



LIZ Bulletin

DFS Situation and Information Centre

Week 43

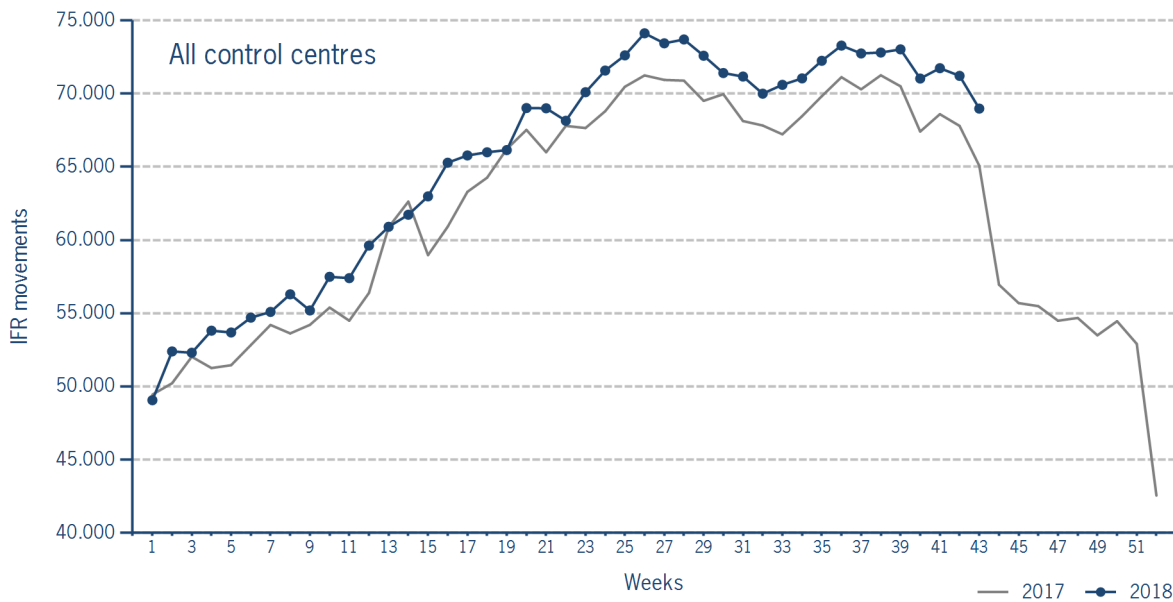
22 OCT 2018 - 28 OCT 2018

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 43	68.984	65.078	6,0%
Cumulated Weeks	2.821.579	2.727.050	3,5%

