



LIZ Air traffic statistics

MAR 2021

DFS Situation and Information Centre

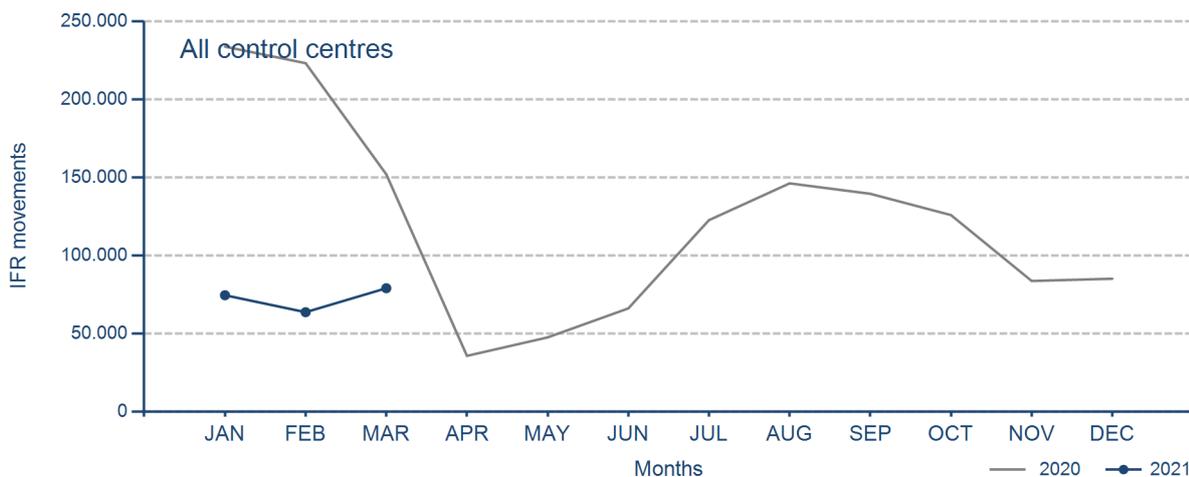
Version 13.04.2021

IFR flights in the Federal Republic of Germany

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

	MAR 2021	MAR 2020	Trend
Civil flights	75.318	149.118	-49,5%
Military flights	3.713	2.803	32,4%
Total	79.031	151.921	-48,0%

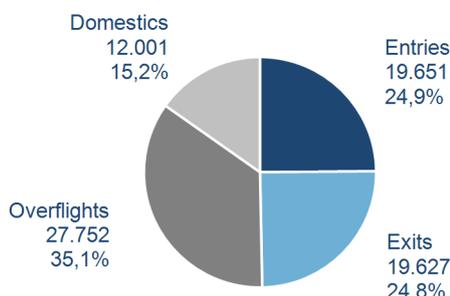
	JAN - MAR 2021	JAN - MAR 2020	Trend
Civil flights	207.329	599.194	-65,4%
Military flights	9.934	9.508	4,5%
Total	217.263	608.702	-64,3%



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.

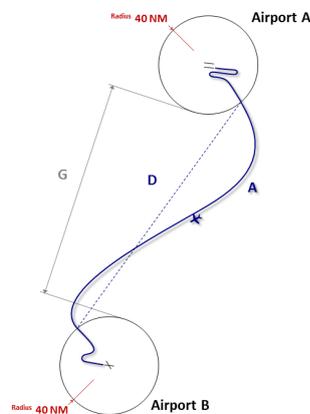


Please note: This count covers the traffic in the area build by all control sectors with a German designator („ED“), regardless of the service provider, including civil and military traffic in sectors controlled by DFS and Maastricht UAC (Maastricht-Hannover sectors). The area counted is composed of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

MAR 2021	
Evaluated traffic	63.567
Average actual route / flight	334,5 km
Average direct course / flight	332,6 km
Average direct route extension / flight	1,9 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.



