



LIZ Bulletin

DFS Situation and Information Centre

Week 33

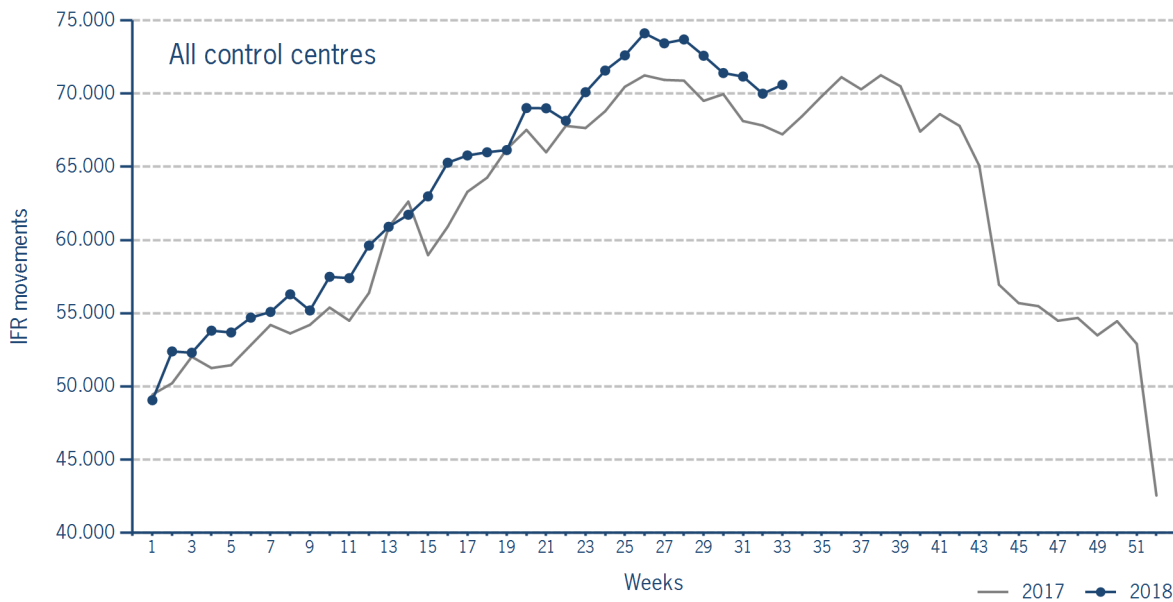
13 AUG 2018 - 19 AUG 2018

Version 22.08.2018

IFR flights in the Federal Republic of Germany

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

	2018	2017	Trend
Week 33	70.608	67.226	5,0%
Cumulated Weeks	2.103.404	2.036.662	3,3%

