



LIZ Air traffic statistics

MAY 2021

DFS Situation and Information Centre

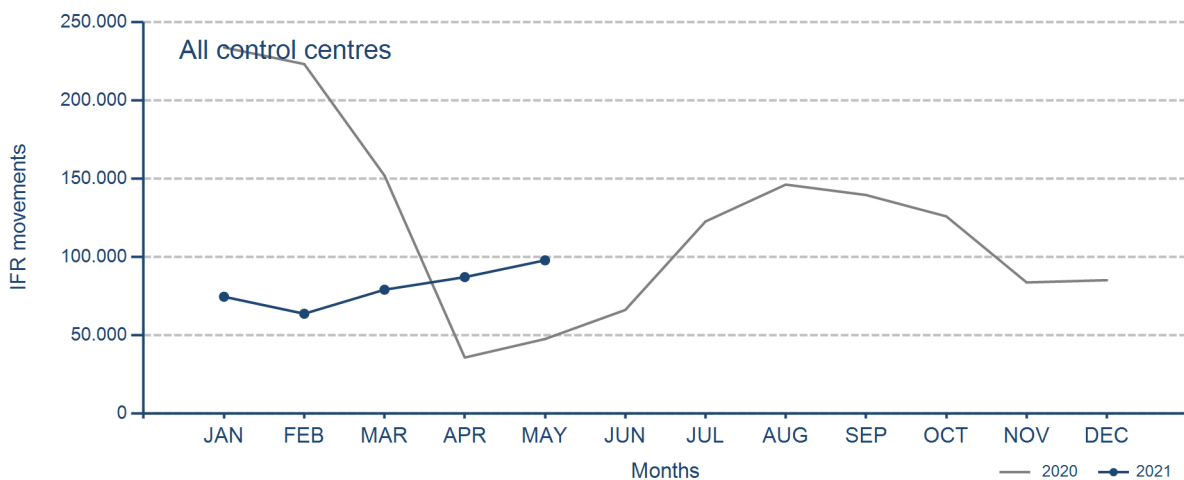
Version 07.06.2021

IFR flights in the Federal Republic of Germany

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

	MAY 2021	MAY 2020	Trend
Civil flights	94.017	44.452	111,5%
Military flights	3.789	3.103	22,1%
Total	97.806	47.555	105,7%

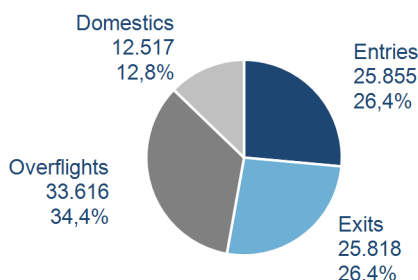
	JAN - MAY 2021	JAN - MAY 2020	Trend
Civil flights	384.946	676.835	-43,1%
Military flights	17.190	15.136	13,6%
Total	402.136	691.971	-41,9%



Please note: This count covers the traffic in the area built 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.

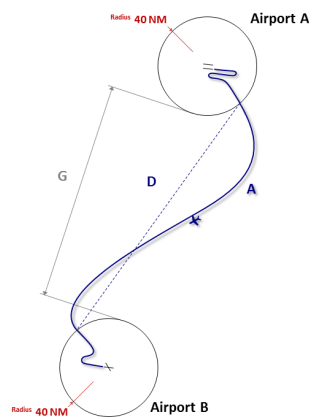


Please note: This count covers the traffic in the area build by all control sectors with a German designator („ED“), regardless of the service provider, including civil and military traffic in sectors controlled by DFS and Maastricht UAC (Maastricht-Hannover sectors). The area counted is composed of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

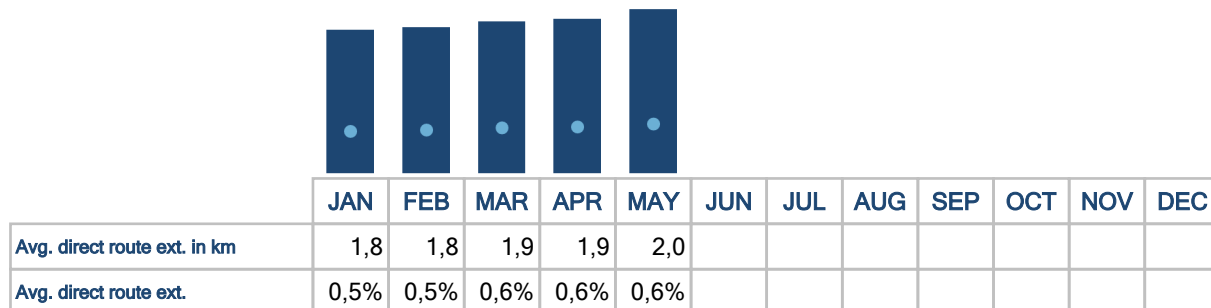
Direct route extension is defined as the difference between the length of the actual route (A) and the direct course (D) between the departure and arrival terminal areas (radius of 40 NM around the airport) or the national border where a flight enters or leaves German airspace. The direct route extension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