	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Avg. direct route ext. in km	1,8	1,8	1,9									
Avg. direct route ext.	0,5%	0,5%	0,6%									

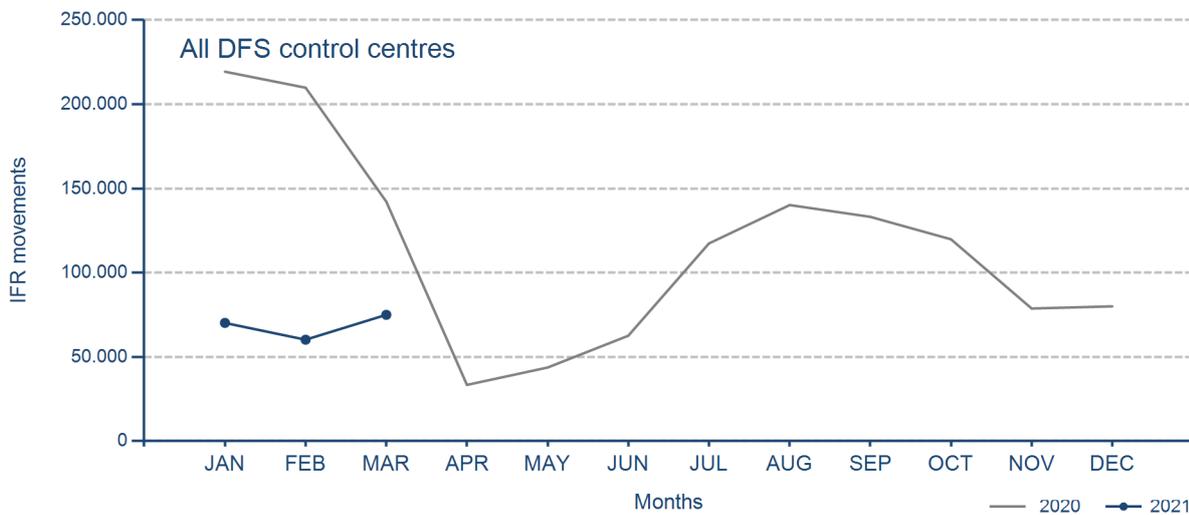
IFR flights controlled by DFS

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

	MAR 2021	MAR 2020	Trend
Civil flights	71.301	139.444	-48,9%
Military flights	3.736	2.772	34,8%
Total	75.037	142.216	-47,2%

	JAN - MAR 2021	JAN - MAR 2020	Trend
Civil flights	195.473	561.988	-65,2%
Military flights	10.053	9.430	6,6%
Total	205.526	571.418	-64,0%

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.



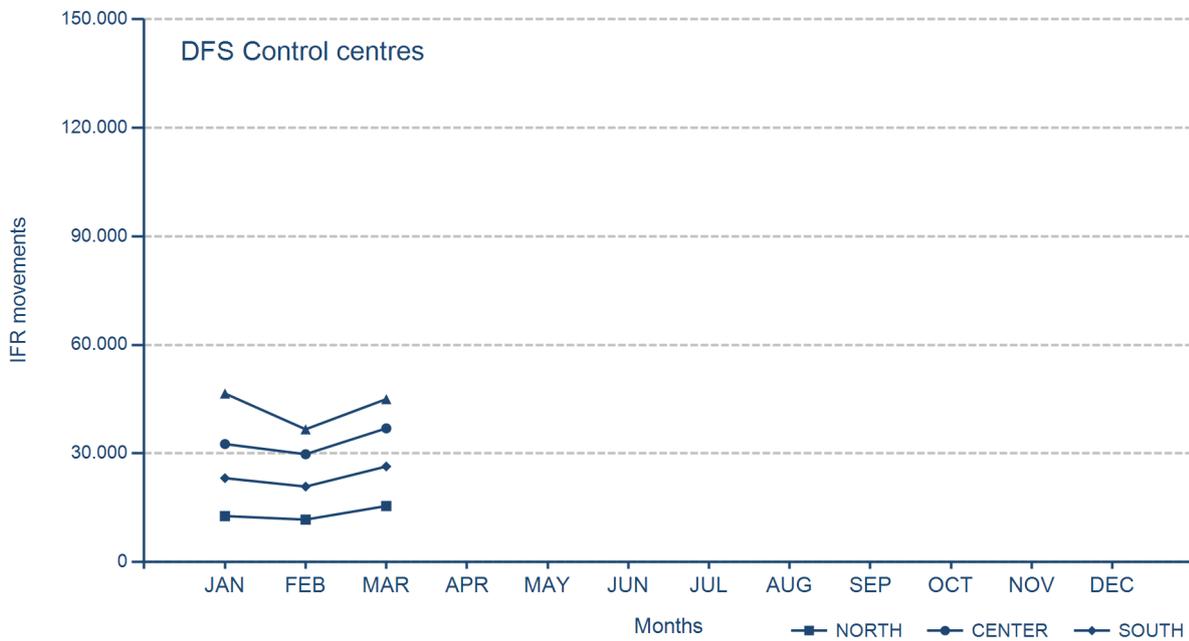
IFR flights controlled by DFS - in detail

