



LIZ Air traffic statistics

NOV 2020

DFS Situation and Information Centre

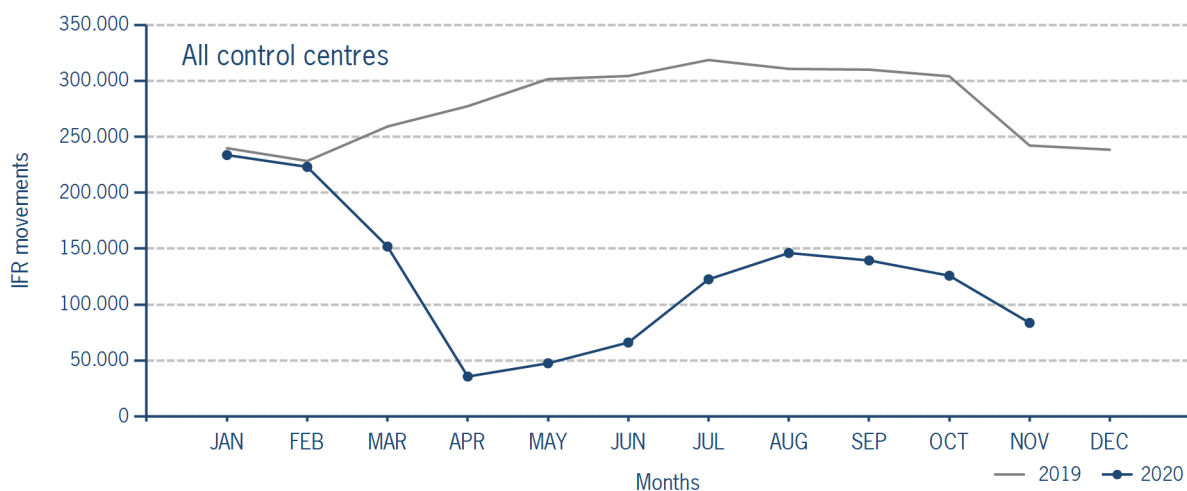
Version 08.12.2020

IFR flights in the Federal Republic of Germany

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

	NOV 2020	NOV 2019	Trend
Civil flights	79.957	238.645	-66,5%
Military flights	3.722	3.546	5,0%
Total	83.679	242.191	-65,4%

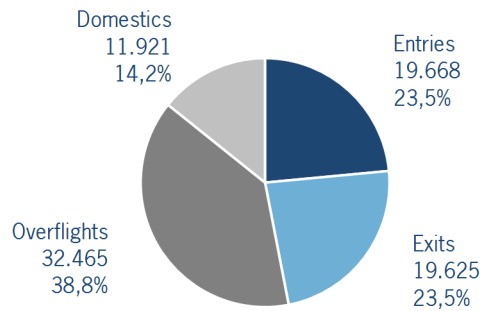
	JAN - NOV 2020	JAN - NOV 2019	Trend
Civil flights	1.336.311	3.056.779	-56,3%
Military flights	39.542	39.637	-0,2%
Total	1.375.853	3.096.416	-55,6%



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.

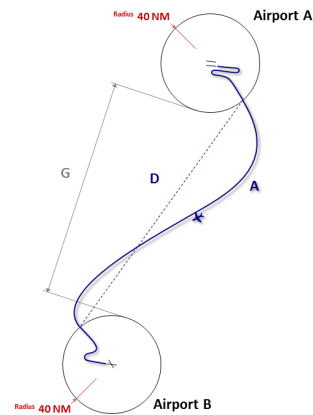


Please note: This count covers the traffic in the area build by all control sectors with a German designator („ED“), regardless of the service provider, including civil and military traffic in sectors controlled by DFS and Maastricht UAC (Maastricht-Hannover sectors). The area counted is composed of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

