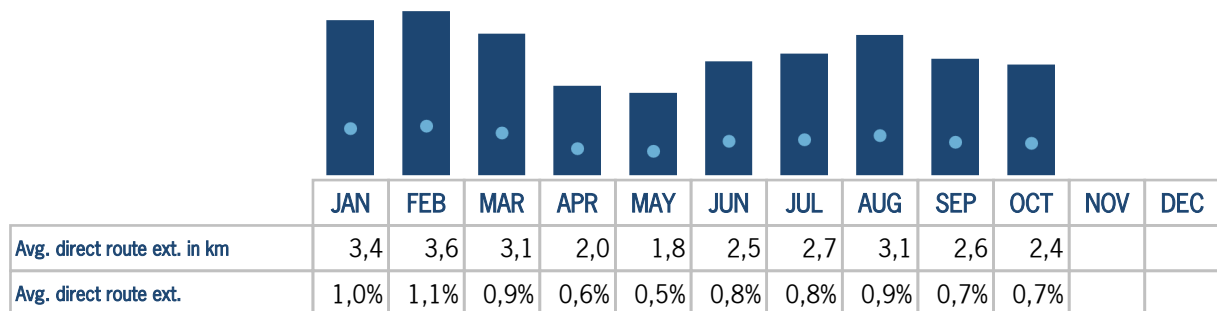
Direct route extension is defined as the difference between the length of the actual route (A) and the direct course (D) between the departure and arrival terminal areas (radius of 40 NM around the airport) or the national border where a flight enters or leaves German airspace. The direct route extension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

OCT 2020	
Evaluated traffic	106.449
Average actual route / flight	346,4 km
Average direct course / flight	343,9 km
Average direct route extension / flight	2,4 km
Average direct route extension / flight	0,7%



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.



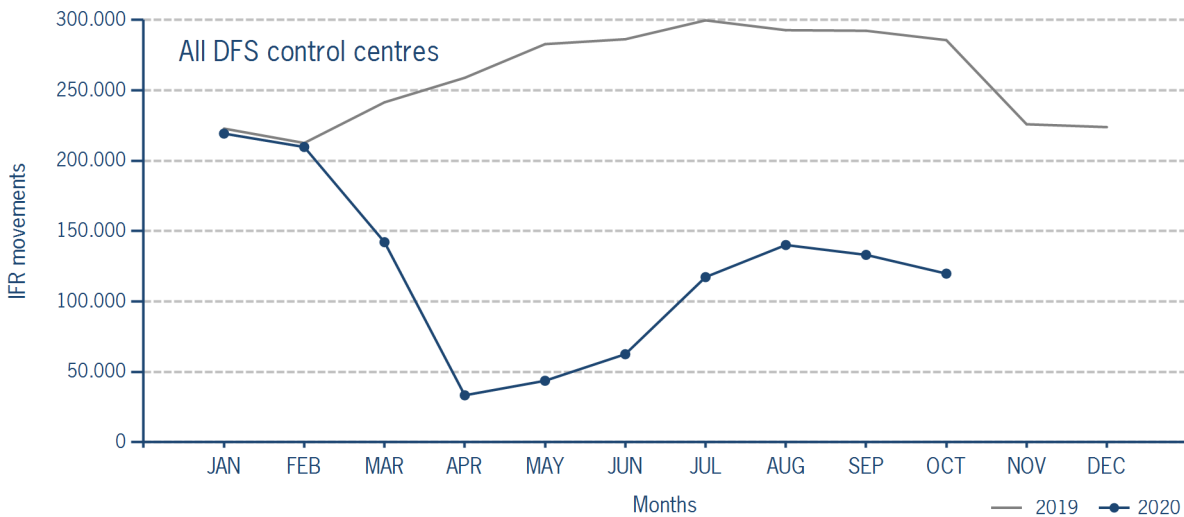
IFR flights controlled by DFS

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

	OCT 2020	OCT 2019	Trend
Civil flights	115.610	281.629	-58,9%
Military flights	4.253	4.115	3,4%
Total	119.863	285.744	-58,1%

	JAN - OCT 2020	JAN - OCT 2019	Trend
Civil flights	1.186.338	2.640.178	-55,1%
Military flights	35.541	36.013	-1,3%
Total	1.221.879	2.676.191	-54,3%

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.



