



LIZ Bulletin

DFS Situation and Information Centre

Week 34

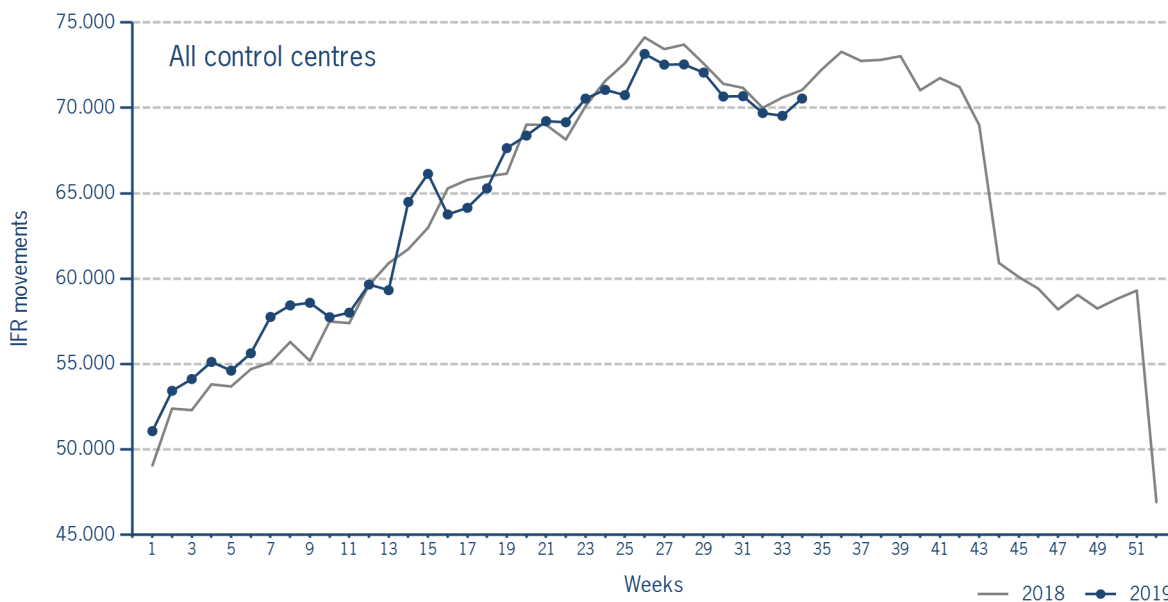
19 AUG 2019 - 25 AUG 2019

Version 29.08.2019

IFR flights in the Federal Republic of Germany

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

	2019	2018	Trend
Week 34	70.550	71.048	-0,7%
Cumulated Weeks	2.185.520	2.174.452	0,5%

