



LIZ Bulletin

DFS Situation and Information Centre

Week 31

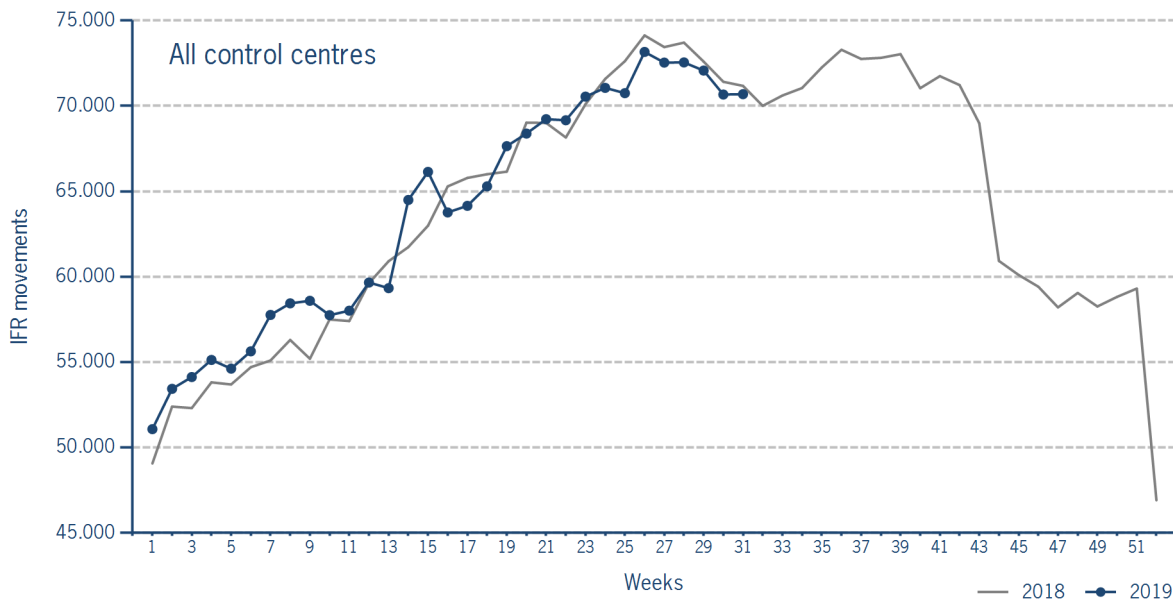
29 JUL 2019 - 4 AUG 2019

Version 07.08.2019

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 31	70.688	71.174	-0,7%
Cumulated Weeks	1.975.731	1.962.792	0,7%

