



LIZ Air traffic statistics

DFS Situation and Information Centre

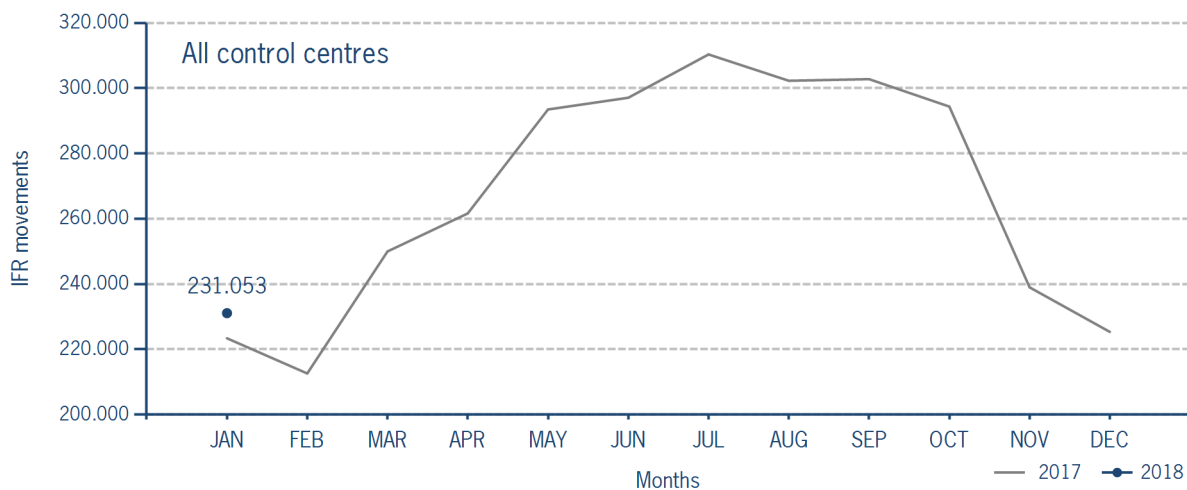
JAN 2018

Version 06.02.2018

IFR flights in the Federal Republic of Germany

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

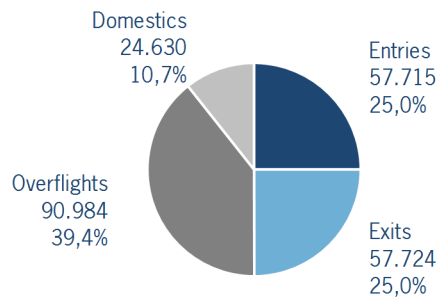
	JAN 2018	JAN 2017	Trend
Civil flights	227.667	220.265	3,4%
Military flights	3.386	3.093	9,5%
Total	231.053	223.358	3,4%



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.

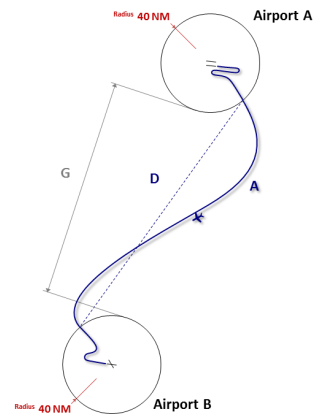


Please note: This count covers the traffic in the area build by all control sectors with a German designator („ED“), regardless of the service provider, including civil and military traffic in sectors controlled by DFS and Maastricht UAC (Maastricht-Hannover sectors). The area counted is composed of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

JAN 2018	
Evaluated traffic	207.678
Average actual route / flight	329,6 km
Average direct course / flight	326,1 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.