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

	MAR 2021	MAR 2020	Trend
NORTH	15.499	31.098	-50,2%
CENTER	36.946	61.098	-39,5%
SOUTH	26.419	51.075	-48,3%
UPPER	45.026	87.545	-48,6%

	JAN - MAR 2021	JAN - MAR 2020	Trend
NORTH	39.967	121.948	-67,2%
CENTER	99.350	244.097	-59,3%
SOUTH	70.479	216.101	-67,4%
UPPER	128.275	349.657	-63,3%

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.

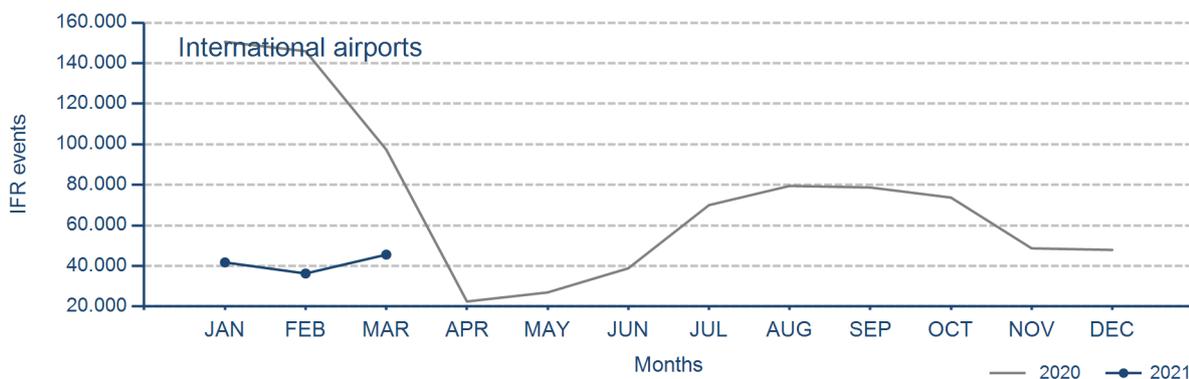
	MAR 2021	MAR 2020	Trend
International Airports	45.602	97.396	-53,2%
Regional Airports	6.876	7.915	-13,1%
Total	52.478	105.311	-50,2%

	JAN - MAR 2021	JAN - MAR 2020	Trend
International Airports	123.677	393.958	-68,6%
Regional Airports	18.139	29.880	-39,3%
Total	141.816	423.838	-66,5%

