



# LIZ Bulletin

DFS Situation and Information Centre

Week 33

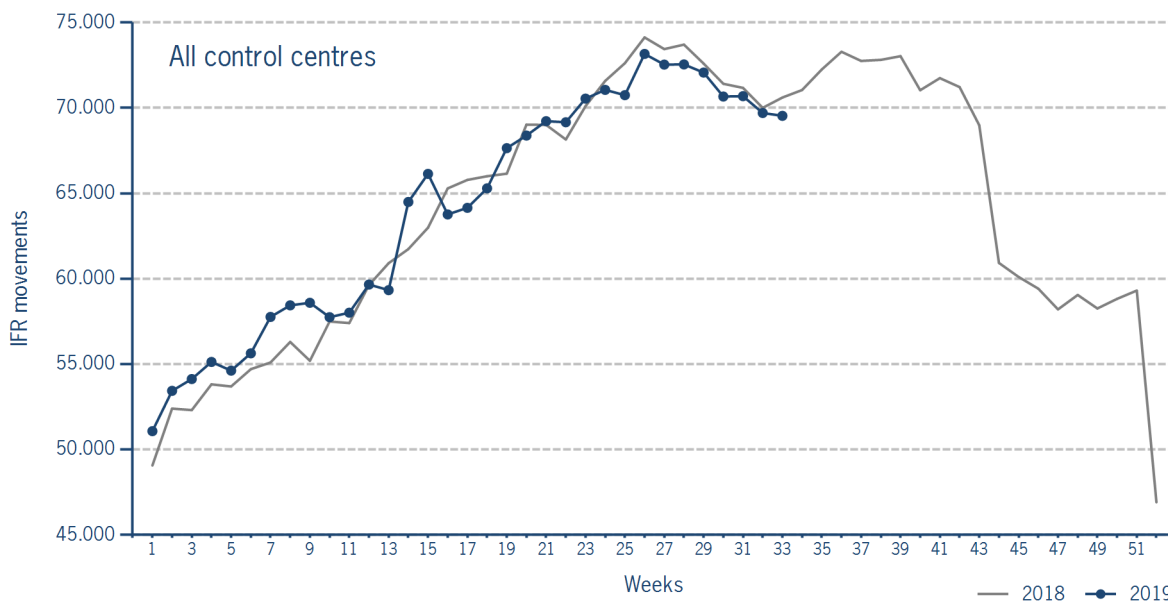
12 AUG 2019 - 18 AUG 2019

Version 22.08.2019

## 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 33	69.536	70.608	-1,5%
Cumulated Weeks	2.114.970	2.103.404	0,5%

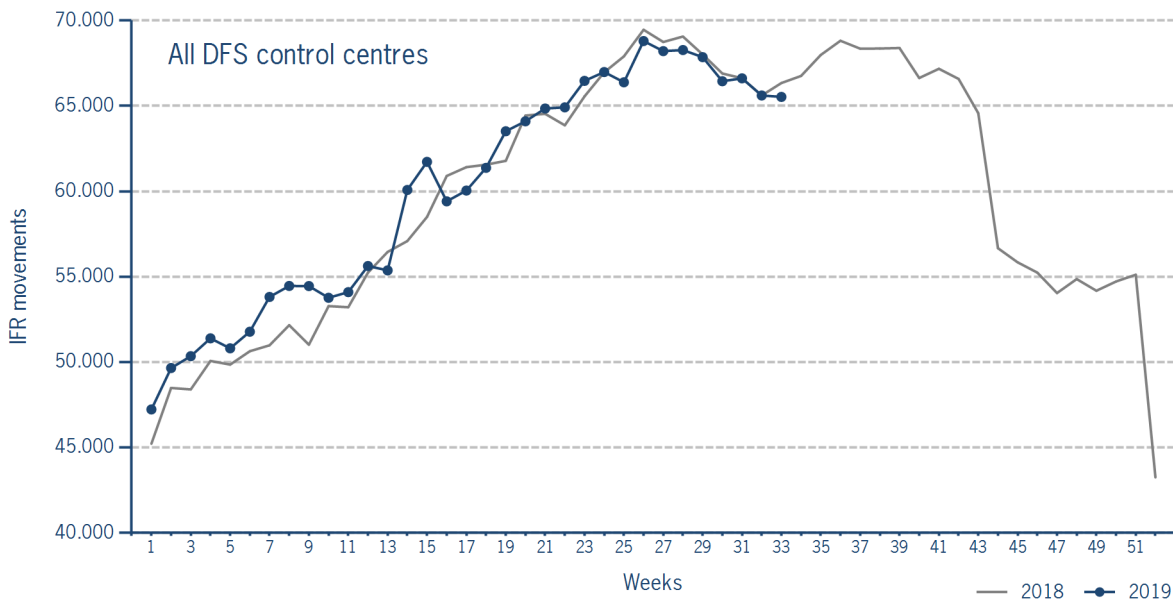


Please note: This count covers the traffic in the area build by all control sectors with a German designator („ED“), regardless of the service provider, including civil and military traffic in sectors controlled by DFS and Maastricht UAC (Maastricht-Hannover sectors). The area counted is composed of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

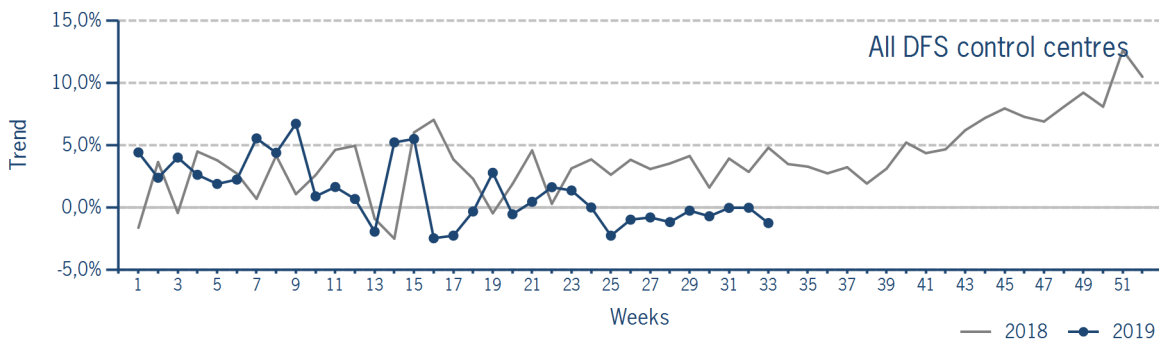
	2019	2018	Trend
<b>Week 33</b>	65.528	66.342	-1,2%
<b>Cumulated Weeks</b>	1.979.905	1.960.183	1,0%



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.