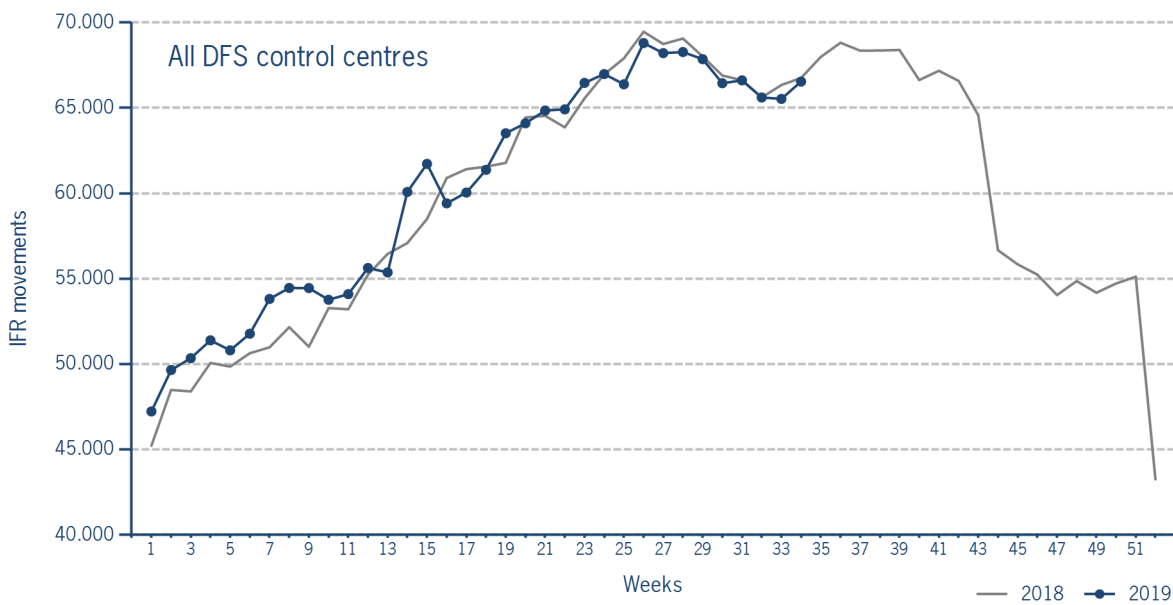


Please note: This count covers the traffic in the area build by all control sectors with a German designator („ED“), regardless of the service provider, including civil and military traffic in sectors controlled by DFS and Maastricht UAC (Maastricht-Hannover sectors). The area counted is composed of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

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

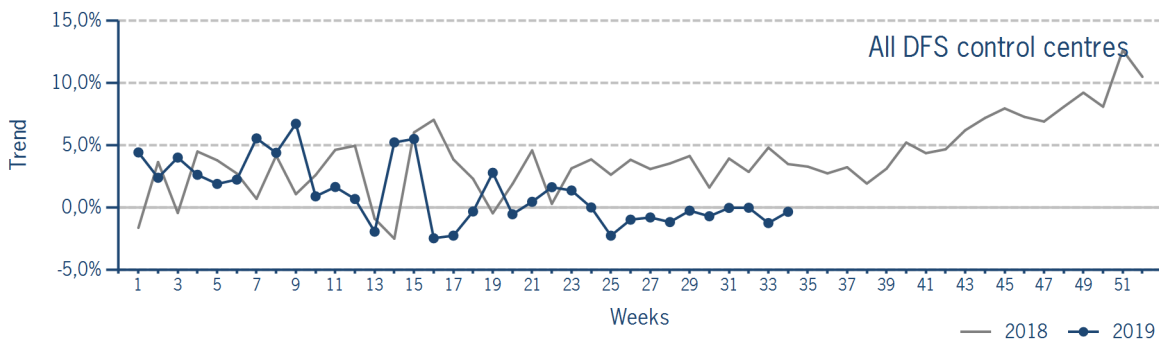
	2019	2018	Trend
Week 34	66.542	66.756	-0,3%
Cumulated Weeks	2.046.447	2.026.939	1,0%



