



LIZ Air traffic statistics

MAR 2020

DFS Situation and Information Centre

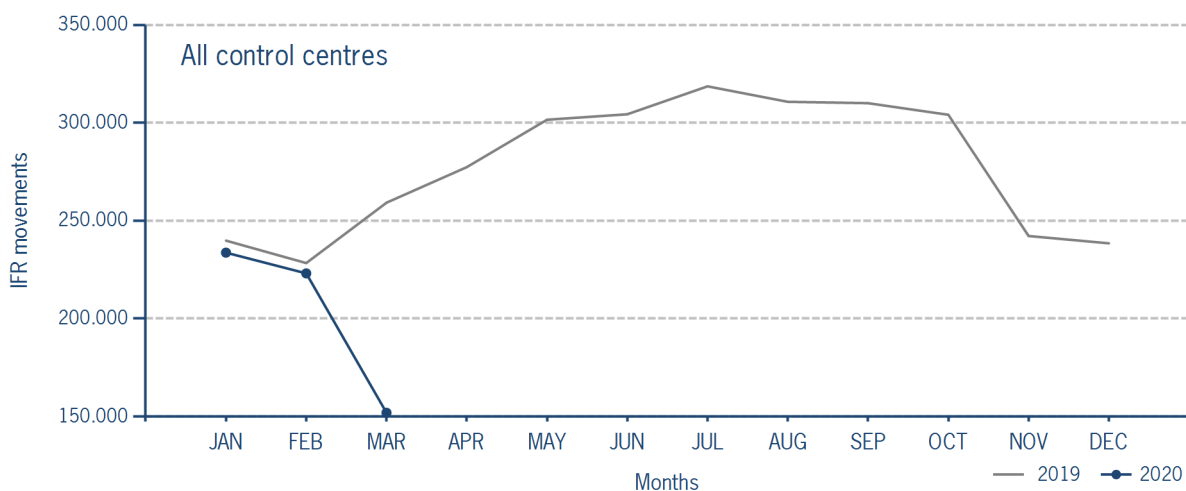
Version 03.04.2020

IFR flights in the Federal Republic of Germany

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

	MAR 2020	MAR 2019	Trend
Civil flights	149.118	255.895	-41,7%
Military flights	2.803	3.304	-15,2%
Total	151.921	259.199	-41,4%

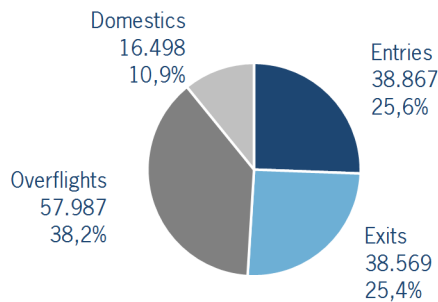
	JAN - MAR 2020	JAN - MAR 2019	Trend
Civil flights	599.194	717.707	-16,5%
Military flights	9.508	9.684	-1,8%
Total	608.702	727.391	-16,3%



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.

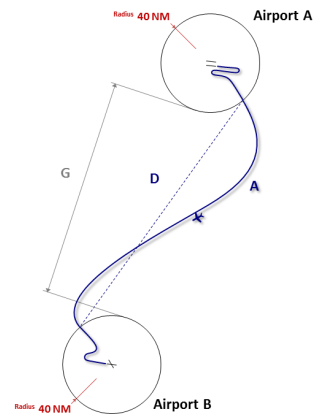


Please note: This count covers the traffic in the area build by all control sectors with a German designator („ED“), regardless of the service provider, including civil and military traffic in sectors controlled by DFS and Maastricht UAC (Maastricht-Hannover sectors). The area counted is composed of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

MAR 2020	
Evaluated traffic	123.299
Average actual route / flight	334,0 km
Average direct course / flight	330,4 km
Average direct route extension / flight	3,6 km
Average direct route extension / flight	1,1%



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	3,4	3,6	3,6									
Avg. direct route ext.	1,0%	1,1%	1,1%									