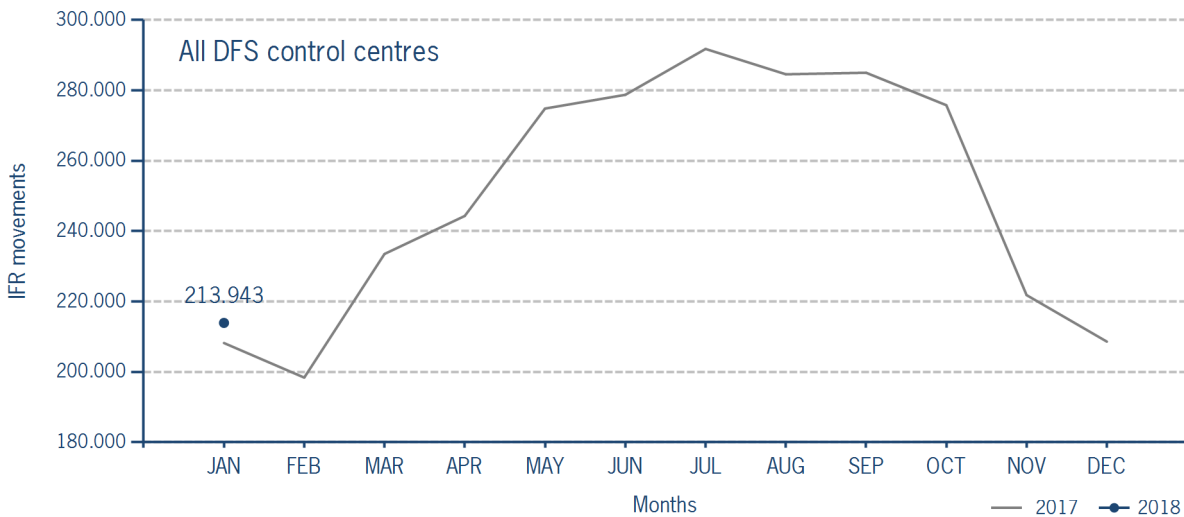
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Avg. direct route ext. in km	3,6											
Avg. direct route ext.	1,1%											

IFR flights controlled by DFS

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

	JAN 2018	JAN 2017	Trend
Civil flights	210.562	205.122	2,7%
Military flights	3.381	3.108	8,8%
Total	213.943	208.230	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.

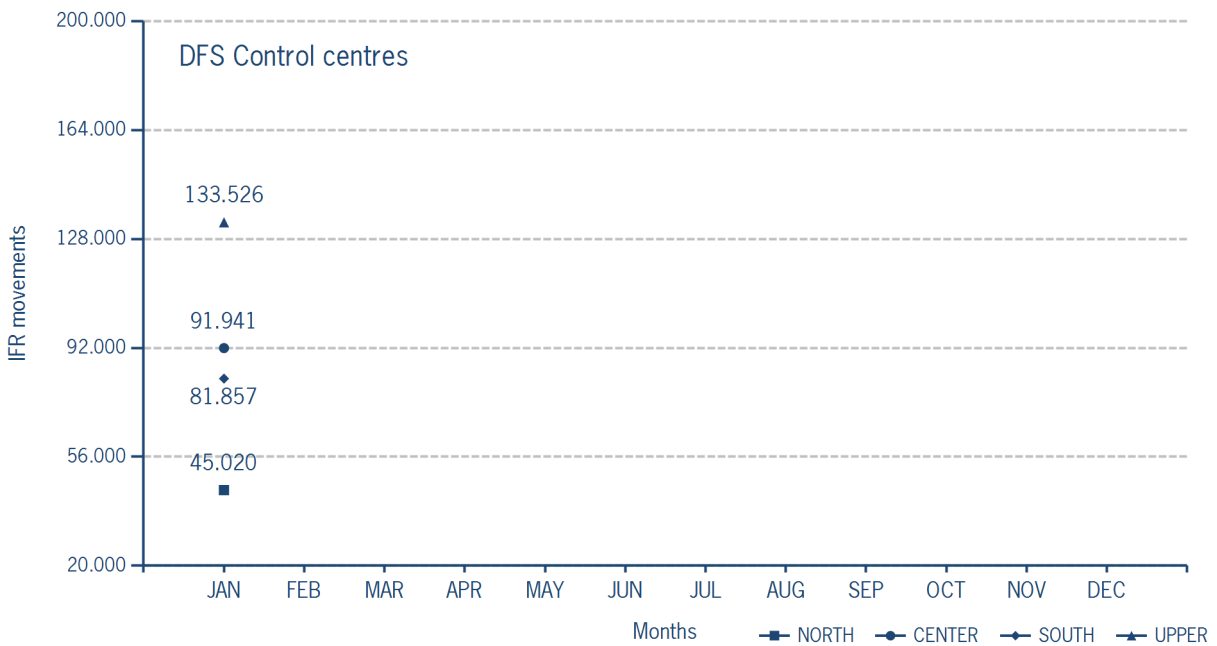


IFR flights controlled by DFS - in detail

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

	JAN 2018	JAN 2017	Trend
NORTH	45.020	47.449	-5,1%
CENTER	91.941	88.052	4,4%
SOUTH	81.857	78.611	4,1%
UPPER	133.526	128.678	3,8%

