



LIZ Bulletin

DFS Situation and Information Centre

Week 42

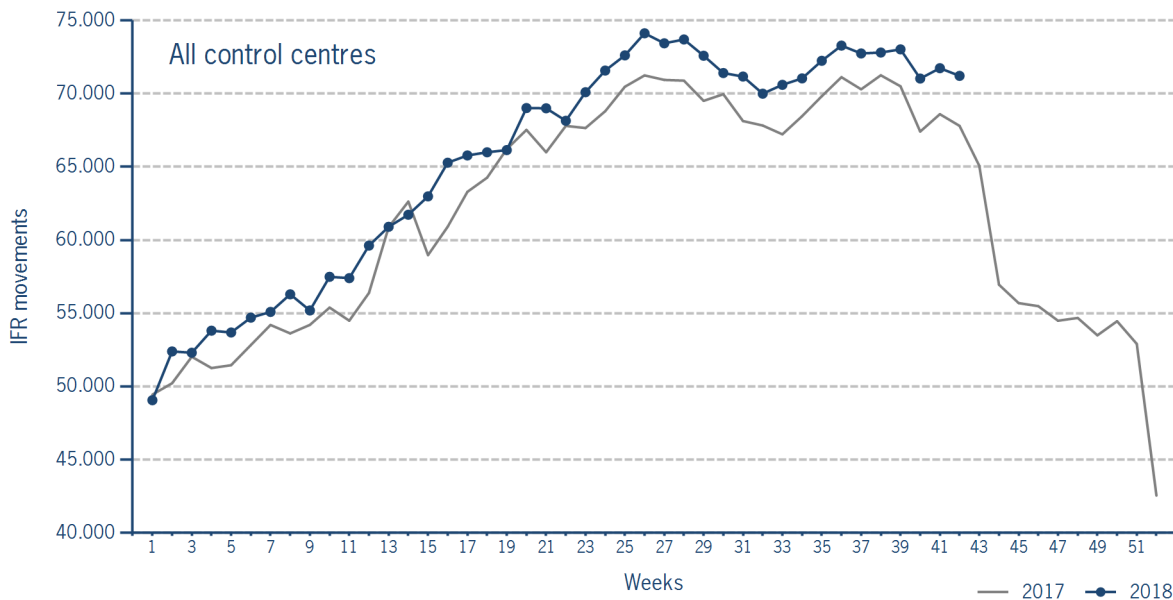
15 OCT 2018 - 21 OCT 2018

Version 06.11.2018

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 42	71.222	67.801	5,0%
Cumulated Weeks	2.752.595	2.661.972	3,4%

