



LIZ Air traffic statistics

MAR 2018

DFS Situation and Information Centre

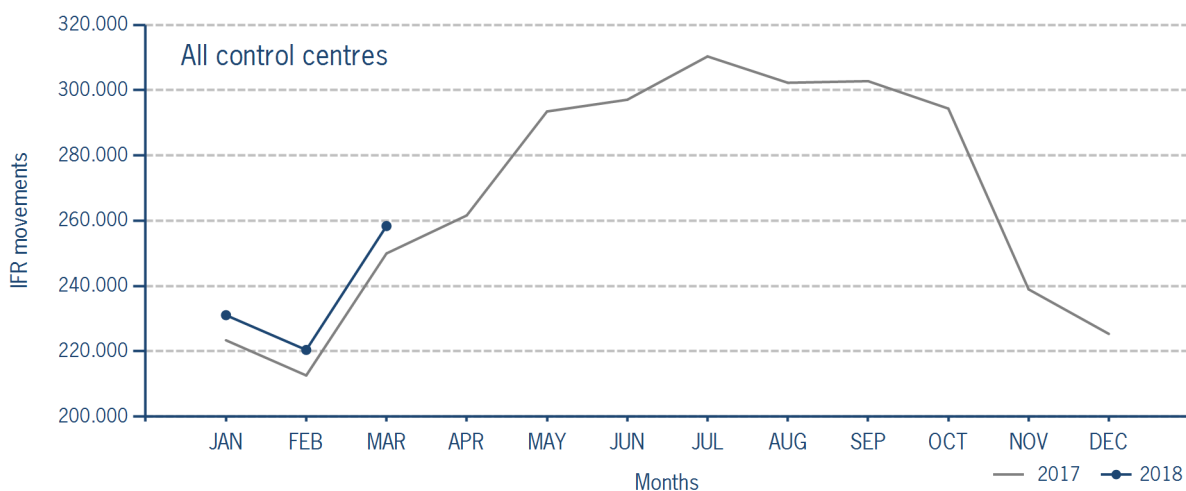
Version 12.04.2018

IFR flights in the Federal Republic of Germany

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

	MAR 2018	MAR 2017	Trend
Civil flights	254.453	246.010	3,4%
Military flights	3.913	3.961	-1,2%
Total	258.366	249.971	3,4%

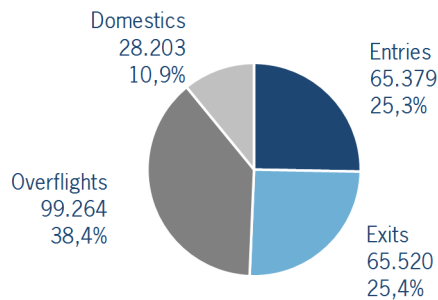
	JAN - MAR 2018	JAN - MAR 2017	Trend
Civil flights	699.460	675.458	3,6%
Military flights	10.358	10.447	-0,9%
Total	709.818	685.905	3,5%



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.

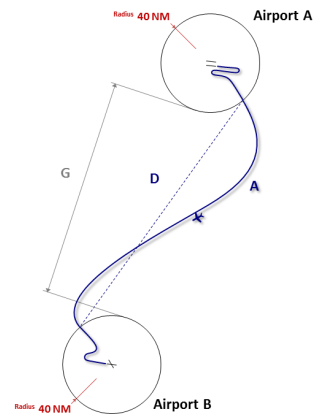


Please note: This count covers the traffic in the area build by all control sectors with a German designator („ED“), regardless of the service provider, including civil and military traffic in sectors controlled by DFS and Maastricht UAC (Maastricht-Hannover sectors). The area counted is composed of 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 2018	
Evaluated traffic	230.880
Average actual route / flight	327,8 km
Average direct course / flight	324,0 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	3,6	3,7	3,9									
Avg. direct route ext.	1,1%	1,1%	1,2%									