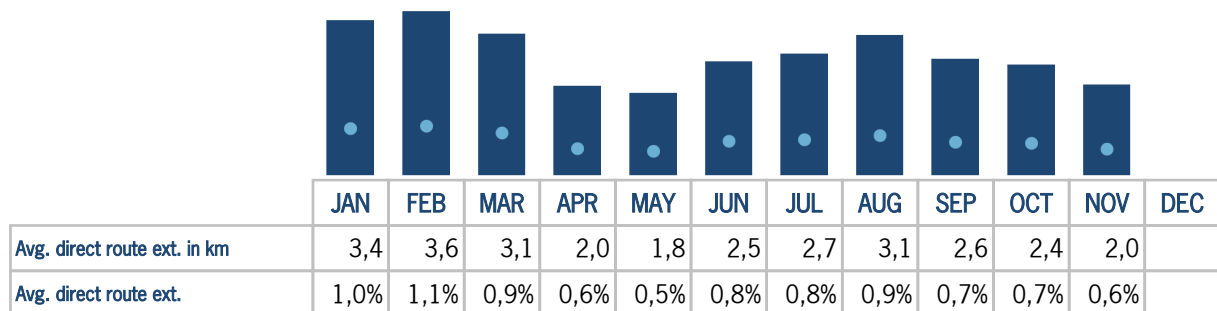
Direct route extension is defined as the difference between the length of the actual route (A) and the direct course (D) between the departure and arrival terminal areas (radius of 40 NM around the airport) or the national border where a flight enters or leaves German airspace. The direct route extension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

NOV 2020	
Evaluated traffic	68.953
Average actual route / flight	344,3 km
Average direct course / flight	342,3 km
Average direct route extension / flight	2,0 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.



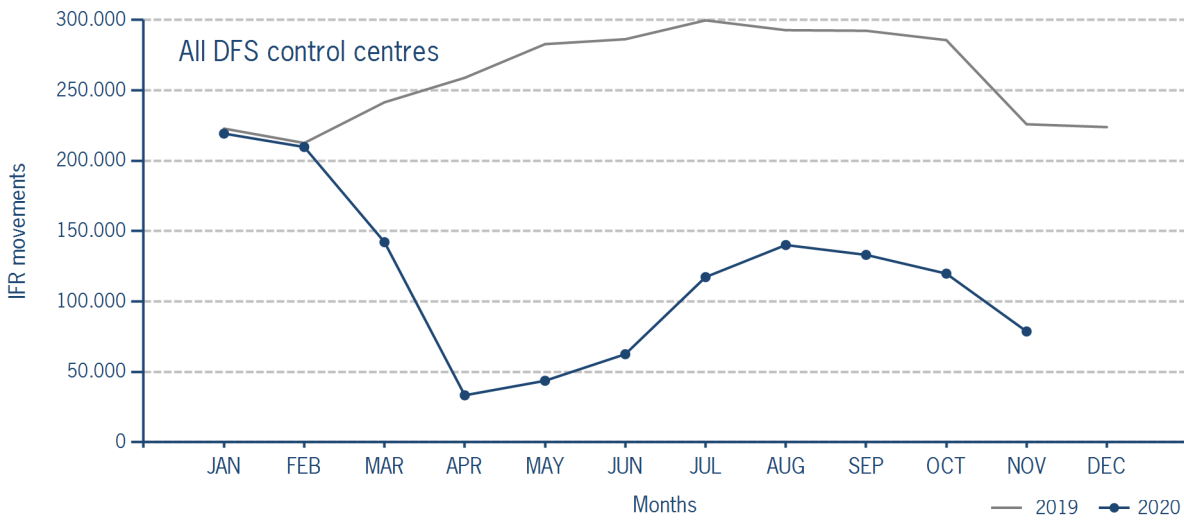
IFR flights controlled by DFS

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

	NOV 2020	NOV 2019	Trend
Civil flights	75.053	222.459	-66,3%
Military flights	3.721	3.506	6,1%
Total	78.774	225.965	-65,1%

	JAN - NOV 2020	JAN - NOV 2019	Trend
Civil flights	1.261.391	2.862.637	-55,9%
Military flights	39.262	39.519	-0,7%
Total	1.300.653	2.902.156	-55,2%

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.