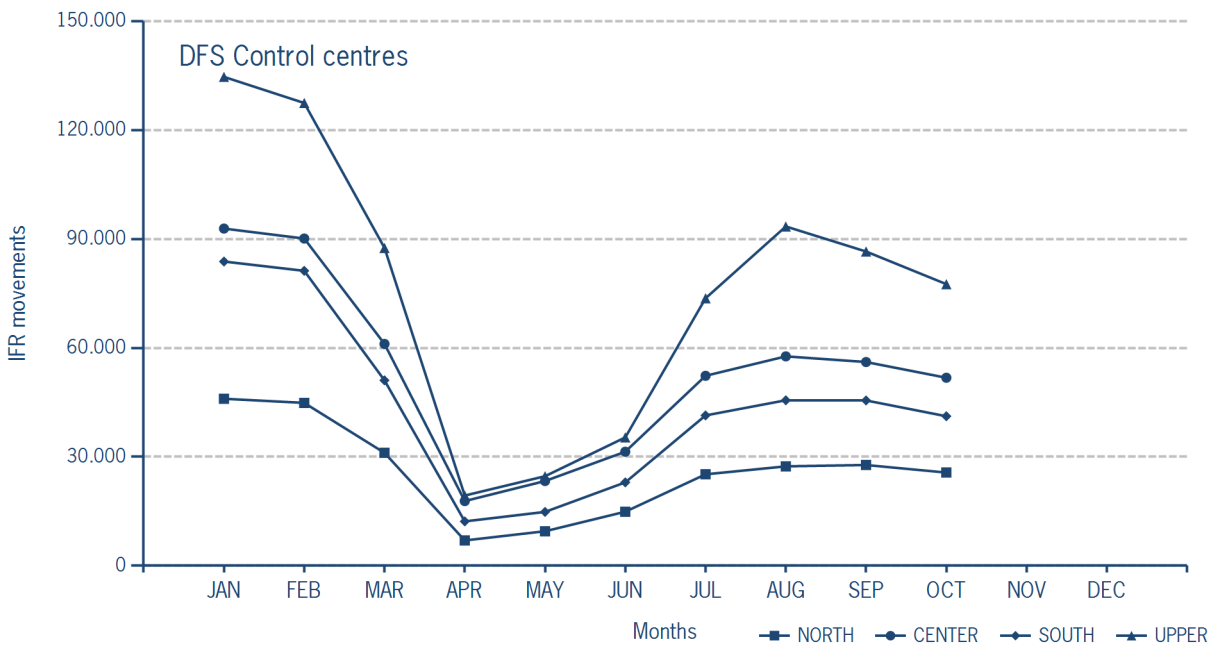
IFR flights controlled by DFS - in detail

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

	OCT 2020	OCT 2019	Trend
NORTH	25.664	61.222	-58,1%
CENTER	51.788	122.662	-57,8%
SOUTH	41.180	109.592	-62,4%
UPPER	77.561	161.086	-51,9%

	JAN - OCT 2020	JAN - OCT 2019	Trend
NORTH	259.285	570.509	-54,6%
CENTER	534.548	1.139.941	-53,1%
SOUTH	439.801	1.014.611	-56,7%
UPPER	760.238	1.549.187	-50,9%

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.