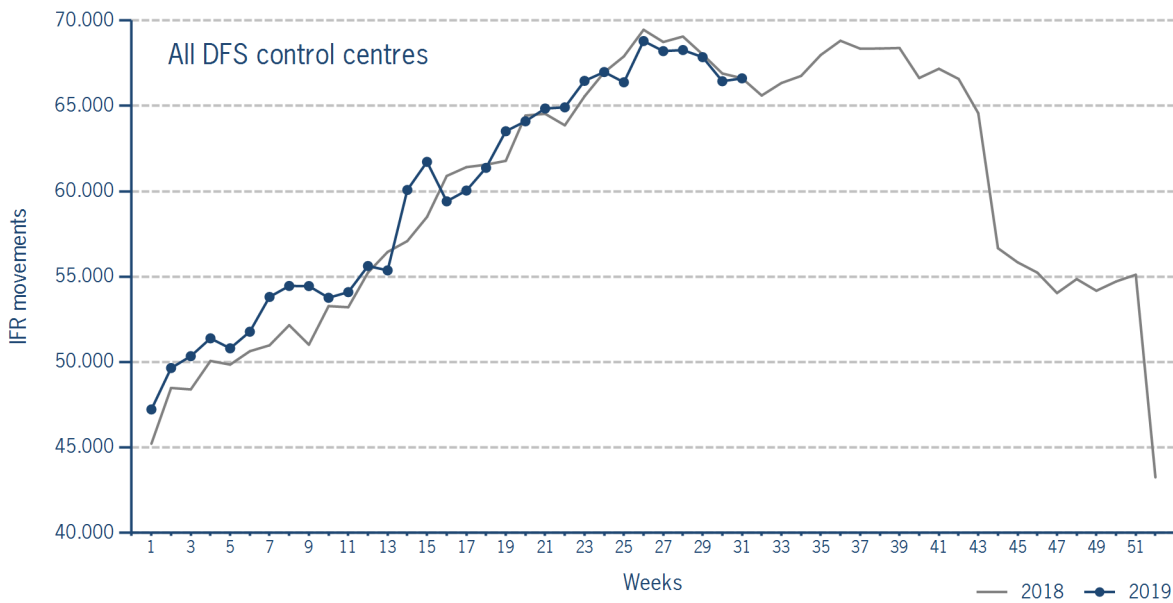


Please note: This count covers the traffic in the area build by all control sectors with a German designator („ED“), regardless of the service provider, including civil and military traffic in sectors controlled by DFS and Maastricht UAC (Maastricht-Hannover sectors). The area counted is composed of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

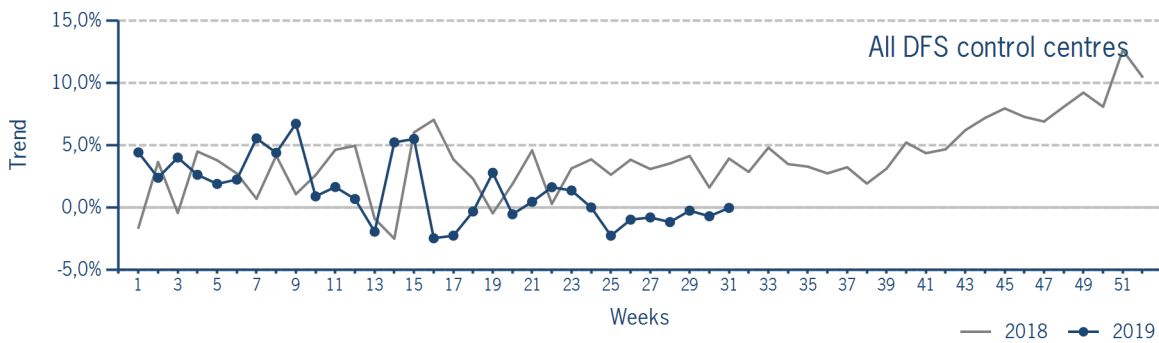
	2019	2018	Trend
Week 31	66.616	66.623	0,0%
Cumulated Weeks	1.848.765	1.828.231	1,1%



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.

