



LIZ Air traffic statistics

DFS Situation and Information Centre

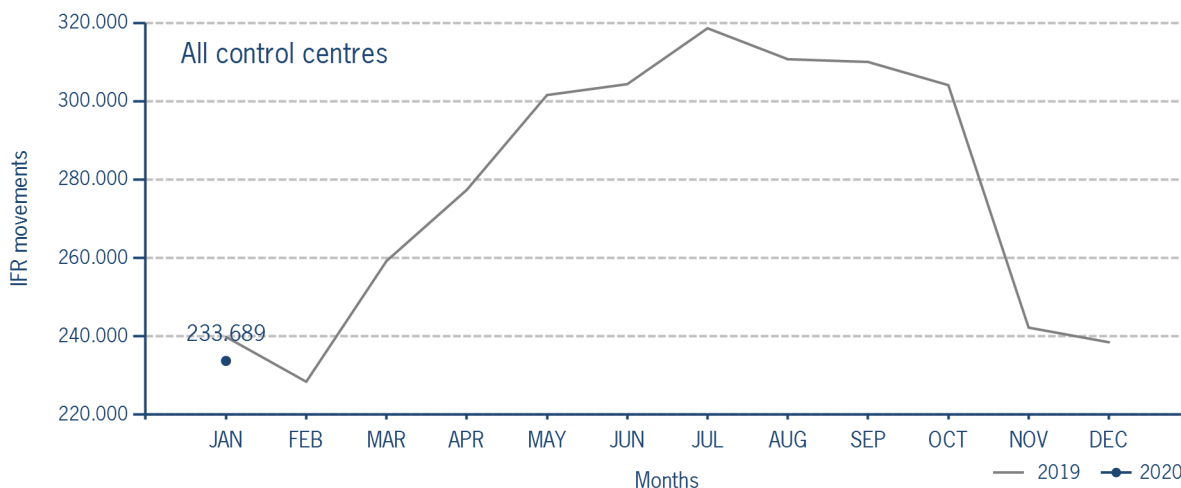
JAN 2020

Version 04.02.2020

IFR flights in the Federal Republic of Germany

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

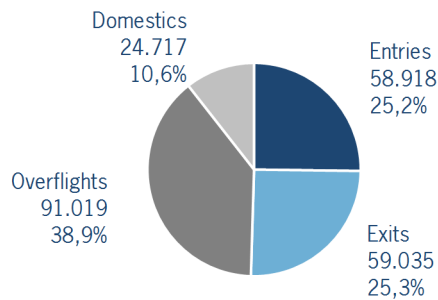
	JAN 2020	JAN 2019	Trend
Civil flights	230.051	236.663	-2,8%
Military flights	3.638	3.165	14,9%
Total	233.689	239.828	-2,6%



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.

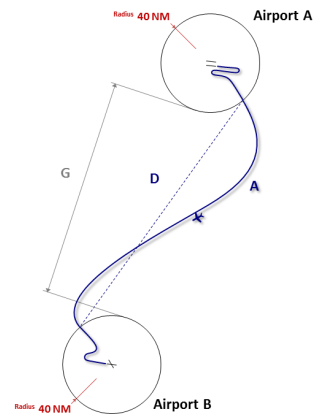


Please note: This count covers the traffic in the area build by all control sectors with a German designator („ED“), regardless of the service provider, including civil and military traffic in sectors controlled by DFS and Maastricht UAC (Maastricht-Hannover sectors). The area counted is composed of 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 2020	
Evaluated traffic	208.660
Average actual route / flight	334,1 km
Average direct course / flight	330,6 km
Average direct route extension / flight	3,4 km
Average direct route extension / flight	1,0%



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.

