



LIZ Air traffic statistics

APR 2019

DFS Situation and Information Centre

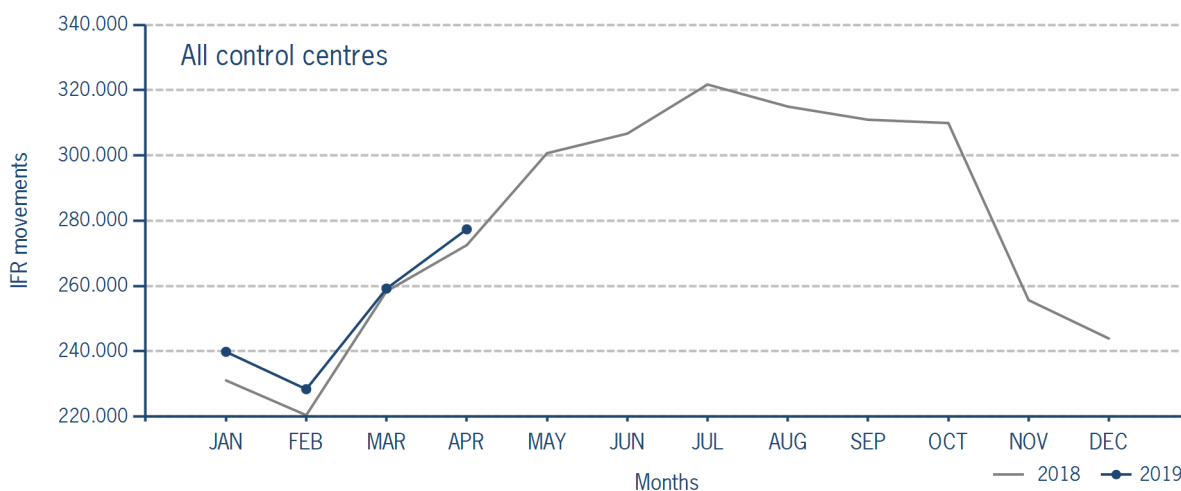
Version 09.05.2019

IFR flights in the Federal Republic of Germany

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

	APR 2019	APR 2018	Trend
Civil flights	274.003	269.200	1,8%
Military flights	3.366	3.319	1,4%
Total	277.369	272.519	1,8%

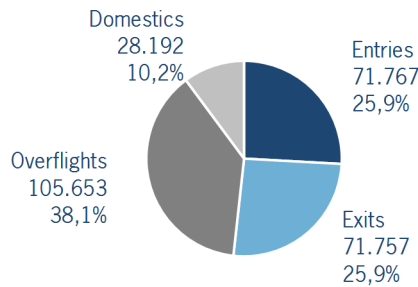
	JAN - APR 2019	JAN - APR 2018	Trend
Civil flights	991.710	968.660	2,4%
Military flights	13.050	13.677	-4,6%
Total	1.004.760	982.337	2,3%



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.

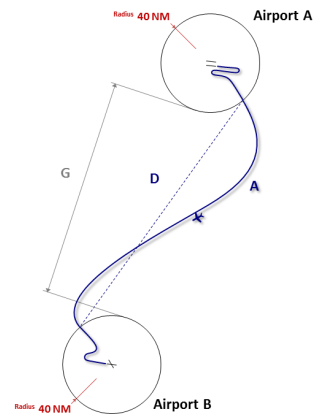


Please note: This count covers the traffic in the area build by all control sectors with a German designator („ED“), regardless of the service provider, including civil and military traffic in sectors controlled by DFS and Maastricht UAC (Maastricht-Hannover sectors). The area counted is composed of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

APR 2019	
Evaluated traffic	248.089
Average actual route / flight	330,7 km
Average direct course / flight	326,8 km
Average direct route extension / flight	3,9 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	3,9								
Avg. direct route ext.	1,1%	1,2%	1,2%	1,2%								