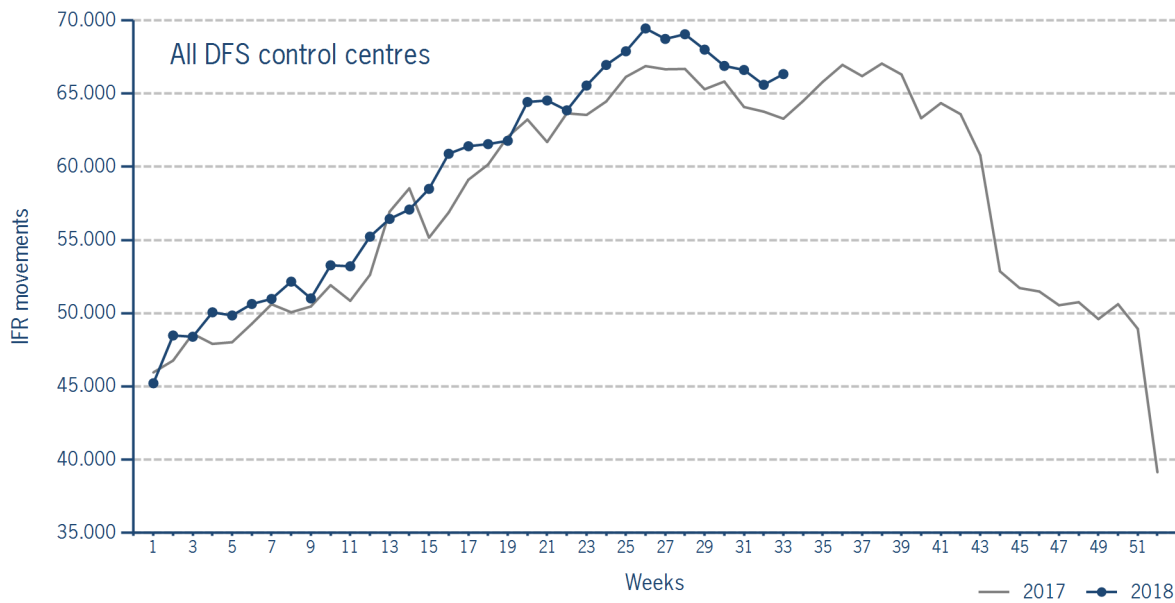


Please note: This count covers the traffic in the area build by all control sectors with a German designator („ED“), regardless of the service provider, including civil and military traffic in sectors controlled by DFS and Maastricht UAC (Maastricht-Hannover sectors). The area counted is composed of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

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

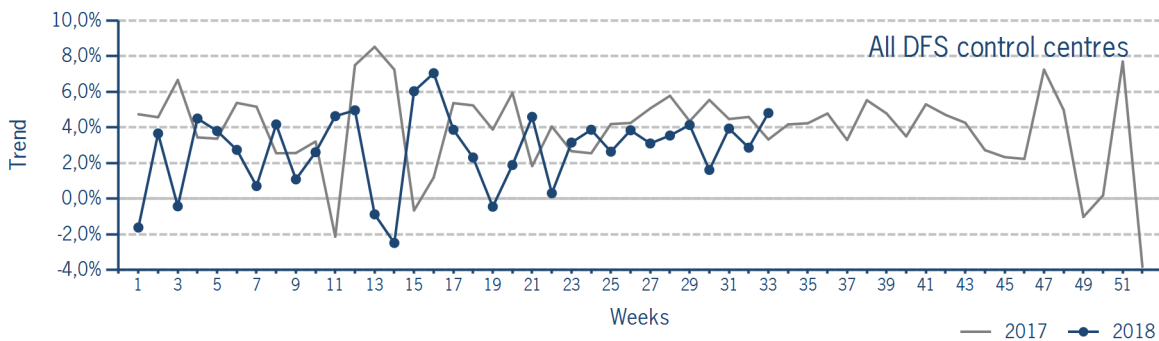
	2018	2017	Trend
Week 33	66.342	63.293	4,8%
Cumulated Weeks	1.960.183	1.907.212	2,8%



