



LIZ Air traffic statistics

DEC 2020

DFS Situation and Information Centre

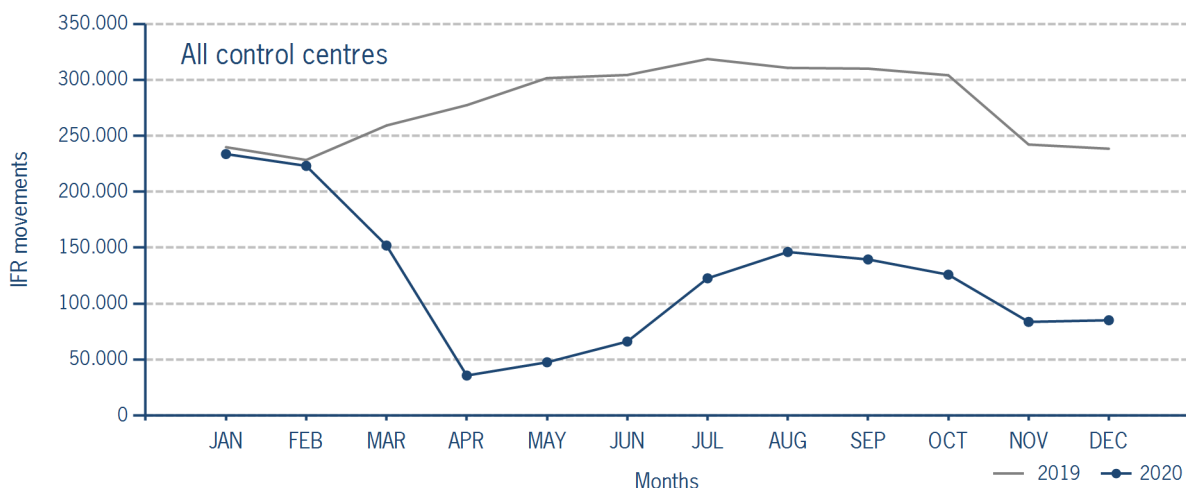
Version 05.01.2021

IFR flights in the Federal Republic of Germany

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

	DEC 2020	DEC 2019	Trend
Civil flights	82.505	235.865	-65,0%
Military flights	2.611	2.584	1,0%
Total	85.116	238.449	-64,3%

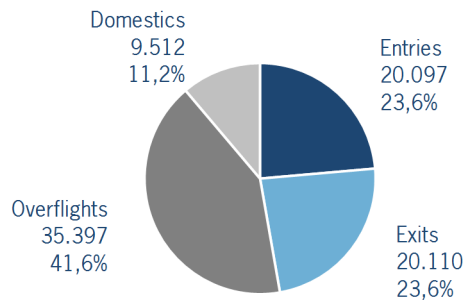
	2020	2019	Trend
Civil flights	1.418.619	3.292.207	-56,9%
Military flights	42.149	42.217	-0,2%
Total	1.460.768	3.334.424	-56,2%



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.

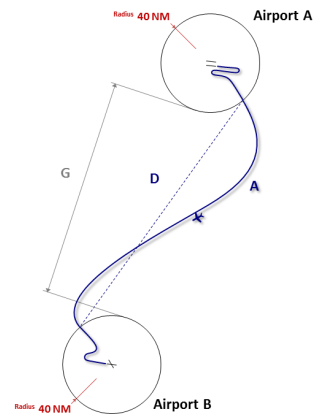


Please note: This count covers the traffic in the area build by all control sectors with a German designator („ED“), regardless of the service provider, including civil and military traffic in sectors controlled by DFS and Maastricht UAC (Maastricht-Hannover sectors). The area counted is composed of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

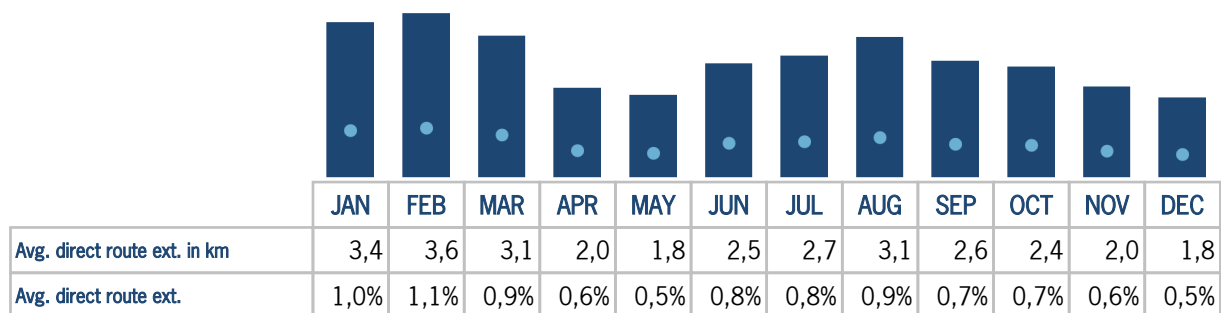
Direct route extension is defined as the difference between the length of the actual route (A) and the direct course (D) between the departure and arrival terminal areas (radius of 40 NM around the airport) or the national border where a flight enters or leaves German airspace. The direct route extension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