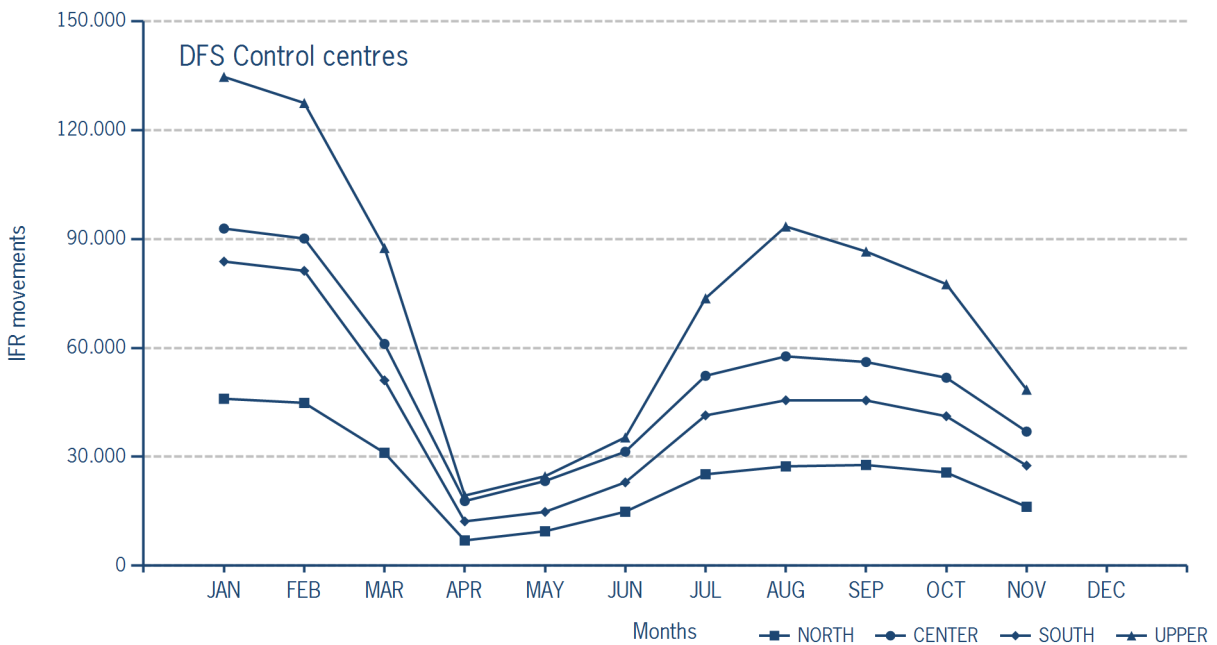
IFR flights controlled by DFS - in detail

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

	NOV 2020	NOV 2019	Trend
NORTH	16.236	49.144	-67,0%
CENTER	36.951	98.970	-62,7%
SOUTH	27.589	86.158	-68,0%
UPPER	48.522	132.471	-63,4%

	JAN - NOV 2020	JAN - NOV 2019	Trend
NORTH	275.521	619.653	-55,5%
CENTER	571.499	1.238.911	-53,9%
SOUTH	467.390	1.100.769	-57,5%
UPPER	808.760	1.681.658	-51,9%

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.