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

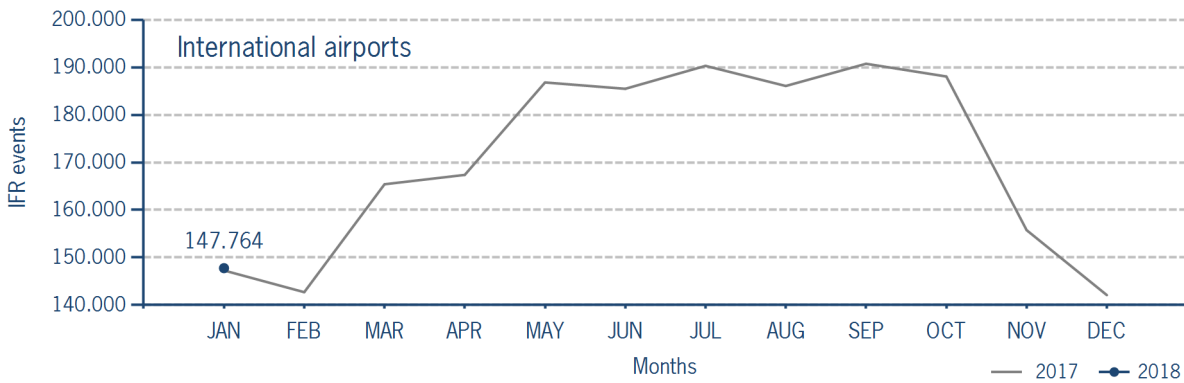
IFR events (take-offs and landings) at the international DFS towers and the regional tower with control zone and barely any PPR in the Federal Republic of Germany.

	JAN 2018	JAN 2017	Trend
International Airports	147.764	147.277	0,3%
Regional Airports	10.924	9.725	12,3%
Total	158.688	157.002	1,1%

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

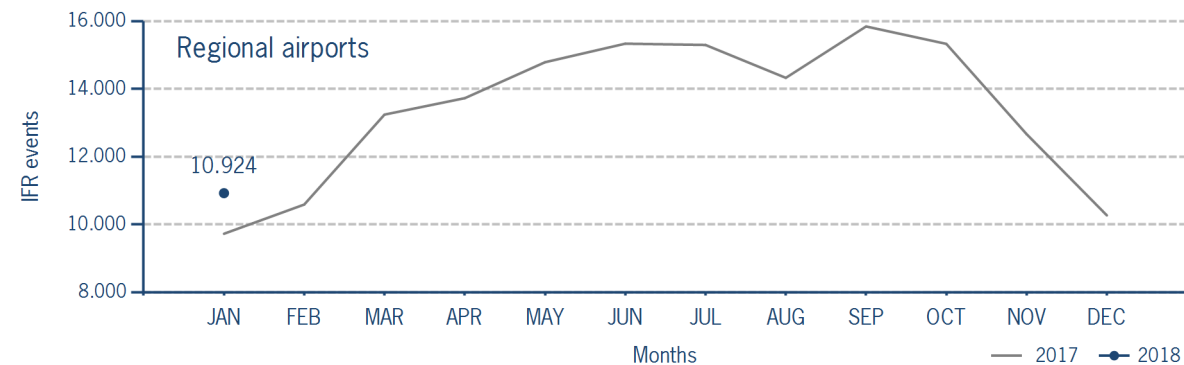
IFR flights at international German airports

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).

JAN 2018	Trend
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HUB

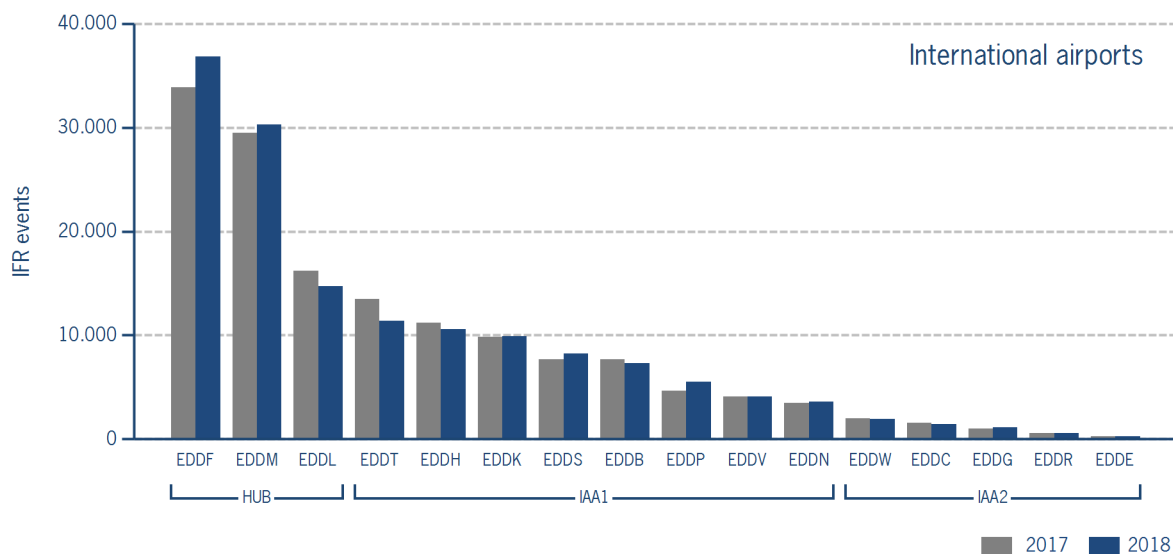
EDDF	Frankfurt/Main	36.814	8,6%
EDDL	Düsseldorf	14.751	-8,8%
EDDM	München	30.264	2,6%