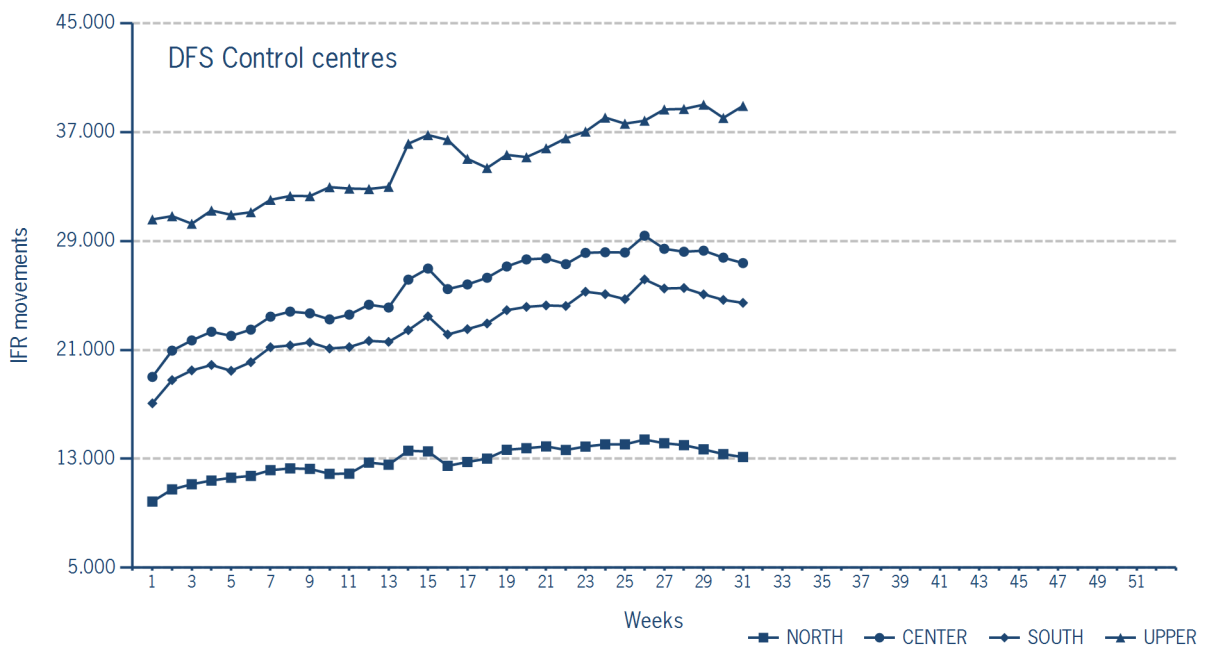


IFR flights controlled by DFS - in detail

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

	NORTH	CENTER	SOUTH	UPPER
Week 31	13.127	27.377	24.454	38.922
Trend	-4,7%	-1,0%	-1,2%	0,2%
Cumulated Weeks	397.505	789.153	701.084	1.078.698
Trend	1,2%	1,4%	1,5%	-1,4%

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

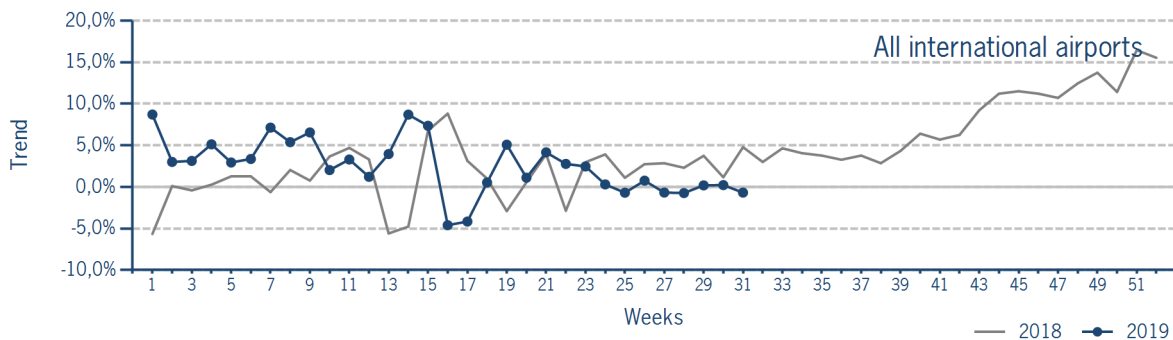
IFR events (take-offs and landings) at the international DFS towers in the Federal Republic of Germany.

	2019	2018	Trend
Week 31	43.143	43.436	-0,7%
Cumulated Weeks	1.263.815	1.235.410	2,3%