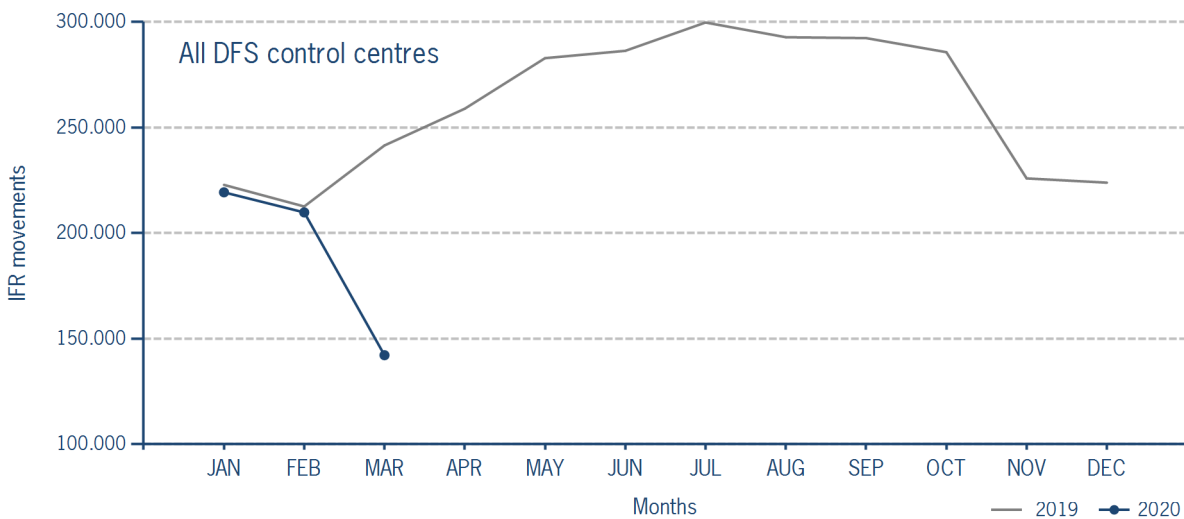
IFR flights controlled by DFS

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

	MAR 2020	MAR 2019	Trend
Civil flights	139.444	238.258	-41,5%
Military flights	2.772	3.315	-16,4%
Total	142.216	241.573	-41,1%

	JAN - MAR 2020	JAN - MAR 2019	Trend
Civil flights	561.988	667.415	-15,8%
Military flights	9.430	9.727	-3,1%
Total	571.418	677.142	-15,6%

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.



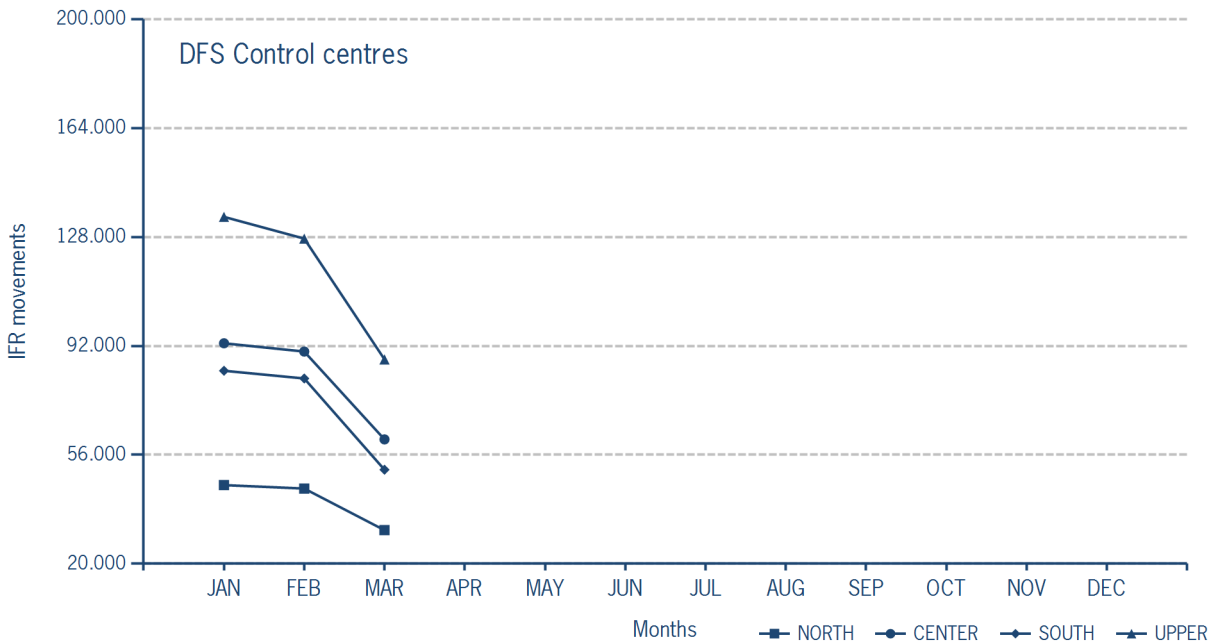
IFR flights controlled by DFS - in detail