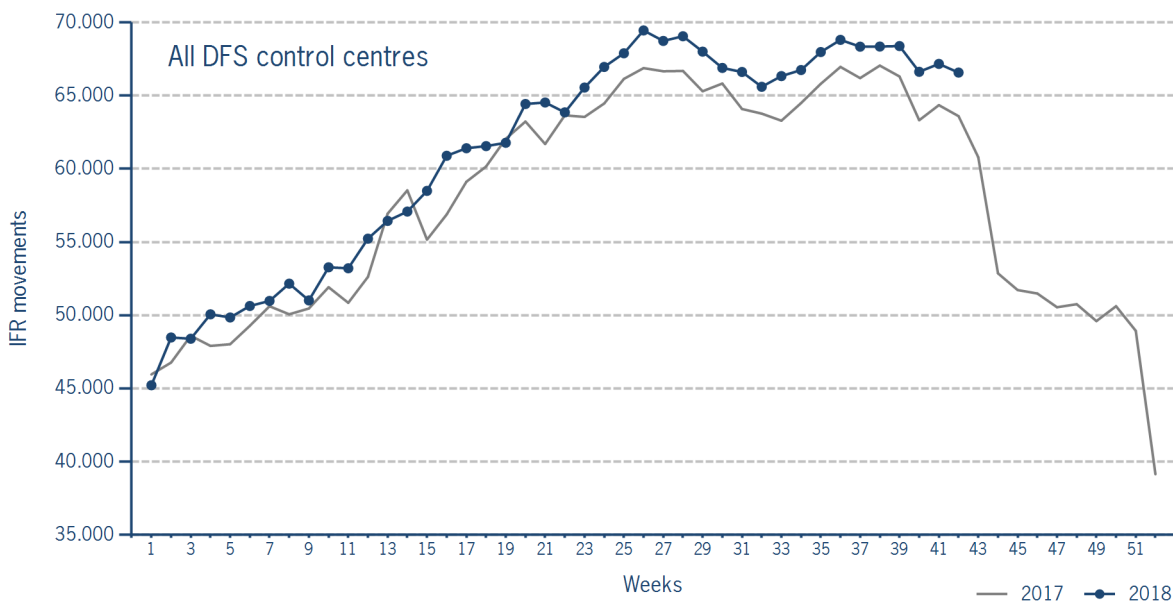


Please note: This count covers the traffic in the area build by all control sectors with a German designator („ED“), regardless of the service provider, including civil and military traffic in sectors controlled by DFS and Maastricht UAC (Maastricht-Hannover sectors). The area counted is composed of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

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

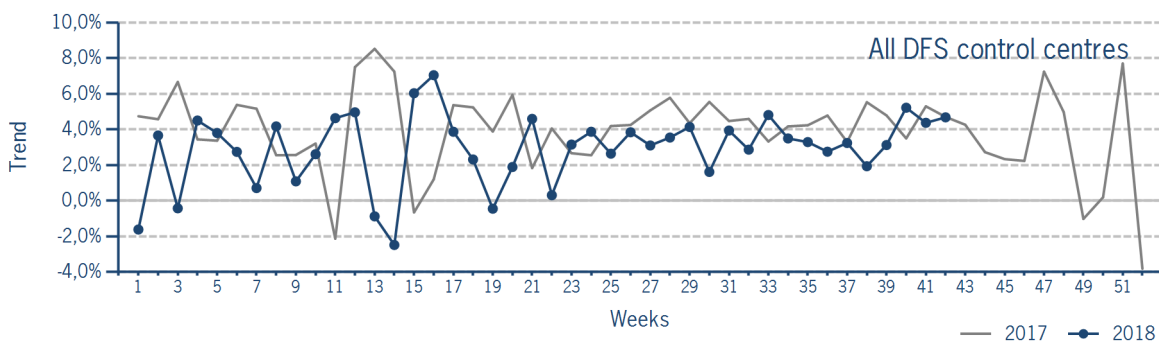
	2018	2017	Trend
Week 42	66.582	63.602	4,7%
Cumulated Weeks	2.569.242	2.495.358	3,0%



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.