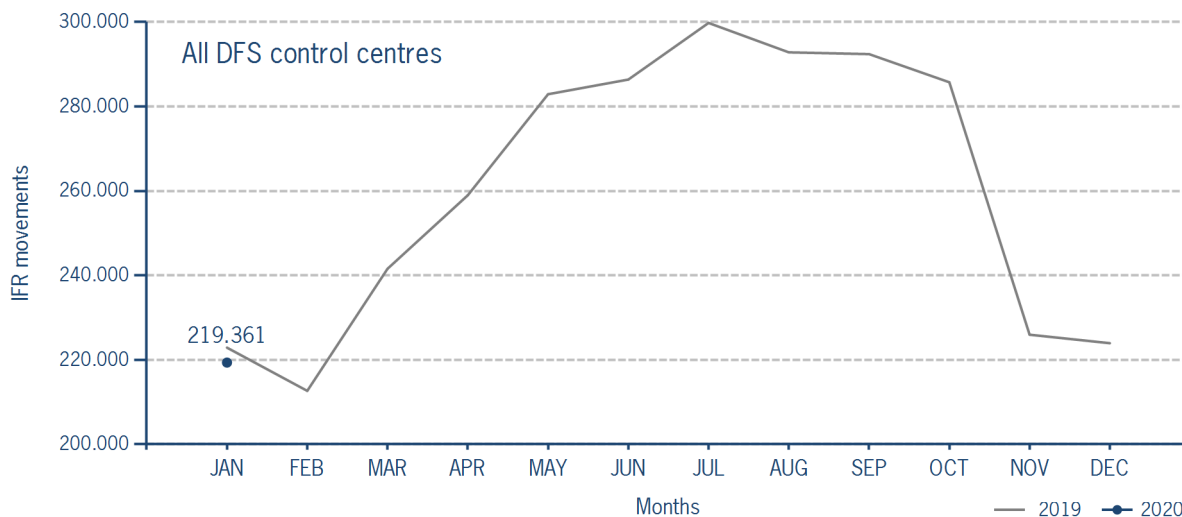
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Avg. direct route ext. in km	3,4											
Avg. direct route ext.	1,0%											

IFR flights controlled by DFS

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

	JAN 2020	JAN 2019	Trend
Civil flights	215.740	219.713	-1,8%
Military flights	3.621	3.190	13,5%
Total	219.361	222.903	-1,6%

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.

