![DFS Deutsche Flugsicherung logo]

DFS Deutsche Flugsicherung
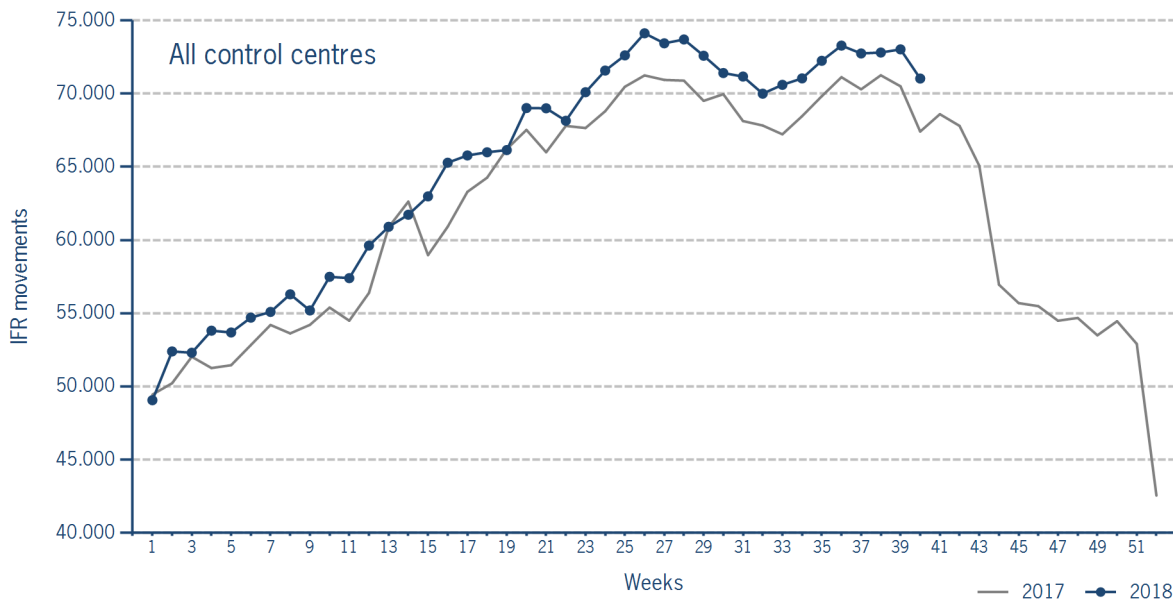
LIZ Bulletin

DFS Situation and Information Centre

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 40	71.037	67.413	5,4%
Cumulated Weeks	2.609.628	2.525.569	3,3%

All control centres

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

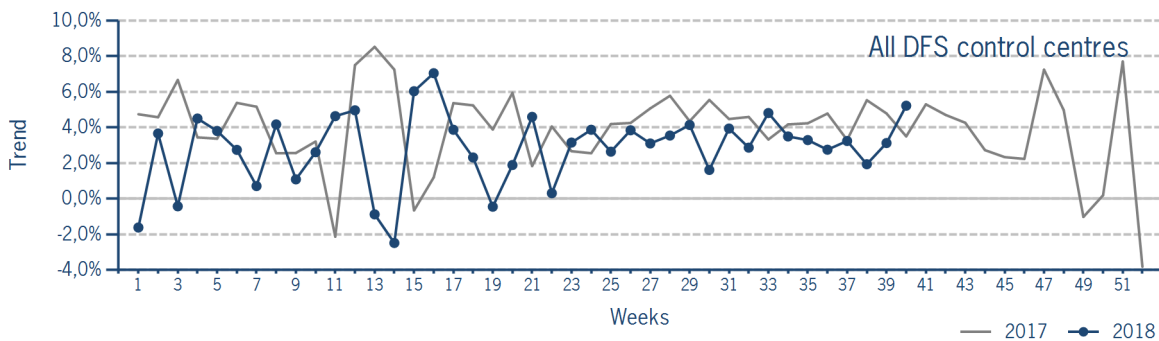IFR movements (entries, exits, overflights and domestics) in control sectors controlled by DFS.