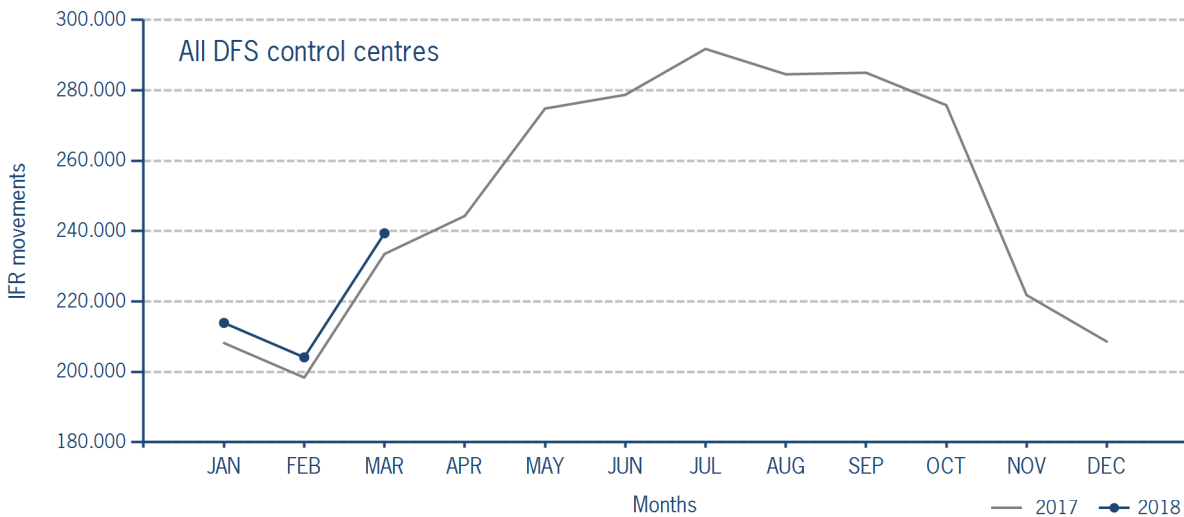
IFR flights controlled by DFS

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

	MAR 2018	MAR 2017	Trend
Civil flights	235.496	229.572	2,6%
Military flights	3.912	3.960	-1,2%
Total	239.408	233.532	2,5%

	JAN - MAR 2018	JAN - MAR 2017	Trend
Civil flights	647.192	629.695	2,8%
Military flights	10.318	10.469	-1,4%
Total	657.510	640.164	2,7%

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.



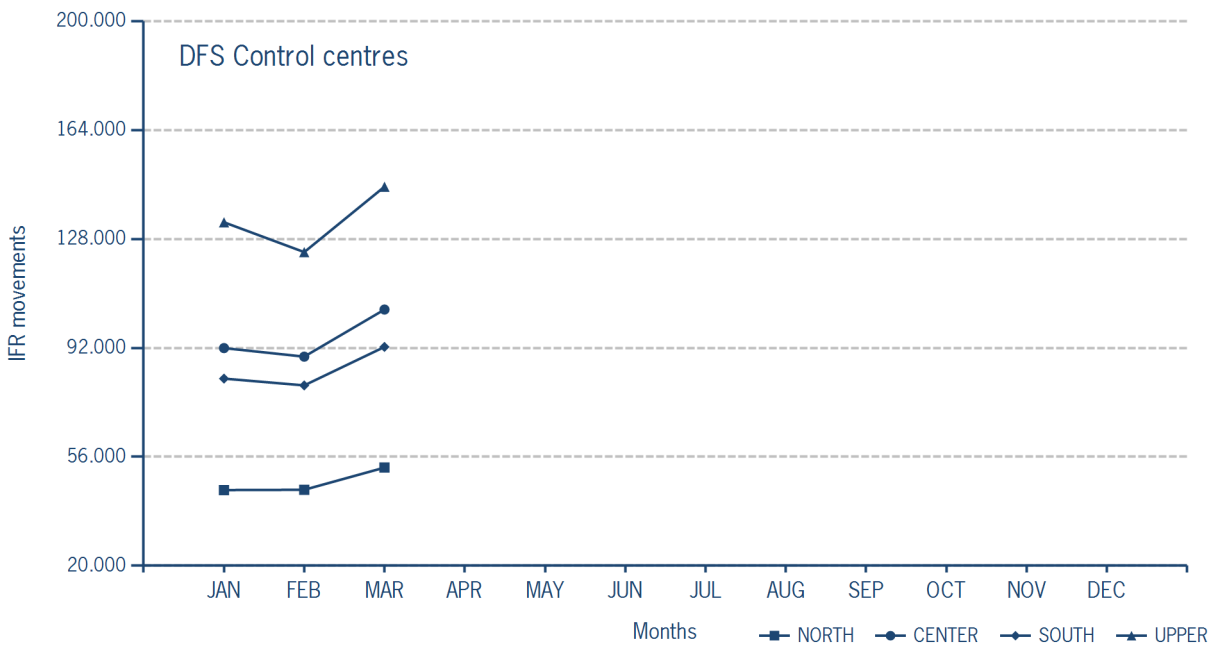
IFR flights controlled by DFS - in detail