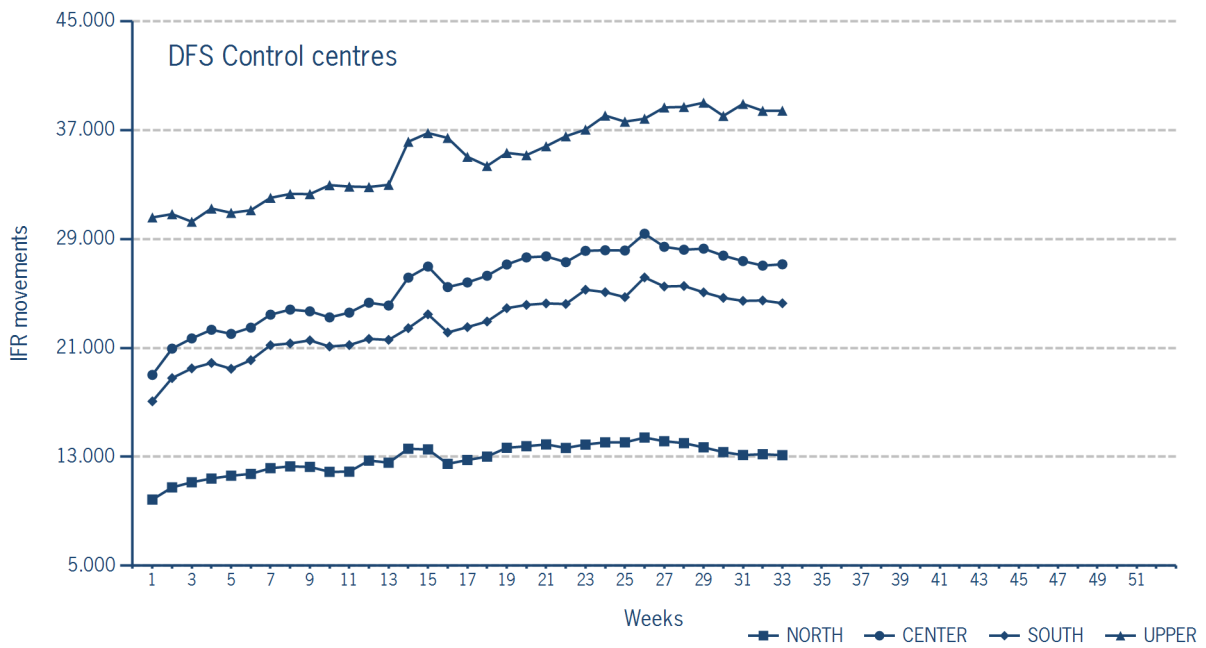


### IFR flights controlled by DFS - in detail

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

	NORTH	CENTER	SOUTH	UPPER
<b>Week 33</b>	13.119	27.142	24.279	38.425
<b>Trend</b>	-5,2%	-1,4%	-1,4%	-2,4%
<b>Cumulated Weeks</b>	423.818	843.339	749.846	1.155.542
<b>Trend</b>	0,9%	1,2%	1,4%	-1,4%

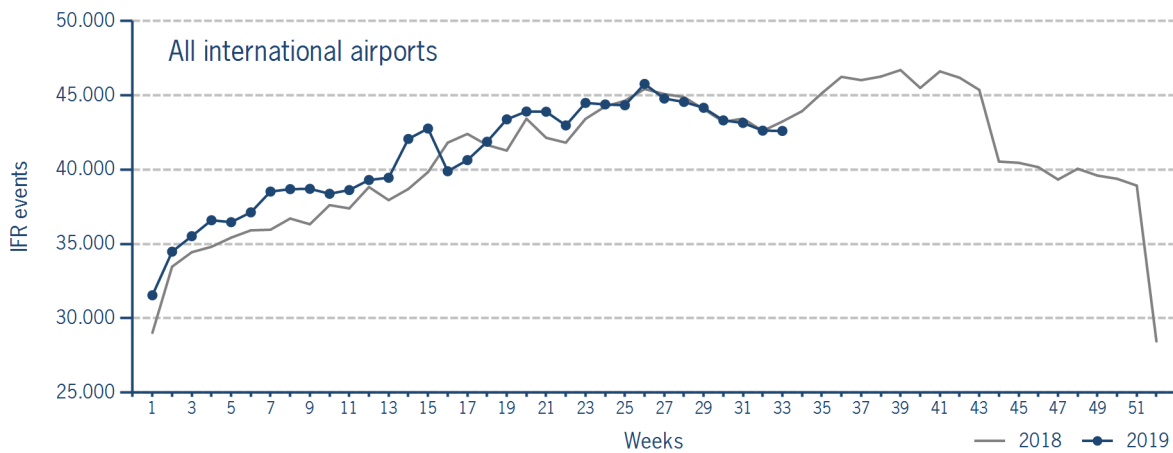
Please note: The trend numbers compare counts of the airspaces in their current configuration to the count of the same airspace in 2018.



### IFR flights at international German airports

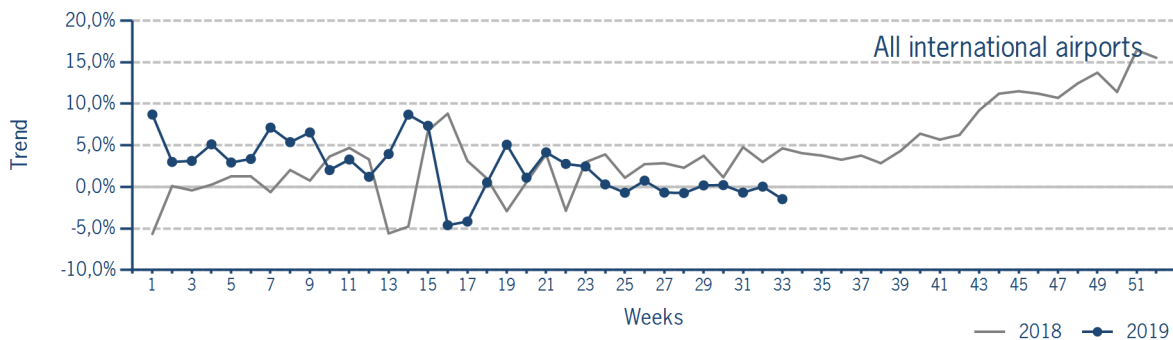
IFR events (take-offs and landings) at the international DFS towers in the Federal Republic of Germany.