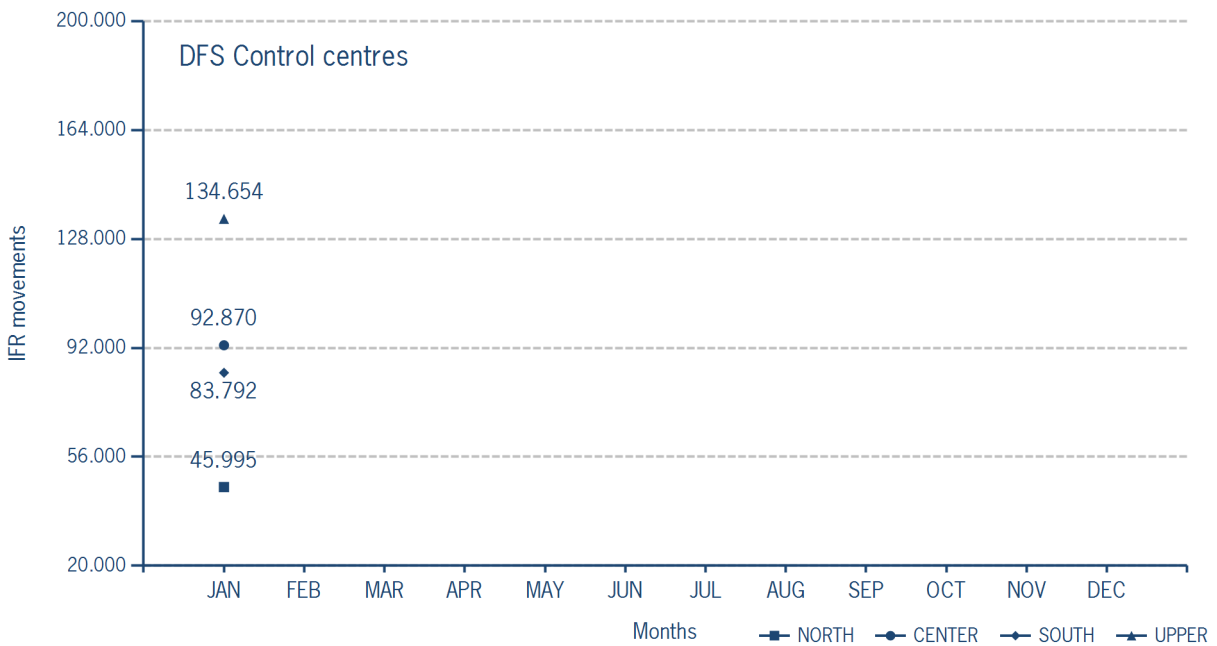


IFR flights controlled by DFS - in detail

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

	JAN 2020	JAN 2019	Trend
NORTH	45.995	49.124	-6,4%
CENTER	92.870	95.172	-2,4%
SOUTH	83.792	84.935	-1,3%
UPPER	134.654	136.745	-1,5%

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

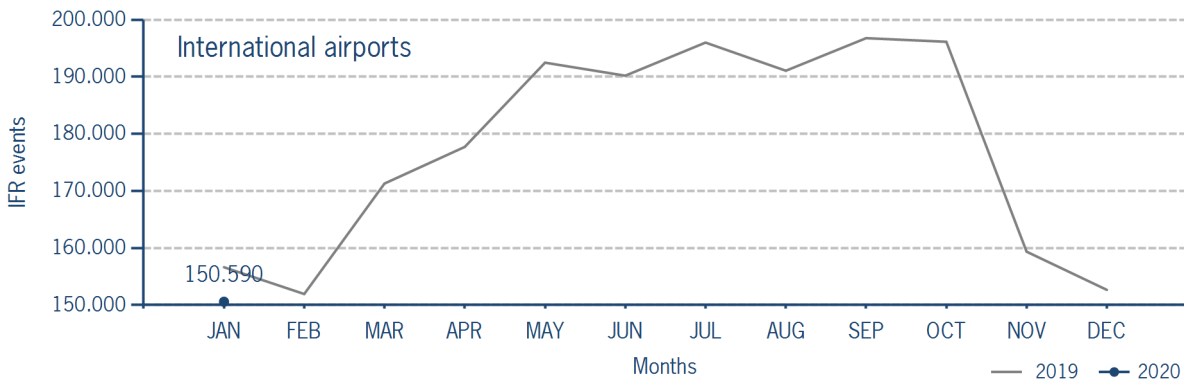
IFR events (take-offs and landings) at the international DFS towers and the regional tower with control zone and barely any PPR in the Federal Republic of Germany.

	JAN 2020	JAN 2019	Trend
International Airports	150.590	156.631	-3,9%
Regional Airports	11.110	11.376	-2,3%
Total	161.700	168.007	-3,8%

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

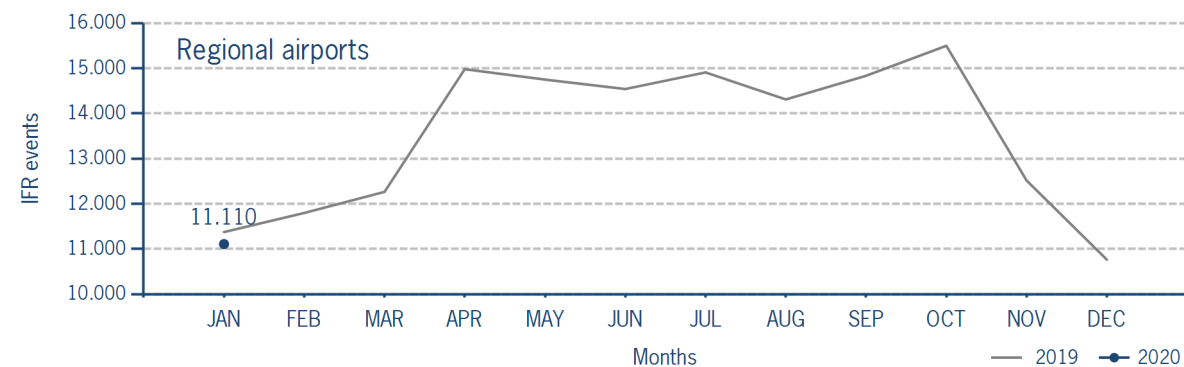
IFR flights at international German airports