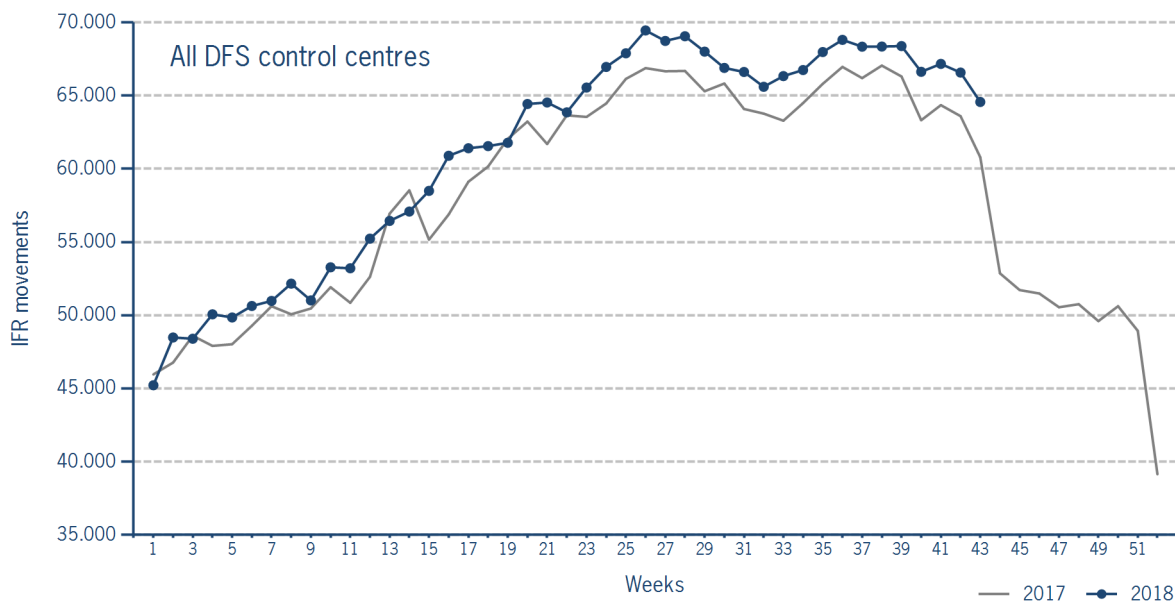


Please note: This count covers the traffic in the area build by all control sectors with a German designator („ED“), regardless of the service provider, including civil and military traffic in sectors controlled by DFS and Maastricht UAC (Maastricht-Hannover sectors). The area counted is composed of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

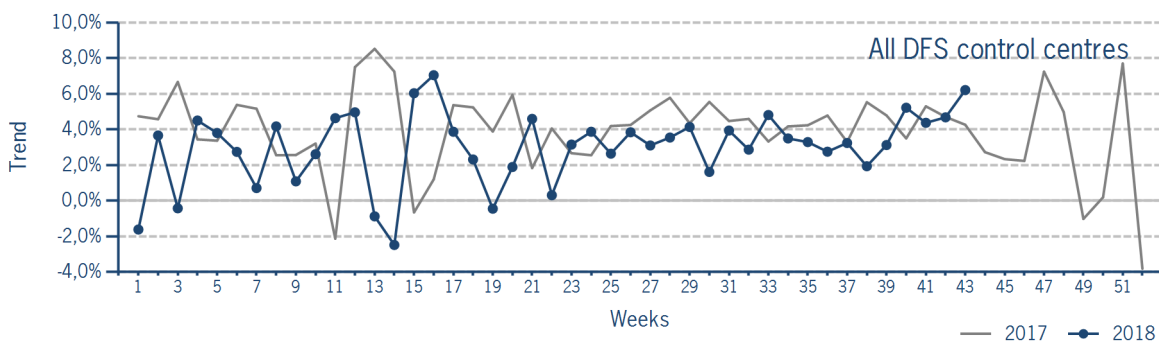
	2018	2017	Trend
Week 43	64.574	60.795	6,2%
Cumulated Weeks	2.633.816	2.556.153	3,0%



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.