IAA1

EDDB	Berlin-Schönefeld	7.311	-5,0%
EDDH	Hamburg	10.580	-5,7%
EDDK	Köln/Bonn	9.893	0,6%
EDDN	Nürnberg	3.583	2,4%
EDDP	Leipzig/Halle	5.507	17,8%
EDDS	Stuttgart	8.236	6,8%
EDDT	Berlin-Tegel	11.409	-15,5%
EDDV	Hannover	4.103	0,2%

IAA2

EDDC	Dresden	1.424	-10,5%
EDDE	Erfurt/Weimar	239	-2,8%
EDDG	Münster/Osnabrück	1.116	8,2%
EDDR	Saarbrücken	605	0,5%
EDDW	Bremen	1.929	-3,5%



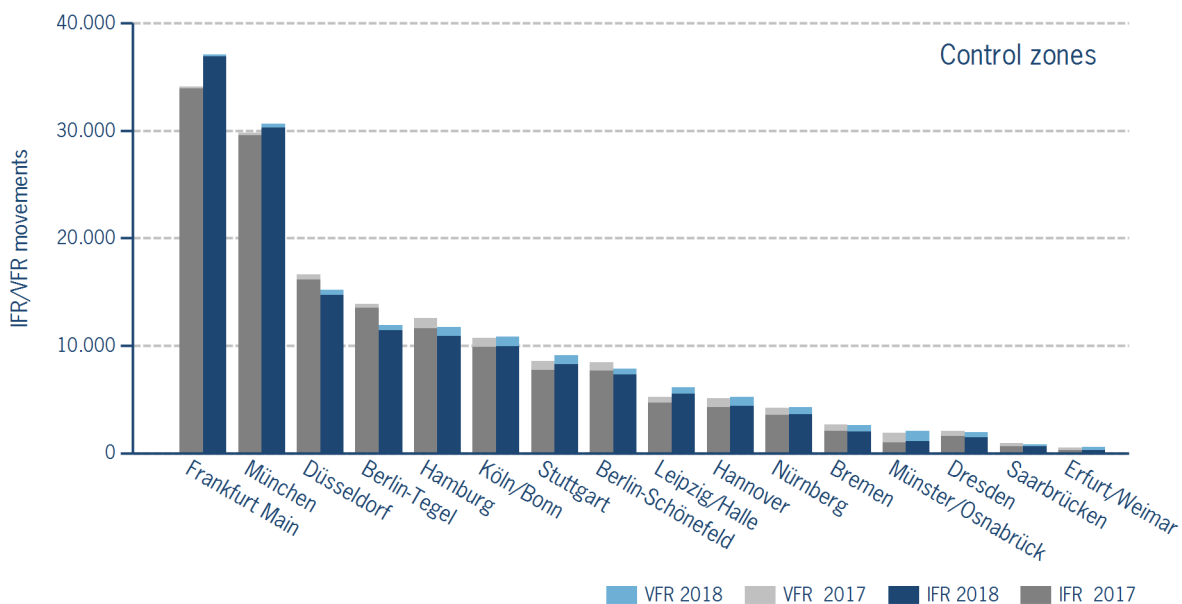
IFR/VFR flights in control zones of DFS towers

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

	JAN 2018	Trend
Berlin-Schönefeld	7.830	-7,1%
Berlin-Tegel	11.905	-14,1%
Bremen	2.588	-3,0%
Dresden	1.961	-4,9%
Düsseldorf	15.213	-8,6%
Erfurt/Weimar	552	7,6%
Frankfurt Main	37.102	8,7%
Hamburg	11.714	-6,6%
Hannover	5.253	2,3%
Köln/Bonn	10.843	1,0%
Leipzig/Halle	6.148	18,3%
München	30.639	2,7%
Münster/Osnabrück	2.086	10,0%
Nürnberg	4.250	0,6%
Saarbrücken	831	-10,8%
Stuttgart	9.114	6,2%