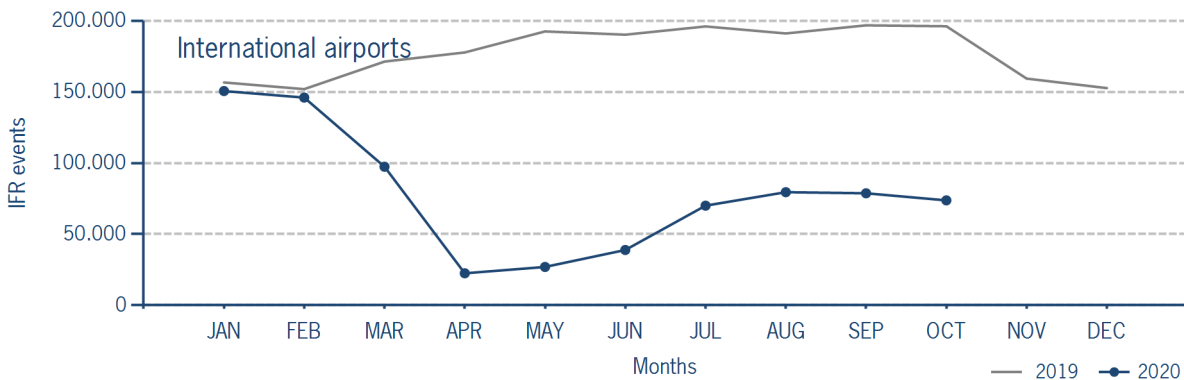
	OCT 2020	OCT 2019	Trend
International Airports	73.751	196.142	-62,4%
Regional Airports	10.656	15.500	-31,3%
Total	84.407	211.642	-60,1%

	JAN - OCT 2020	JAN - OCT 2019	Trend
International Airports	784.272	1.820.271	-56,9%
Regional Airports	91.617	139.277	-34,2%
Total	875.889	1.959.548	-55,3%

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

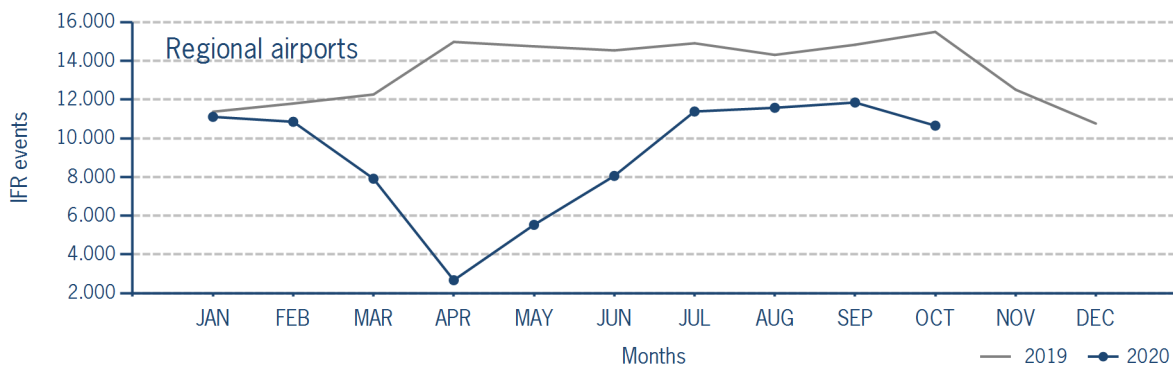
IFR flights at international German airports