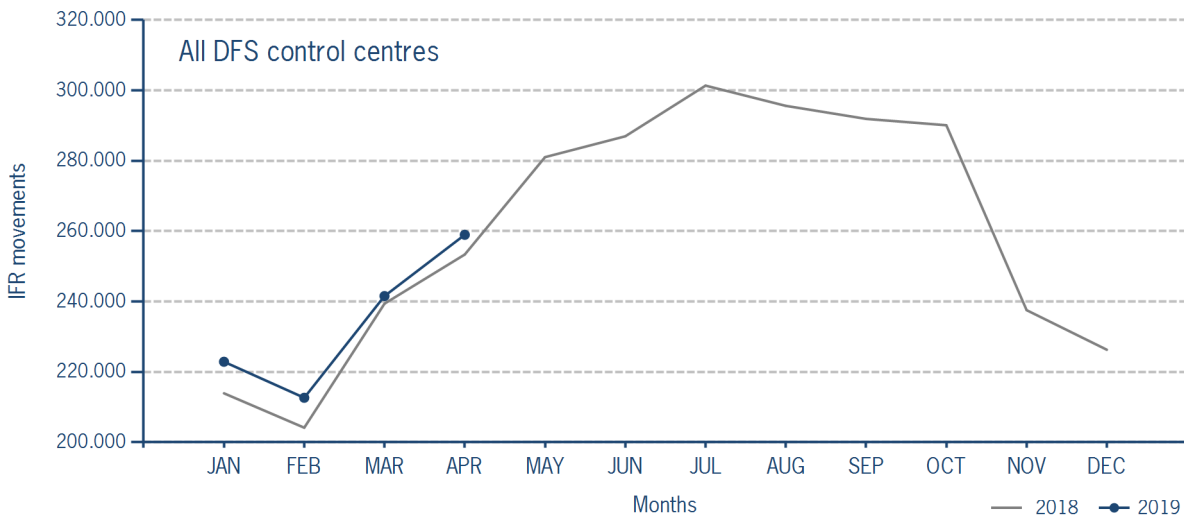
IFR flights controlled by DFS

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

	APR 2019	APR 2018	Trend
Civil flights	255.617	250.067	2,2%
Military flights	3.363	3.311	1,6%
Total	258.980	253.378	2,2%

	JAN - APR 2019	JAN - APR 2018	Trend
Civil flights	923.032	897.259	2,9%
Military flights	13.090	13.629	-4,0%
Total	936.122	910.888	2,8%

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.



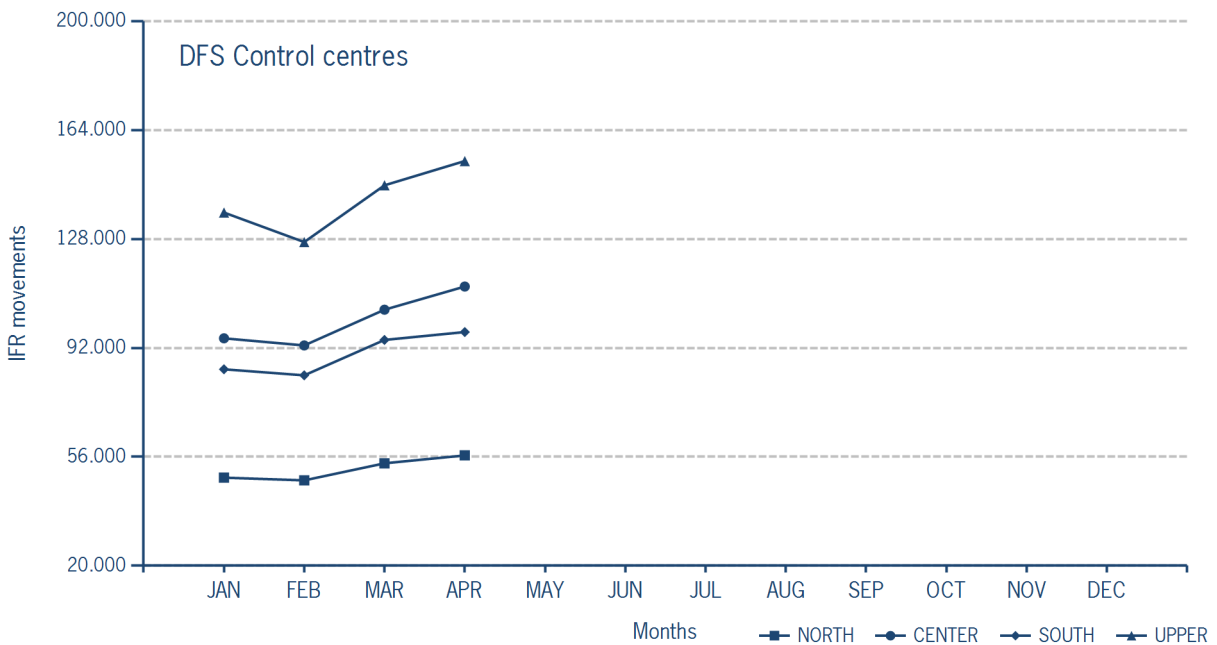
IFR flights controlled by DFS - in detail