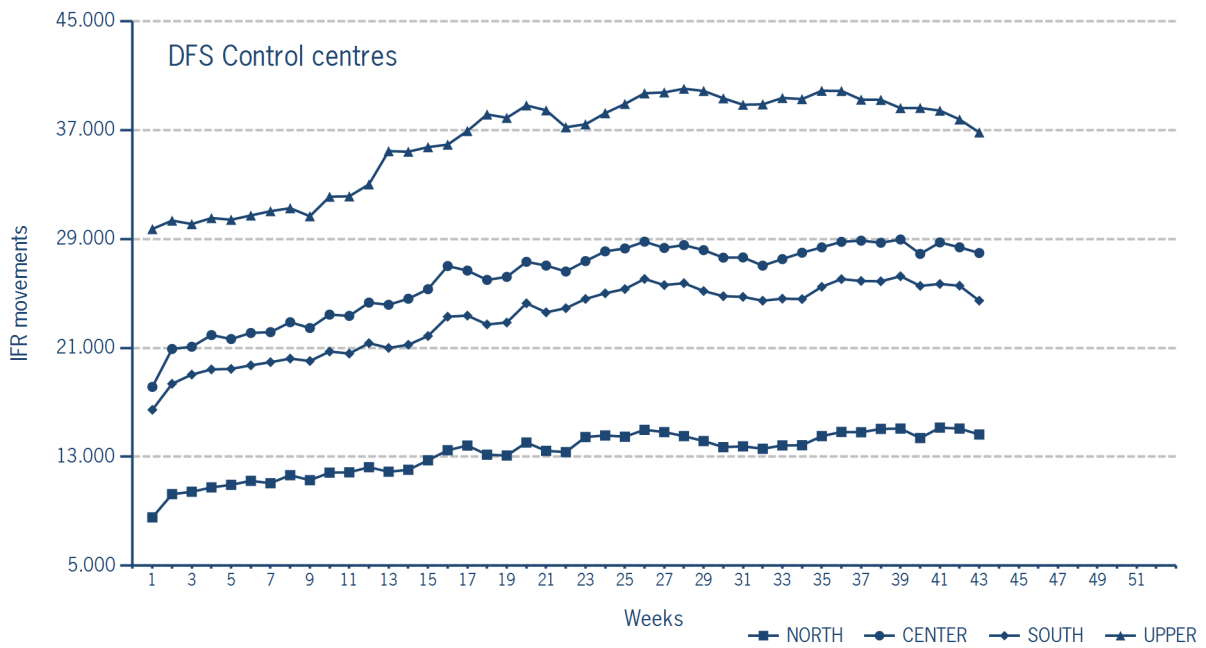


IFR flights controlled by DFS - in detail

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

	NORTH	CENTER	SOUTH	UPPER
Week 43	14.636	27.972	24.469	36.825
Trend	10,8%	6,8%	7,7%	0,5%
Cumulated Weeks	567.471	1.117.706	995.158	1.560.293
Trend	0,2%	4,1%	4,9%	-0,5%

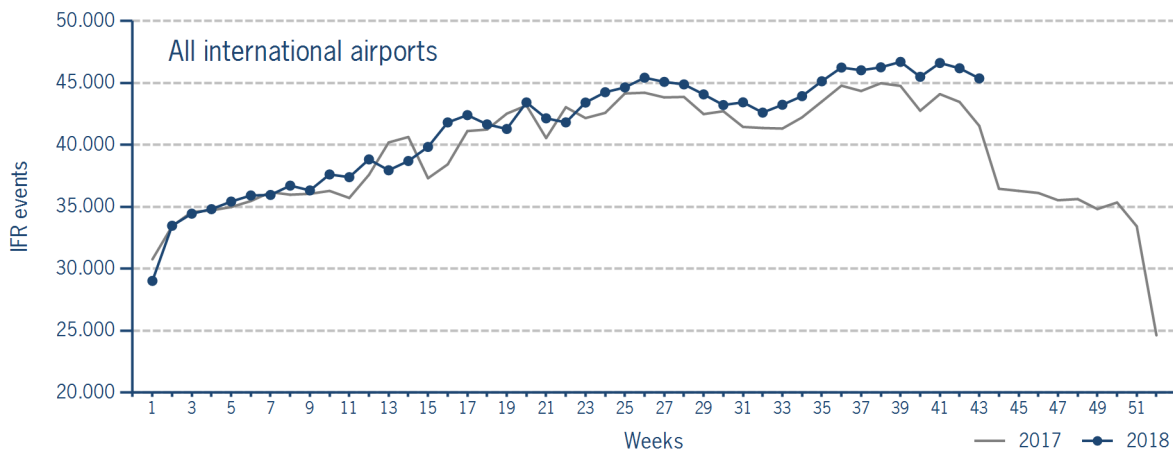
Please note: The trend numbers compare counts of the airspaces in their current configuration to the count of the same airspace in 2017.



IFR flights at international German airports

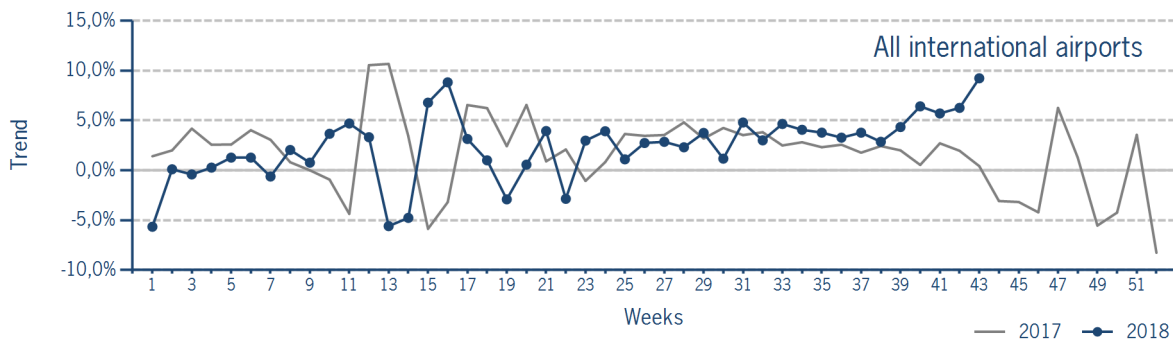
IFR events (take-offs and landings) at the international DFS towers in the Federal Republic of Germany.

