



LIZ Air traffic statistics

MAR 2019

DFS Situation and Information Centre

Version 05.04.2019

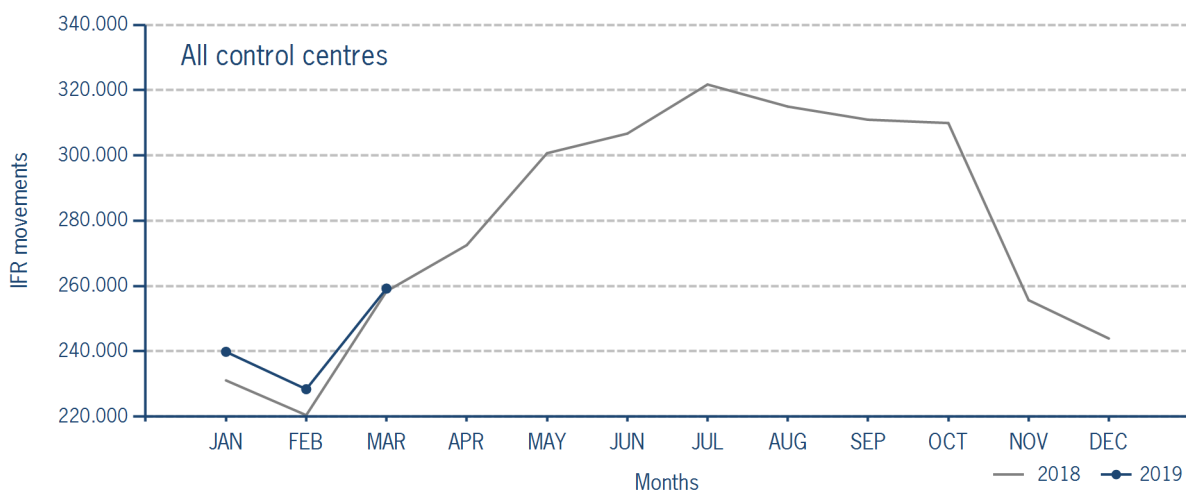
Please Note: Saarbrücken airport (EDDR) was closed from 10 March to 31 March 2019

IFR flights in the Federal Republic of Germany

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

	MAR 2019	MAR 2018	Trend
Civil flights	255.895	254.453	0,6%
Military flights	3.304	3.913	-15,6%
Total	259.199	258.366	0,3%

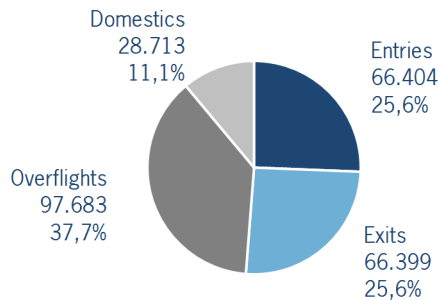
	JAN - MAR 2019	JAN - MAR 2018	Trend
Civil flights	717.707	699.460	2,6%
Military flights	9.684	10.358	-6,5%
Total	727.391	709.818	2,5%



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.

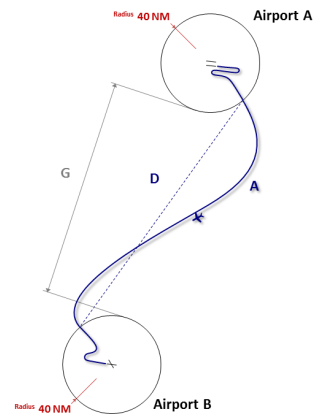


Please note: This count covers the traffic in the area build by all control sectors with a German designator („ED“), regardless of the service provider, including civil and military traffic in sectors controlled by DFS and Maastricht UAC (Maastricht-Hannover sectors). The area counted is composed of 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 2019	
Evaluated traffic	232.714
Average actual route / flight	331,2 km
Average direct course / flight	327,4 km
Average direct route extension / flight	3,8 km
Average direct route extension / flight	1,2%



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	3,5	3,8	3,8									
Avg. direct route ext.	1,1%	1,2%	1,2%									