MAY 2021	
Evaluated traffic	79.422
Average actual route / flight	333,1 km
Average direct course / flight	331,0 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.



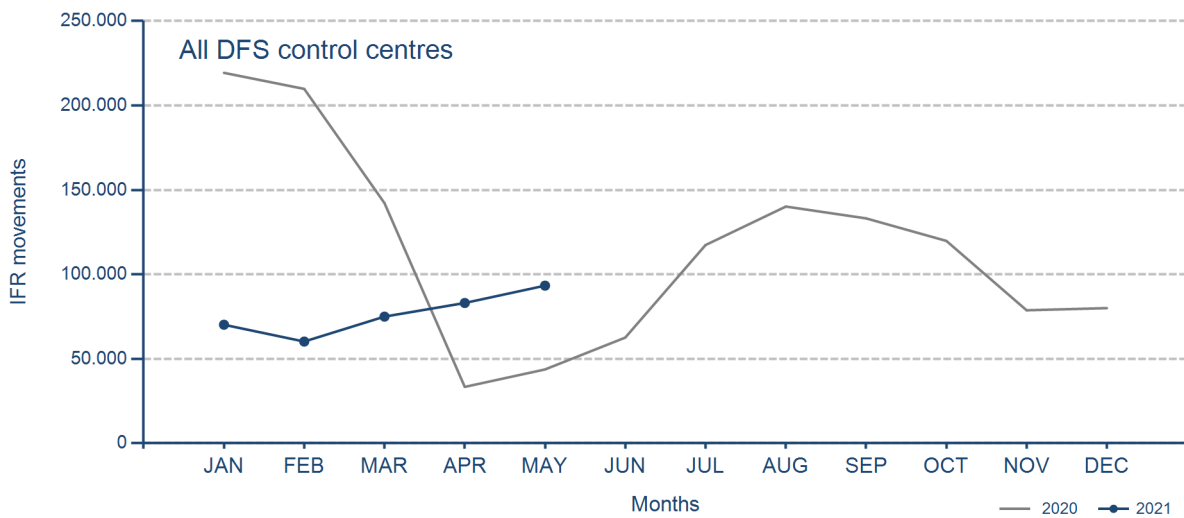
IFR flights controlled by DFS

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

	MAY 2021	MAY 2020	Trend
Civil flights	89.592	40.676	120,3%
Military flights	3.768	3.081	22,3%
Total	93.360	43.757	113,4%

	JAN - MAY 2021	JAN - MAY 2020	Trend
Civil flights	364.660	633.577	-42,4%
Military flights	17.328	15.027	15,3%
Total	381.988	648.604	-41,1%

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.