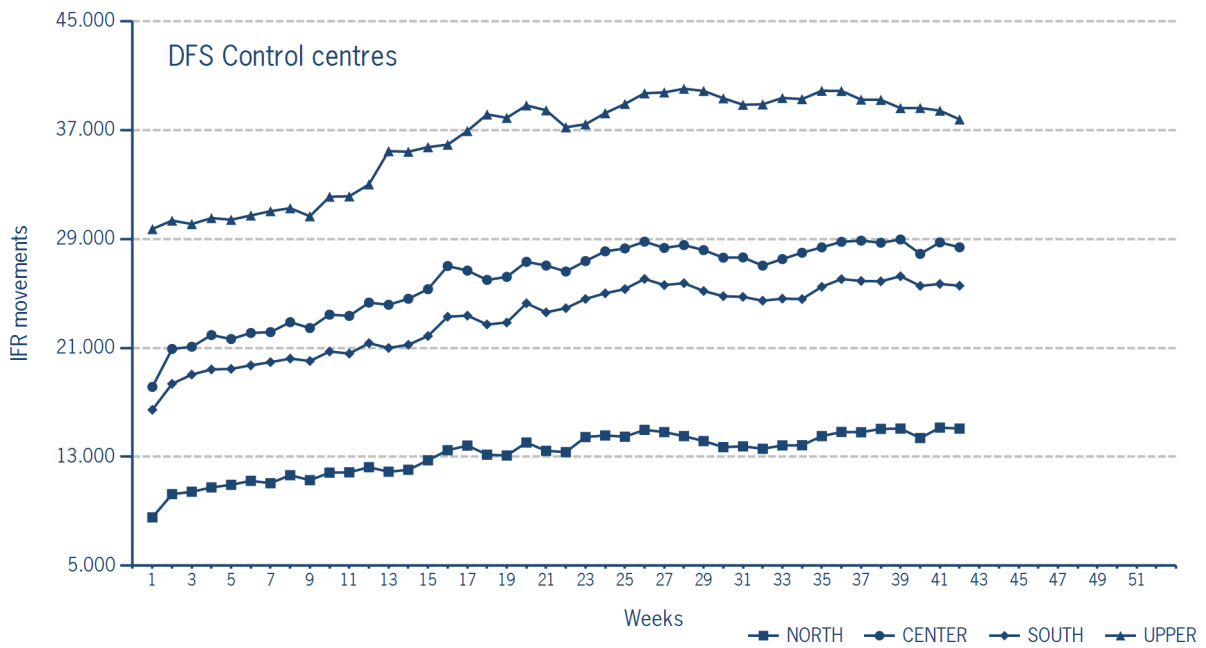


IFR flights controlled by DFS - in detail

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

	NORTH	CENTER	SOUTH	UPPER
Week 42	15.078	28.389	25.566	37.783
Trend	7,1%	3,8%	8,1%	-2,3%
Cumulated Weeks	552.835	1.089.734	970.689	1.523.468
Trend	-0,1%	4,0%	4,8%	-0,5%

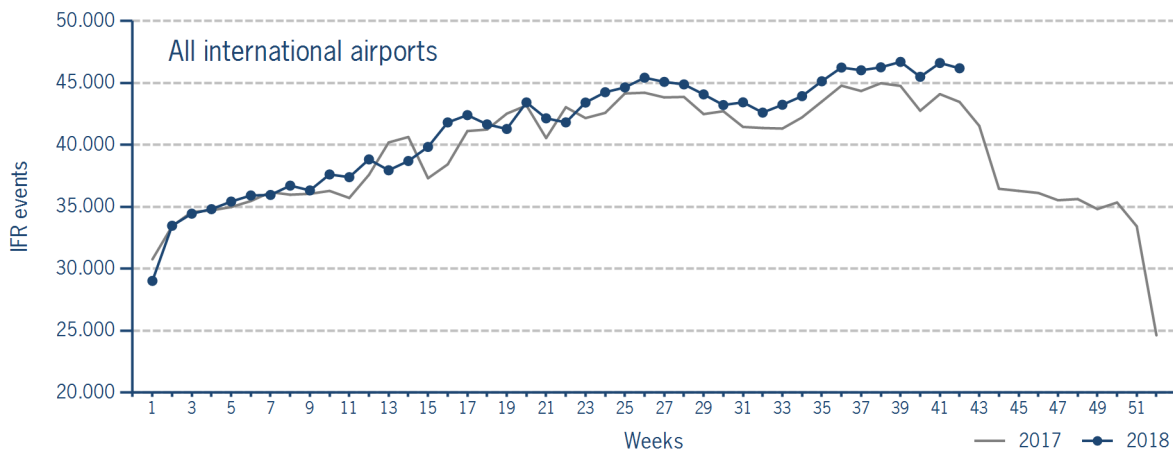
Please note: The trend numbers compare counts of the airspaces in their current configuration to the count of the same airspace in 2017.



IFR flights at international German airports

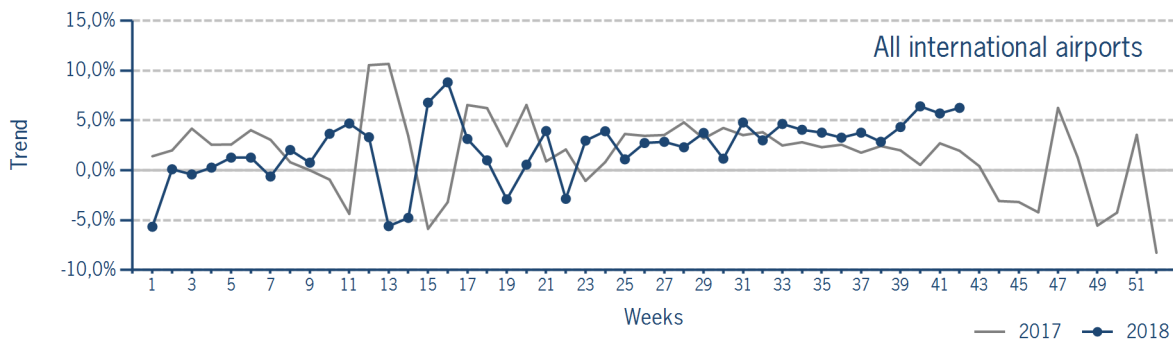
IFR events (take-offs and landings) at the international DFS towers in the Federal Republic of Germany.