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 - trend

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

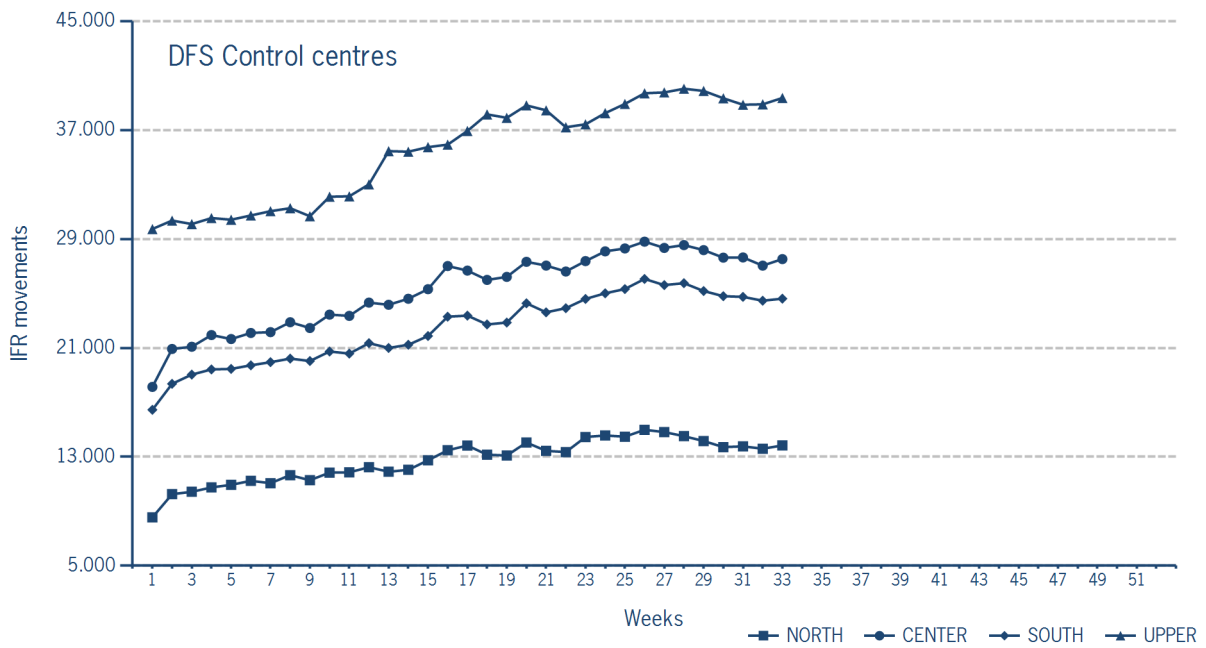


IFR flights controlled by DFS - in detail

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

	NORTH	CENTER	SOUTH	UPPER
Week 33	13.835	27.525	24.618	39.360
Trend	3,0%	5,8%	9,4%	-1,1%
Cumulated Weeks	420.108	832.954	739.668	1.172.521
Trend	-1,0%	4,0%	4,4%	0,1%

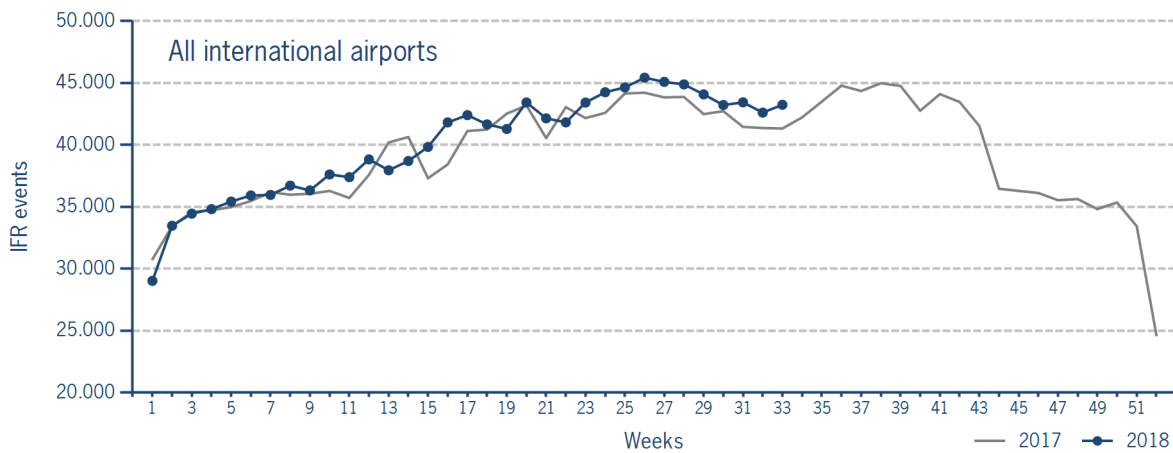
Please note: The trend numbers compare counts of the airspaces in their current configuration to the count of the same airspace in 2017.



IFR flights at international German airports

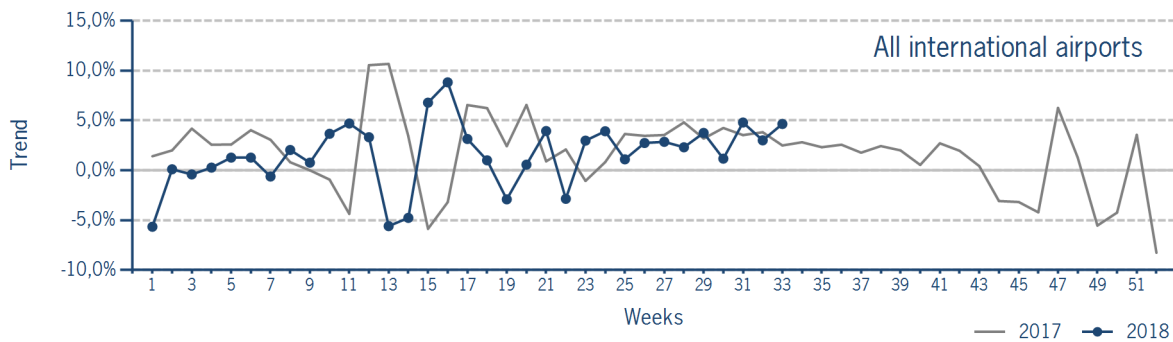
IFR events (take-offs and landings) at the international DFS towers in the Federal Republic of Germany.