	2018	2017	Trend
Week 40	66.635	63.326	5,2%
Cumulated Weeks	2.435.485	2.367.399	2,9%
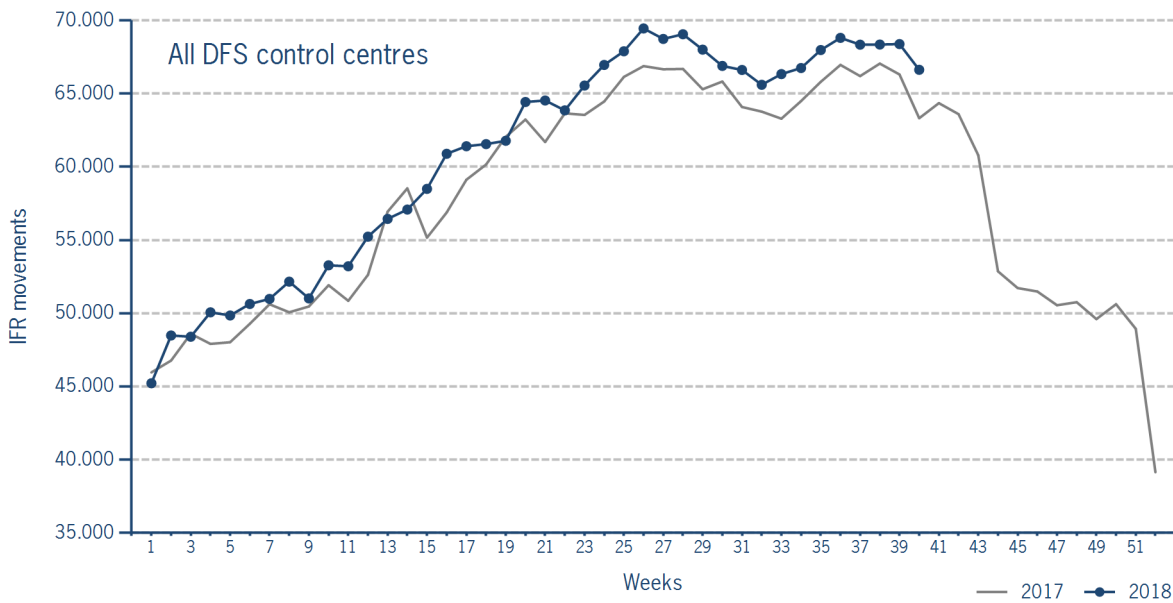
Please note: This count covers the traffic in the area build by control sectors of DFS control centres, including civil and military traffic. Traffic in Maastricht UAC (Maastricht-Hannover sectors) is not counted.

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 40	14.380	27.907	25.556	38.623
Trend	6,1%	5,4%	8,0%	-1,0%
Cumulated Weeks	522.616	1.032.597	919.426	1.447.257
Trend	-0,4%	4,0%	4,6%	-0,4%