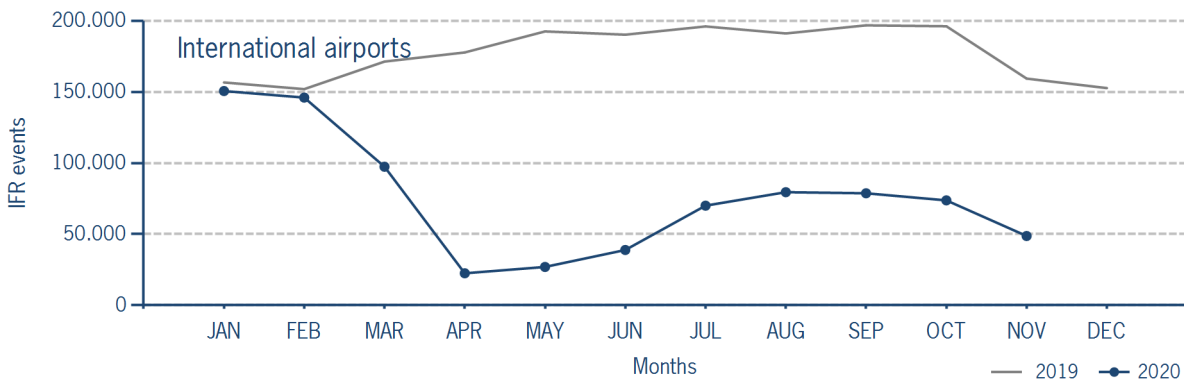
	NOV 2020	NOV 2019	Trend
International Airports	48.713	159.356	-69,4%
Regional Airports	7.238	12.517	-42,2%
Total	55.951	171.873	-67,4%

	JAN - NOV 2020	JAN - NOV 2019	Trend
International Airports	832.985	1.979.627	-57,9%
Regional Airports	98.855	151.794	-34,9%
Total	931.840	2.131.421	-56,3%

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

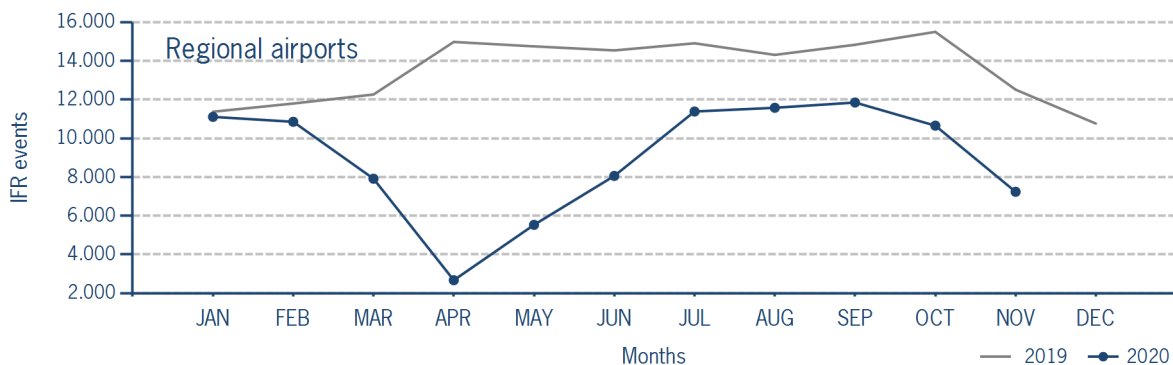
IFR flights at international German airports