	2018	2017	Trend
Week 43	45.368	41.537	9,2%
Cumulated Weeks	1.779.232	1.736.560	2,5%



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 43	23.733	19.692	1.943
Trend	7,6%	11,1%	10,5%
Cumulated Weeks	951.396	753.719	74.117
Trend	2,6%	2,3%	2,6%

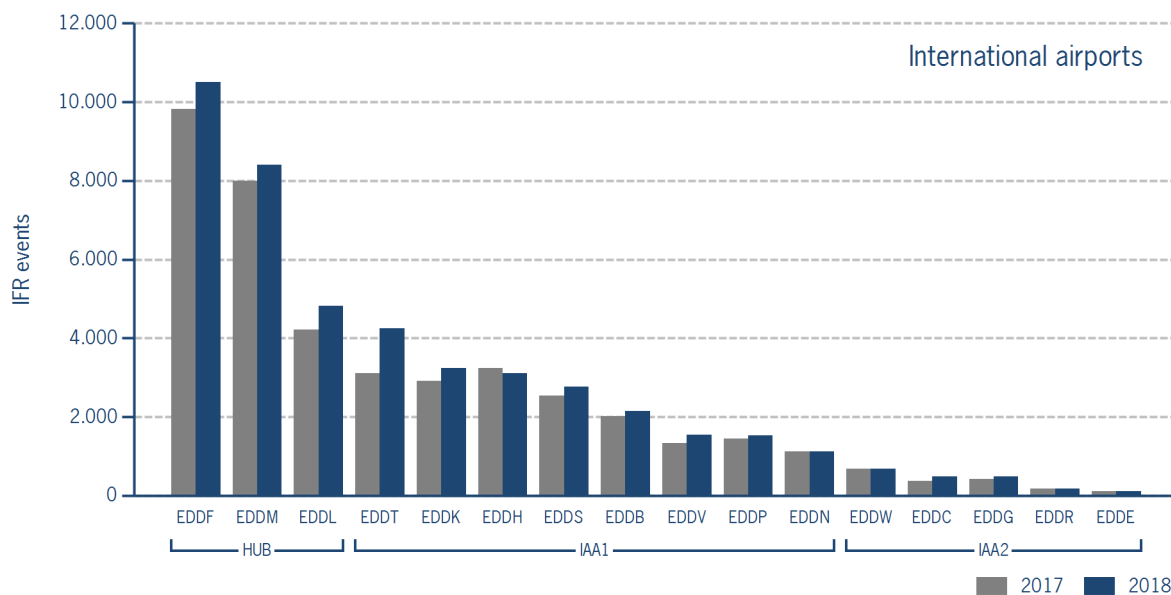
IFR flights at international German airports - in detail

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

		Week 43	Trend	Week 1 - 43	Trend
HUB					
EDDF	Frankfurt/Main	10.502	6,8%	428.148	7,6%
EDDL	Düsseldorf	4.828	14,3%	181.295	-5,3%
EDDM	München	8.403	5,1%	341.953	1,1%

IAA1					
EDDB	Berlin-Schönefeld	2.142	6,1%	84.655	1,1%
EDDH	Hamburg	3.116	-3,6%	123.952	-5,1%
EDDK	Köln/Bonn	3.245	11,6%	120.491	2,4%
EDDN	Nürnberg	1.114	-0,9%	45.788	1,5%
EDDP	Leipzig/Halle	1.522	4,6%	61.932	14,2%
EDDS	Stuttgart	2.765	8,8%	108.175	8,0%
EDDT	Berlin-Tegel	4.242	36,2%	152.683	0,2%
EDDV	Hannover	1.546	15,9%	56.043	5,6%

IAA2					
EDDC	Dresden	487	32,3%	18.635	2,4%
EDDE	Erfurt/Weimar	113	1,8%	4.744	-0,8%
EDDG	Münster/Osnabrück	481	14,3%	16.384	4,9%
EDDR	Saarbrücken	183	4,0%	7.841	0,5%
EDDW	Bremen	679	-0,6%	26.513	2,6%