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

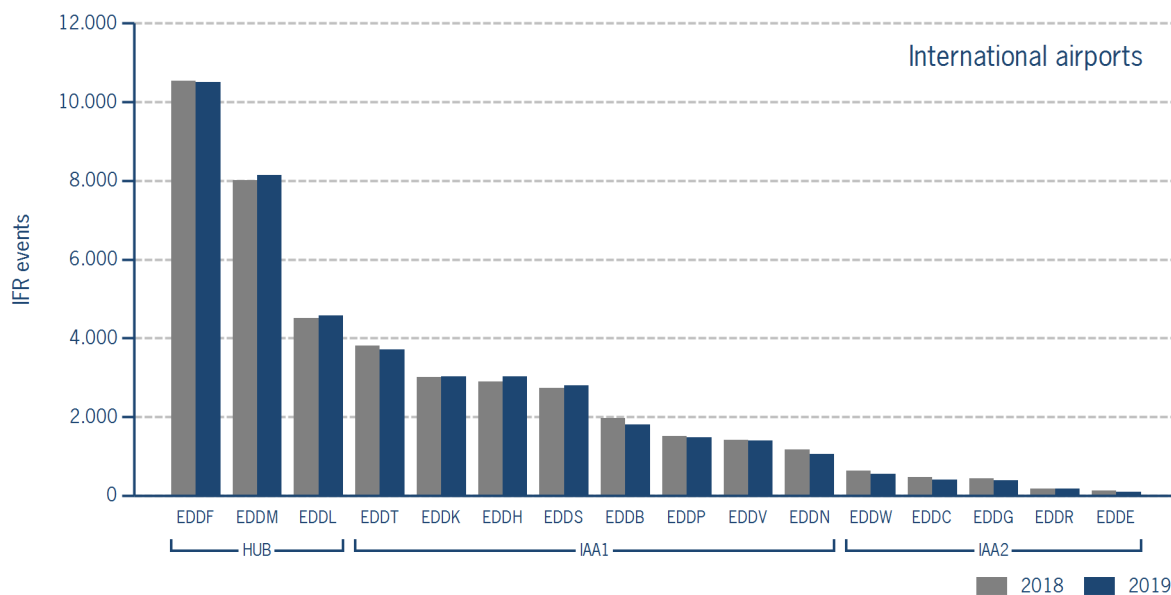
IFR events (take-offs and landings) at the international DFS towers in the Federal Republic of Germany differentiated by Hub Gateways (HUB), International Access Airports 1 (IAA1) and International Access Airports 2 (IAA2).

	HUB	IAA1	IAA2
Week 31	23.228	18.297	1.618
Trend	0,7%	-1,2%	-12,4%
Cumulated Weeks	686.134	530.433	47.248
Trend	3,0%	2,2%	-6,4%

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 31	Trend	Week 1 - 31	Trend
HUB					
EDDF	Frankfurt/Main	10.514	-0,3%	306.068	1,7%
EDDL	Düsseldorf	4.570	1,2%	133.928	7,4%
EDDM	München	8.144	1,7%	246.138	2,5%
IAA1					
EDDB	Berlin-Schönefeld	1.800	-8,3%	54.808	-8,3%
EDDH	Hamburg	3.023	4,2%	88.659	2,6%
EDDK	Köln/Bonn	3.025	0,5%	82.351	-0,1%
EDDN	Nürnberg	1.057	-10,2%	28.539	-9,2%
EDDP	Leipzig/Halle	1.486	-1,6%	44.418	2,3%
EDDS	Stuttgart	2.796	2,5%	78.125	5,1%
EDDT	Berlin-Tegel	3.707	-2,9%	115.952	12,2%
EDDV	Hannover	1.403	-0,8%	37.581	-0,6%
IAA2					
EDDC	Dresden	397	-14,3%	12.057	-5,0%
EDDE	Erfurt/Weimar	94	-26,6%	2.685	-13,5%
EDDG	Münster/Osnabrück	395	-9,4%	10.754	-1,9%
EDDR	Saarbrücken	182	-0,5%	4.537	-16,3%
EDDW	Bremen	550	-13,7%	17.215	-5,9%