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

	APR 2019	APR 2018	Trend
NORTH	56.464	55.333	2,0%
CENTER	112.285	110.005	2,1%
SOUTH	97.248	95.261	2,1%
UPPER	153.764	154.224	-0,3%

	JAN - APR 2019	JAN - APR 2018	Trend
NORTH	207.665	197.900	4,9%
CENTER	404.905	395.744	2,3%
SOUTH	359.752	349.063	3,1%
UPPER	563.247	556.704	1,2%

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.

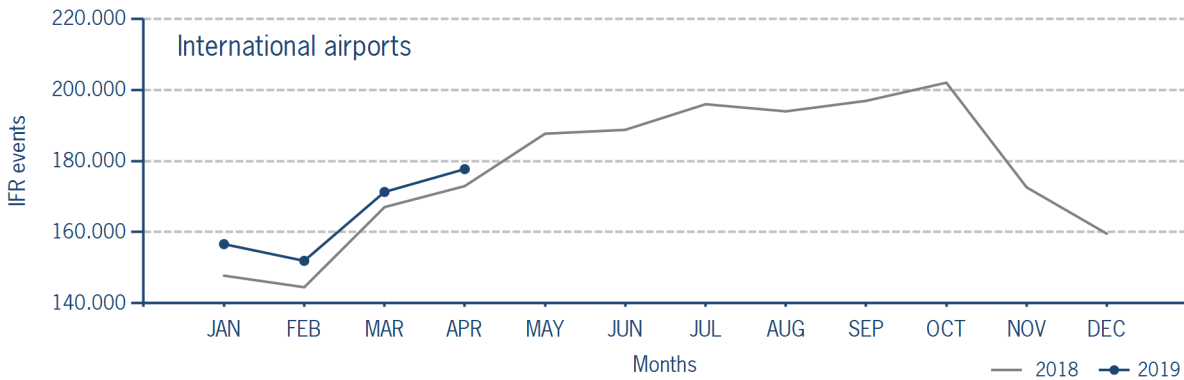
	APR 2019	APR 2018	Trend
International Airports	177.719	172.951	2,8%
Regional Airports	14.982	15.145	-1,1%
Total	192.701	188.096	2,4%

	JAN - APR 2019	JAN - APR 2018	Trend
International Airports	657.587	632.265	4,0%
Regional Airports	50.423	50.021	0,8%
Total	708.010	682.286	3,8%

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

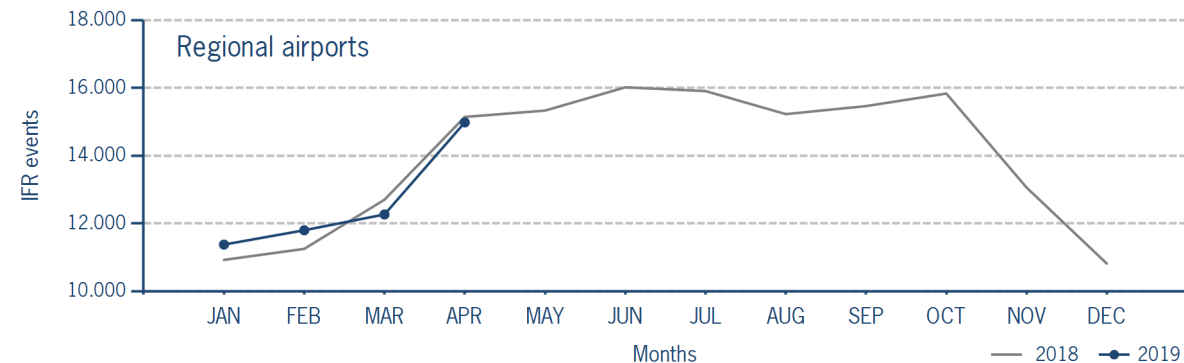
IFR flights at international German airports