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).

JAN 2020	Trend
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HUB

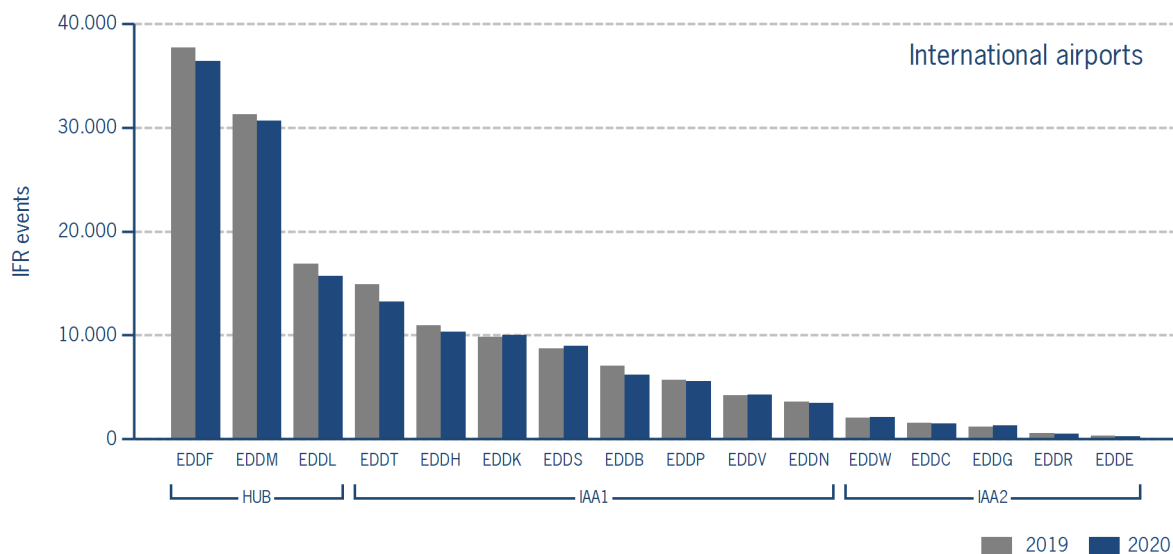
EDDF	Frankfurt/Main	36.381	-3,4%
EDDL	Düsseldorf	15.699	-7,0%
EDDM	München	30.649	-2,0%

IAA1

EDDB	Berlin-Schönefeld	6.180	-12,5%
EDDH	Hamburg	10.314	-5,7%
EDDK	Köln/Bonn	10.057	2,1%
EDDN	Nürnberg	3.497	-3,1%
EDDP	Leipzig/Halle	5.606	-2,1%
EDDS	Stuttgart	8.987	2,6%
EDDT	Berlin-Tegel	13.227	-11,4%
EDDV	Hannover	4.266	0,8%

IAA2

EDDC	Dresden	1.506	-1,8%
EDDE	Erfurt/Weimar	287	-8,0%
EDDG	Münster/Osnabrück	1.318	8,9%
EDDR	Saarbrücken	516	-12,2%
EDDW	Bremen	2.100	2,3%