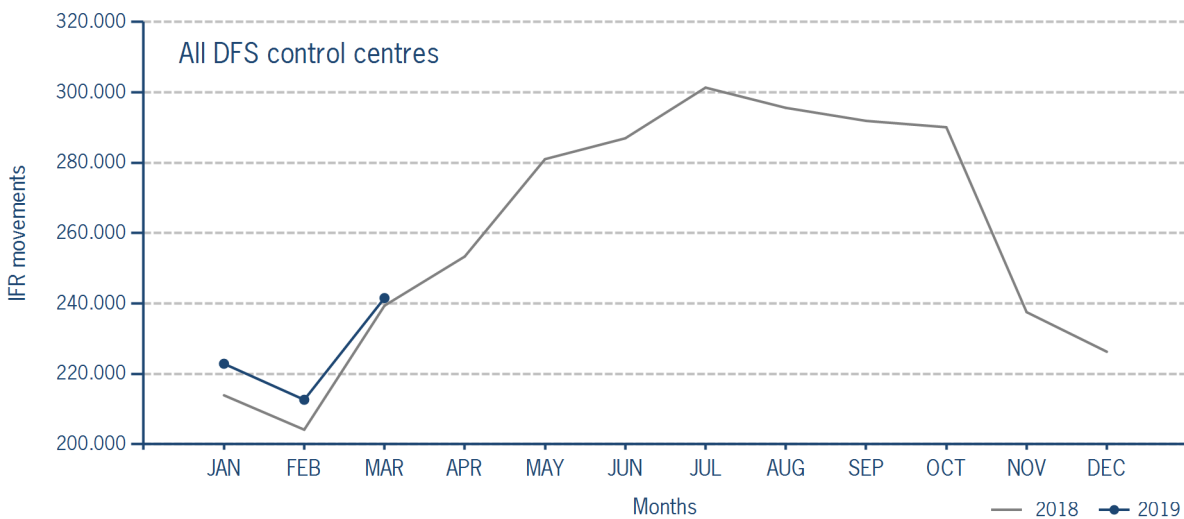
IFR flights controlled by DFS

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

	MAR 2019	MAR 2018	Trend
Civil flights	238.258	235.496	1,2%
Military flights	3.315	3.912	-15,3%
Total	241.573	239.408	0,9%

	JAN - MAR 2019	JAN - MAR 2018	Trend
Civil flights	667.415	647.192	3,1%
Military flights	9.727	10.318	-5,7%
Total	677.142	657.510	3,0%

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.



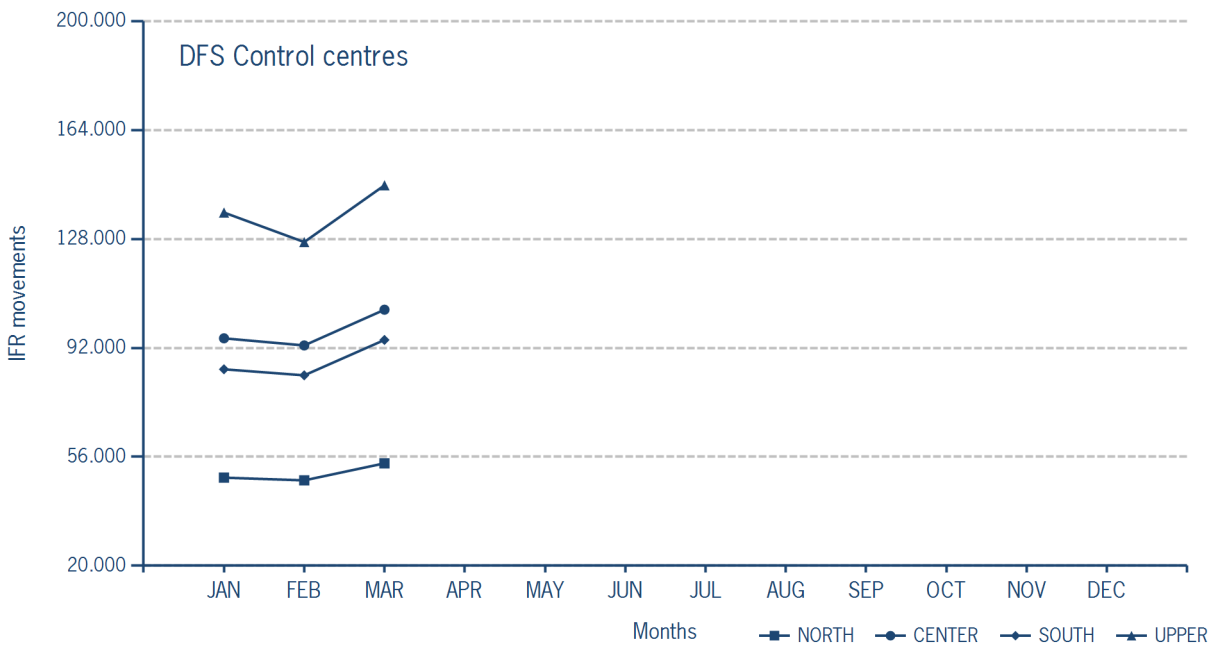
IFR flights controlled by DFS - in detail