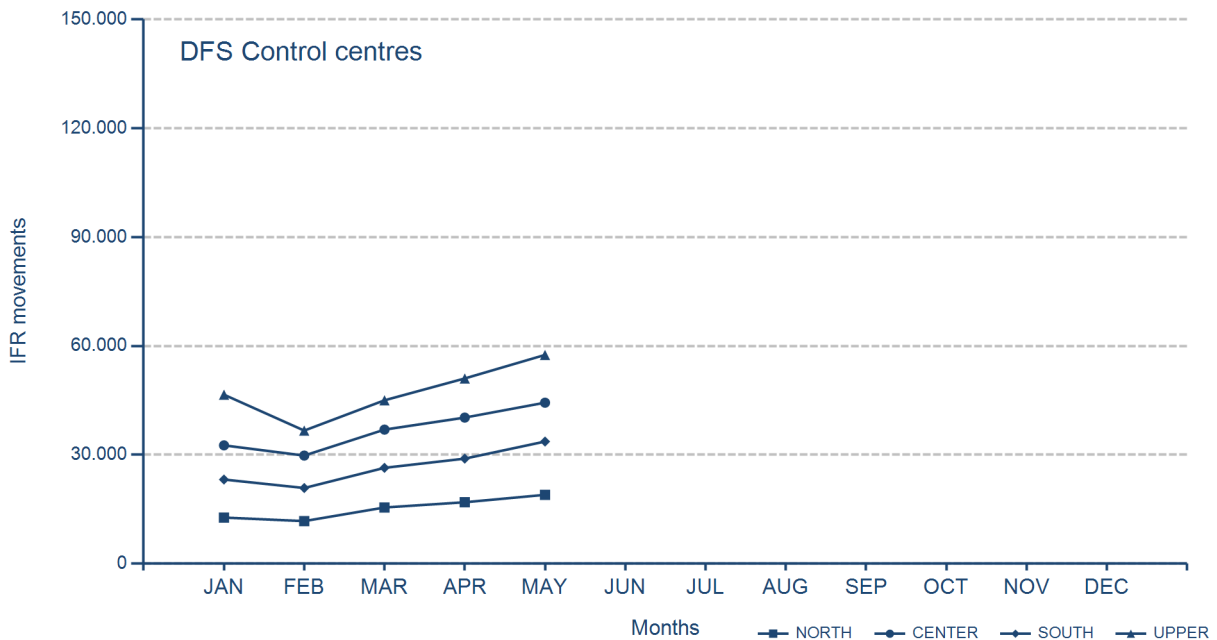
IFR flights controlled by DFS - in detail

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

	MAY 2021	MAY 2020	Trend
NORTH	18.986	9.505	99,7%
CENTER	44.364	23.334	90,1%
SOUTH	33.663	14.830	127,0%
UPPER	57.519	24.663	133,2%

	JAN - MAY 2021	JAN - MAY 2020	Trend
NORTH	75.896	138.422	-45,2%
CENTER	183.971	285.243	-35,5%
SOUTH	133.095	243.145	-45,3%
UPPER	236.833	393.654	-39,8%

Please note: The trend numbers compare counts of the airspaces in their current configuration to the count of the same airspace in 2020.



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.

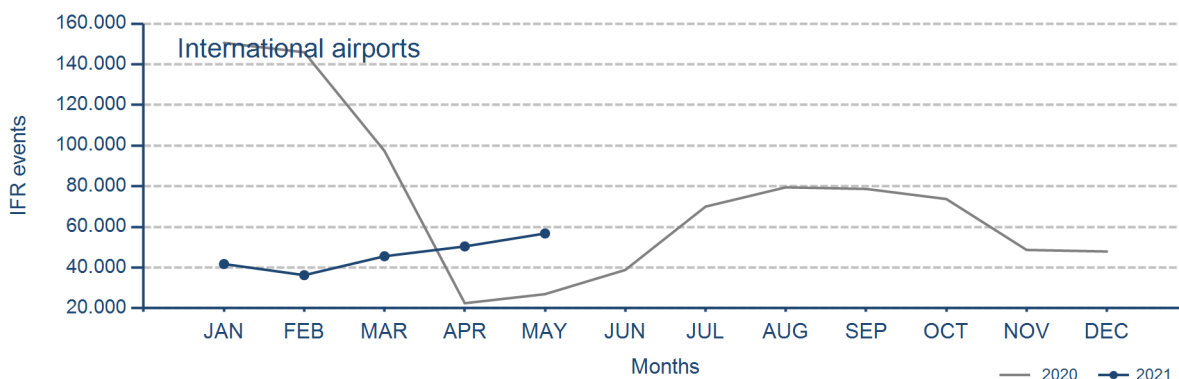
	MAY 2021	MAY 2020	Trend
International Airports	56.806	26.957	110,7%
Regional Airports	8.524	5.532	54,1%
Total	65.330	32.489	101,1%

	JAN - MAY 2021	JAN - MAY 2020	Trend
International Airports	230.916	443.399	-47,9%
Regional Airports	34.164	38.083	-10,3%
Total	265.080	481.482	-44,9%

Please note: The airports Magdeburg-Cochstedt (EDBC) and Schwerin-Parchim (EDOP) are currently closed.