DEC 2020	
Evaluated traffic	71.424
Average actual route / flight	347,8 km
Average direct course / flight	346,1 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.



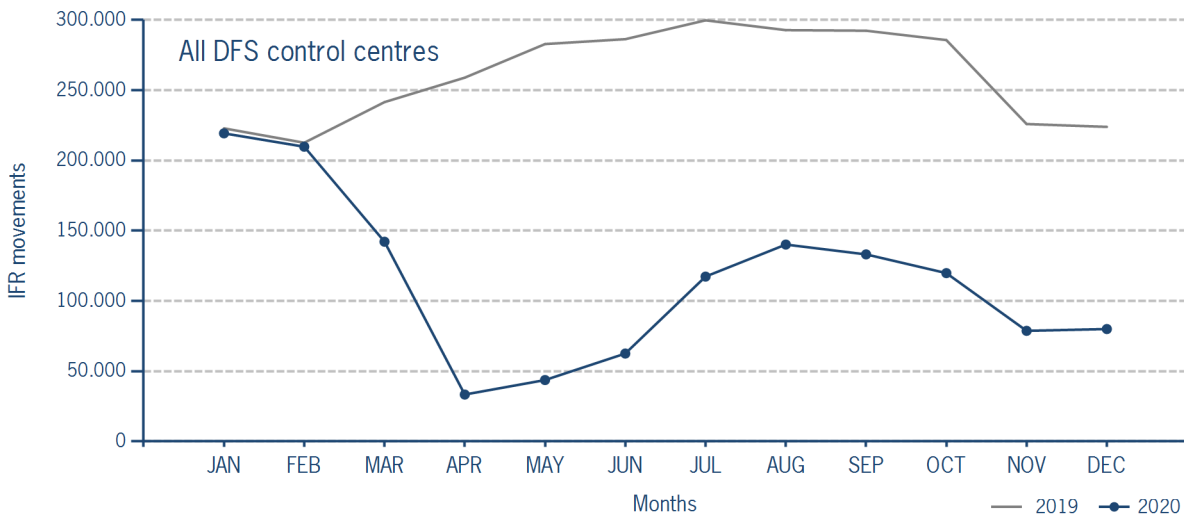
IFR flights controlled by DFS

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

	DEC 2020	DEC 2019	Trend
Civil flights	77.443	221.394	-65,0%
Military flights	2.620	2.557	2,5%
Total	80.063	223.951	-64,2%

	2020	2019	Trend
Civil flights	1.338.669	3.083.661	-56,6%
Military flights	41.878	42.073	-0,5%
Total	1.380.547	3.125.734	-55,8%

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.