	2018	2017	Trend
Week 42	46.187	43.466	6,3%
Cumulated Weeks	1.733.864	1.695.023	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

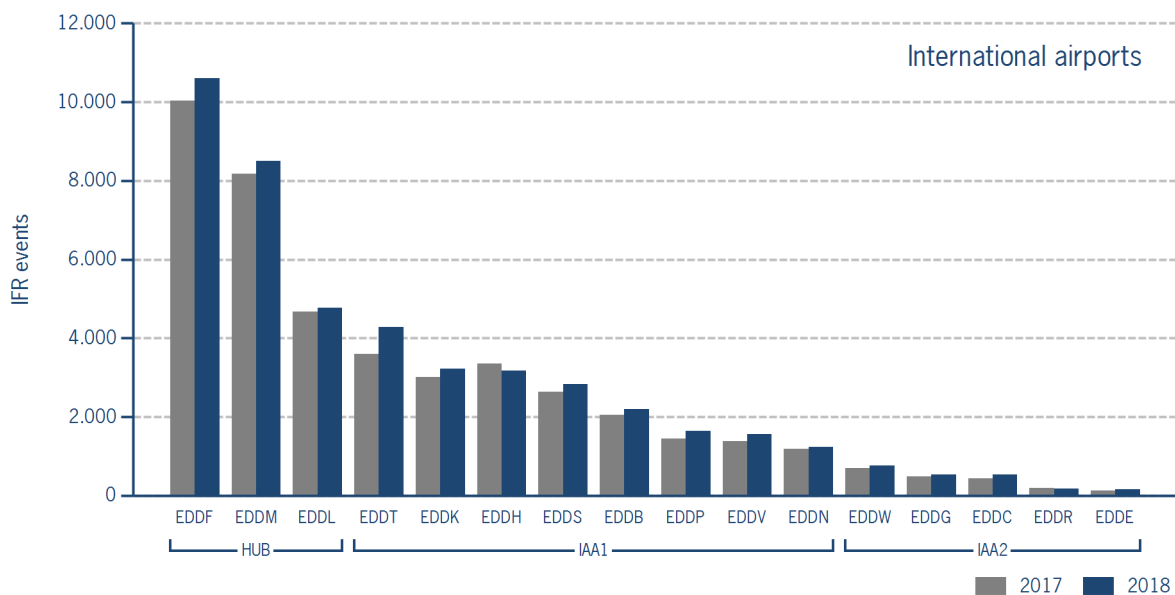
IFR events (take-offs and landings) at the international DFS towers in the Federal Republic of Germany differentiated by Hub Gateways (HUB), International Access Airports 1 (IAA1) and International Access Airports 2 (IAA2).

	HUB	IAA1	IAA2
Week 42	23.873	20.156	2.158
Trend	4,4%	8,1%	10,8%
Cumulated Weeks	927.663	734.027	72.174
Trend	2,5%	2,1%	2,4%

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 42	Trend	Week 1 - 42	Trend
HUB					
EDDF	Frankfurt/Main	10.607	5,8%	417.646	7,7%
EDDL	Düsseldorf	4.764	1,9%	176.467	-5,7%
EDDM	München	8.502	4,1%	333.550	1,0%
IAA1					
EDDB	Berlin-Schönefeld	2.190	6,4%	82.513	1,0%
EDDH	Hamburg	3.178	-5,0%	120.836	-5,2%
EDDK	Köln/Bonn	3.218	6,9%	117.246	2,2%
EDDN	Nürnberg	1.237	4,6%	44.674	1,5%
EDDP	Leipzig/Halle	1.647	14,4%	60.410	14,5%
EDDS	Stuttgart	2.833	7,8%	105.410	8,0%
EDDT	Berlin-Tegel	4.288	19,4%	148.441	-0,5%
EDDV	Hannover	1.565	12,7%	54.497	5,4%
IAA2					
EDDC	Dresden	528	22,5%	18.148	1,8%
EDDE	Erfurt/Weimar	152	15,2%	4.631	-0,8%
EDDG	Münster/Osnabrück	531	9,9%	15.903	4,6%
EDDR	Saarbrücken	176	-11,1%	7.658	0,4%
EDDW	Bremen	771	9,5%	25.834	2,7%