Please note: The trend numbers compare counts of the airspaces in their current configuration to the count of the same airspace in 2017.
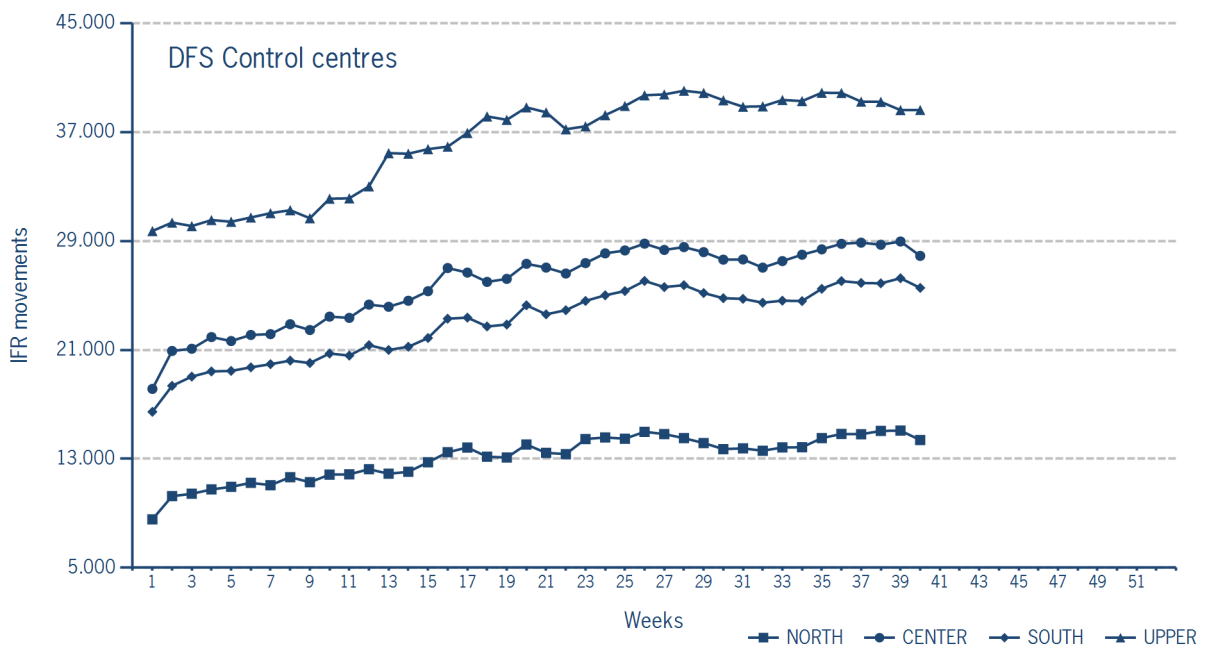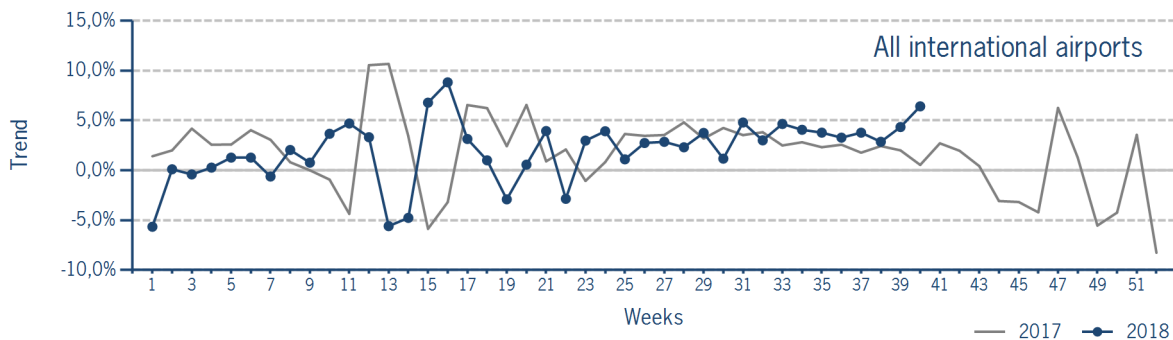
IFR flights at international German airports

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

	2018	2017	Trend
Week 40	45.498	42.757	6,4%
Cumulated Weeks	1.641.063	1.607.457	2,1%
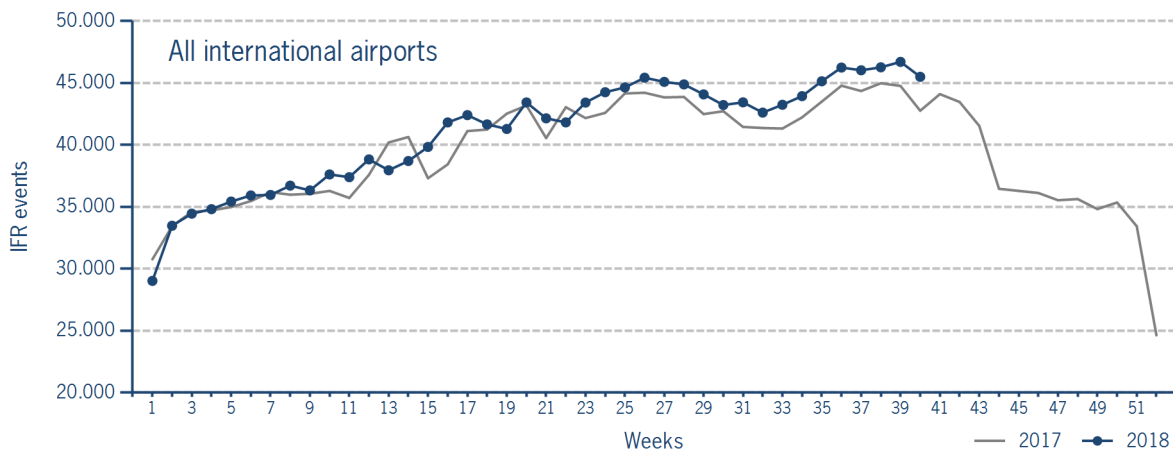
IFR flights at international German airports - trend