	2019	2018	Trend
<b>Week 33</b>	42.607	43.238	-1,5%
<b>Cumulated Weeks</b>	1.349.048	1.321.255	2,1%



### 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

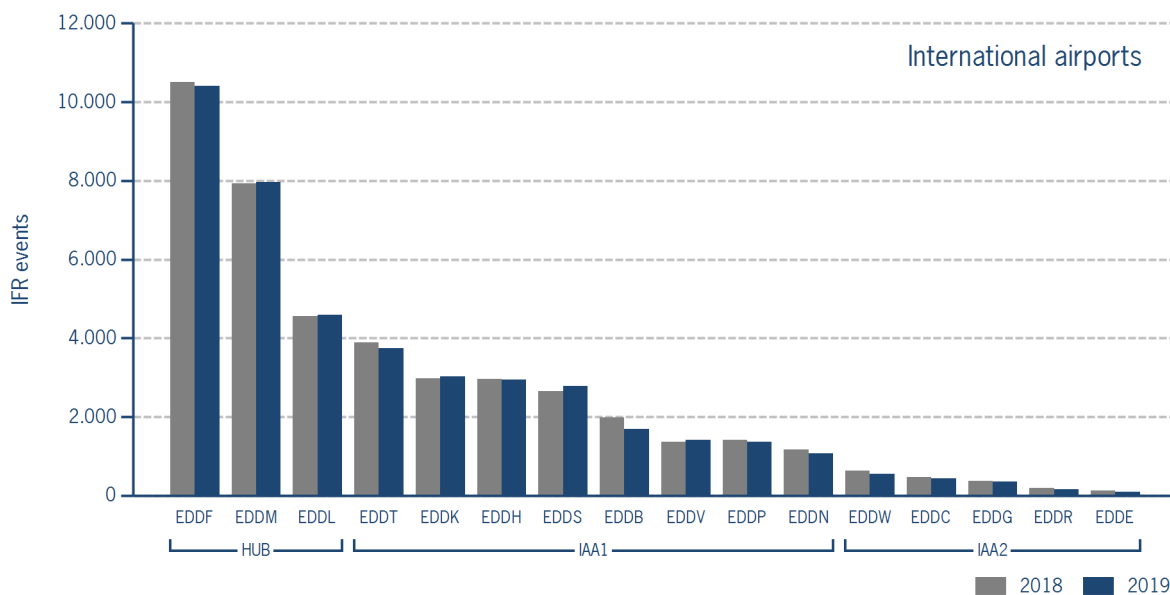
IFR events (take-offs and landings) at the international DFS towers in the Federal Republic of Germany differentiated by Hub Gateways (HUB), International Access Airports 1 (IAA1) and International Access Airports 2 (IAA2).

	HUB	IAA1	IAA2
<b>Week 33</b>	22.963	18.050	1.594
<b>Trend</b>	-0,1%	-2,1%	-11,9%
<b>Cumulated Weeks</b>	732.038	566.624	50.386
<b>Trend</b>	2,9%	1,9%	-6,7%

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
<b>HUB</b>					
EDDF	Frankfurt/Main	10.401	-1,0%	326.861	1,6%
EDDL	Düsseldorf	4.595	0,8%	143.040	7,0%
EDDM	München	7.967	0,5%	262.137	2,4%
<b>IAA1</b>					
EDDB	Berlin-Schönefeld	1.689	-15,2%	58.225	-8,6%
EDDH	Hamburg	2.943	-0,7%	94.610	2,5%
EDDK	Köln/Bonn	3.034	1,6%	88.460	0,0%
EDDN	Nürnberg	1.070	-8,5%	30.684	-9,1%
EDDP	Leipzig/Halle	1.362	-3,9%	47.245	2,0%
EDDS	Stuttgart	2.790	5,0%	83.608	5,0%
EDDT	Berlin-Tegel	3.744	-3,6%	123.396	11,1%
EDDV	Hannover	1.418	3,7%	40.396	-0,4%
<b>IAA2</b>					
EDDC	Dresden	429	-10,1%	12.895	-5,3%
EDDE	Erfurt/Weimar	102	-22,7%	2.873	-14,6%
EDDG	Münster/Osnabrück	354	-6,1%	11.456	-2,1%
EDDR	Saarbrücken	159	-17,6%	4.854	-16,5%
EDDW	Bremen	550	-12,8%	18.308	-6,3%