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

	MAR 2020	MAR 2019	Trend
NORTH	31.098	53.857	-42,3%
CENTER	61.098	104.628	-41,6%
SOUTH	51.075	94.634	-46,0%
UPPER	87.545	145.746	-39,9%

	JAN - MAR 2020	JAN - MAR 2019	Trend
NORTH	121.948	151.201	-19,3%
CENTER	244.097	292.620	-16,6%
SOUTH	216.101	262.504	-17,7%
UPPER	349.657	409.483	-14,6%

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.

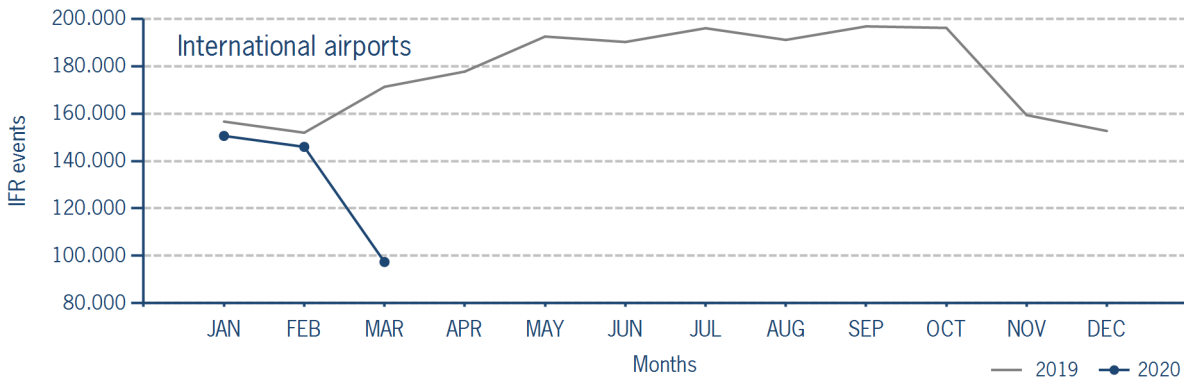
	MAR 2020	MAR 2019	Trend
International Airports	97.396	171.299	-43,1%
Regional Airports	7.915	12.266	-35,5%
Total	105.311	183.565	-42,6%

	JAN - MAR 2020	JAN - MAR 2019	Trend
International Airports	393.958	479.868	-17,9%
Regional Airports	29.880	35.441	-15,7%
Total	423.838	515.309	-17,8%

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

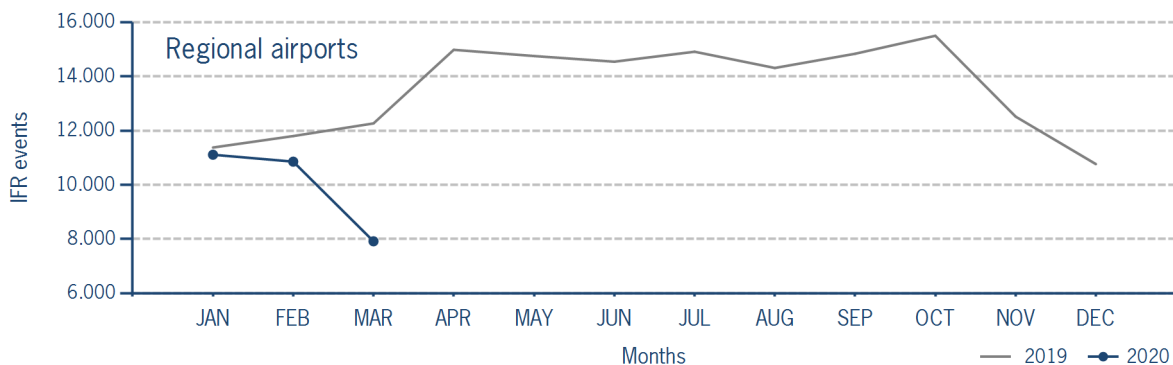
IFR flights at international German airports