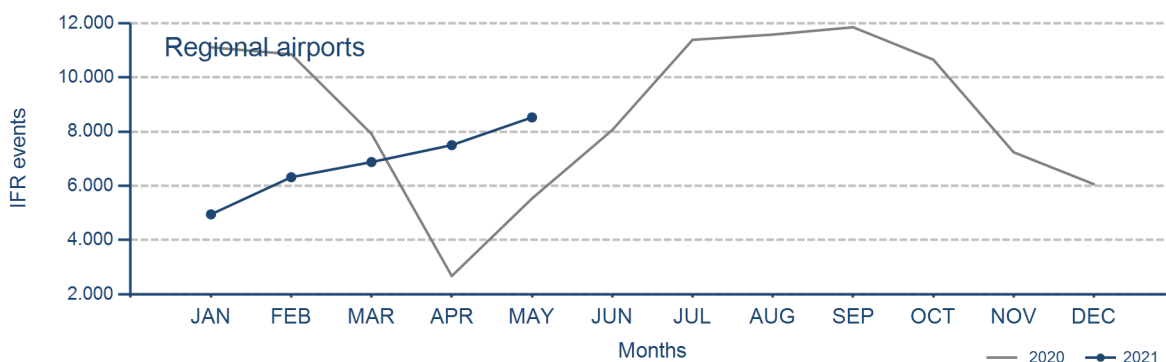
IFR flights at international German airports

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



IFR flights at regional German airports

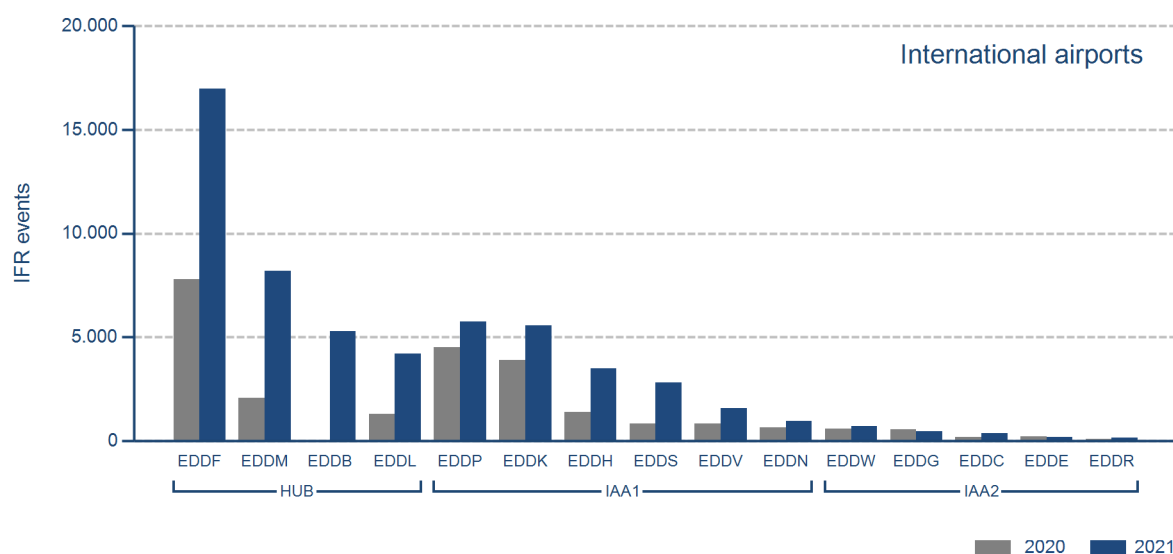
IFR events (take-offs and landings) at the different regional towers in the Federal Republic of Germany with control zone and barely any PPR.



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 2021	Trend	JAN - MAY 2021	Trend
HUB				
EDDB Berlin-Brandenburg	5.281	N/A	20.907	N/A
EDDF Frankfurt/Main	16.964	117,5%	70.438	-35,6%
EDDL Düsseldorf	4.225	OLC*	15.231	-64,2%
EDDM München	8.205	OLC*	28.178	-65,3%
IAA1				
EDDH Hamburg	3.496	151,9%	13.027	-55,5%
EDDK Köln/Bonn	5.565	42,9%	25.073	-27,7%
EDDN Nürnberg	981	51,4%	4.246	-58,8%
EDDP Leipzig/Halle	5.768	28,1%	27.132	6,0%
EDDS Stuttgart	2.807	OLC*	11.290	-53,8%
EDDV Hannover	1.581	88,2%	6.516	-48,7%
IAA2				
EDDC Dresden	383	93,4%	1.347	-68,6%
EDDE Erfurt/Weimar	201	-11,1%	1.052	-20,7%
EDDG Münster/Osnabrück	475	-14,4%	2.368	-45,8%
EDDR Saarbrücken	149	40,6%	830	-46,6%
EDDW Bremen	725	22,3%	3.281	-51,3%