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

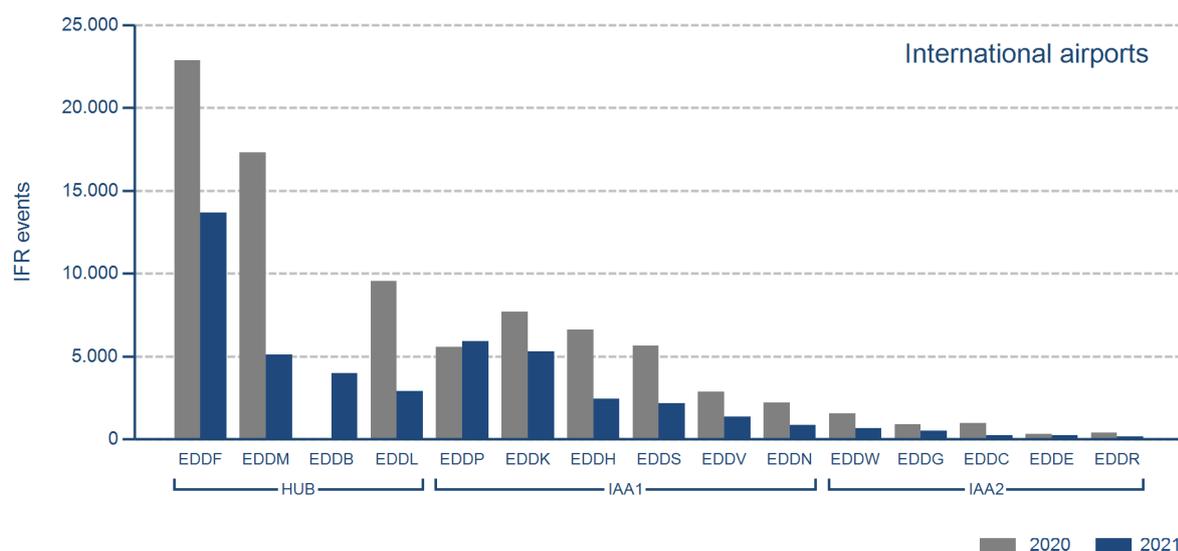
IFR events (take-offs and landings) at the different regional towers in the Federal Republic of Germany with control zone and barely any PPR.



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).

	MAR 2021	Trend	JAN - MAR 2021	Trend
HUB				
EDDB Berlin-Brandenburg	4.007	N/A	10.978	N/A
EDDF Frankfurt/Main	13.674	-40,2%	38.009	-60,0%
EDDL Düsseldorf	2.889	-69,7%	7.509	-81,3%
EDDM München	5.107	-70,5%	13.435	-82,6%
IAA1				
EDDH Hamburg	2.436	-63,3%	6.616	-75,4%
EDDK Köln/Bonn	5.288	-31,2%	14.336	-47,3%
EDDN Nürnberg	876	-60,6%	2.405	-73,4%
EDDP Leipzig/Halle	5.933	6,2%	15.673	-5,6%
EDDS Stuttgart	2.164	-61,6%	6.057	-74,0%
EDDV Hannover	1.382	-51,9%	3.504	-69,0%
IAA2				
EDDC Dresden	247	-74,4%	667	-83,2%
EDDE Erfurt/Weimar	246	-23,6%	646	-29,1%
EDDG Münster/Osnabrück	522	-40,9%	1.485	-57,9%
EDDR Saarbrücken	159	-60,8%	500	-64,6%
EDDW Bremen	672	-57,1%	1.857	-67,8%