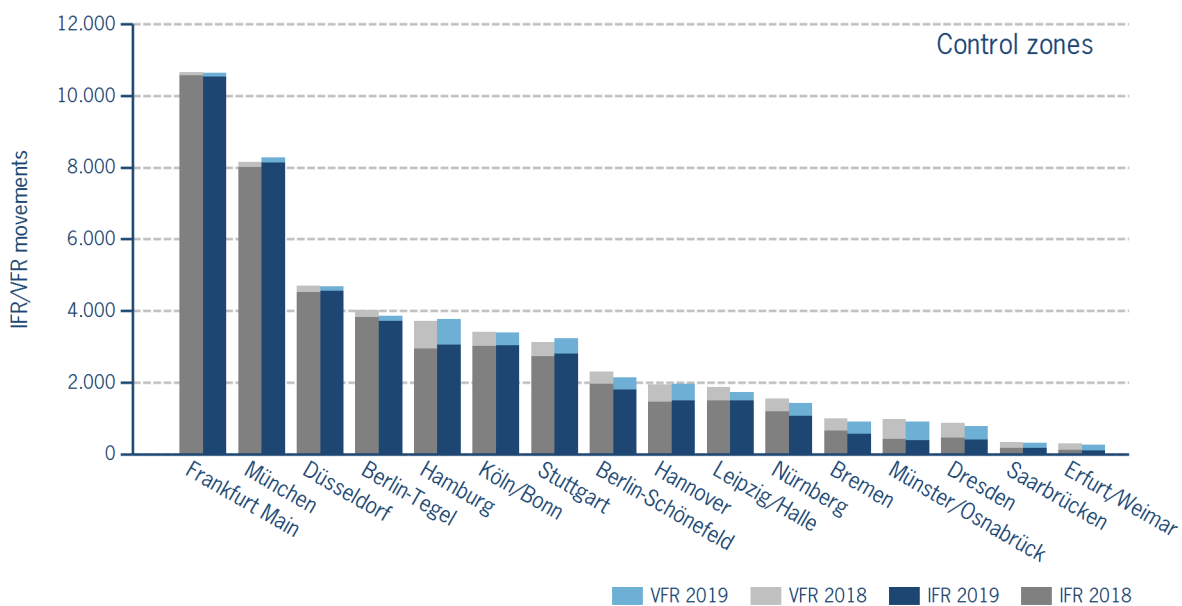
IFR/VFR flights in control zones of DFS towers

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

	Week 31	Trend	Week 1 - 31	Trend
Berlin-Schönefeld	2.145	-7,0%	64.327	-7,8%
Berlin-Tegel	3.859	-4,2%	120.976	10,8%
Bremen	902	-9,2%	25.011	-7,2%
Dresden	781	-10,1%	20.486	-7,0%
Düsseldorf	4.686	-0,3%	138.063	6,8%
Erfurt/Weimar	263	-9,0%	7.540	-2,0%
Frankfurt Main	10.639	-0,3%	309.246	1,7%
Hamburg	3.763	1,0%	104.942	0,2%
Hannover	1.962	0,7%	50.340	-2,5%
Köln/Bonn	3.394	-0,4%	91.223	-1,7%
Leipzig/Halle	1.735	-7,3%	52.656	0,5%
München	8.290	1,6%	249.851	2,5%
Münster/Osnabrück	898	-7,3%	22.046	-5,2%
Nürnberg	1.421	-7,8%	37.398	-7,1%
Saarbrücken	306	-7,0%	7.317	-17,7%
Stuttgart	3.236	3,8%	87.825	3,3%

Additional information:

Münster reported 104 glider movements for the current week, i.e. 2550 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 31	3.122	3.464	-9,9%
Cumulated Weeks	96.444	99.665	-3,2%