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 - trend

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

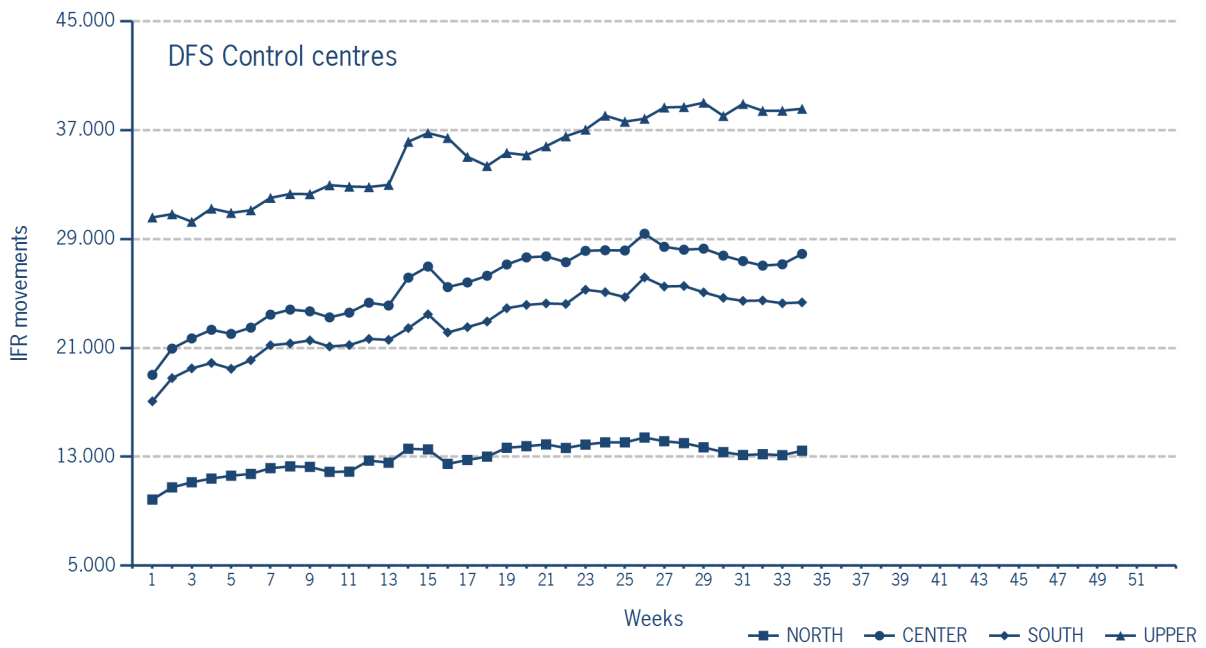


IFR flights controlled by DFS - in detail

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

	NORTH	CENTER	SOUTH	UPPER
Week 34	13.449	27.905	24.343	38.565
Trend	-2,9%	-0,3%	-1,0%	-1,8%
Cumulated Weeks	437.267	871.244	774.189	1.194.107
Trend	0,8%	1,2%	1,3%	-1,5%

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 German airports

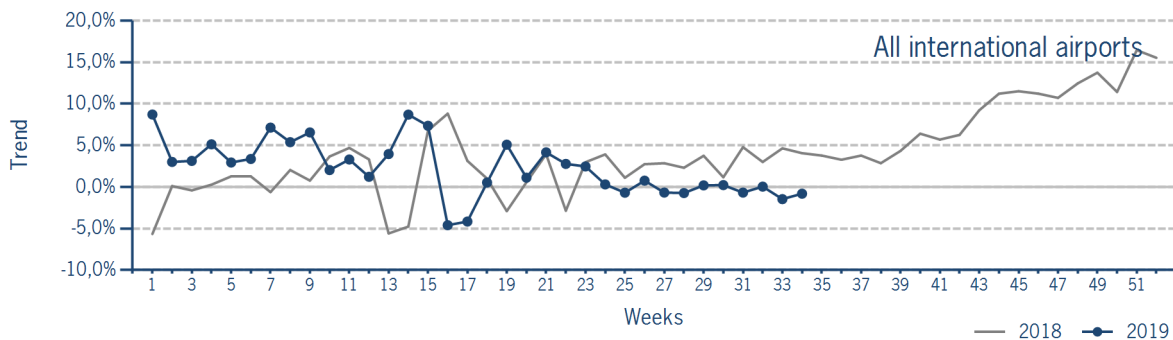
IFR events (take-offs and landings) at the international DFS towers in the Federal Republic of Germany.

	2019	2018	Trend
Week 34	43.581	43.936	-0,8%
Cumulated Weeks	1.392.629	1.365.191	2,0%



IFR flights at international German airports - trend

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



IFR flights at international German airports - airport category

IFR events (take-offs and landings) at the 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).

	HUB	IAA1	IAA2
Week 34	23.467	18.397	1.717
Trend	0,7%	-1,6%	-10,9%
Cumulated Weeks	755.505	585.021	52.103
Trend	2,8%	1,8%	-6,9%