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

	MAR 2019	MAR 2018	Trend
NORTH	53.857	52.443	2,7%
CENTER	104.628	104.683	-0,1%
SOUTH	94.634	92.335	2,5%
UPPER	145.746	145.291	0,3%

	JAN - MAR 2019	JAN - MAR 2018	Trend
NORTH	151.201	142.567	6,1%
CENTER	292.620	285.739	2,4%
SOUTH	262.504	253.802	3,4%
UPPER	409.483	402.480	1,7%

Please note: The trend numbers compare counts of the airspaces in their current configuration to the count of the same airspace in 2018.



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.

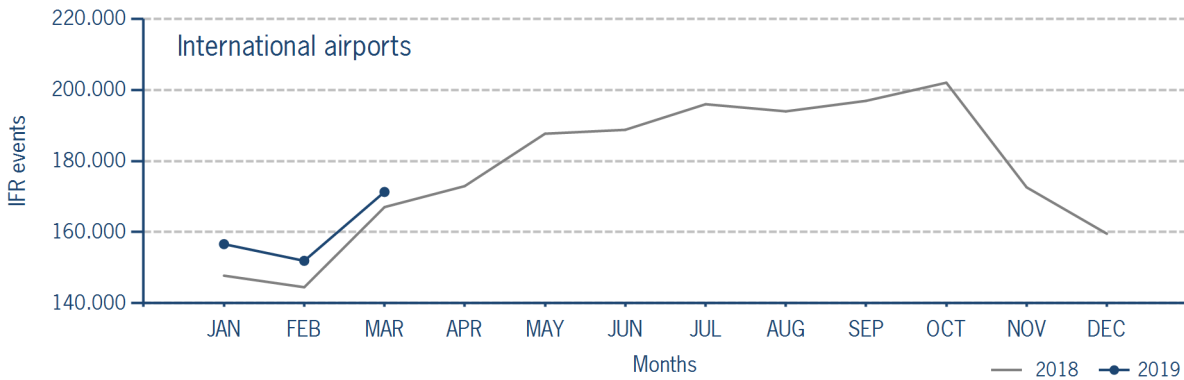
	MAR 2019	MAR 2018	Trend
International Airports	171.299	167.038	2,6%
Regional Airports	12.266	12.702	-3,4%
Total	183.565	179.740	2,1%

	JAN - MAR 2019	JAN - MAR 2018	Trend
International Airports	479.868	459.314	4,5%
Regional Airports	35.441	34.876	1,6%
Total	515.309	494.190	4,3%

Please note: The airport Magdeburg-Cochstedt (EDBC) is currently closed.

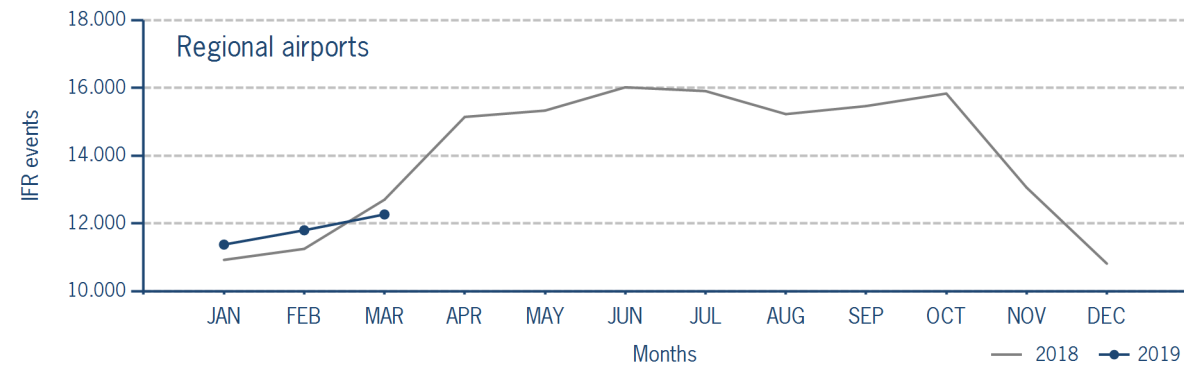
IFR flights at international German airports