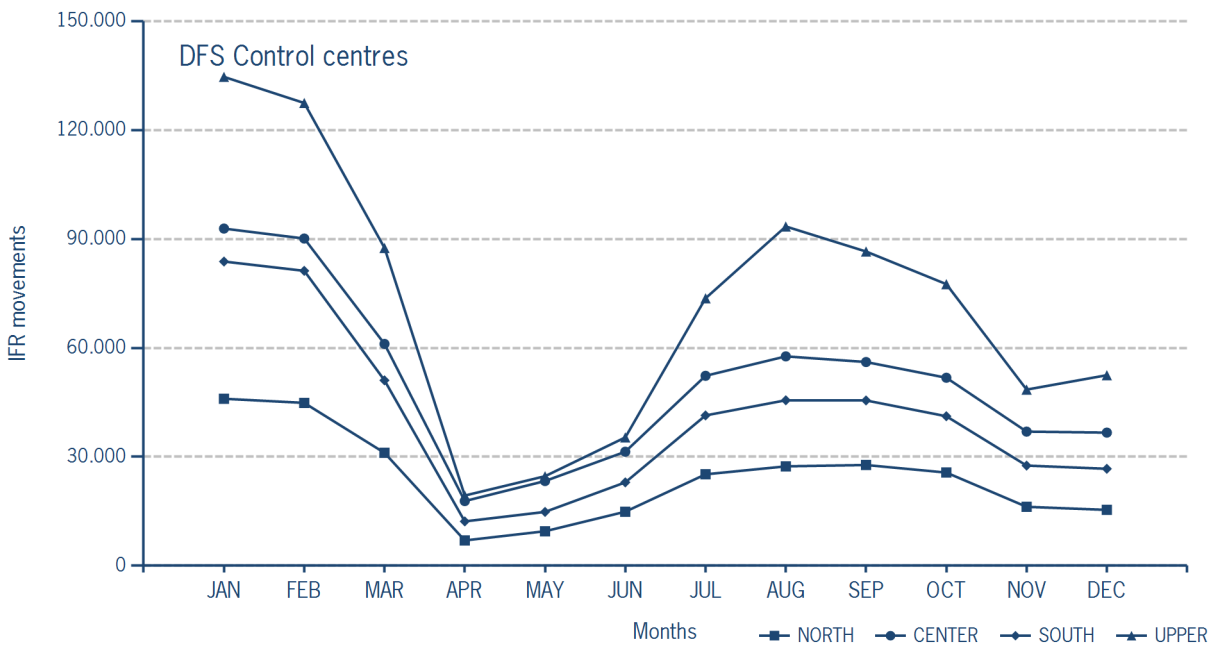
IFR flights controlled by DFS - in detail

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

	DEC 2020	DEC 2019	Trend
NORTH	15.378	47.677	-67,7%
CENTER	36.671	93.431	-60,8%
SOUTH	26.707	85.158	-68,6%
UPPER	52.494	137.900	-61,9%

	2020	2019	Trend
NORTH	290.877	667.288	-56,4%
CENTER	608.138	1.332.292	-54,4%
SOUTH	494.052	1.185.871	-58,3%
UPPER	861.182	1.819.322	-52,7%

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.

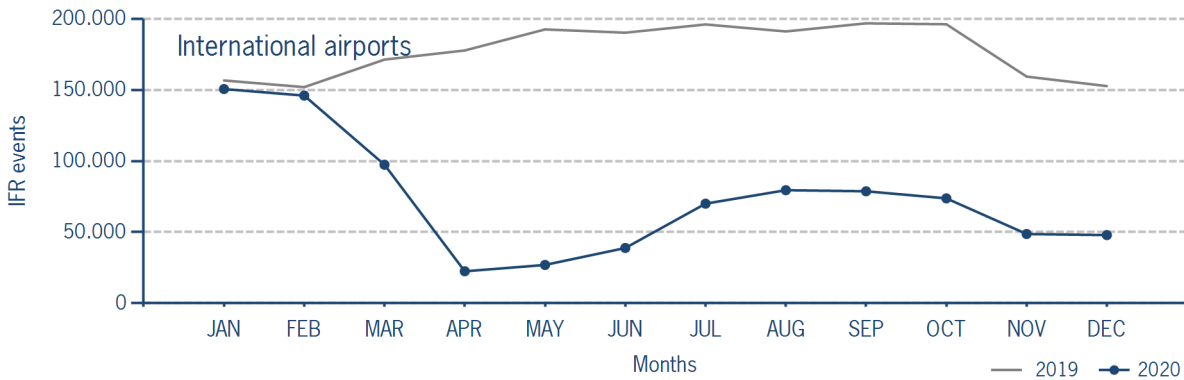
	DEC 2020	DEC 2019	Trend
International Airports	47.942	152.662	-68,6%
Regional Airports	6.060	10.764	-43,7%
Total	54.002	163.426	-67,0%

	2020	2019	Trend
International Airports	880.927	2.132.289	-58,7%
Regional Airports	104.915	162.558	-35,5%
Total	985.842	2.294.847	-57,0%