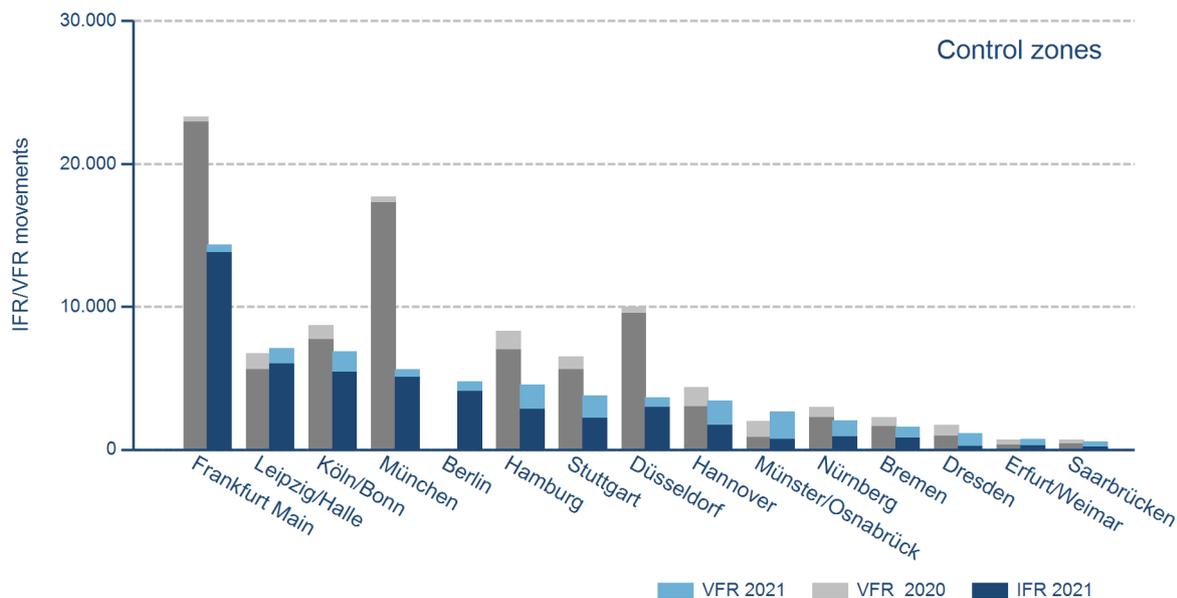


IFR/VFR flights in control zones of DFS towers

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

	MAR 2021	Trend	JAN - MAR 2021	Trend
Berlin	4.792	N/A	12.657	N/A
Bremen	1.600	-29,9%	4.003	-48,0%
Dresden	1.164	-33,1%	2.543	-58,1%
Düsseldorf	3.633	-63,7%	9.236	-77,8%
Erfurt/Weimar	747	7,2%	1.641	-17,4%
Frankfurt Main	14.352	-38,4%	39.610	-58,8%
Hamburg	4.555	-45,2%	11.301	-63,9%
Hannover	3.433	-21,4%	8.005	-47,9%
Köln/Bonn	6.879	-20,9%	17.726	-40,4%
Leipzig/Halle	7.096	5,0%	17.999	-6,1%
München	5.627	-68,2%	14.678	-81,3%
Münster/Osnabrück	2.660	34,3%	5.539	-11,6%
Nürnberg	2.043	-31,2%	4.869	-56,4%
Saarbrücken	560	-19,1%	1.408	-36,0%
Stuttgart	3.776	-42,0%	9.524	-63,5%

Additional information: Münster reported 202 glider movements for the current month, i.e. 410 glider movements for the cumulated year.