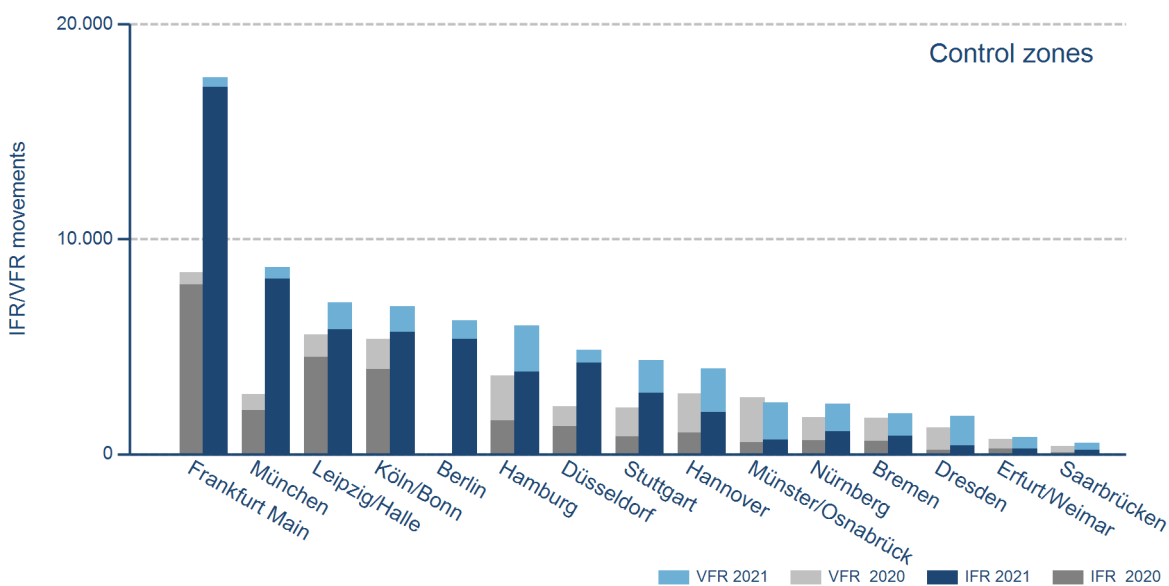
IFR/VFR flights in control zones of DFS towers

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

	MAY 2021	Trend	JAN - MAY 2021	Trend
Berlin	6.215	N/A	24.382	N/A
Bremen	1.888	12,1%	7.698	-27,0%
Dresden	1.769	43,1%	5.745	-28,6%
Düsseldorf	4.849	116,6%	18.308	-59,7%
Erfurt/Weimar	778	11,6%	3.184	-1,9%
Frankfurt Main	17.541	107,7%	73.166	-34,3%
Hamburg	5.996	63,3%	22.591	-39,9%
Hannover	3.985	40,5%	15.659	-21,8%
Köln/Bonn	6.886	28,2%	31.391	-20,8%
Leipzig/Halle	7.045	26,8%	31.953	6,2%
München	8.702	OLC*	30.398	-63,6%
Münster/Osnabrück	2.412	-8,8%	10.781	5,9%
Nürnberg	2.358	37,2%	9.316	-34,0%
Saarbrücken	530	43,6%	2.617	-5,7%
Stuttgart	4.385	103,9%	18.126	-37,9%

Additional information: Münster reported 1.603 glider movements for the current month, i.e. 3.011 glider movements for the cumulated year.