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



IFR flights at regional German airports

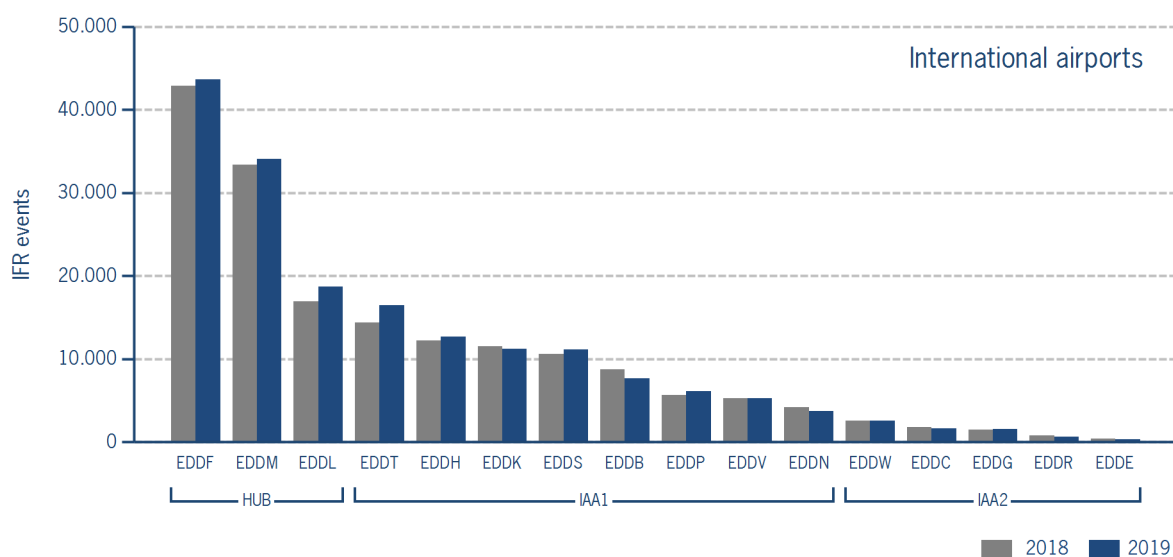
IFR events (take-offs and landings) at the different regional towers in the Federal Republic of Germany with control zone and barely any PPR.



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).

		APR 2019	Trend	JAN - APR 2019	Trend
HUB					
EDDF	Frankfurt/Main	43.670	1,9%	160.230	2,7%
EDDL	Düsseldorf	18.722	10,7%	69.641	10,5%
EDDM	München	34.087	2,1%	129.461	2,9%
IAA1					
EDDB	Berlin-Schönefeld	7.645	-12,8%	29.456	-6,6%
EDDH	Hamburg	12.714	3,8%	46.269	3,5%
EDDK	Köln/Bonn	11.234	-2,3%	40.964	-1,1%
EDDN	Nürnberg	3.731	-11,7%	14.590	-5,8%
EDDP	Leipzig/Halle	6.138	7,7%	23.731	6,5%
EDDS	Stuttgart	11.152	5,3%	38.783	4,4%
EDDT	Berlin-Tegel	16.448	14,2%	62.117	19,9%
EDDV	Hannover	5.288	0,2%	18.421	0,4%
IAA2					
EDDC	Dresden	1.659	-7,6%	6.266	-1,8%
EDDE	Erfurt/Weimar	364	-12,7%	1.291	-1,1%
EDDG	Münster/Osnabrück	1.602	5,5%	5.419	2,6%
EDDR	Saarbrücken	665	-12,4%	2.036	-21,5%
EDDW	Bremen	2.600	0,8%	8.912	-0,9%