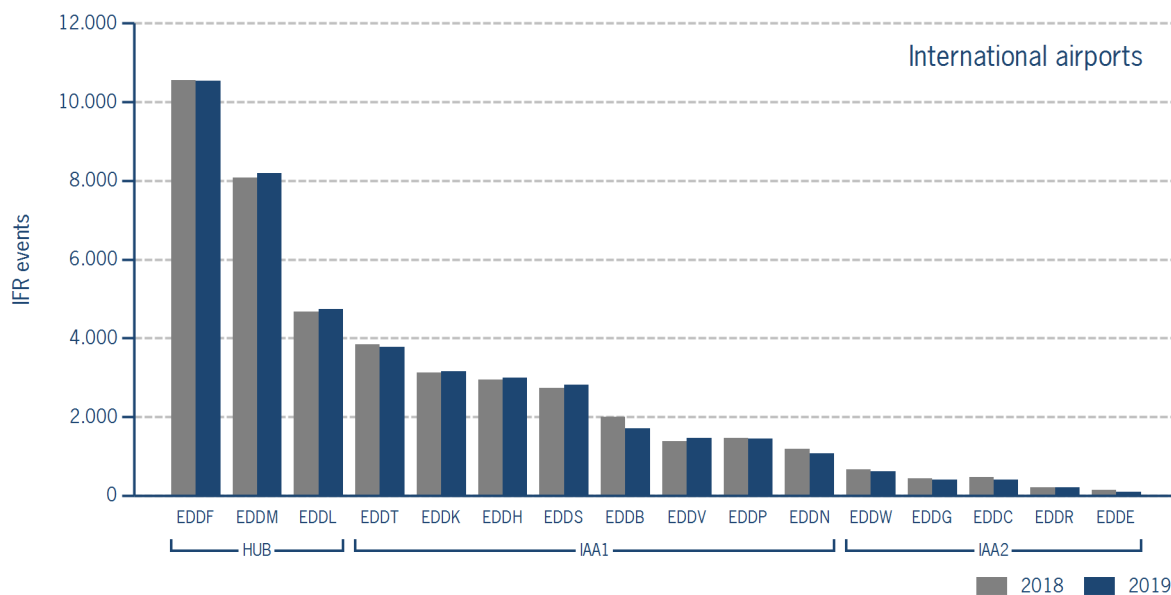
IFR flights at international German airports - in detail

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

		Week 34	Trend	Week 1 - 34	Trend
HUB					
EDDF	Frankfurt/Main	10.542	-0,1%	337.403	1,5%
EDDL	Düsseldorf	4.731	1,1%	147.771	6,8%
EDDM	München	8.194	1,4%	270.331	2,4%

		Week 34	Trend	Week 1 - 34	Trend
IAA1					
EDDB	Berlin-Schönefeld	1.701	-14,9%	59.926	-8,8%
EDDH	Hamburg	2.990	1,2%	97.600	2,4%
EDDK	Köln/Bonn	3.152	0,7%	91.612	0,0%
EDDN	Nürnberg	1.066	-9,6%	31.750	-9,1%
EDDP	Leipzig/Halle	1.444	-1,8%	48.689	1,8%
EDDS	Stuttgart	2.814	2,7%	86.422	4,9%
EDDT	Berlin-Tegel	3.774	-1,8%	127.170	10,7%
EDDV	Hannover	1.456	5,4%	41.852	-0,2%

		Week 34	Trend	Week 1 - 34	Trend
IAA2					
EDDC	Dresden	397	-16,1%	13.292	-5,6%
EDDE	Erfurt/Weimar	91	-36,4%	2.964	-15,5%
EDDG	Münster/Osnabrück	404	-6,5%	11.860	-2,3%
EDDR	Saarbrücken	211	0,0%	5.065	-15,9%
EDDW	Bremen	614	-7,9%	18.922	-6,4%



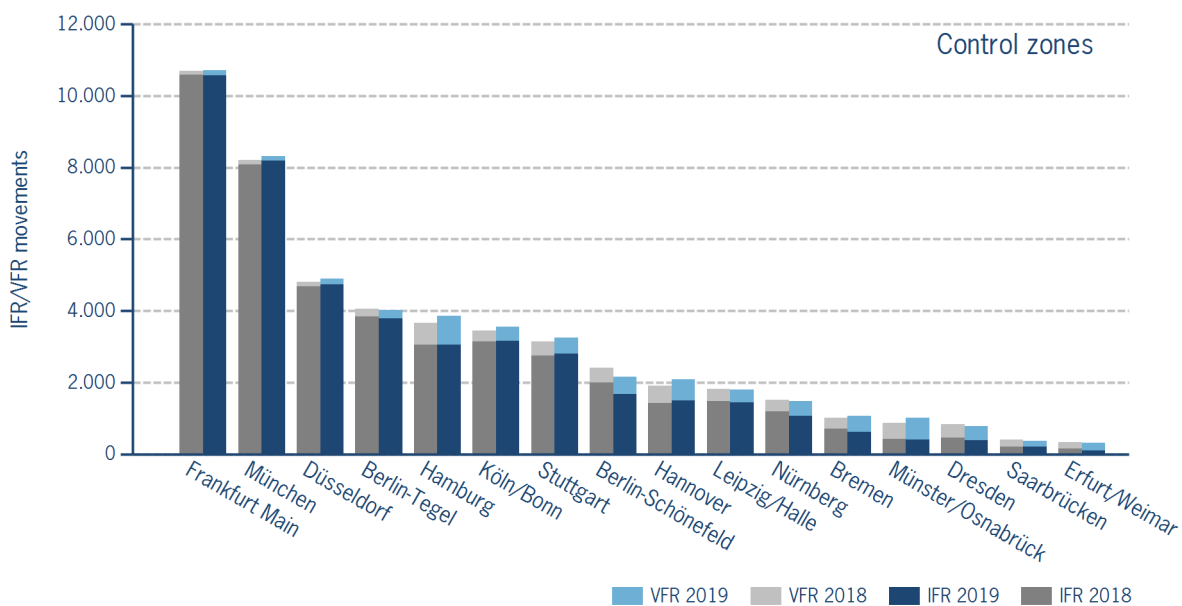
IFR/VFR flights in control zones of DFS towers