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

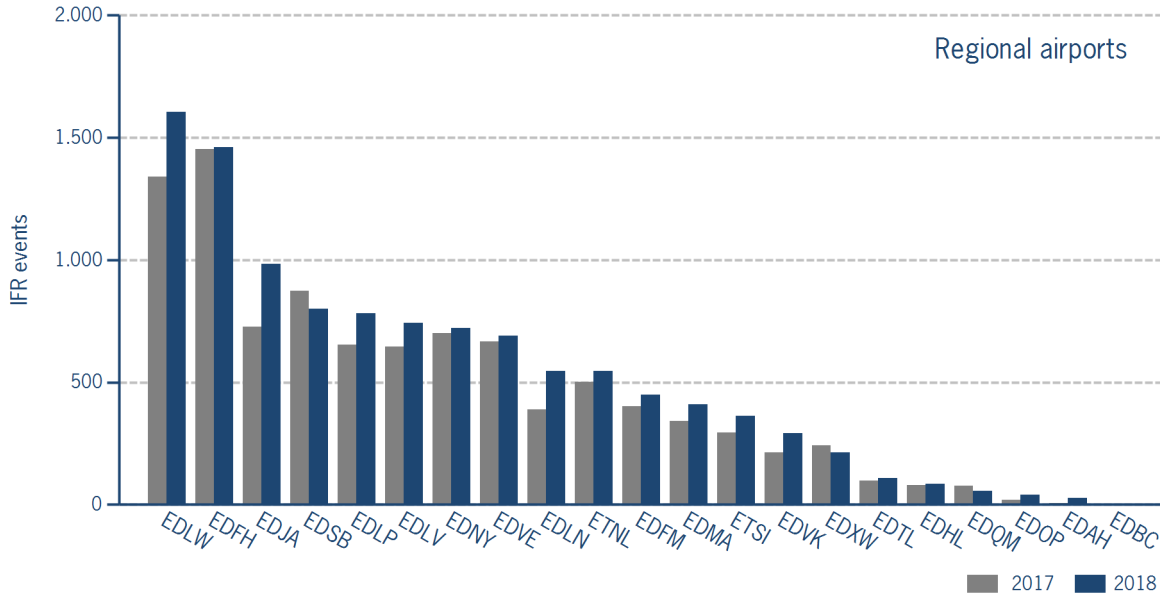
IFR events (take-offs and landings) at the different regional towers in the Federal Republic of Germany with control zone and barely any PPR.

		JAN 2018	Trend
EDAH	Heringsdorf	27	OLC*
EDBC	Magdeburg/Cochstedt	0	N/A
EDFH	Frankfurt-Hahn	1.460	0,6%
EDFM	Mannheim City	449	12,0%
EDHL	Lübeck-Blankensee	84	3,7%
EDJA	Memmingen	985	35,7%
EDLN	Mönchengladbach	546	40,7%
EDLP	Paderborn/Lippstadt	781	19,6%
EDLV	Niederrhein	744	15,2%
EDLW	Dortmund	1.605	19,8%
EDMA	Augsburg	410	20,2%
EDNY	Friedrichshafen	722	3,0%
EDOP	Schwerin-Parchim	40	110,5%
EDQM	Hof-Plauen	57	-26,0%
EDSB	Karlsruhe/Baden-Baden	801	-8,5%
EDTL	Lahr	108	11,3%
EDVE	Braunschweig-Wolfsburg	690	3,4%
EDVK	Kassel-Calden	292	36,4%
EDXW	Sylt	213	-11,6%
ETNL	Laage	546	8,5%
ETSI	Ingolstadt/Manching	364	23,0%

*The value is of limited conclusiveness (OLC).

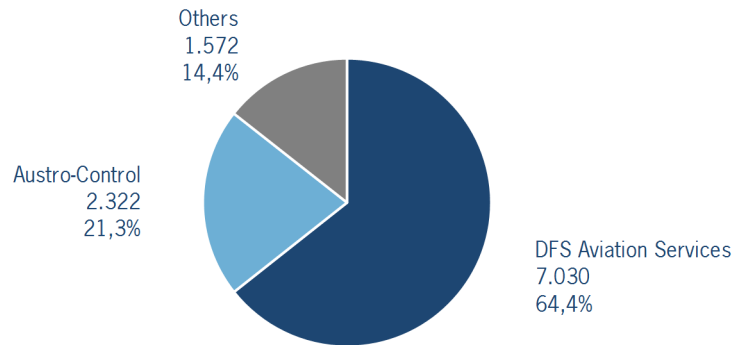
IFR flights at regional German airports - in detail

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)