	2018	2017	Trend
Week 33	43.238	41.319	4,6%
Cumulated Weeks	1.321.255	1.300.117	1,6%



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

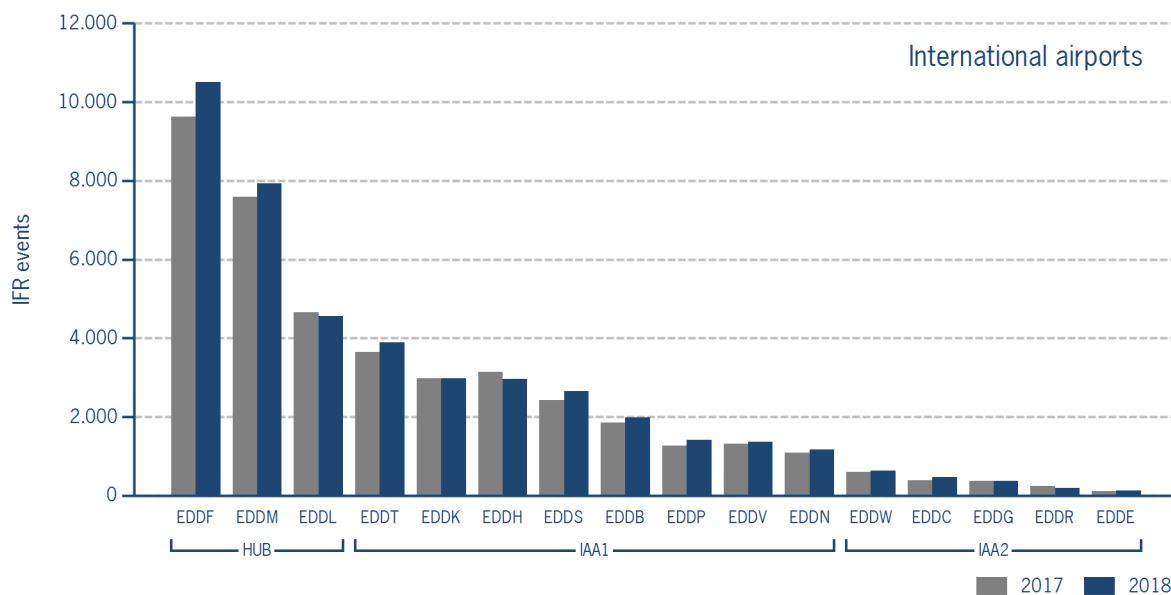
IFR events (take-offs and landings) at the international DFS towers in the Federal Republic of Germany differentiated by Hub Gateways (HUB), International Access Airports 1 (IAA1) and International Access Airports 2 (IAA2).

	HUB	IAA1	IAA2
Week 33	22.992	18.436	1.810
Trend	5,1%	4,0%	5,4%
Cumulated Weeks	711.358	555.864	54.033
Trend	2,1%	1,1%	0,9%

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 33	Trend	Week 1 - 33	Trend
HUB					
EDDF	Frankfurt/Main	10.505	9,1%	321.703	8,1%
EDDL	Düsseldorf	4.557	-2,2%	133.698	-7,1%
EDDM	München	7.930	4,4%	255.957	0,4%
IAA1					
EDDB	Berlin-Schönefeld	1.991	7,3%	63.677	0,6%
EDDH	Hamburg	2.963	-5,5%	92.334	-5,6%
EDDK	Köln/Bonn	2.985	0,1%	88.480	1,3%
EDDN	Nürnberg	1.170	6,8%	33.763	1,9%
EDDP	Leipzig/Halle	1.418	12,0%	46.340	15,4%
EDDS	Stuttgart	2.658	9,9%	79.640	7,7%
EDDT	Berlin-Tegel	3.884	6,5%	111.070	-3,7%
EDDV	Hannover	1.367	3,4%	40.560	4,4%
IAA2					
EDDC	Dresden	477	20,5%	13.612	-1,7%
EDDE	Erfurt/Weimar	132	12,8%	3.363	-4,1%
EDDG	Münster/Osnabrück	377	3,3%	11.702	2,9%
EDDR	Saarbrücken	193	-17,5%	5.812	0,5%
EDDW	Bremen	631	4,3%	19.544	2,6%