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



IFR flights at regional German airports

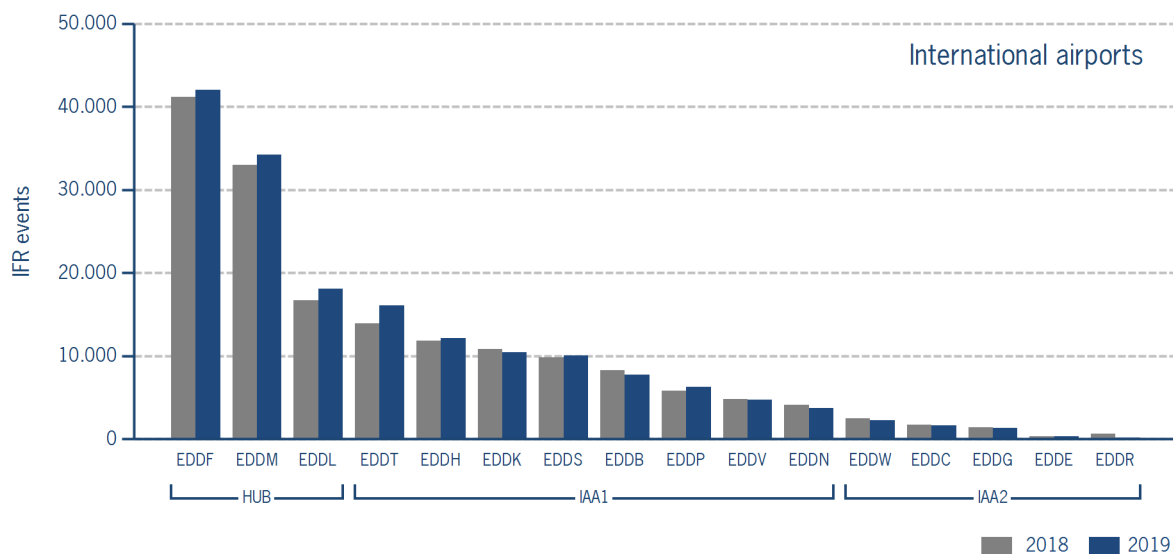
IFR events (take-offs and landings) at the different regional towers in the Federal Republic of Germany with control zone and barely any PPR.



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 2019	Trend	JAN - MAR 2019	Trend
HUB					
EDDF	Frankfurt/Main	42.045	2,0%	116.560	3,0%
EDDL	Düsseldorf	18.079	8,1%	50.919	10,4%
EDDM	München	34.221	3,7%	95.374	3,1%
IAA1					
EDDB	Berlin-Schönefeld	7.727	-6,5%	21.811	-4,2%
EDDH	Hamburg	12.159	2,7%	33.555	3,4%
EDDK	Köln/Bonn	10.444	-3,7%	29.730	-0,6%
EDDN	Nürnberg	3.755	-8,5%	10.859	-3,6%
EDDP	Leipzig/Halle	6.275	7,7%	17.593	6,1%
EDDS	Stuttgart	10.053	1,9%	27.631	4,1%
EDDT	Berlin-Tegel	16.099	15,4%	45.669	22,0%
EDDV	Hannover	4.738	-2,1%	13.133	0,4%
IAA2					
EDDC	Dresden	1.620	-6,6%	4.607	0,5%
EDDE	Erfurt/Weimar	301	-15,4%	927	4,3%
EDDG	Münster/Osnabrück	1.341	-2,7%	3.817	1,4%
EDDR	Saarbrücken	193	-70,0%	1.371	-25,2%
EDDW	Bremen	2.249	-9,8%	6.312	-1,7%