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



IFR flights at regional German airports

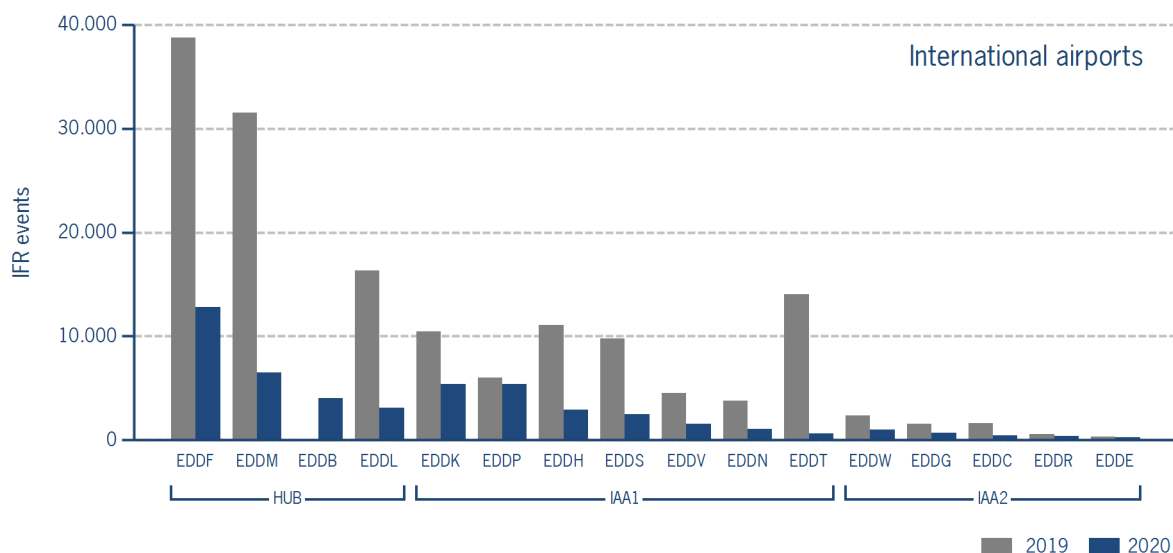
IFR events (take-offs and landings) at the different regional towers in the Federal Republic of Germany with control zone and barely any PPR.



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).

		NOV 2020	Trend	JAN - NOV 2020	Trend
HUB					
EDDB	Berlin-Brandenburg	3.727	N/A	3.727	N/A
EDDF	Frankfurt/Main	12.814	-67,0%	198.709	-58,4%
EDDL	Düsseldorf	3.109	-81,0%	75.463	-64,1%
EDDM	München	6.509	-79,3%	138.564	-63,9%
IAA1					
EDDB	Berlin-Schönefeld	322	N/A	34.963	N/A
EDDH	Hamburg	2.927	-73,6%	57.264	-58,7%
EDDK	Köln/Bonn	5.422	-48,2%	74.051	-43,9%
EDDN	Nürnberg	1.048	-72,3%	19.399	-57,8%
EDDP	Leipzig/Halle	5.379	-10,4%	56.583	-18,7%
EDDS	Stuttgart	2.461	-74,9%	47.657	-61,4%
EDDT	Berlin-Tegel	646	-95,4%	60.498	-66,1%
EDDV	Hannover	1.543	-65,8%	26.004	-57,0%
IAA2					
EDDC	Dresden	445	-73,0%	8.443	-56,0%
EDDE	Erfurt/Weimar	278	-16,0%	3.407	-22,9%
EDDG	Münster/Osnabrück	713	-55,3%	10.040	-43,2%
EDDR	Saarbrücken	367	-36,2%	3.883	-48,0%
EDDW	Bremen	1.003	-57,6%	14.330	-48,5%