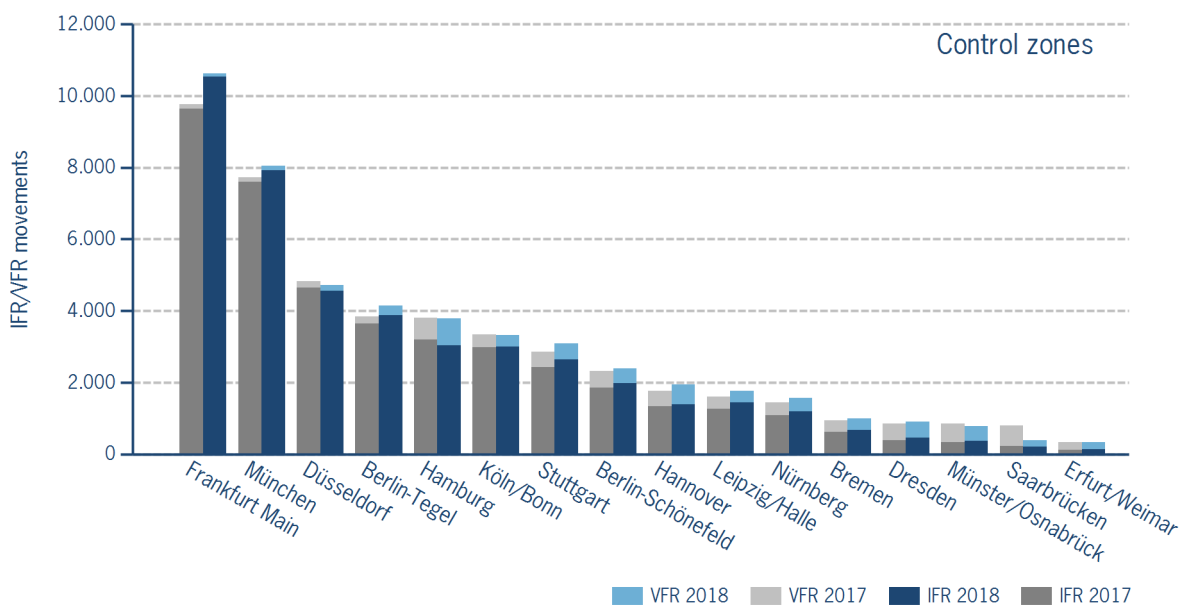
IFR/VFR flights in control zones of DFS towers

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

	Week 33	Trend	Week 1 - 33	Trend
Berlin-Schönefeld	2.398	3,7%	74.474	3,6%
Berlin-Tegel	4.144	8,1%	117.420	-3,1%
Bremen	1.000	6,4%	28.931	2,8%
Dresden	911	6,2%	23.783	2,1%
Düsseldorf	4.718	-2,1%	138.638	-6,9%
Erfurt/Weimar	324	0,0%	8.313	-5,4%
Frankfurt Main	10.633	8,9%	325.046	8,0%
Hamburg	3.796	-0,2%	112.094	-3,4%
Hannover	1.941	9,5%	55.553	7,0%
Köln/Bonn	3.331	-0,5%	99.491	1,2%
Leipzig/Halle	1.765	9,8%	56.013	11,9%
München	8.050	4,1%	259.898	0,5%
Münster/Osnabrück	781	-9,0%	24.799	6,3%
Nürnberg	1.573	9,6%	43.382	2,7%
Saarbrücken	382	-52,2%	9.608	-3,4%
Stuttgart	3.088	7,8%	91.171	6,4%

Additional information:

Münster reported 342 glider movements for the current week, i.e. 1.774 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.