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

	MAR 2018	MAR 2017	Trend
NORTH	52.443	53.397	-1,8%
CENTER	104.683	101.390	3,2%
SOUTH	92.335	89.868	2,7%
UPPER	145.291	139.976	3,8%

	JAN - MAR 2018	JAN - MAR 2017	Trend
NORTH	142.567	147.380	-3,3%
CENTER	285.739	274.900	3,9%
SOUTH	253.802	245.718	3,3%
UPPER	402.480	388.817	3,5%

Please note: The trend numbers compare counts of the airspaces in their current configuration to the count of the same airspace in 2017.



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.

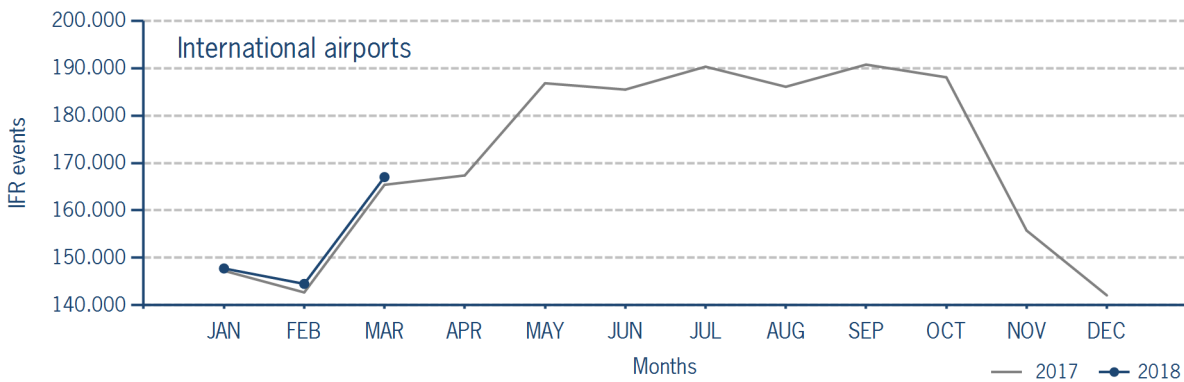
	MAR 2018	MAR 2017	Trend
International Airports	167.038	165.406	1,0%
Regional Airports	12.702	13.243	-4,1%
Total	179.740	178.649	0,6%

	JAN - MAR 2018	JAN - MAR 2017	Trend
International Airports	459.314	455.393	0,9%
Regional Airports	34.876	33.556	3,9%
Total	494.190	488.949	1,1%

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

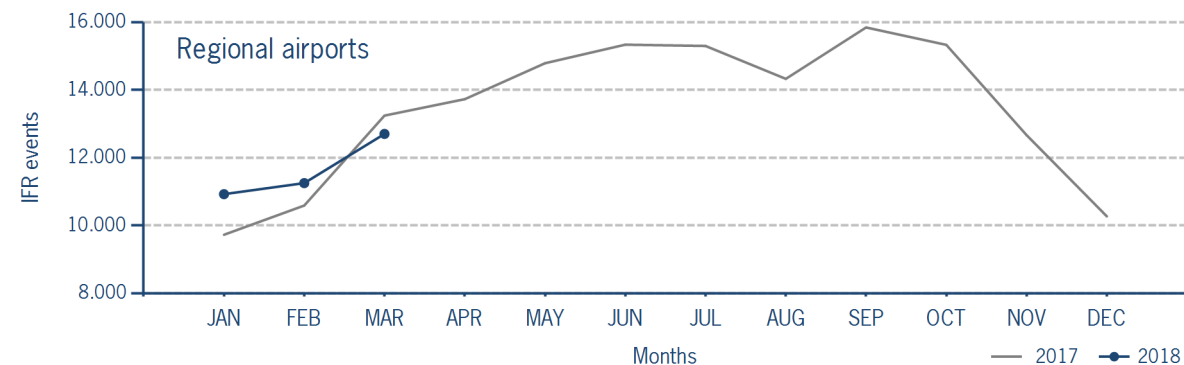
IFR flights at international German airports