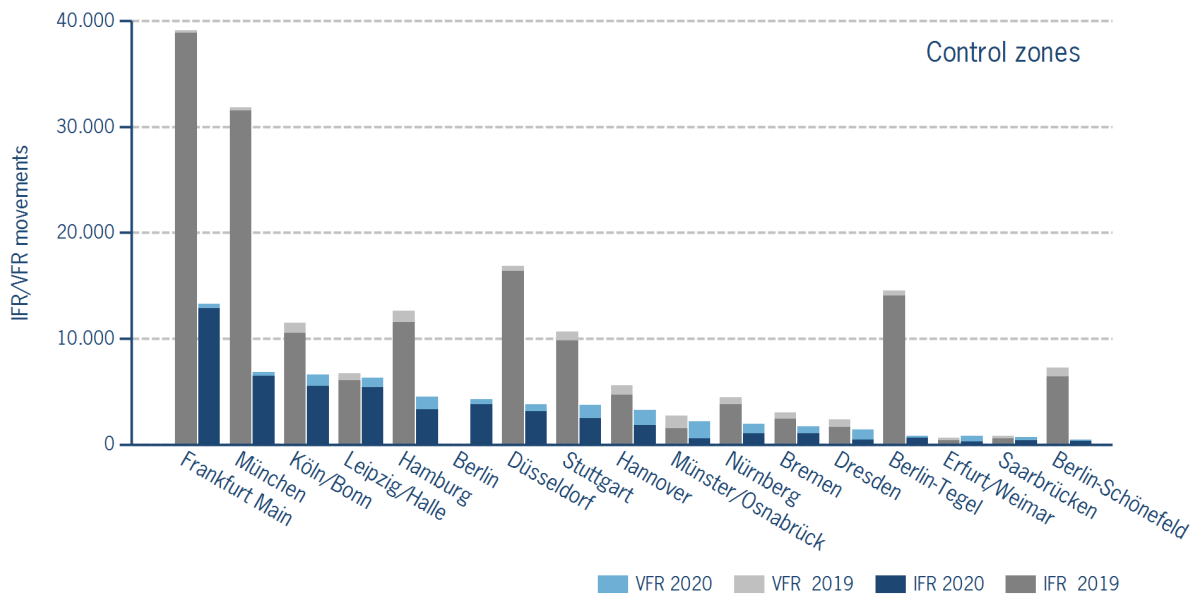


IFR/VFR flights in control zones of DFS towers

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

	NOV 2020	Trend	JAN - NOV 2020	Trend
Berlin	4.255	N/A	4.255	N/A
Berlin-Schönefeld	429	N/A	48.365	N/A
Berlin-Tegel	834	-94,3%	68.609	-63,2%
Bremen	1.700	-44,0%	24.943	-37,1%
Dresden	1.434	-38,7%	20.842	-35,9%
Düsseldorf	3.814	-77,4%	82.846	-61,7%
Erfurt/Weimar	782	20,9%	9.250	-20,4%
Frankfurt Main	13.311	-66,0%	204.452	-57,6%
Hamburg	4.526	-64,2%	81.044	-50,5%
Hannover	3.280	-41,2%	46.996	-41,2%
Köln/Bonn	6.616	-42,6%	87.396	-40,1%
Leipzig/Halle	6.270	-6,3%	68.177	-16,6%
München	6.854	-78,5%	143.994	-63,0%
Münster/Osnabrück	2.187	-18,8%	27.263	-22,2%
Nürnberg	1.953	-56,0%	31.259	-47,4%
Saarbrücken	690	-13,1%	7.849	-33,0%
Stuttgart	3.759	-64,8%	62.123	-55,3%

Additional information: Münster reported no glider movements for the current month, i.e. 3.154 glider movements for the cumulated year.



IFR flights at regional German airports - in detail

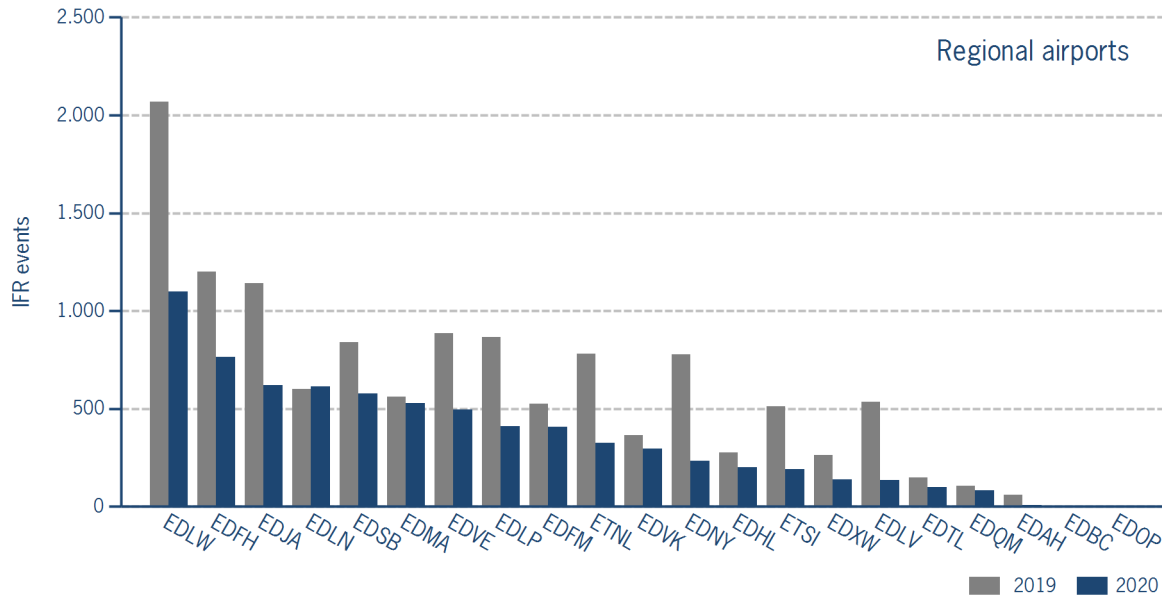
IFR events (take-offs and landings) at the different regional towers in the Federal Republic of Germany with control zone and barely any PPR.