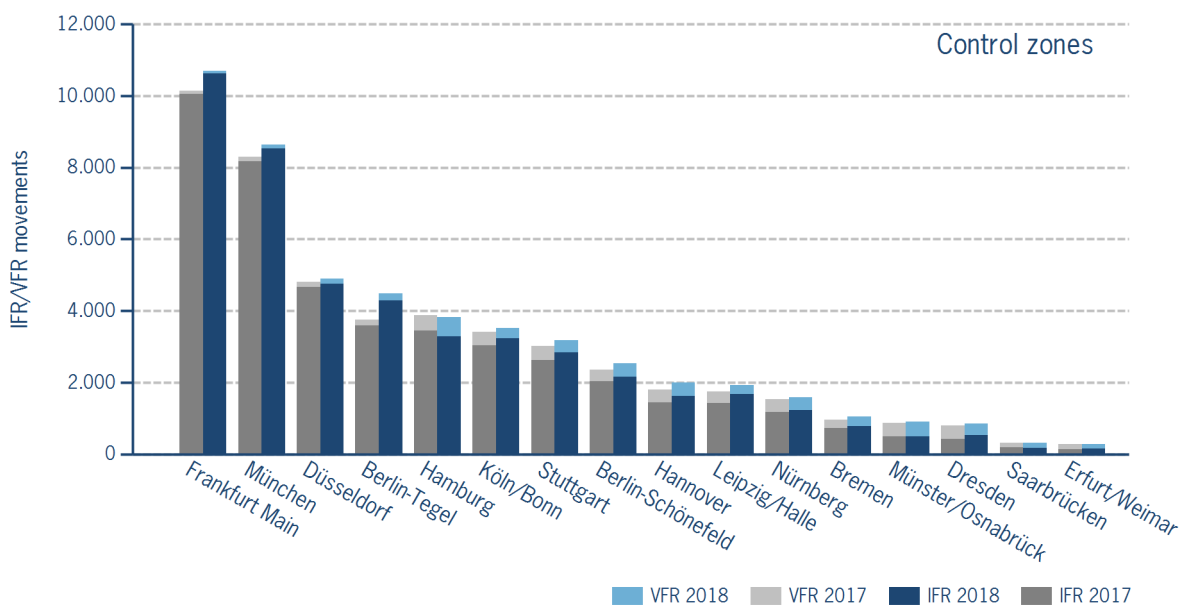
IFR/VFR flights in control zones of DFS towers

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

	Week 42	Trend	Week 1 - 42	Trend
Berlin-Schönefeld	2.532	7,2%	96.523	3,0%
Berlin-Tegel	4.485	19,4%	156.713	0,1%
Bremen	1.050	9,7%	37.946	3,5%
Dresden	847	5,3%	31.575	4,7%
Düsseldorf	4.898	1,9%	182.847	-5,6%
Erfurt/Weimar	284	-1,0%	11.035	-3,3%
Frankfurt Main	10.706	5,6%	422.036	7,6%
Hamburg	3.819	-1,6%	146.472	-3,0%
Hannover	1.998	11,3%	73.996	8,0%
Köln/Bonn	3.524	3,2%	131.590	1,7%
Leipzig/Halle	1.919	10,2%	72.784	11,7%
München	8.645	4,2%	338.645	1,1%
Münster/Osnabrück	897	2,4%	32.983	6,7%
Nürnberg	1.584	3,0%	57.473	2,8%
Saarbrücken	309	0,3%	12.599	-1,5%
Stuttgart	3.179	5,2%	120.560	6,9%

Additional information:

Münster reported 48 glider movements for the current week, i.e. 2.434 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 42	3.885	3.738	3,9%
Cumulated Weeks	138.915	133.726	3,9%