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



IFR flights at regional German airports

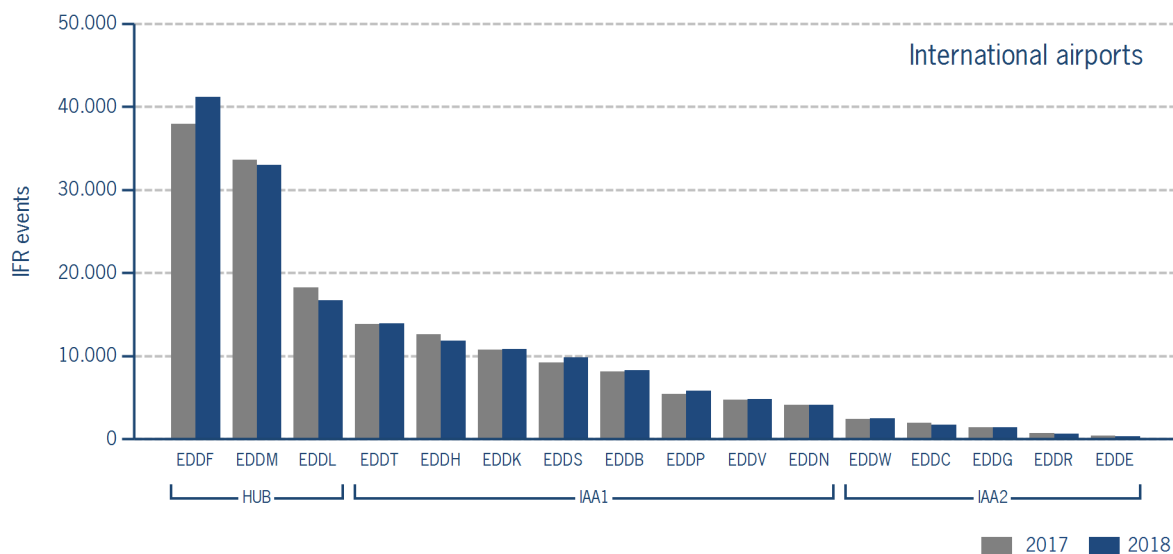
IFR events (take-offs and landings) at the different regional towers in the Federal Republic of Germany with control zone and barely any PPR.



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 2018	Trend	JAN - MAR 2018	Trend
HUB				
EDDF Frankfurt/Main	41.202	8,7%	113.200	8,3%
EDDL Düsseldorf	16.719	-8,4%	46.109	-7,5%
EDDM München	32.992	-1,8%	92.471	0,1%
IAA1				
EDDB Berlin-Schönefeld	8.260	2,0%	22.757	-2,3%
EDDH Hamburg	11.836	-6,1%	32.465	-6,0%
EDDK Köln/Bonn	10.842	0,7%	29.923	0,6%
EDDN Nürnberg	4.102	0,4%	11.267	1,0%
EDDP Leipzig/Halle	5.828	7,9%	16.588	13,9%
EDDS Stuttgart	9.861	6,9%	26.547	8,7%
EDDT Berlin-Tegel	13.950	0,8%	37.420	-6,7%
EDDV Hannover	4.841	3,0%	13.076	2,9%
IAA2				
EDDC Dresden	1.735	-10,6%	4.586	-11,2%
EDDE Erfurt/Weimar	356	-15,6%	889	-9,2%
EDDG Münster/Osnabrück	1.378	-4,0%	3.765	4,3%
EDDR Saarbrücken	644	-11,5%	1.833	-1,2%
EDDW Bremen	2.492	4,1%	6.418	-1,2%