		NOV 2020	Trend	JAN - NOV 2020	Trend
EDAH	Heringsdorf	8	-86,7%	542	-42,1%
EDBC	Magdeburg/Cochstedt	0	N/A	0	-100,0%
EDFH	Frankfurt-Hahn	766	-36,2%	10.317	-31,8%
EDFM	Mannheim City	408	-22,4%	4.427	-29,2%
EDHL	Lübeck-Blankensee	201	-27,7%	2.244	-15,2%
EDJA	Memmingen	622	-45,5%	9.139	-34,8%
EDLN	Mönchengladbach	613	2,2%	6.434	6,3%
EDLP	Paderborn/Lippstadt	412	-52,4%	5.289	-58,1%
EDLV	Niederrhein	136	-74,7%	3.404	-61,5%
EDLW	Dortmund	1.100	-46,8%	15.354	-31,1%
EDMA	Augsburg	529	-5,7%	6.382	-7,6%
EDNY	Friedrichshafen	233	-70,1%	4.231	-58,2%
EDOP	Schwerin-Parchim	0	N/A	0	-100,0%
EDQM	Hof-Plauen	82	-21,9%	1.254	-10,9%
EDSB	Karlsruhe/Baden-Baden	579	-31,1%	7.943	-32,0%
EDTL	Lahr	101	-31,8%	1.133	-22,9%
EDVE	Braunschweig-Wolfsburg	495	-44,1%	5.040	-41,5%
EDVK	Kassel-Calden	295	-19,0%	3.600	-20,2%
EDXW	Sylt	140	-47,2%	4.851	-13,7%
ETNL	Laage	327	-58,1%	4.622	-41,4%
ETSI	Ingolstadt/Manching	191	-62,6%	2.649	-44,5%

*The value is of limited conclusiveness (OLC).

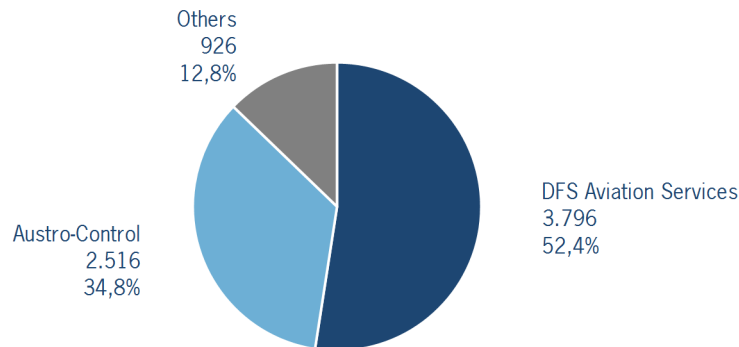
IFR flights at regional German airports - in detail

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)