IFR flights at regional German airports - in detail

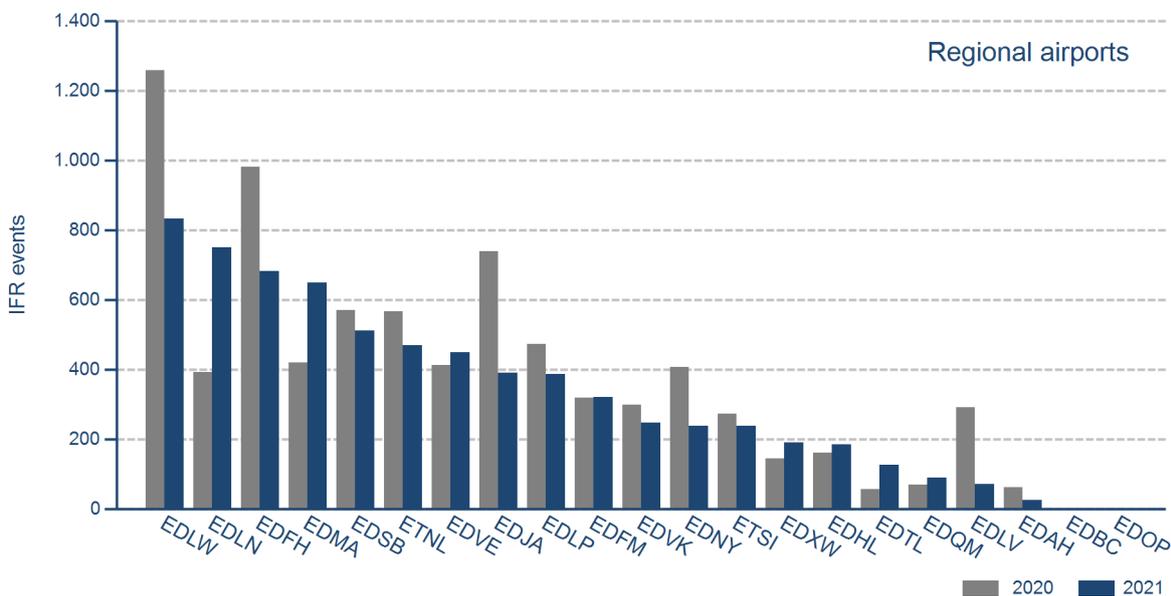
IFR events (take-offs and landings) at the different regional towers in the Federal Republic of Germany with control zone and barely any PPR.

	MAR 2021	Trend	JAN - MAR 2021	Trend
EDAH Heringsdorf	26	-58,7%	69	-65,2%
EDBC Magdeburg/Cochstedt	0	N/A	0	N/A
EDFH Frankfurt-Hahn	683	-30,5%	2.075	-33,5%
EDFM Mannheim City	322	0,6%	929	-27,2%
EDHL Lübeck-Blankensee	186	14,8%	505	14,5%
EDJA Memmingen	392	-47,0%	1.251	-58,2%
EDLN Mönchengladbach	752	91,3%	1.738	35,8%
EDLP Paderborn/Lippstadt	387	-18,5%	923	-50,5%
EDLV Niederrhein	72	-75,4%	236	-81,0%
EDLW Dortmund	834	-33,8%	2.236	-54,4%
EDMA Augsburg	651	54,6%	1.614	15,5%
EDNY Friedrichshafen	240	-41,2%	620	-68,5%
EDOP Schwerin-Parchim	0	N/A	0	N/A
EDQM Hof-Plauen	91	28,2%	218	-18,7%
EDSB Karlsruhe/Baden-Baden	513	-10,2%	1.522	-29,5%
EDTL Lahr	127	119,0%	295	12,2%
EDVE Braunschweig-Wolfsburg	450	9,0%	1.053	-41,9%
EDVK Kassel-Calden	249	-16,7%	646	-23,6%
EDXW Sylt	191	31,7%	406	-33,3%
ETNL Laage	471	-16,9%	1.275	-40,1%
ETSI Ingolstadt/Manching	239	-12,8%	528	-52,5%

*The value is of limited conclusiveness (OLC).

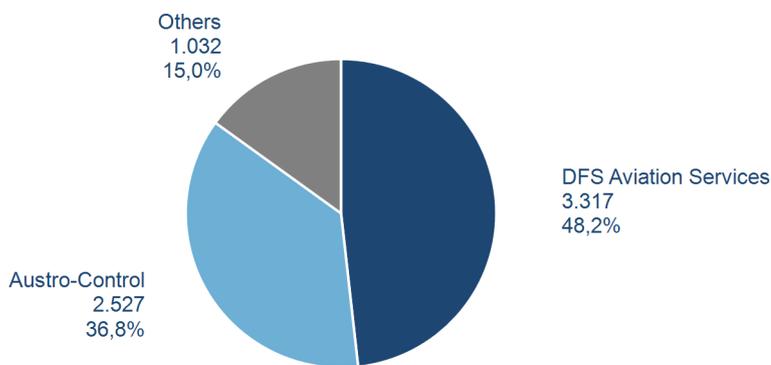
IFR flights at regional German airports - in detail

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)