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



IFR flights at regional German airports

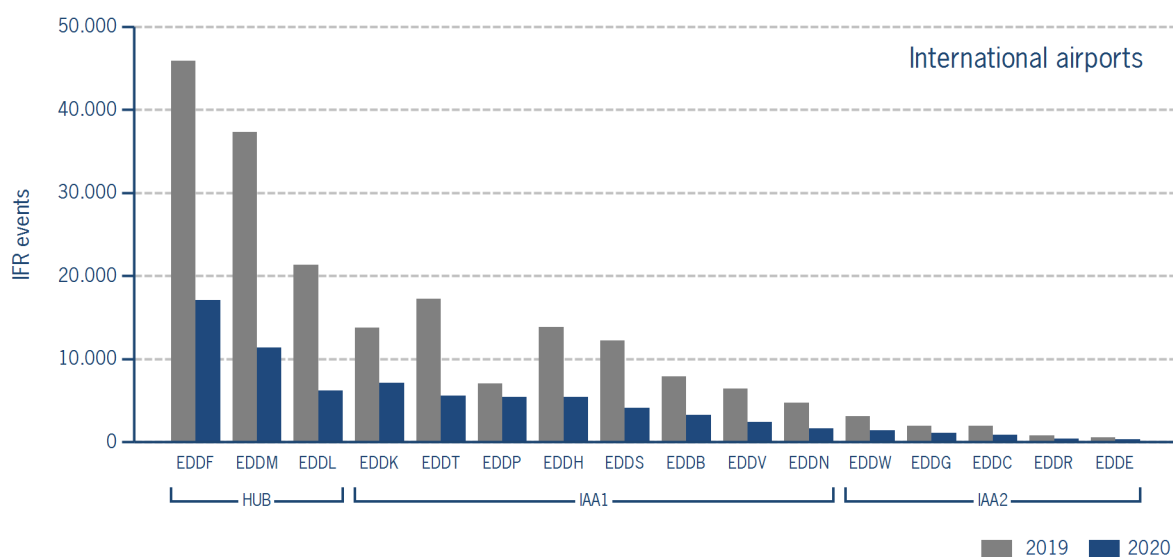
IFR events (take-offs and landings) at the different regional towers in the Federal Republic of Germany with control zone and barely any PPR.



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).

		OCT 2020	Trend	JAN - OCT 2020	Trend
HUB					
EDDF	Frankfurt/Main	17.104	-62,8%	185.895	-57,6%
EDDL	Düsseldorf	6.178	-71,1%	72.354	-62,6%
EDDM	München	11.341	-69,6%	132.055	-62,5%
IAA1					
EDDB	Berlin-Schönefeld	3.298	-58,3%	34.641	-55,0%
EDDH	Hamburg	5.416	-60,8%	54.337	-57,4%
EDDK	Köln/Bonn	7.098	-48,6%	68.629	-43,5%
EDDN	Nürnberg	1.611	-65,8%	18.351	-56,5%
EDDP	Leipzig/Halle	5.429	-23,3%	51.204	-19,5%
EDDS	Stuttgart	4.149	-66,0%	45.196	-60,3%
EDDT	Berlin-Tegel	5.574	-67,7%	59.852	-63,7%
EDDV	Hannover	2.398	-62,7%	24.461	-56,3%
IAA2					
EDDC	Dresden	892	-53,8%	7.998	-54,4%
EDDE	Erfurt/Weimar	363	-32,7%	3.129	-23,5%
EDDG	Münster/Osnabrück	1.081	-44,4%	9.327	-42,0%
EDDR	Saarbrücken	421	-48,8%	3.516	-49,0%
EDDW	Bremen	1.398	-55,1%	13.327	-47,7%