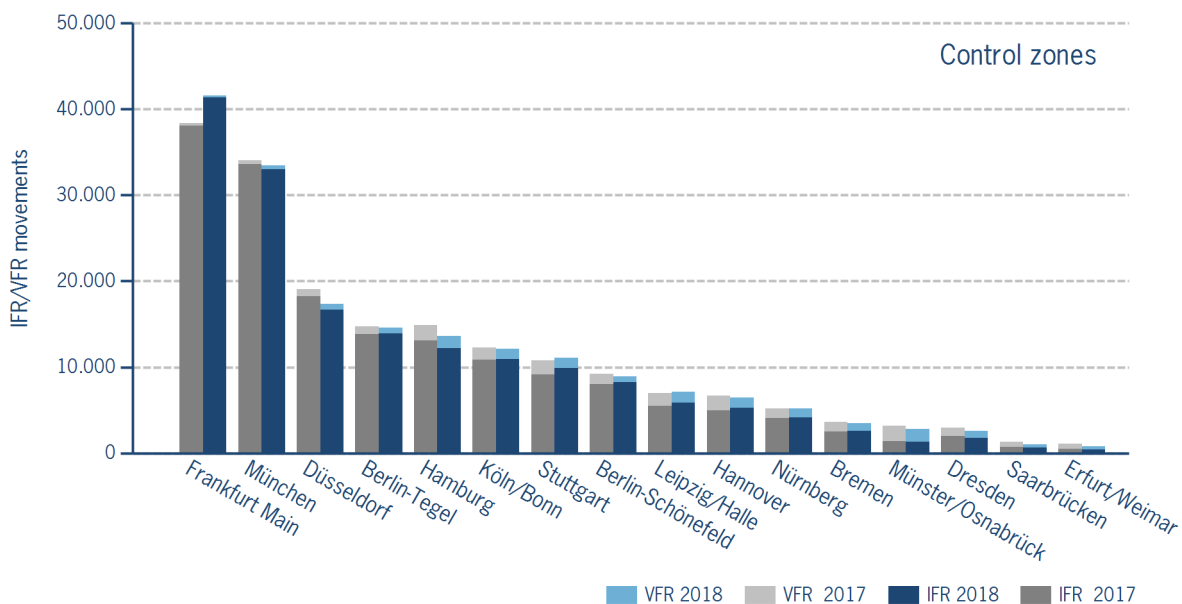
IFR/VFR flights in control zones of DFS towers

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

	MAR 2018	Trend	JAN - MAR 2018	Trend
Berlin-Schönefeld	8.950	-3,0%	24.683	-5,0%
Berlin-Tegel	14.604	-0,8%	39.296	-6,2%
Bremen	3.484	-4,1%	9.030	-2,1%
Dresden	2.550	-13,6%	6.654	-7,8%
Düsseldorf	17.339	-9,1%	47.712	-7,5%
Erfurt/Weimar	823	-22,9%	2.095	-4,3%
Frankfurt Main	41.595	8,4%	114.164	8,2%
Hamburg	13.646	-8,4%	37.060	-5,9%
Hannover	6.472	-3,1%	17.356	3,5%
Köln/Bonn	12.092	-1,8%	33.235	0,1%
Leipzig/Halle	7.158	2,9%	19.471	11,7%
München	33.448	-1,8%	93.667	0,1%
Münster/Osnabrück	2.797	-11,2%	7.625	9,0%
Nürnberg	5.211	0,3%	13.935	0,6%
Saarbrücken	1.036	-18,8%	2.823	-7,3%
Stuttgart	11.096	2,7%	29.576	5,7%