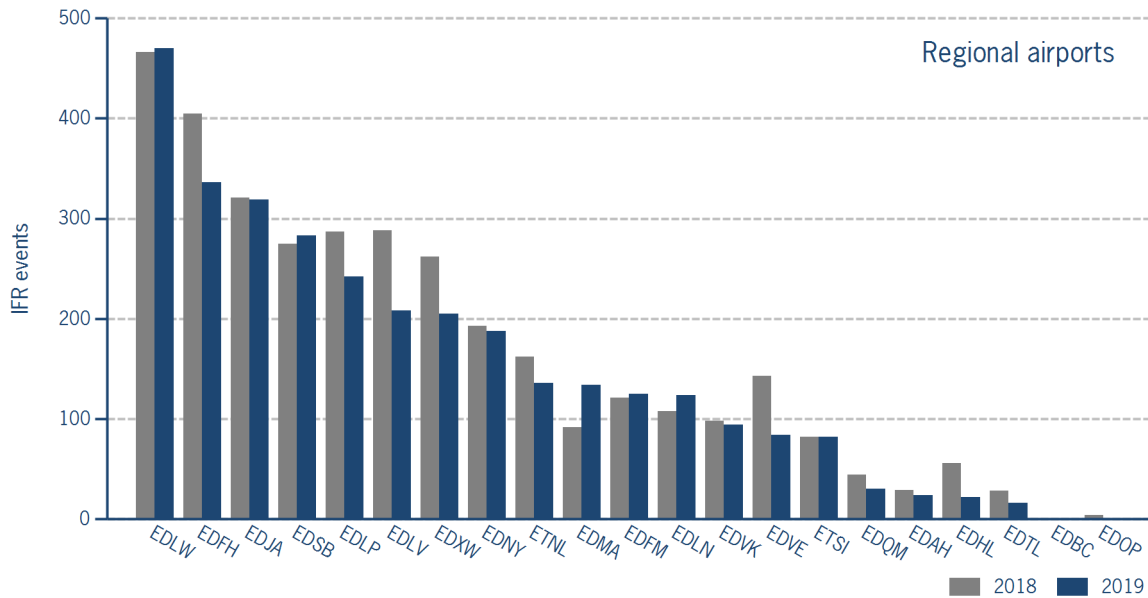
	Week 31	Trend	Week 1 - 31	Trend
EDAH Heringsdorf	24	-17,2%	511	-3,0%
EDBC Magdeburg/Cochstedt	0	N/A	1	0,0%
EDFH Frankfurt-Hahn	336	-17,0%	9.927	-18,1%
EDFM Mannheim City	125	3,3%	4.048	3,6%
EDHL Lübeck-Blankensee	22	-60,7%	1.633	5,4%
EDJA Memmingen	319	-0,6%	9.288	16,1%
EDLN Mönchengladbach	124	14,8%	3.818	-2,7%
EDLP Paderborn/Lippstadt	242	-15,7%	7.849	-1,8%
EDLV Niederrhein	208	-27,8%	5.662	-24,9%
EDLW Dortmund	470	0,9%	14.000	7,3%
EDMA Augsburg	134	45,7%	4.205	-0,8%
EDNY Friedrichshafen	188	-2,6%	6.479	4,1%
EDOP Schwerin-Parchim	0	-100,0%	24	-93,5%
EDQM Hof-Plauen	30	-31,8%	924	11,6%
EDSB Karlsruhe/Baden-Baden	283	2,9%	7.267	-0,3%
EDTL Lahr	16	-42,9%	888	-2,3%
EDVE Braunschweig-Wolfsburg	84	-41,3%	5.390	-4,7%
EDVK Kassel-Calden	94	-4,1%	2.752	-1,6%
EDXW Sylt	205	-21,8%	3.561	-5,3%
ETNL Laage	136	-16,0%	4.997	-12,4%
ETSI Ingolstadt/Manching	82	0,0%	3.220	-2,4%

*The value is of limited conclusiveness (OLC).

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

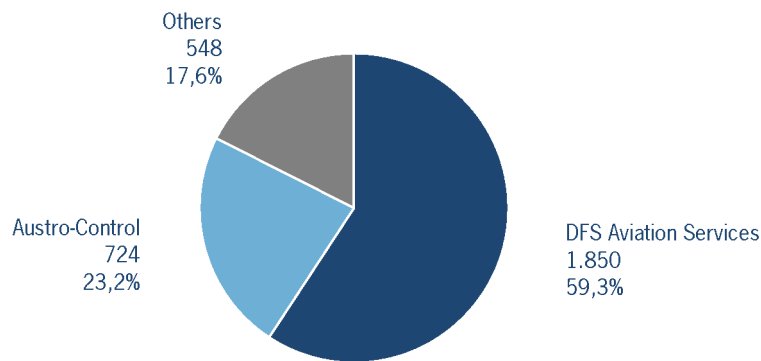
IFR flights at regional German airports - in detail

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	0,0093	0,4100	
EDDL	Düsseldorf	0	1,1050	
EDDF	Frankfurt/Main	0	0,9466	
EDDK	Köln/Bonn	0	0,5351	
EDDW	Bremen	0,3538	0	
EDDT	Berlin-Tegel	0	0,1861	
EDDN	Nürnberg	0	0,1704	
EDDP	Leipzig/Halle	0,1392	0	
EDDH	Hamburg	0	0,0325	
EDDM	München	0	0,0125	

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)