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

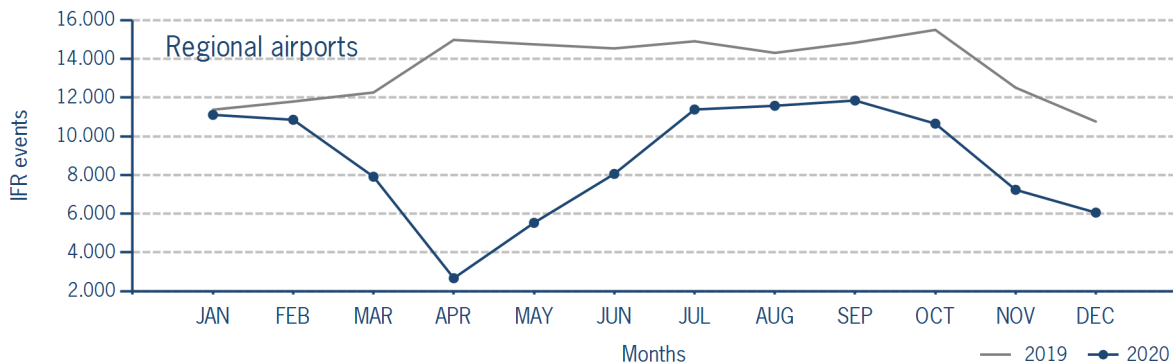
IFR flights at international German airports

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



IFR flights at regional German airports

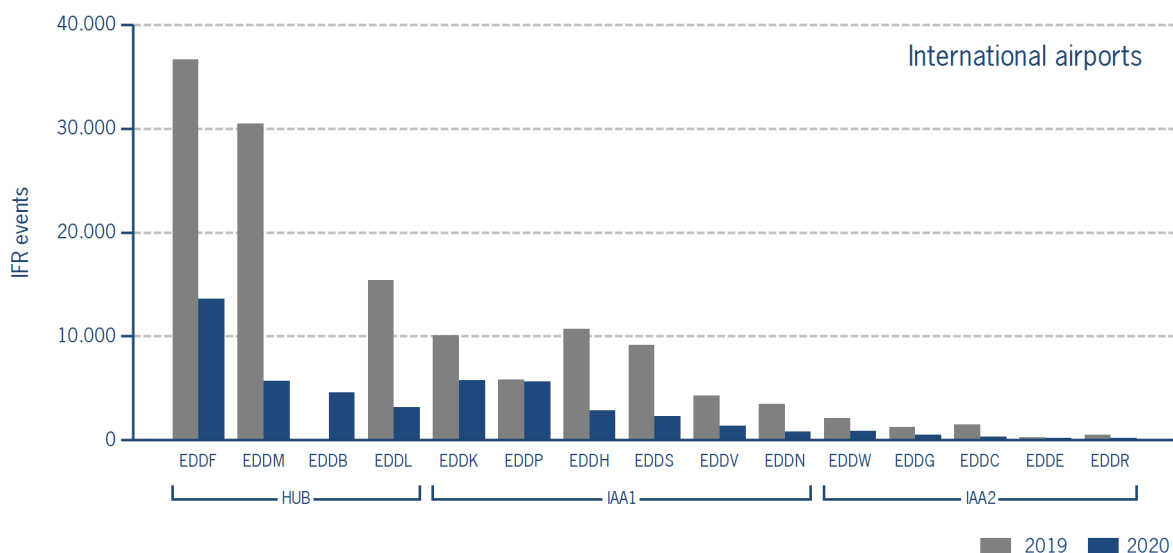
IFR events (take-offs and landings) at the different regional towers in the Federal Republic of Germany with control zone and barely any PPR.



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).

		DEC 2020	Trend	2020	Trend
HUB					
EDDB	Berlin-Brandenburg	4.597	N/A	8.324	N/A
EDDF	Frankfurt/Main	13.625	-62,8%	212.334	-58,7%
EDDL	Düsseldorf	3.184	-79,4%	78.647	-65,1%
EDDM	München	5.704	-81,3%	144.268	-65,2%
IAA1					
EDDB	Berlin-Schönefeld	0	N/A	34.963	N/A
EDDH	Hamburg	2.880	-73,2%	60.144	-59,7%
EDDK	Köln/Bonn	5.759	-42,8%	79.810	-43,8%
EDDN	Nürnberg	806	-76,7%	20.205	-59,1%
EDDP	Leipzig/Halle	5.639	-2,9%	62.222	-17,5%
EDDS	Stuttgart	2.323	-74,6%	49.980	-62,3%
EDDT	Berlin-Tegel	0	N/A	60.498	N/A
EDDV	Hannover	1.363	-67,9%	27.367	-57,8%
IAA2					
EDDC	Dresden	330	-78,4%	8.773	-57,6%
EDDE	Erfurt/Weimar	211	-26,0%	3.618	-23,1%
EDDG	Münster/Osnabrück	485	-61,3%	10.525	-44,4%
EDDR	Saarbrücken	179	-65,8%	4.062	-49,1%
EDDW	Bremen	857	-59,9%	15.187	-49,3%