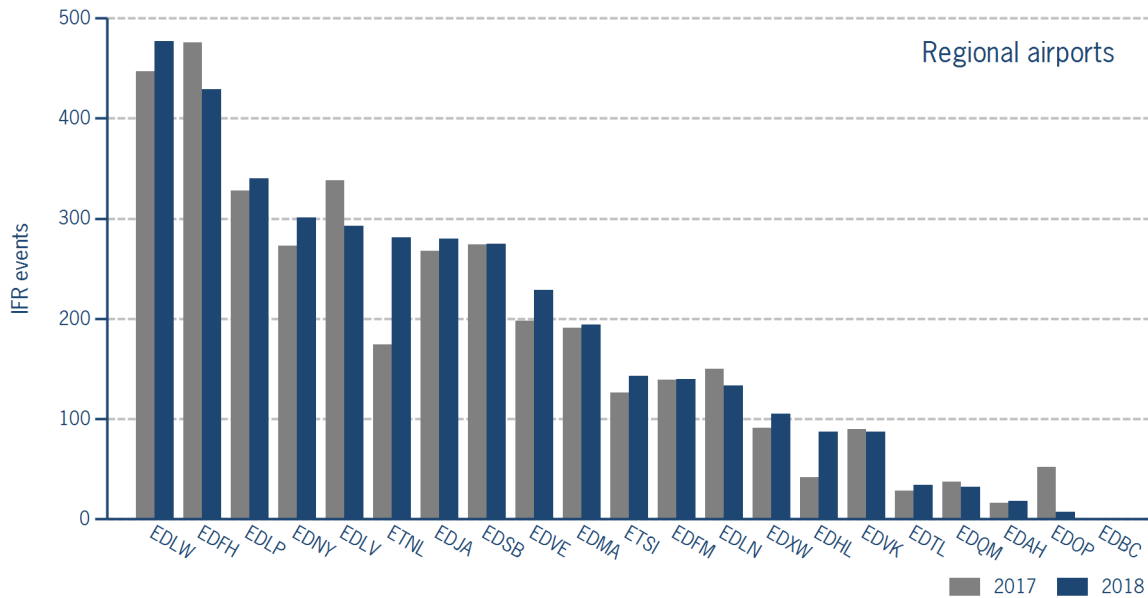
	Week 42	Trend	Week 1 - 42	Trend
EDAH Heringsdorf	18	12,5%	773	-1,0%
EDBC Magdeburg/Cochstedt	0	N/A	1	-75,0%
EDFH Frankfurt-Hahn	429	-9,9%	16.417	-4,1%
EDFM Mannheim City	140	0,7%	5.565	5,8%
EDHL Lübeck-Blankensee	87	107,1%	2.195	31,4%
EDJA Memmingen	280	4,5%	11.206	19,0%
EDLN Mönchengladbach	133	-11,3%	5.431	11,5%
EDLP Paderborn/Lippstadt	340	3,7%	11.588	8,5%
EDLV Niederrhein	293	-13,3%	10.446	-5,2%
EDLW Dortmund	477	6,7%	18.243	11,0%
EDMA Augsburg	194	1,6%	5.755	-2,1%
EDNY Friedrichshafen	301	10,3%	8.547	1,6%
EDOP Schwerin-Parchim	7	-86,5%	458	-51,3%
EDQM Hof-Plauen	32	-13,5%	1.175	-7,1%
EDSB Karlsruhe/Baden-Baden	275	0,4%	10.370	-4,6%
EDTL Lahr	34	21,4%	1.200	-6,1%
EDVE Braunschweig-Wolfsburg	229	15,7%	7.867	-1,4%
EDVK Kassel-Calden	87	-3,3%	3.877	8,4%
EDXW Sylt	105	15,4%	5.371	5,4%
ETNL Laage	281	61,5%	8.019	21,9%
ETSI Ingolstadt/Manching	143	13,5%	4.411	-3,8%

*The value is of limited conclusiveness (OLC).

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

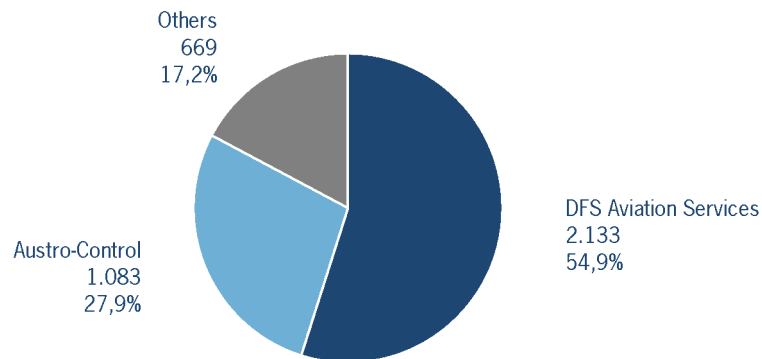
IFR flights at regional German airports - in detail

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	0,0577	0,2069	
EDDW	Bremen	2,8290	0	
EDDK	Köln/Bonn	0,1018	0,8057	
EDDM	München	0	0,5842	
EDDL	Düsseldorf	0	0,2408	
EDDP	Leipzig/Halle	0	0,1956	
EDDV	Hannover	0,1009	0,0932	
EDDH	Hamburg	0	0,1272	

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)