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



IFR flights at regional German airports

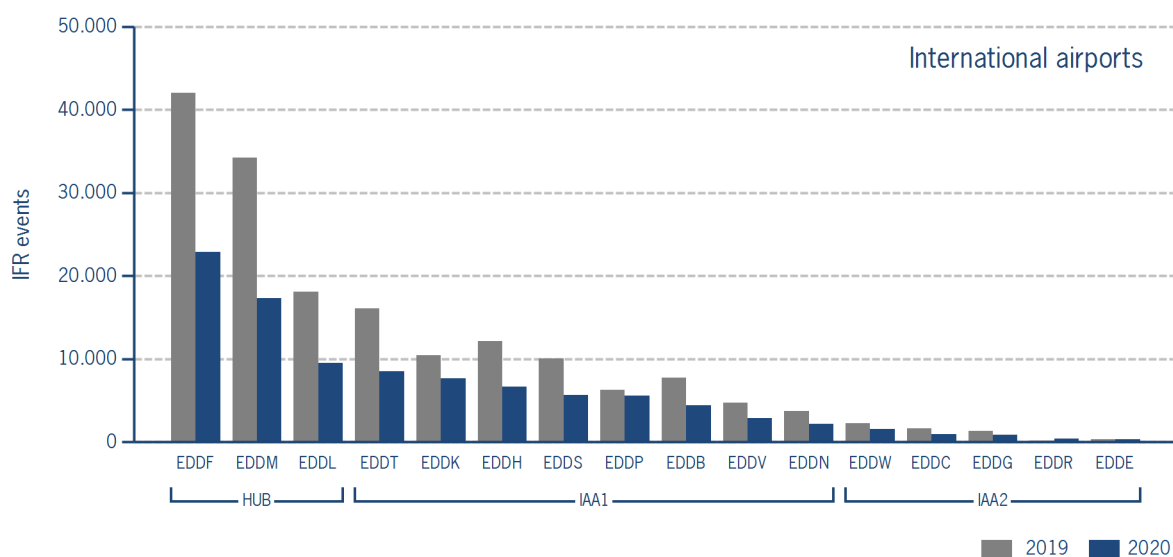
IFR events (take-offs and landings) at the different regional towers in the Federal Republic of Germany with control zone and barely any PPR.



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).

		MAR 2020	Trend	JAN - MAR 2020	Trend
HUB					
EDDF	Frankfurt/Main	22.862	-45,6%	95.097	-18,4%
EDDL	Düsseldorf	9.541	-47,2%	40.187	-21,1%
EDDM	München	17.296	-49,5%	77.320	-18,9%
IAA1					
EDDB	Berlin-Schönefeld	4.387	-43,2%	16.715	-23,4%
EDDH	Hamburg	6.633	-45,4%	26.942	-19,7%
EDDK	Köln/Bonn	7.690	-26,4%	27.200	-8,5%
EDDN	Nürnberg	2.224	-40,8%	9.052	-16,6%
EDDP	Leipzig/Halle	5.588	-10,9%	16.607	-5,6%
EDDS	Stuttgart	5.631	-44,0%	23.339	-15,5%
EDDT	Berlin-Tegel	8.527	-47,0%	34.614	-24,2%
EDDV	Hannover	2.876	-39,3%	11.292	-14,0%
IAA2					
EDDC	Dresden	964	-40,5%	3.975	-13,7%
EDDE	Erfurt/Weimar	322	7,0%	911	-1,7%
EDDG	Münster/Osnabrück	883	-34,2%	3.526	-7,6%
EDDR	Saarbrücken	406	110,4%	1.413	3,1%
EDDW	Bremen	1.566	-30,4%	5.768	-8,6%