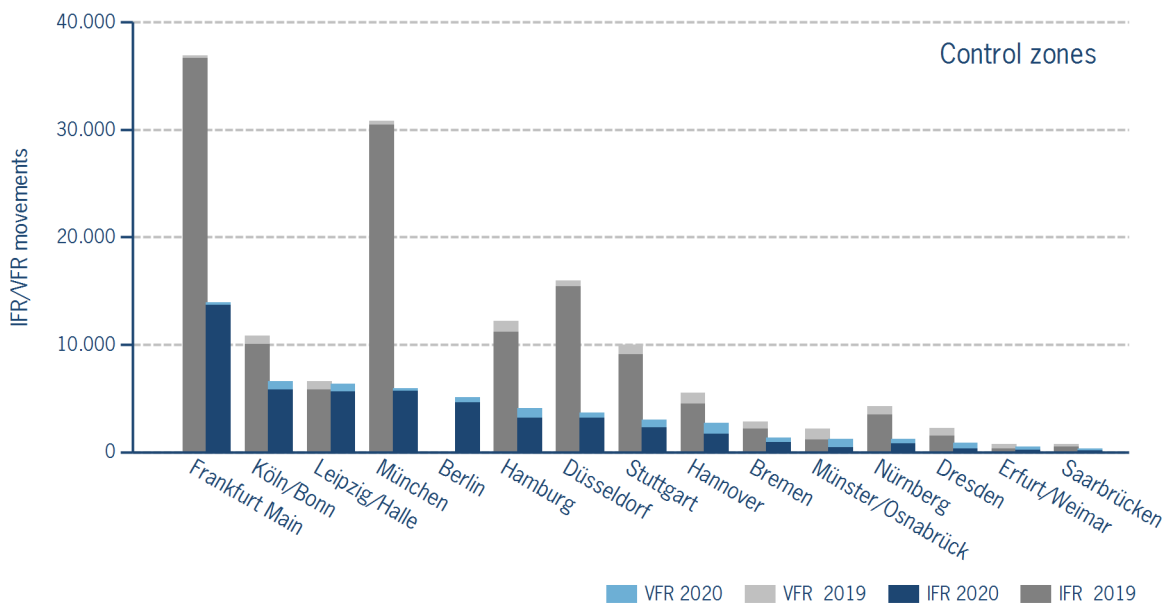


IFR/VFR flights in control zones of DFS towers

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

	DEC 2020	Trend	2020	Trend
Berlin	5.114	N/A	9.369	N/A
Berlin-Schönefeld	0	N/A	48.364	N/A
Berlin-Tegel	0	N/A	68.609	N/A
Bremen	1.368	-51,7%	26.311	-38,1%
Dresden	883	-60,3%	21.725	-37,5%
Düsseldorf	3.689	-76,9%	86.535	-62,7%
Erfurt/Weimar	505	-30,0%	9.755	-20,9%
Frankfurt Main	13.942	-62,2%	218.394	-57,9%
Hamburg	4.074	-66,6%	85.118	-51,6%
Hannover	2.698	-51,0%	49.691	-41,8%
Köln/Bonn	6.585	-39,1%	93.974	-40,1%
Leipzig/Halle	6.353	-4,0%	74.525	-15,7%
München	5.970	-80,6%	149.964	-64,3%
Münster/Osnabrück	1.229	-44,2%	28.492	-23,5%
Nürnberg	1.226	-71,4%	32.484	-49,0%
Saarbrücken	308	-59,8%	8.157	-34,6%
Stuttgart	3.032	-69,6%	65.154	-56,3%