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

	Week 34	Trend	Week 1 - 34	Trend
Berlin-Schönefeld	2.157	-10,8%	70.680	-8,1%
Berlin-Tegel	4.016	-1,1%	132.846	9,4%
Bremen	1.072	6,6%	27.751	-7,3%
Dresden	783	-6,6%	22.885	-7,1%
Düsseldorf	4.893	1,6%	152.285	6,2%
Erfurt/Weimar	314	-5,4%	8.369	-3,2%
Frankfurt Main	10.717	0,2%	340.976	1,6%
Hamburg	3.856	5,4%	115.926	0,1%
Hannover	2.089	9,0%	56.187	-2,2%
Köln/Bonn	3.548	2,7%	101.432	-1,5%
Leipzig/Halle	1.801	-0,8%	57.857	0,1%
München	8.309	1,2%	274.408	2,4%
Münster/Osnabrück	1.015	16,8%	24.511	-4,5%
Nürnberg	1.485	-1,9%	41.670	-7,2%
Saarbrücken	368	-8,7%	8.179	-18,3%
Stuttgart	3.245	3,4%	97.356	3,2%

Additional information:

Münster reported 26 glider movements for the current week, i.e. 2.622 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.

	2019	2018	Trend
Week 34	3.423	3.507	-2,4%
Cumulated Weeks	106.177	109.755	-3,3%

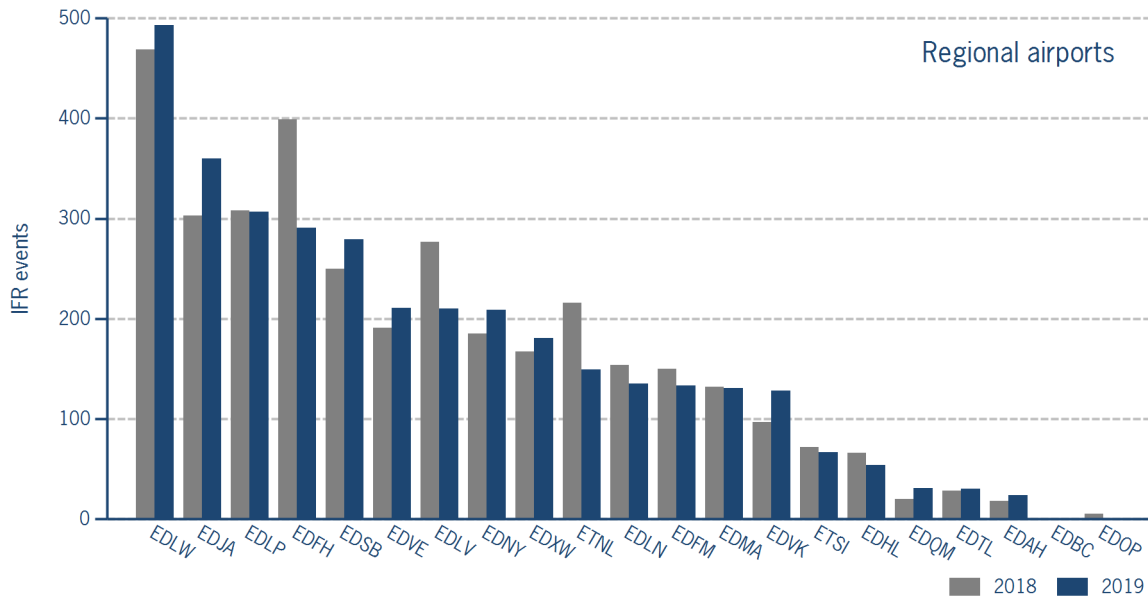
	Week 34	Trend	Week 1 - 34	Trend
EDAH Heringsdorf	24	33,3%	610	1,2%
EDBC Magdeburg/Cochstedt	0	N/A	1	0,0%
EDFH Frankfurt-Hahn	291	-27,1%	10.816	-18,6%
EDFM Mannheim City	133	-11,3%	4.421	2,5%
EDHL Lübeck-Blankensee	54	-18,2%	1.788	5,3%
EDJA Memmingen	360	18,8%	10.294	16,3%
EDLN Mönchengladbach	135	-12,3%	4.156	-3,3%
EDLP Paderborn/Lippstadt	307	-0,3%	8.675	-2,3%
EDLV Niederrhein	210	-24,2%	6.282	-24,6%
EDLW Dortmund	493	5,1%	15.422	6,9%
EDMA Augsburg	131	-0,8%	4.568	-0,5%
EDNY Friedrichshafen	209	13,0%	7.039	4,1%
EDOP Schwerin-Parchim	0	-100,0%	24	-93,8%
EDQM Hof-Plauen	31	55,0%	1.030	10,9%
EDSB Karlsruhe/Baden-Baden	279	11,6%	8.105	0,6%
EDTL Lahr	30	7,1%	998	1,6%
EDVE Braunschweig-Wolfsburg	211	10,5%	5.901	-3,8%
EDVK Kassel-Calden	128	32,0%	3.079	0,1%
EDXW Sylt	181	8,4%	4.105	-5,4%
ETNL Laage	149	-31,0%	5.457	-13,9%
ETSI Ingolstadt/Manching	67	-6,9%	3.406	-2,5%