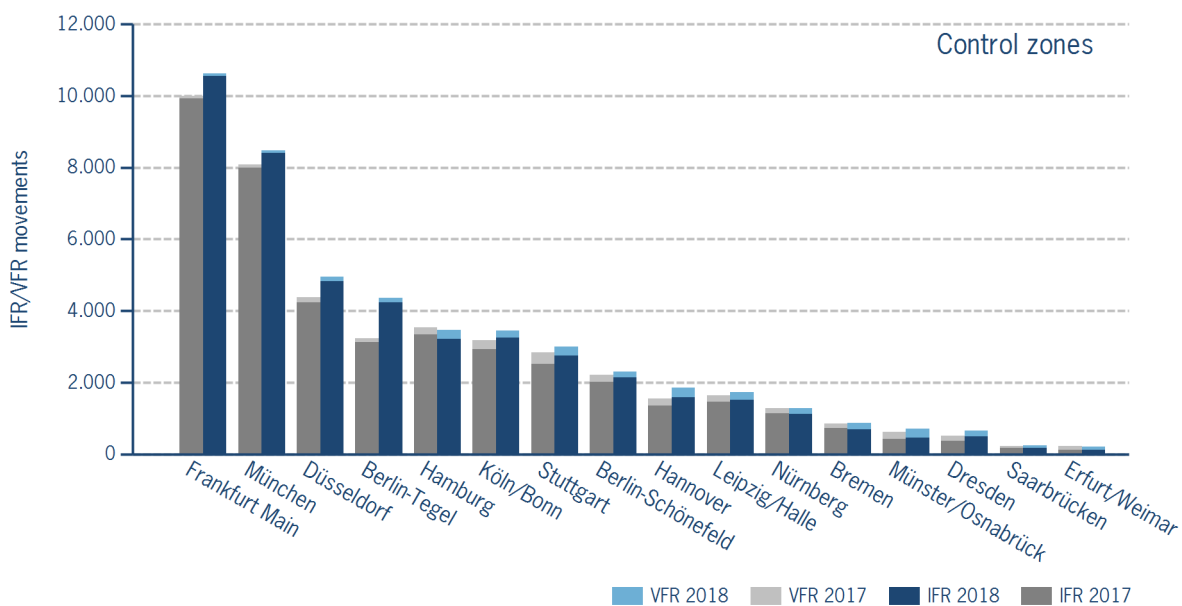
IFR/VFR flights in control zones of DFS towers

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

	Week 43	Trend	Week 1 - 43	Trend
Berlin-Schönefeld	2.301	4,3%	98.824	3,0%
Berlin-Tegel	4.355	35,0%	161.068	0,8%
Bremen	862	0,9%	38.808	3,4%
Dresden	659	28,5%	32.234	5,1%
Düsseldorf	4.948	12,9%	187.795	-5,2%
Erfurt/Weimar	215	-1,4%	11.250	-3,2%
Frankfurt Main	10.623	6,3%	432.659	7,6%
Hamburg	3.468	-1,8%	149.940	-3,0%
Hannover	1.849	19,8%	75.845	8,3%
Köln/Bonn	3.454	8,8%	135.044	1,8%
Leipzig/Halle	1.723	4,9%	74.507	11,5%
München	8.485	5,0%	347.130	1,2%
Münster/Osnabrück	712	14,7%	33.695	6,9%
Nürnberg	1.283	-0,3%	58.756	2,7%
Saarbrücken	244	5,2%	12.843	-1,4%
Stuttgart	3.004	6,1%	123.564	6,8%

Additional information:

Münster reported no 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 43	3.543	3.548	-0,1%
Cumulated Weeks	142.458	137.274	3,8%