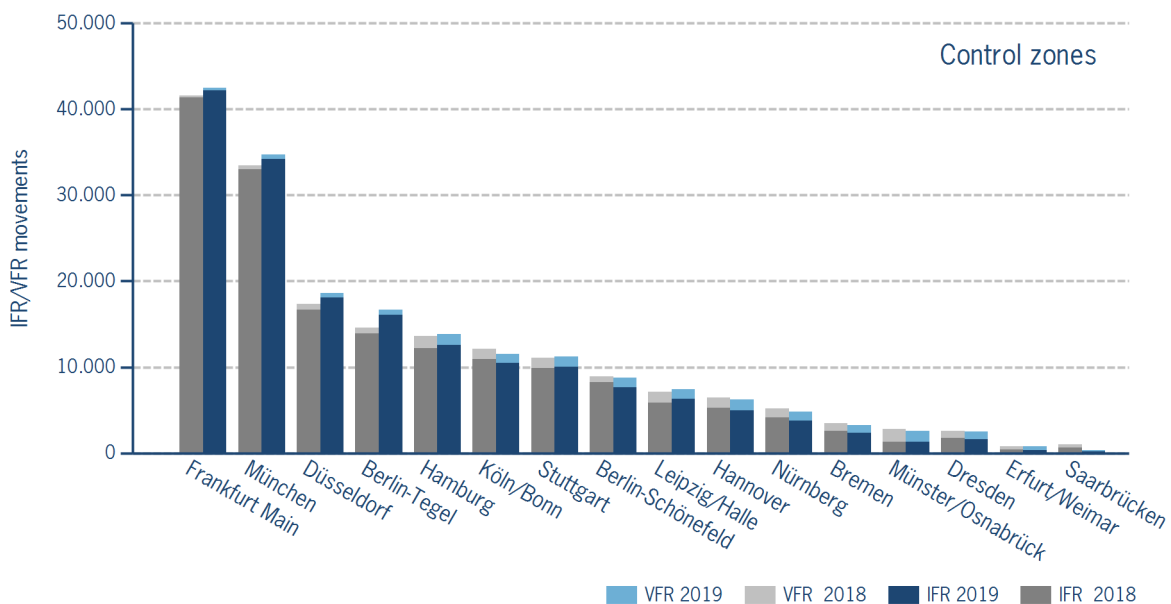


IFR/VFR flights in control zones of DFS towers

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

	MAR 2019	Trend	JAN - MAR 2019	Trend
Berlin-Schönefeld	8.802	-1,7%	24.565	-0,5%
Berlin-Tegel	16.707	14,4%	47.315	20,4%
Bremen	3.217	-7,7%	8.738	-3,2%
Dresden	2.470	-3,1%	6.708	0,8%
Düsseldorf	18.619	7,4%	52.341	9,7%
Erfurt/Weimar	767	-6,8%	2.164	3,3%
Frankfurt Main	42.511	2,2%	117.741	3,1%
Hamburg	13.879	1,7%	38.246	3,2%
Hannover	6.266	-3,2%	17.382	0,1%
Köln/Bonn	11.539	-4,6%	32.577	-2,0%
Leipzig/Halle	7.390	3,2%	20.315	4,3%
München	34.736	3,9%	96.692	3,2%
Münster/Osnabrück	2.593	-7,3%	7.146	-6,3%
Nürnberg	4.833	-7,3%	13.598	-2,4%
Saarbrücken	308	-70,3%	2.128	-24,6%
Stuttgart	11.266	1,5%	30.748	4,0%

Additional information: Münster reported 302 glider movements for the current month, i.e. 302 glider movements for the cumulated year.