*The value is of limited conclusiveness (OLC).

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

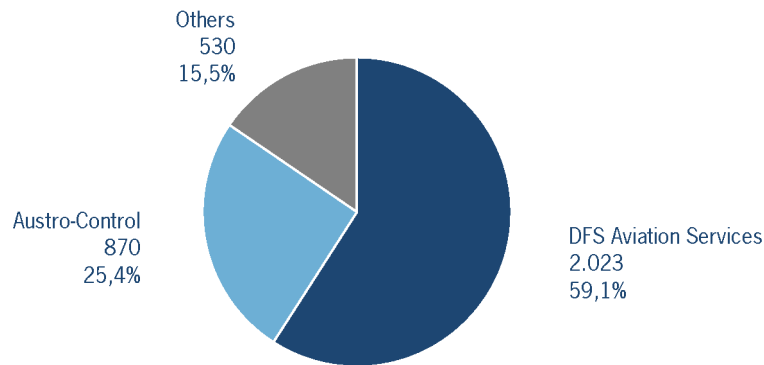
IFR flights at regional German airports - in detail

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)







ATFM Arrival Delay

(Data Source: NM statistics, DFS LIZ)

ATFM Arrival Delay with reference to the relevant airport, in minutes per IFR arrival.

ATFM Arrival Delay:

sum of all arrival ATFM delay divided by the sum of all inbound flights for the particular traffic volume

Airports		ATC Delay [min/arrival]	non ATC Delay [min/arrival]	
	All Airports	0,0074	0,1628	
EDDL	Düsseldorf	0,0405	0,7492	
EDDS	Stuttgart	0	0,4723	
EDDW	Bremen	0,2070	0	
EDDM	München	0	0,2007	
EDDK	Köln/Bonn	0	0,1849	

Please note: The ATFM delay data are provided by NM statistics. Due to internal distribution of the ATFM delay, data are modified by CC/FC and TWR/M. The inbound flight information is based on LIZ statistics.

All Airports means all international German airports: Berlin-Schönefeld (EDDB), Berlin-Tegel (EDDT), Bremen (EDDW), Dresden (EDDC), Düsseldorf (EDDL), Erfurt/Weimar (EDDE), Frankfurt/Main (EDDF), Hamburg (EDDH), Hannover (EDDV), Köln/Bonn (EDDK), Leipzig/Halle (EDDP), München (EDDM), Münster/Osnabrück (EDDG), Nürnberg (EDDN), Saarbrücken (EDDR), Stuttgart (EDDS)