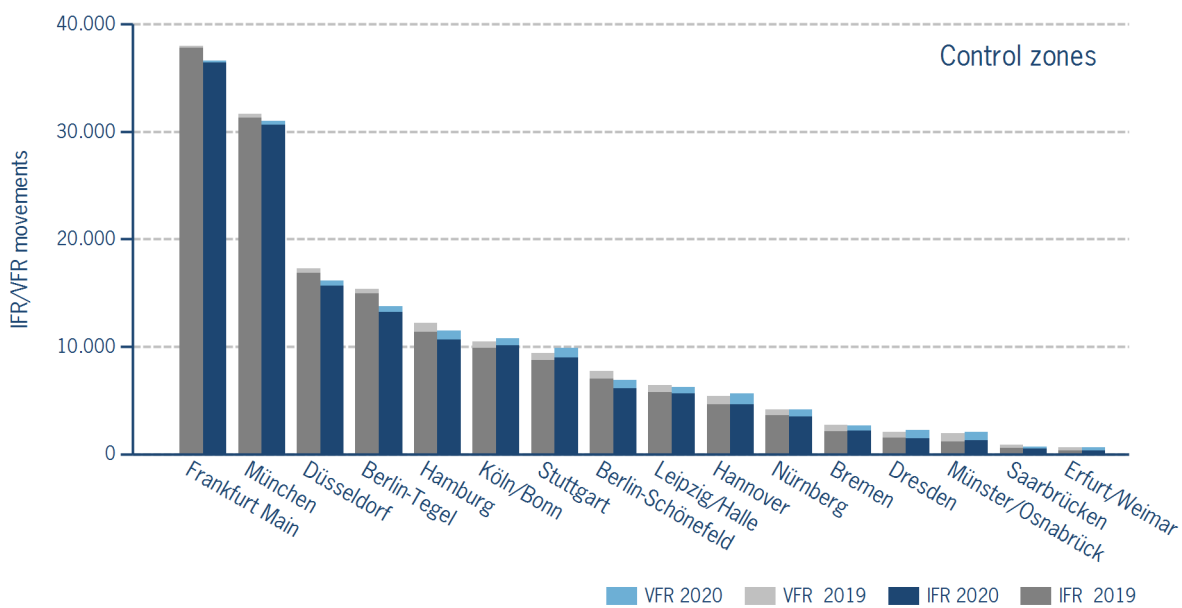


IFR/VFR flights in control zones of DFS towers

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

	JAN 2020	Trend
Berlin-Schönefeld	6.926	-10,5%
Berlin-Tegel	13.741	-10,7%
Bremen	2.644	-1,7%
Dresden	2.214	7,9%
Düsseldorf	16.124	-6,6%
Erfurt/Weimar	650	7,3%
Frankfurt Main	36.639	-3,6%
Hamburg	11.467	-6,3%
Hannover	5.620	4,2%
Köln/Bonn	10.791	2,8%
Leipzig/Halle	6.242	-2,6%
München	31.023	-2,0%
Münster/Osnabrück	2.062	5,8%
Nürnberg	4.141	0,1%
Saarbrücken	714	-17,7%
Stuttgart	9.892	5,5%