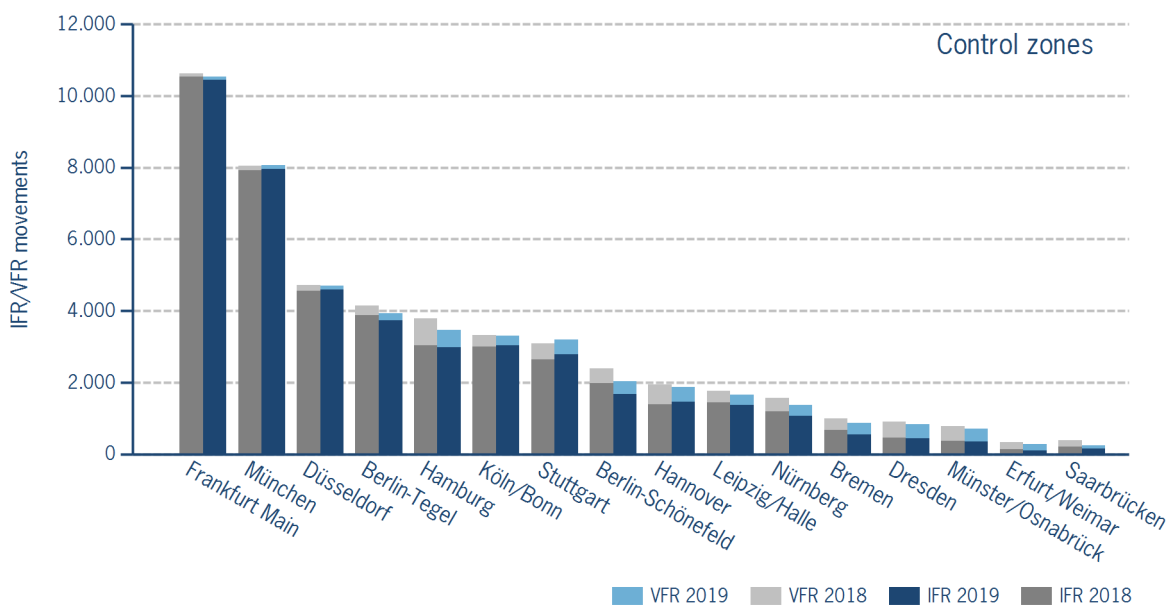
### IFR/VFR flights in control zones of DFS towers

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	2.042	-14,8%	68.523	-8,0%
Berlin-Tegel	3.925	-5,3%	128.830	9,7%
Bremen	871	-12,9%	26.679	-7,8%
Dresden	833	-8,6%	22.102	-7,1%
Düsseldorf	4.705	-0,3%	147.392	6,3%
Erfurt/Weimar	277	-14,5%	8.055	-3,1%
Frankfurt Main	10.534	-0,9%	330.259	1,6%
Hamburg	3.465	-8,7%	112.070	0,0%
Hannover	1.879	-3,2%	54.098	-2,6%
Köln/Bonn	3.296	-1,1%	97.884	-1,6%
Leipzig/Halle	1.653	-6,3%	56.056	0,1%
München	8.074	0,3%	266.099	2,4%
Münster/Osnabrück	714	-8,6%	23.496	-5,3%
Nürnberg	1.376	-12,5%	40.185	-7,4%
Saarbrücken	242	-36,6%	7.811	-18,7%
Stuttgart	3.202	3,7%	94.111	3,2%

Additional information:

Münster reported 28 glider movements for the current week, i.e. 2.596 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
<b>Week 33</b>	3.164	3.414	-7,3%
<b>Cumulated Weeks</b>	102.754	106.248	-3,3%