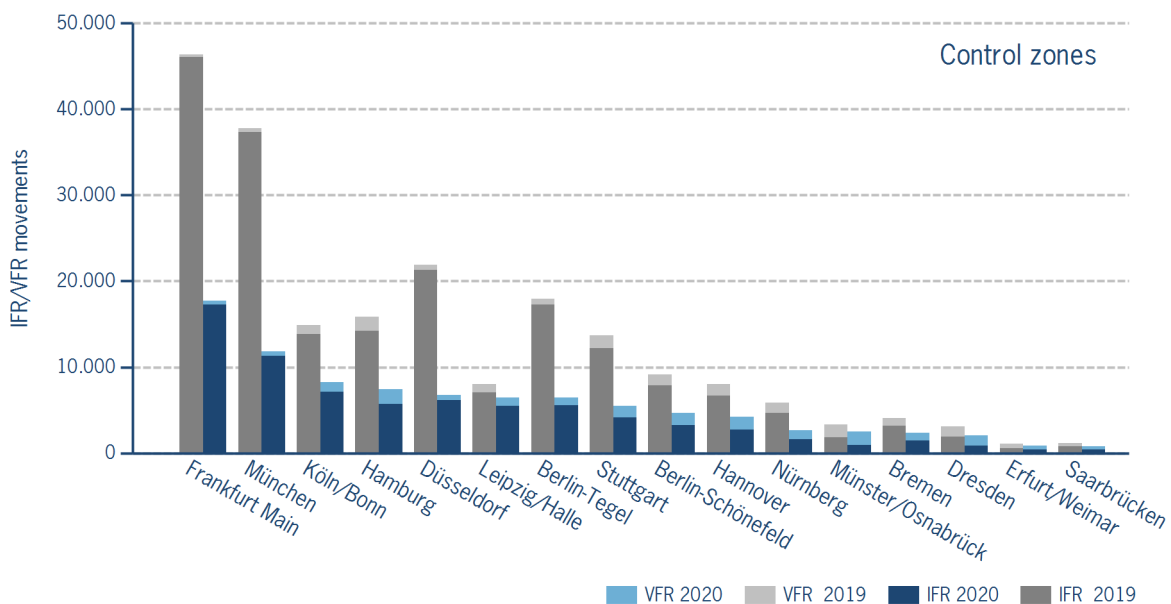


IFR/VFR flights in control zones of DFS towers

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

	OCT 2020	Trend	JAN - OCT 2020	Trend
Berlin-Schönefeld	4.664	-49,1%	47.936	-47,2%
Berlin-Tegel	6.448	-64,1%	67.775	-60,6%
Bremen	2.366	-41,7%	23.243	-36,6%
Dresden	2.032	-34,7%	19.408	-35,7%
Düsseldorf	6.748	-69,1%	79.032	-60,4%
Erfurt/Weimar	872	-17,6%	8.468	-22,8%
Frankfurt Main	17.725	-61,7%	191.141	-56,8%
Hamburg	7.425	-53,1%	76.518	-49,4%
Hannover	4.242	-47,2%	43.716	-41,2%
Köln/Bonn	8.240	-44,8%	80.780	-39,9%
Leipzig/Halle	6.488	-19,1%	61.907	-17,6%
München	11.803	-68,8%	137.140	-61,6%
Münster/Osnabrück	2.517	-25,0%	25.076	-22,5%
Nürnberg	2.634	-55,0%	29.306	-46,7%
Saarbrücken	778	-32,3%	7.159	-34,4%
Stuttgart	5.494	-59,8%	58.364	-54,5%

Additional information: Münster reported 92 glider movements for the current month, i.e. 3.154 glider movements for the cumulated year.



IFR flights at regional German airports - in detail

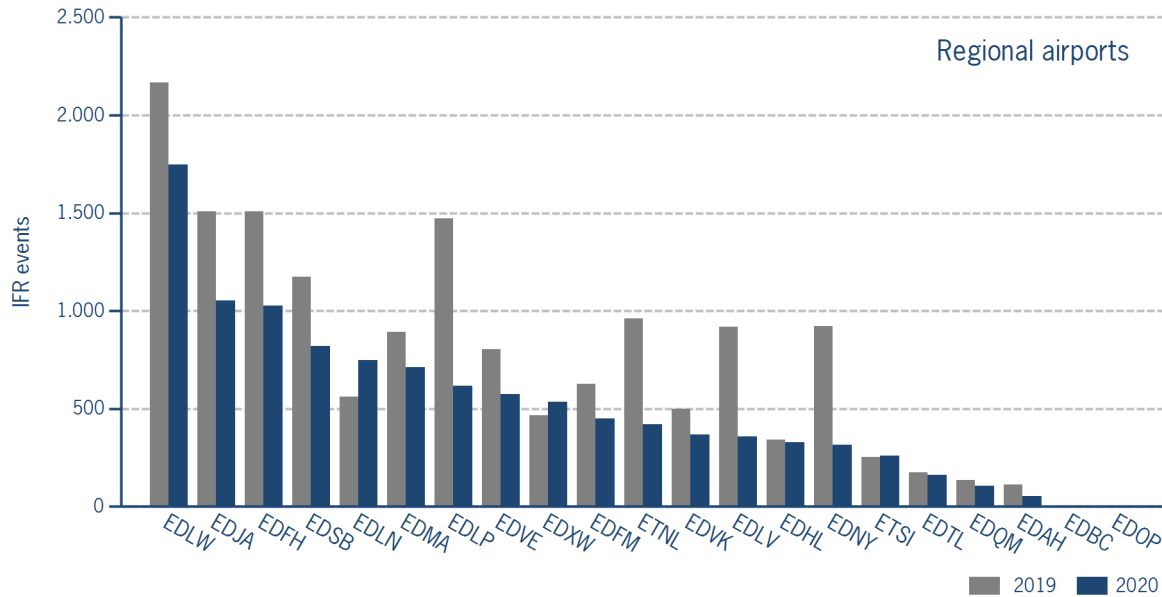
IFR events (take-offs and landings) at the different regional towers in the Federal Republic of Germany with control zone and barely any PPR.