OLC: Trend > 200%



IFR flights at regional German airports - in detail

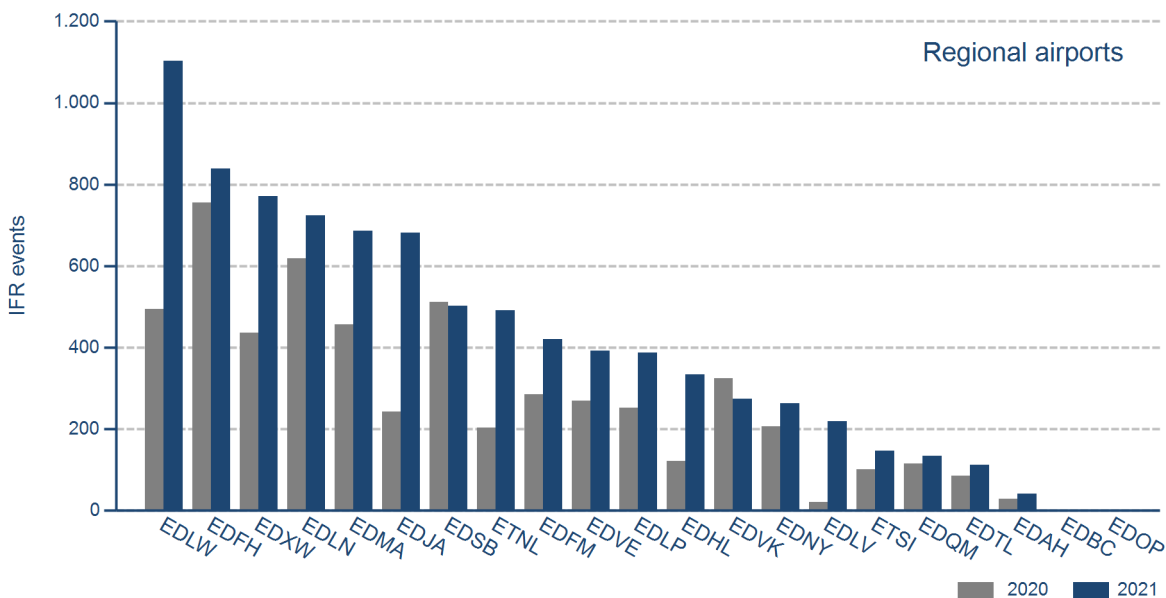
IFR events (take-offs and landings) at the different regional towers in the Federal Republic of Germany with control zone and barely any PPR.

	MAY 2021	Trend	JAN - MAY 2021	Trend
EDAH Heringsdorf	42	44,8%	162	-30,5%
EDBC Magdeburg/Cochstedt	0	N/A	0	N/A
EDFH Frankfurt-Hahn	839	11,0%	3.807	-14,7%
EDFM Mannheim City	420	47,4%	1.713	2,8%
EDHL Lübeck-Blankensee	334	173,8%	1.124	82,2%
EDJA Memmingen	681	180,2%	2.512	-24,1%
EDLN Mönchengladbach	724	17,2%	3.206	47,7%
EDLP Paderborn/Lippstadt	387	53,0%	1.786	-18,9%
EDLV Niederrhein	219	OLC*	544	-57,2%
EDLW Dortmund	1.103	122,8%	4.274	-23,4%
EDMA Augsburg	686	50,4%	2.847	37,2%
EDNY Friedrichshafen	263	27,1%	1.098	-50,5%
EDOP Schwerin-Parchim	0	N/A	0	N/A
EDQM Hof-Plauen	134	15,5%	445	5,0%
EDSB Karlsruhe/Baden-Baden	502	-2,0%	2.579	-16,6%
EDTL Lahr	113	32,9%	499	36,3%
EDVE Braunschweig-Wolfsburg	392	45,7%	1.818	-18,2%
EDVK Kassel-Calden	275	-15,1%	1.149	-15,5%
EDXW Sylt	772	77,1%	1.524	45,7%
ETNL Laage	491	141,9%	2.196	-11,1%
ETSI Ingolstadt/Manching	147	44,1%	881	-32,5%

*The value is of limited conclusiveness (OLC).

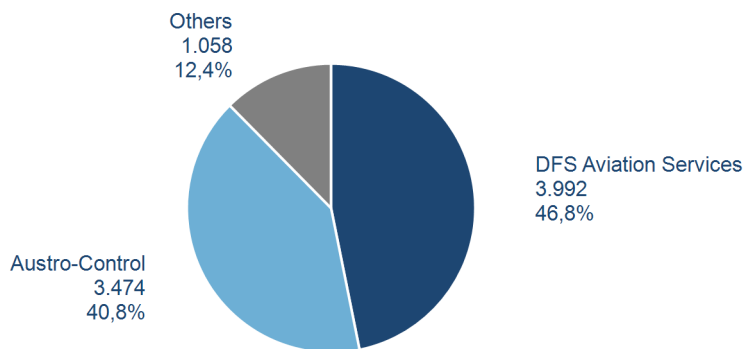
IFR flights at regional German airports - in detail

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)