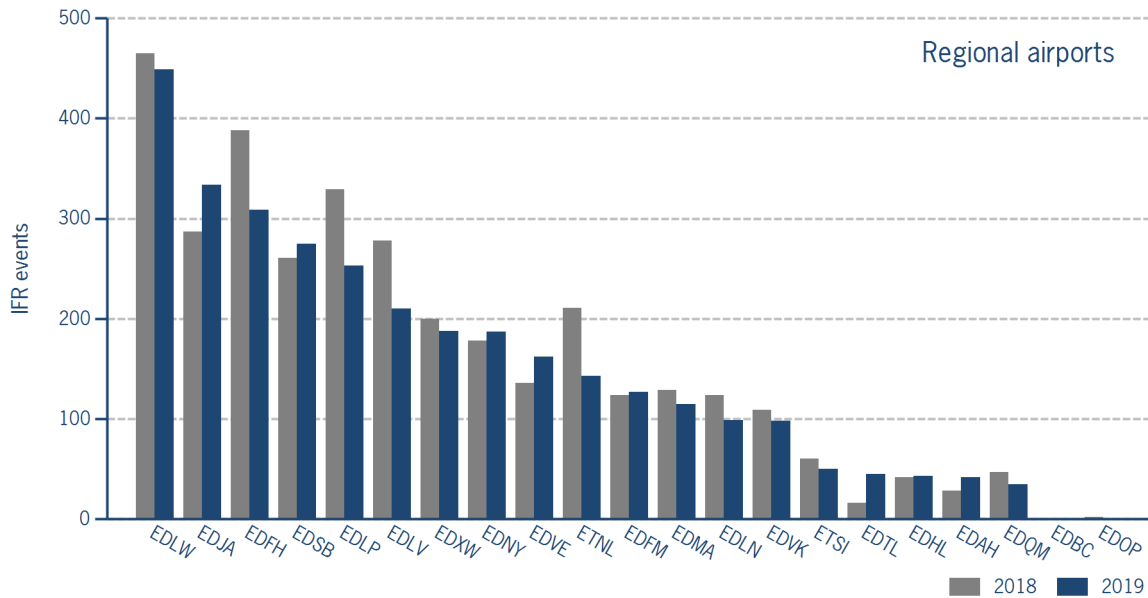
	Week 33	Trend	Week 1 - 33	Trend
EDAH Heringsdorf	42	50,0%	586	0,2%
EDBC Magdeburg/Cochstedt	0	N/A	1	0,0%
EDFH Frankfurt-Hahn	309	-20,4%	10.525	-18,3%
EDFM Mannheim City	127	2,4%	4.288	3,0%
EDHL Lübeck-Blankensee	43	2,4%	1.734	6,3%
EDJA Memmingen	334	16,4%	9.934	16,2%
EDLN Mönchengladbach	99	-20,2%	4.021	-2,9%
EDLP Paderborn/Lippstadt	253	-23,1%	8.368	-2,3%
EDLV Niederrhein	210	-24,5%	6.072	-24,6%
EDLW Dortmund	449	-3,4%	14.929	7,0%
EDMA Augsburg	115	-10,9%	4.437	-0,4%
EDNY Friedrichshafen	187	5,1%	6.830	3,8%
EDOP Schwerin-Parchim	0	-100,0%	24	-93,7%
EDQM Hof-Plauen	35	-25,5%	999	9,9%
EDSB Karlsruhe/Baden-Baden	275	5,4%	7.826	0,3%
EDTL Lahr	45	181,3%	968	1,5%
EDVE Braunschweig-Wolfsburg	162	19,1%	5.690	-4,3%
EDVK Kassel-Calden	98	-10,1%	2.951	-0,9%
EDXW Sylt	188	-6,0%	3.924	-5,9%
ETNL Laage	143	-32,2%	5.308	-13,3%
ETSI Ingolstadt/Manching	50	-16,7%	3.339	-2,4%

\*The value is of limited conclusiveness (OLC).

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

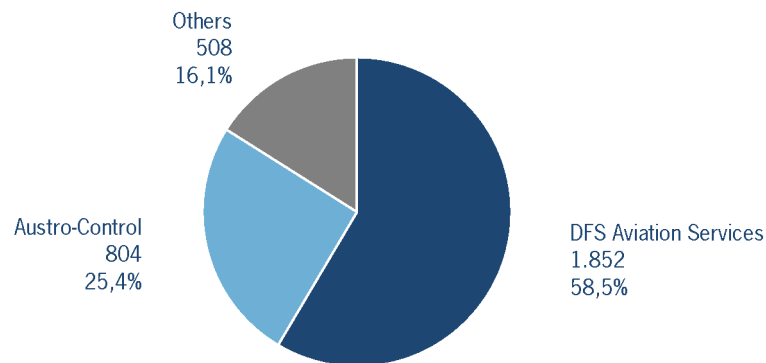
### IFR flights at regional German airports - in detail

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	0,0207	0,5745	
EDDW	Bremen	1,6095	0	
EDDF	Frankfurt/Main	0	1,5013	
EDDL	Düsseldorf	0	0,8535	
EDDK	Köln/Bonn	0	0,4954	
EDDM	München	0	0,4309	

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)