IFR flights at regional German airports - in detail

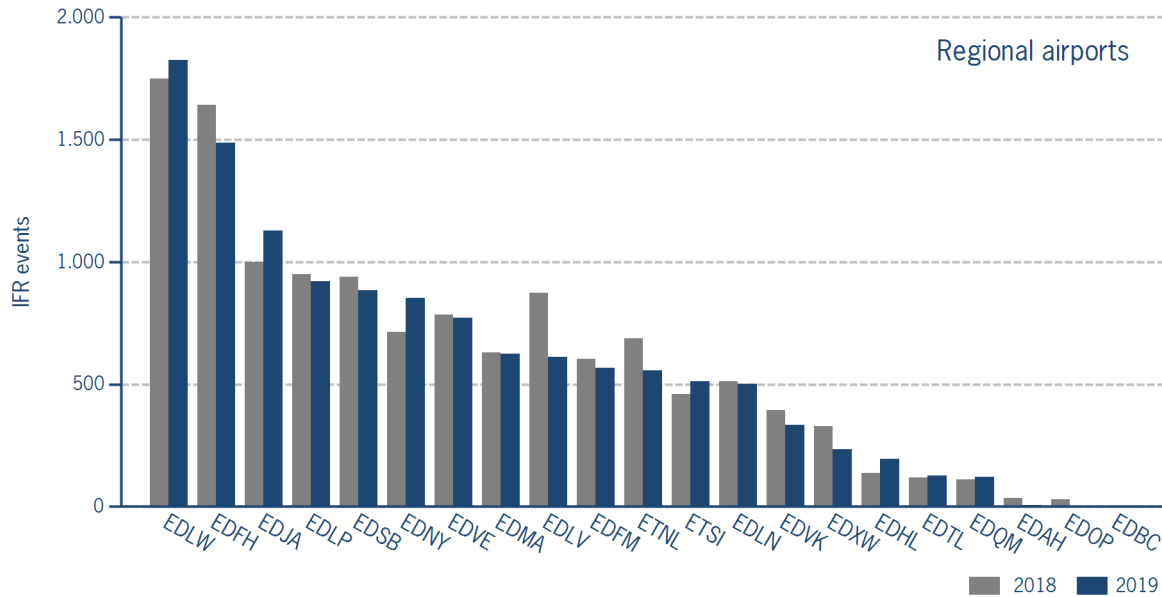
IFR events (take-offs and landings) at the different regional towers in the Federal Republic of Germany with control zone and barely any PPR.

		MAR 2019	Trend	JAN - MAR 2019	Trend
EDAH	Heringsdorf	6	-82,4%	102	22,9%
EDBC	Magdeburg/Cochstedt	0	-100,0%	1	0,0%
EDFH	Frankfurt-Hahn	1.487	-9,4%	4.160	-8,1%
EDFM	Mannheim City	568	-6,0%	1.554	1,6%
EDHL	Lübeck-Blankensee	194	41,6%	594	68,8%
EDJA	Memmingen	1.127	12,8%	3.268	14,4%
EDLN	Mönchengladbach	503	-1,8%	1.490	-2,0%
EDLP	Paderborn/Lippstadt	920	-3,2%	2.707	5,8%
EDLV	Niederrhein	613	-29,9%	1.777	-22,2%
EDLW	Dortmund	1.824	4,3%	5.327	9,2%
EDMA	Augsburg	625	-1,0%	1.472	-4,5%
EDNY	Friedrichshafen	852	19,3%	2.423	12,2%
EDOP	Schwerin-Parchim	3	-89,7%	22	-87,4%
EDQM	Hof-Plauen	122	8,9%	337	17,8%
EDSB	Karlsruhe/Baden-Baden	884	-6,0%	2.462	-1,5%
EDTL	Lahr	127	7,6%	357	6,9%
EDVE	Braunschweig-Wolfsburg	772	-1,7%	2.235	-0,9%
EDVK	Kassel-Calden	334	-15,0%	906	-7,5%
EDXW	Sylt	235	-28,4%	766	-0,8%
ETNL	Laage	558	-19,0%	2.080	6,3%
ETSI	Ingolstadt/Manching	512	11,3%	1.401	5,6%

*The value is of limited conclusiveness (OLC).

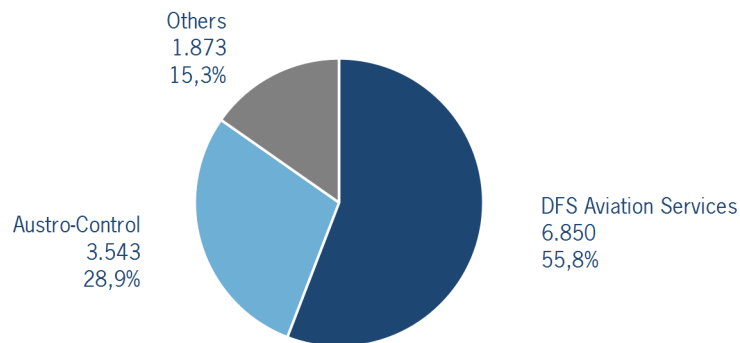
IFR flights at regional German airports - in detail

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)

Others: Ingolstadt/Manching (ETSI), Laage (ETNL), Mannheim City (EDFM), Sylt (EDXW)