		OCT 2020	Trend	JAN - OCT 2020	Trend
EDAH	Heringsdorf	53	-53,1%	534	-39,0%
EDBC	Magdeburg/Cochstedt	0	N/A	0	-100,0%
EDFH	Frankfurt-Hahn	1.026	-32,0%	9.551	-31,4%
EDFM	Mannheim City	450	-28,1%	4.019	-29,8%
EDHL	Lübeck-Blankensee	329	-3,8%	2.043	-13,7%
EDJA	Memmingen	1.052	-30,2%	8.517	-33,9%
EDLN	Mönchengladbach	749	33,0%	5.821	6,7%
EDLP	Paderborn/Lippstadt	616	-58,2%	4.877	-58,5%
EDLV	Niederrhein	357	-61,2%	3.268	-60,6%
EDLW	Dortmund	1.746	-19,4%	14.254	-29,4%
EDMA	Augsburg	713	-20,0%	5.853	-7,8%
EDNY	Friedrichshafen	315	-65,8%	3.998	-57,2%
EDOP	Schwerin-Parchim	0	N/A	0	-100,0%
EDQM	Hof-Plauen	105	-23,4%	1.172	-10,1%
EDSB	Karlsruhe/Baden-Baden	819	-30,2%	7.364	-32,1%
EDTL	Lahr	162	-8,0%	1.032	-21,9%
EDVE	Braunschweig-Wolfsburg	575	-28,4%	4.545	-41,2%
EDVK	Kassel-Calden	369	-25,9%	3.305	-20,4%
EDXW	Sylt	537	15,2%	4.711	-12,1%
ETNL	Laage	422	-56,0%	4.295	-39,6%
ETSI	Ingolstadt/Manching	261	2,4%	2.458	-42,3%

*The value is of limited conclusiveness (OLC).

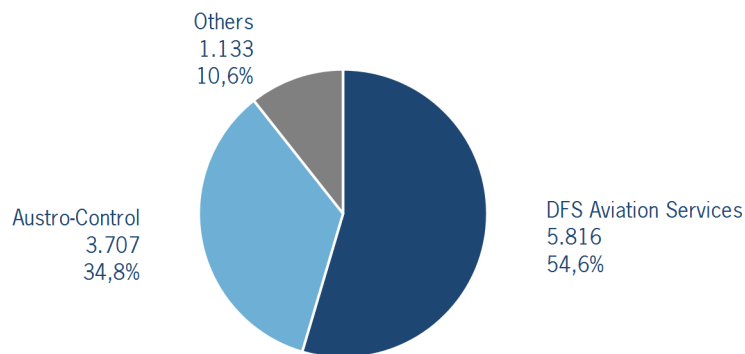
IFR flights at regional German airports - in detail

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)