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

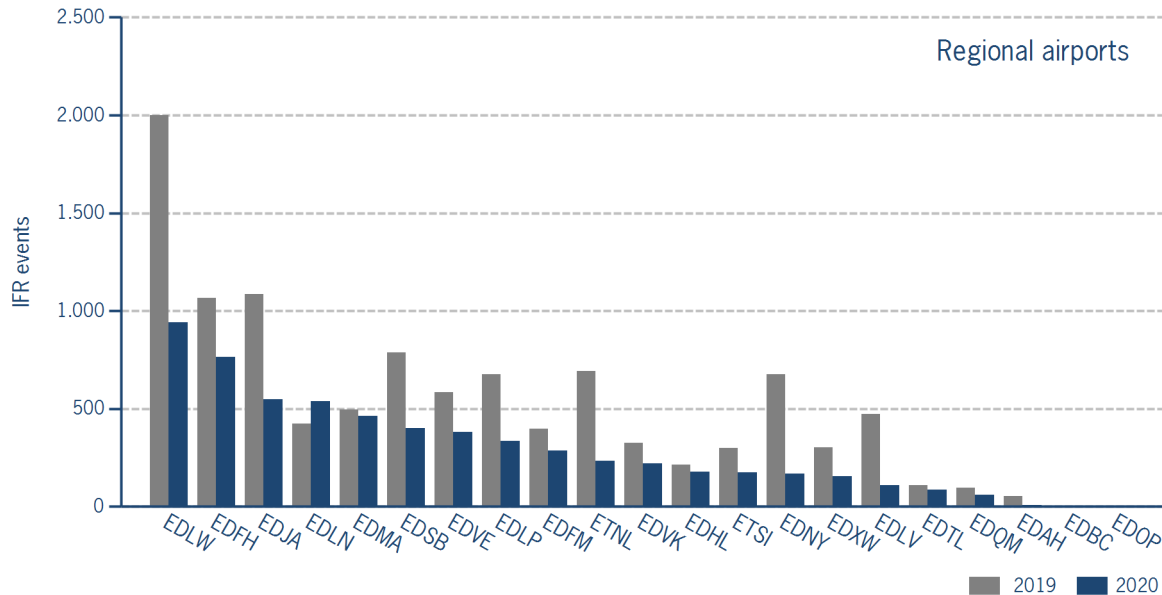
IFR events (take-offs and landings) at the different regional towers in the Federal Republic of Germany with control zone and barely any PPR.

		DEC 2020	Trend	2020	Trend
EDAH	Heringsdorf	8	-85,2%	550	-44,4%
EDBC	Magdeburg/Cochstedt	0	N/A	0	-100,0%
EDFH	Frankfurt-Hahn	764	-28,3%	11.081	-31,6%
EDFM	Mannheim City	287	-28,1%	4.714	-29,1%
EDHL	Lübeck-Blankensee	180	-15,5%	2.424	-15,2%
EDJA	Memmingen	548	-49,5%	9.687	-35,9%
EDLN	Mönchengladbach	539	26,8%	6.973	7,6%
EDLP	Paderborn/Lippstadt	334	-50,6%	5.623	-57,7%
EDLV	Niederrhein	111	-76,6%	3.515	-62,3%
EDLW	Dortmund	943	-52,9%	16.297	-32,9%
EDMA	Augsburg	464	-6,3%	6.846	-7,5%
EDNY	Friedrichshafen	169	-75,0%	4.400	-59,2%
EDOP	Schwerin-Parchim	0	N/A	0	-100,0%
EDQM	Hof-Plauen	59	-39,8%	1.313	-12,8%
EDSB	Karlsruhe/Baden-Baden	401	-49,2%	8.344	-33,1%
EDTL	Lahr	86	-22,5%	1.219	-22,9%
EDVE	Braunschweig-Wolfsburg	381	-34,6%	5.421	-41,1%
EDVK	Kassel-Calden	222	-31,7%	3.822	-21,0%
EDXW	Sylt	154	-49,0%	5.005	-15,5%
ETNL	Laage	234	-66,2%	4.856	-43,4%
ETSI	Ingolstadt/Manching	176	-41,5%	2.825	-44,3%

*The value is of limited conclusiveness (OLC).

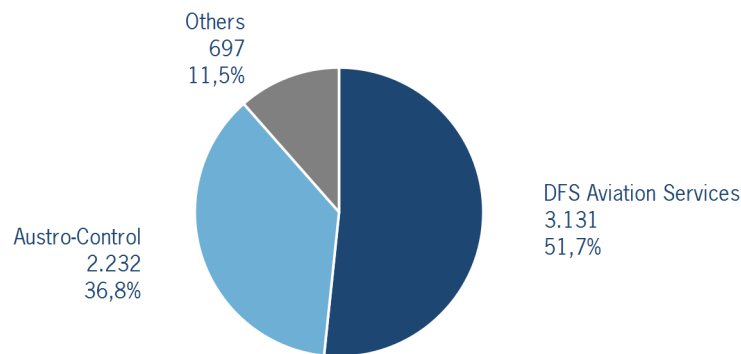
IFR flights at regional German airports - in detail

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)