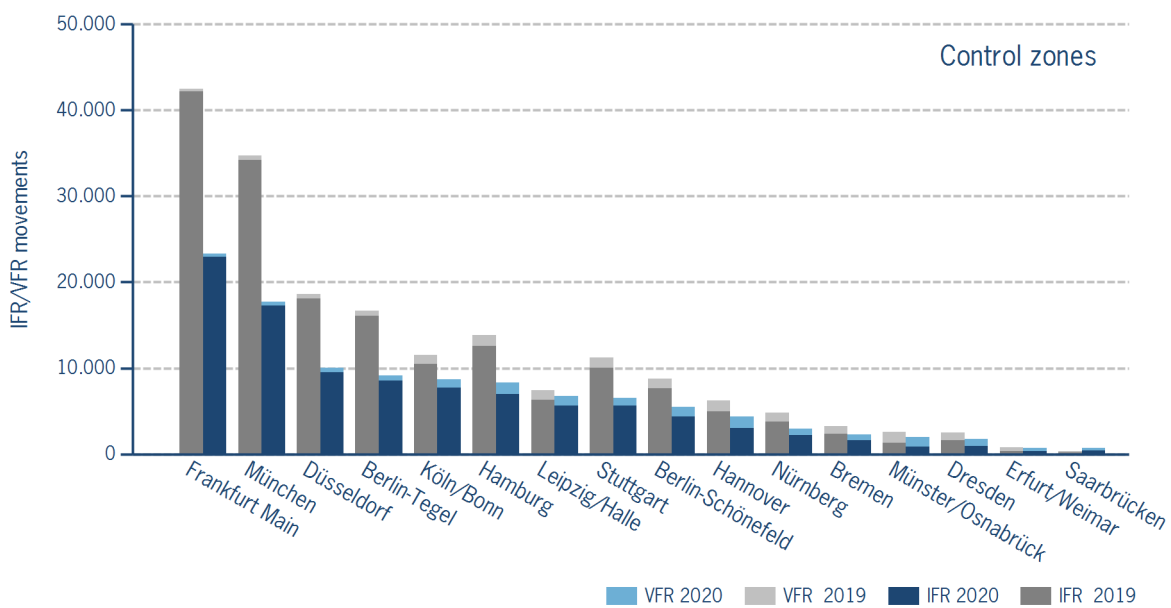


IFR/VFR flights in control zones of DFS towers

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

	MAR 2020	Trend	JAN - MAR 2020	Trend
Berlin-Schönefeld	5.478	-37,8%	19.423	-20,9%
Berlin-Tegel	9.180	-45,1%	36.358	-23,2%
Bremen	2.283	-29,0%	7.696	-11,9%
Dresden	1.741	-29,5%	6.064	-9,6%
Düsseldorf	10.021	-46,2%	41.560	-20,6%
Erfurt/Weimar	697	-9,1%	1.987	-8,2%
Frankfurt Main	23.298	-45,2%	96.216	-18,3%
Hamburg	8.318	-40,1%	31.344	-18,0%
Hannover	4.368	-30,3%	15.356	-11,7%
Köln/Bonn	8.695	-24,6%	29.744	-8,7%
Leipzig/Halle	6.757	-8,6%	19.168	-5,6%
München	17.692	-49,1%	78.482	-18,8%
Münster/Osnabrück	1.980	-23,6%	6.264	-12,3%
Nürnberg	2.968	-38,6%	11.170	-17,9%
Saarbrücken	692	124,7%	2.200	3,4%
Stuttgart	6.506	-42,3%	26.116	-15,1%