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

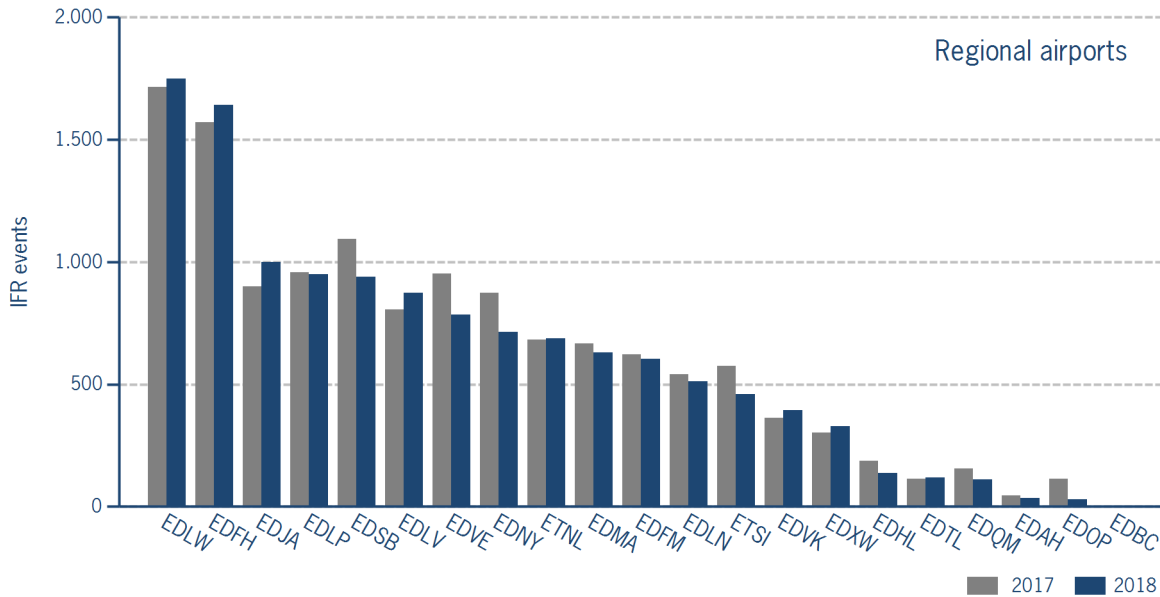
IFR events (take-offs and landings) at the different regional towers in the Federal Republic of Germany with control zone and barely any PPR.

	MAR 2018	Trend	JAN - MAR 2018	Trend
EDAH Heringsdorf	34	-26,1%	83	-6,7%
EDBC Magdeburg/Cochstedt	1	-50,0%	1	-50,0%
EDFH Frankfurt-Hahn	1.642	4,5%	4.527	4,3%
EDFM Mannheim City	604	-3,0%	1.530	-2,4%
EDHL Lübeck-Blankensee	137	-26,7%	352	-12,0%
EDJA Memmingen	999	11,1%	2.857	18,6%
EDLN Mönchengladbach	512	-5,5%	1.520	18,3%
EDLP Paderborn/Lippstadt	950	-0,9%	2.559	7,0%
EDLV Niederrhein	875	8,7%	2.285	13,7%
EDLW Dortmund	1.749	1,9%	4.876	10,7%
EDMA Augsburg	631	-5,4%	1.542	-0,2%
EDNY Friedrichshafen	714	-18,2%	2.159	-5,9%
EDOP Schwerin-Parchim	29	-74,6%	175	-2,8%
EDQM Hof-Plauen	112	-28,7%	286	-16,1%
EDSB Karlsruhe/Baden-Baden	940	-14,0%	2.499	-11,9%
EDTL Lahr	118	4,4%	334	8,8%
EDVE Braunschweig-Wolfsburg	785	-17,6%	2.256	-9,3%
EDVK Kassel-Calden	393	8,3%	979	14,1%
EDXW Sylt	328	8,3%	772	4,7%
ETNL Laage	689	1,0%	1.957	14,1%
ETSI Ingolstadt/Manching	460	-20,0%	1.327	-2,2%

*The value is of limited conclusiveness (OLC).

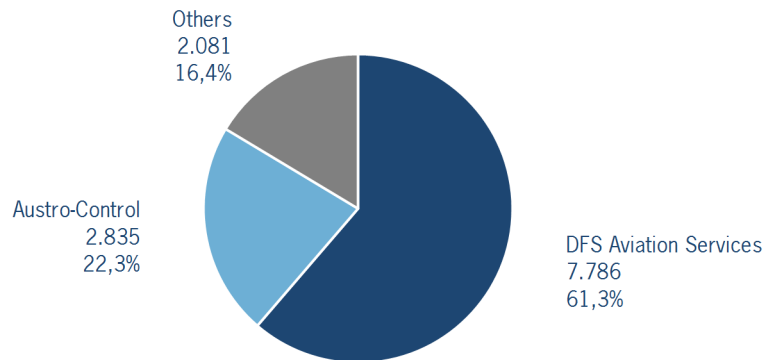
IFR flights at regional German airports - in detail

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), Frankfurt-Hahn (EDFH), 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), Friedrichshafen (EDNY), 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)