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

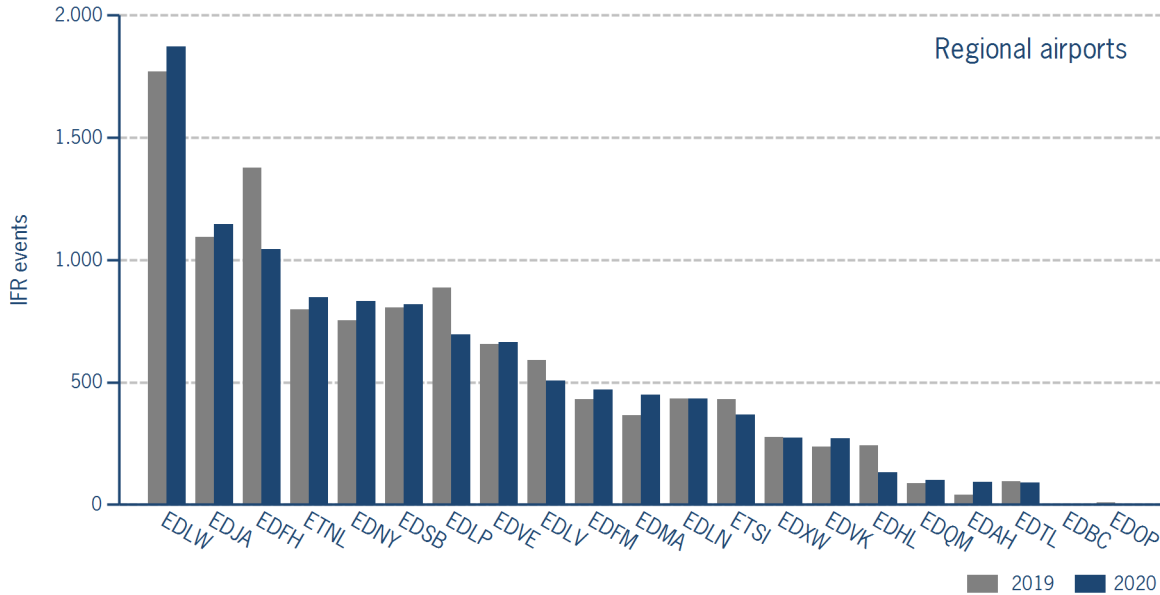
IFR events (take-offs and landings) at the different regional towers in the Federal Republic of Germany with control zone and barely any PPR.

		JAN 2020	Trend
EDAH	Heringsdorf	93	132,5%
EDBC	Magdeburg/Cochstedt	0	-100,0%
EDFH	Frankfurt-Hahn	1.043	-24,2%
EDFM	Mannheim City	469	8,8%
EDHL	Lübeck-Blankensee	132	-45,7%
EDJA	Memmingen	1.147	4,9%
EDLN	Mönchengladbach	434	0,0%
EDLP	Paderborn/Lippstadt	696	-21,4%
EDLV	Niederrhein	508	-13,9%
EDLW	Dortmund	1.873	5,8%
EDMA	Augsburg	450	23,0%
EDNY	Friedrichshafen	831	10,4%
EDOP	Schwerin-Parchim	0	-100,0%
EDQM	Hof-Plauen	101	16,1%
EDSB	Karlsruhe/Baden-Baden	818	1,4%
EDTL	Lahr	89	-6,3%
EDVE	Braunschweig-Wolfsburg	665	1,2%
EDVK	Kassel-Calden	270	14,4%
EDXW	Sylt	274	-0,7%
ETNL	Laage	849	6,5%
ETSI	Ingolstadt/Manching	368	-14,4%

*The value is of limited conclusiveness (OLC).

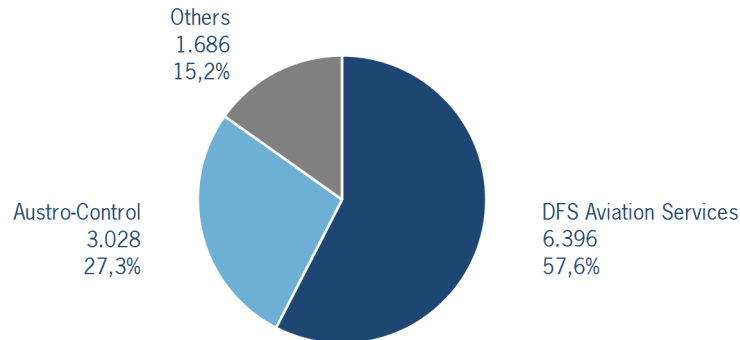
IFR flights at regional German airports - in detail

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)