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



IFR flights at regional German airports - in detail

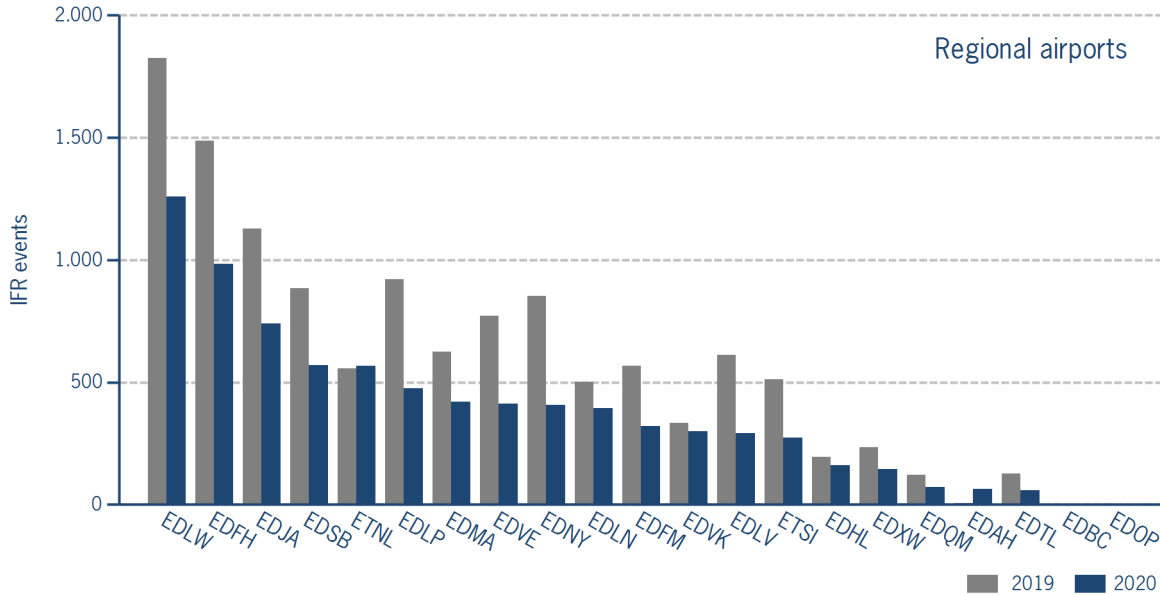
IFR events (take-offs and landings) at the different regional towers in the Federal Republic of Germany with control zone and barely any PPR.

		MAR 2020	Trend	JAN - MAR 2020	Trend
EDAH	Heringsdorf	63	OLC*	198	94,1%
EDBC	Magdeburg/Cochstedt	0	N/A	0	-100,0%
EDFH	Frankfurt-Hahn	983	-33,9%	3.120	-25,0%
EDFM	Mannheim City	320	-43,7%	1.276	-17,9%
EDHL	Lübeck-Blankensee	162	-16,5%	441	-25,8%
EDJA	Memmingen	740	-34,3%	2.990	-8,5%
EDLN	Mönchengladbach	393	-21,9%	1.280	-14,1%
EDLP	Paderborn/Lippstadt	475	-48,4%	1.866	-31,1%
EDLV	Niederrhein	293	-52,2%	1.239	-30,3%
EDLW	Dortmund	1.259	-31,0%	4.906	-7,9%
EDMA	Augsburg	421	-32,6%	1.398	-5,0%
EDNY	Friedrichshafen	408	-52,1%	1.966	-18,9%
EDOP	Schwerin-Parchim	0	-100,0%	0	-100,0%
EDQM	Hof-Plauen	71	-41,8%	268	-20,5%
EDSB	Karlsruhe/Baden-Baden	571	-35,4%	2.160	-12,3%
EDTL	Lahr	58	-54,3%	263	-26,3%
EDVE	Braunschweig-Wolfsburg	413	-46,5%	1.813	-18,9%
EDVK	Kassel-Calden	299	-10,5%	846	-6,6%
EDXW	Sylt	145	-38,3%	609	-20,5%
ETNL	Laage	567	1,6%	2.130	2,4%
ETSI	Ingolstadt/Manching	274	-46,5%	1.111	-20,7%

*The value is of limited conclusiveness (OLC).

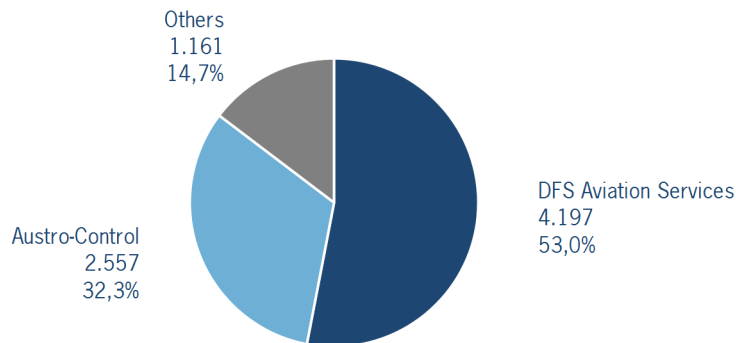
IFR flights at regional German airports - in detail

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)