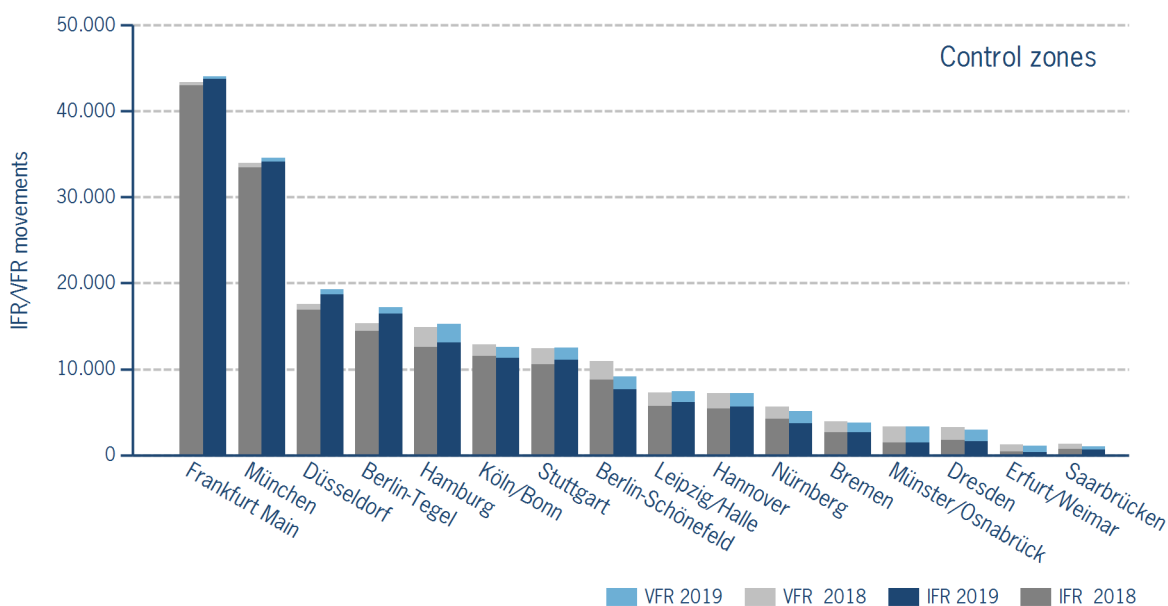


IFR/VFR flights in control zones of DFS towers

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

	APR 2019	Trend	JAN - APR 2019	Trend
Berlin-Schönefeld	9.134	-16,4%	33.699	-5,4%
Berlin-Tegel	17.230	12,6%	64.545	18,2%
Bremen	3.802	-2,2%	12.540	-2,9%
Dresden	2.978	-9,1%	9.686	-2,4%
Düsseldorf	19.310	10,1%	71.651	9,8%
Erfurt/Weimar	1.057	-13,9%	3.221	-3,1%
Frankfurt Main	44.093	1,7%	161.834	2,7%
Hamburg	15.274	2,6%	53.520	3,0%
Hannover	7.224	-0,1%	24.606	0,1%
Köln/Bonn	12.588	-2,4%	45.165	-2,1%
Leipzig/Halle	7.457	2,1%	27.772	3,7%
München	34.588	1,7%	131.280	2,8%
Münster/Osnabrück	3.331	0,5%	10.477	-4,2%
Nürnberg	5.084	-10,0%	18.682	-4,6%
Saarbrücken	1.037	-20,5%	3.165	-23,3%
Stuttgart	12.521	0,6%	43.269	3,0%

Additional information: Münster reported 504 glider movements for the current month, i.e. 806 glider movements for the cumulated year.