	2018	2017	Trend
Week 33	3.414	3.071	11,2%
Cumulated Weeks	106.248	101.388	4,8%

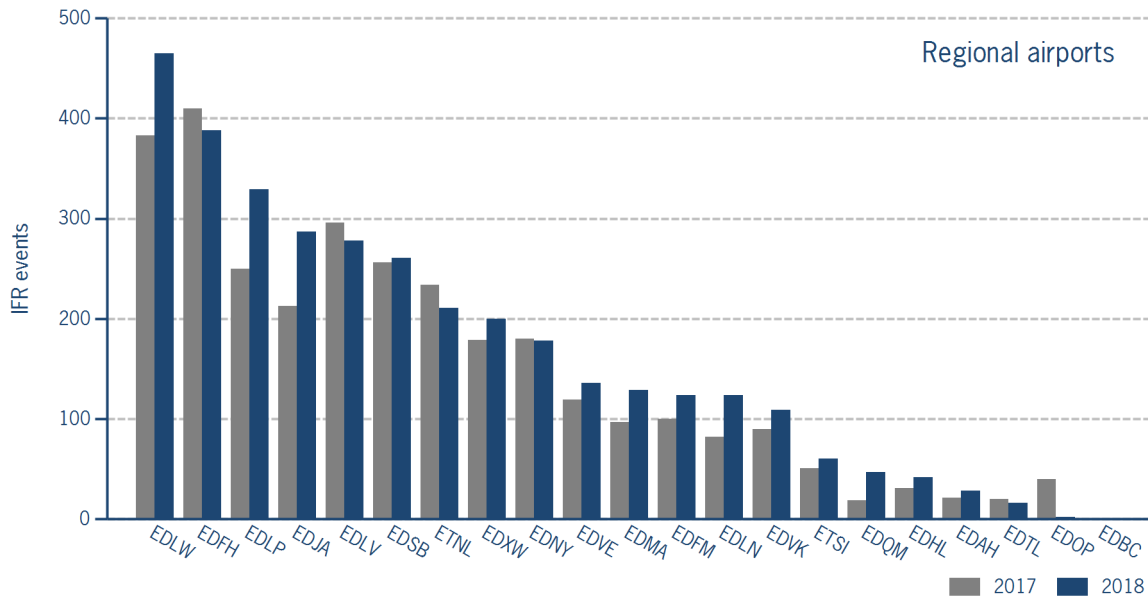
	Week 33	Trend	Week 1 - 33	Trend
EDAH Heringsdorf	28	33,3%	585	-3,6%
EDBC Magdeburg/Cochstedt	0	N/A	1	-75,0%
EDFH Frankfurt-Hahn	388	-5,4%	12.888	-0,8%
EDFM Mannheim City	124	24,0%	4.162	1,6%
EDHL Lübeck-Blankensee	42	35,5%	1.632	30,9%
EDJA Memmingen	287	34,7%	8.547	20,0%
EDLN Mönchengladbach	124	51,2%	4.142	10,9%
EDLP Paderborn/Lippstadt	329	31,6%	8.568	8,5%
EDLV Niederrhein	278	-6,1%	8.051	-0,7%
EDLW Dortmund	465	21,4%	13.958	11,0%
EDMA Augsburg	129	33,0%	4.457	-0,3%
EDNY Friedrichshafen	178	-1,1%	6.579	-0,6%
EDOP Schwerin-Parchim	2	-95,0%	379	-46,6%
EDQM Hof-Plauen	47	147,4%	909	-9,7%
EDSB Karlsruhe/Baden-Baden	261	2,0%	7.804	-5,7%
EDTL Lahr	16	-20,0%	954	0,4%
EDVE Braunschweig-Wolfsburg	136	14,3%	5.943	-1,6%
EDVK Kassel-Calden	109	21,1%	2.978	9,9%
EDXW Sylt	200	11,7%	4.171	7,1%
ETNL Laage	211	-9,8%	6.119	25,3%
ETSI Ingolstadt/Manching	60	17,6%	3.421	-0,6%

*The value is of limited conclusiveness (OLC).

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

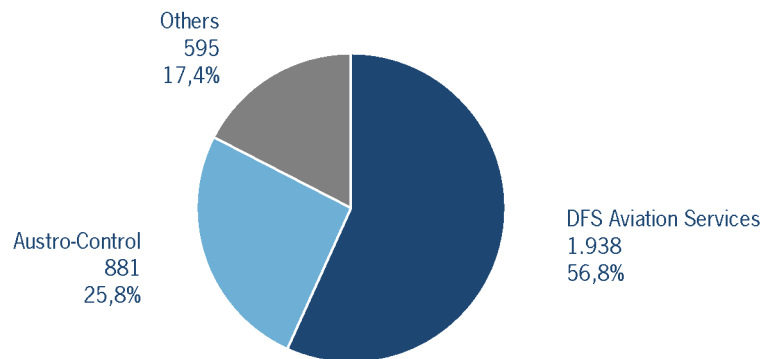
IFR flights at regional German airports - in detail

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	0,2551	
EDDF	Frankfurt/Main	0	0,5501	
EDDK	Köln/Bonn	0	0,4870	
EDDM	München	0	0,2840	
EDDL	Düsseldorf	0	0,2305	
EDDP	Leipzig/Halle	0	0,2048	
EDDH	Hamburg	0	0,0728	

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)