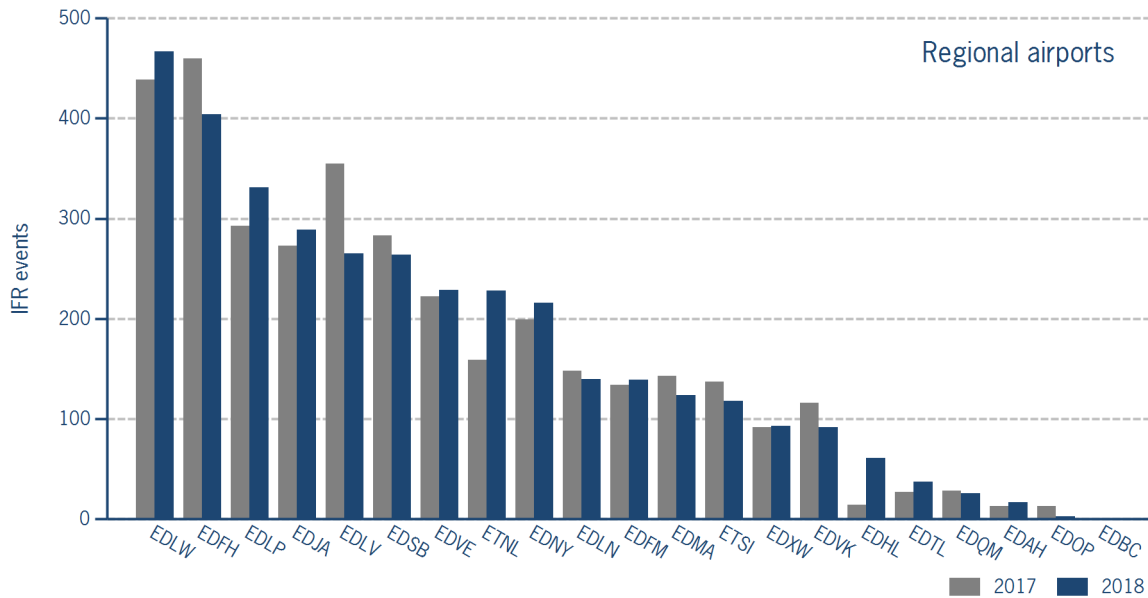
	Week 43	Trend	Week 1 - 43	Trend
EDAH Heringsdorf	17	30,8%	790	-0,5%
EDBC Magdeburg/Cochstedt	0	N/A	1	-75,0%
EDFH Frankfurt-Hahn	404	-12,2%	16.821	-4,3%
EDFM Mannheim City	139	3,7%	5.704	5,8%
EDHL Lübeck-Blankensee	61	OLC*	2.256	34,0%
EDJA Memmingen	289	5,9%	11.495	18,6%
EDLN Mönchengladbach	140	-5,4%	5.571	11,0%
EDLP Paderborn/Lippstadt	331	13,0%	11.919	8,6%
EDLV Niederrhein	265	-25,4%	10.711	-5,8%
EDLW Dortmund	467	6,4%	18.710	10,9%
EDMA Augsburg	124	-13,3%	5.879	-2,4%
EDNY Friedrichshafen	216	8,5%	8.763	1,8%
EDOP Schwerin-Parchim	3	-76,9%	461	-51,6%
EDQM Hof-Plauen	26	-7,1%	1.201	-7,1%
EDSB Karlsruhe/Baden-Baden	264	-6,7%	10.634	-4,7%
EDTL Lahr	37	37,0%	1.237	-5,2%
EDVE Braunschweig-Wolfsburg	229	3,2%	8.096	-1,3%
EDVK Kassel-Calden	92	-20,7%	3.969	7,4%
EDXW Sylt	93	1,1%	5.464	5,4%
ETNL Laage	228	43,4%	8.247	22,4%
ETSI Ingolstadt/Manching	118	-13,9%	4.529	-4,1%

*The value is of limited conclusiveness (OLC).

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

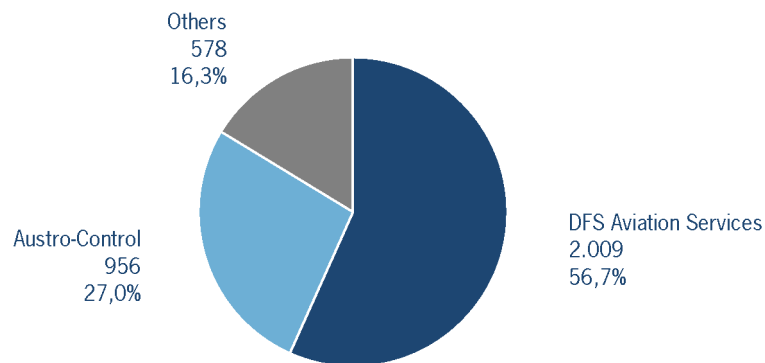
IFR flights at regional German airports - in detail

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	0,0459	0,3096	
EDDW	Bremen	3,1104	0	
EDDP	Leipzig/Halle	0	1,3003	
EDDL	Düsseldorf	0	1,1762	
EDDK	Köln/Bonn	0	0,8803	
EDDH	Hamburg	0	0,5006	
EDDF	Frankfurt/Main	0	0,1609	
EDDM	München	0	0,0321	

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)