IFR flights at regional German airports - in detail

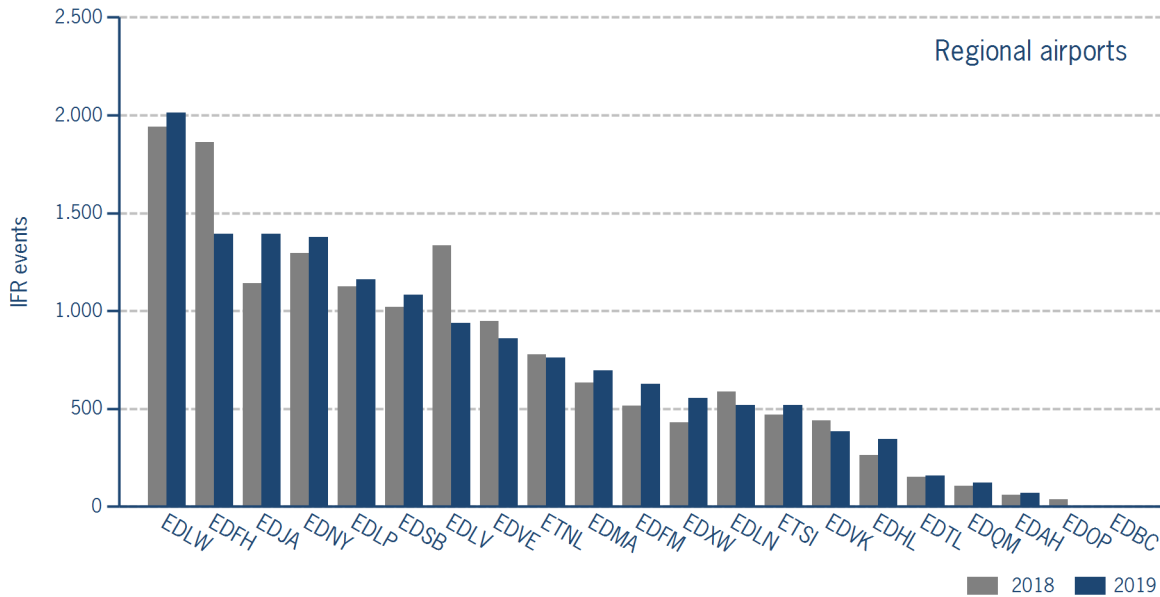
IFR events (take-offs and landings) at the different regional towers in the Federal Republic of Germany with control zone and barely any PPR.

		APR 2019	Trend	JAN - APR 2019	Trend
EDAH	Heringsdorf	70	14,8%	172	19,4%
EDBC	Magdeburg/Cochstedt	0	N/A	1	0,0%
EDFH	Frankfurt-Hahn	1.395	-25,1%	5.555	-13,1%
EDFM	Mannheim City	626	21,6%	2.180	6,6%
EDHL	Lübeck-Blankensee	345	30,7%	939	52,4%
EDJA	Memmingen	1.393	22,0%	4.661	16,6%
EDLN	Mönchengladbach	518	-11,8%	2.008	-4,7%
EDLP	Paderborn/Lippstadt	1.162	3,4%	3.869	5,1%
EDLV	Niederrhein	938	-29,7%	2.715	-25,0%
EDLW	Dortmund	2.013	3,7%	7.340	7,7%
EDMA	Augsburg	696	9,6%	2.168	-0,4%
EDNY	Friedrichshafen	1.377	6,4%	3.800	10,0%
EDOP	Schwerin-Parchim	2	-94,4%	24	-88,6%
EDQM	Hof-Plauen	124	17,0%	461	17,6%
EDSB	Karlsruhe/Baden-Baden	1.082	6,1%	3.544	0,7%
EDTL	Lahr	160	5,3%	517	6,4%
EDVE	Braunschweig-Wolfsburg	860	-9,4%	3.095	-3,4%
EDVK	Kassel-Calden	385	-12,7%	1.291	-9,1%
EDXW	Sylt	556	29,3%	1.322	10,0%
ETNL	Laage	762	-2,2%	2.842	3,9%
ETSI	Ingolstadt/Manching	518	10,0%	1.919	6,7%

*The value is of limited conclusiveness (OLC).

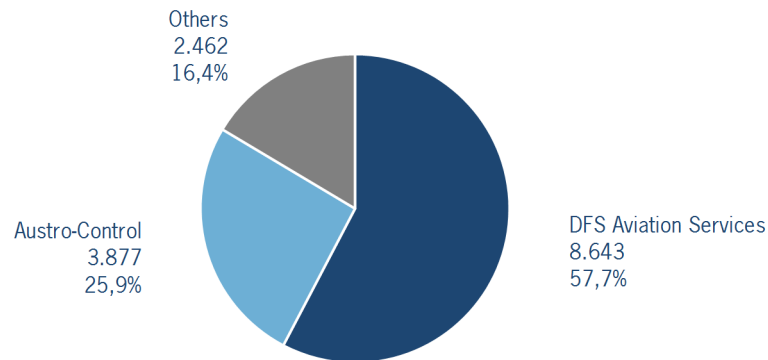
IFR flights at regional German airports - in detail

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)

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