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
Week 40	24.004	19.552	1.942
Trend	5,2%	7,7%	8,4%
Cumulated Weeks	879.666	693.495	67.902
Trend	2,4%	1,8%	2,1%

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 40	Trend	Week 1 - 40	Trend
HUB					
EDDF	Frankfurt/Main	10.590	6,9%	396.378	7,7%
EDDL	Düsseldorf	4.675	1,2%	166.855	-6,1%
EDDM	München	8.739	5,4%	316.433	0,8%
IAA1					
EDDB	Berlin-Schönefeld	2.022	0,2%	78.186	0,7%
EDDH	Hamburg	3.167	2,4%	114.368	-5,3%
EDDK	Köln/Bonn	3.150	9,1%	110.694	1,9%
EDDN	Nürnberg	1.164	-1,5%	42.279	1,6%
EDDP	Leipzig/Halle	1.552	7,4%	57.128	14,6%
EDDS	Stuttgart	2.759	9,9%	99.725	8,1%
EDDT	Berlin-Tegel	4.146	16,7%	139.915	-1,4%
EDDV	Hannover	1.592	9,3%	51.200	4,8%
IAA2					
EDDC	Dresden	482	12,1%	17.075	0,7%
EDDE	Erfurt/Weimar	143	8,3%	4.306	-1,8%
EDDG	Münster/Osnabrück	440	17,0%	14.885	4,3%
EDDR	Saarbrücken	205	4,6%	7.263	0,8%
EDDW	Bremen	672	2,1%	24.373	2,9%
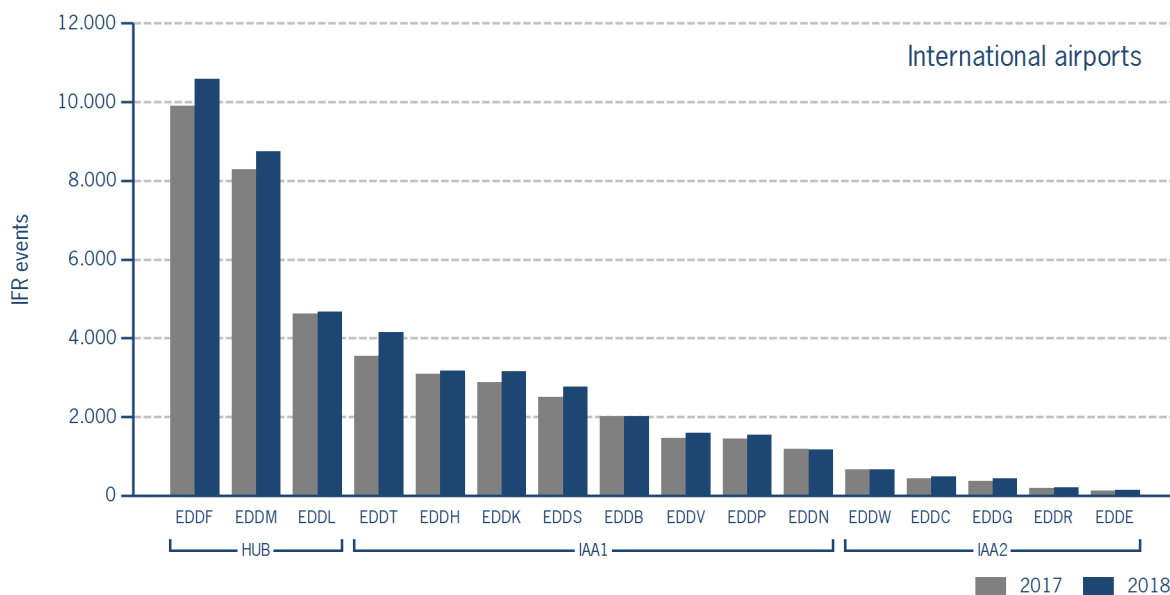
IFR/VFR flights in control zones of DFS towers

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

	Week 40	Trend	Week 1 - 40	Trend
Berlin-Schönefeld	2.342	2,5%	91.485	2,8%
Berlin-Tegel	4.360	17,6%	147.765	-0,8%
Bremen	915	12,1%	35.889	3,3%
Dresden	758	29,6%	29.782	4,6%
Düsseldorf	4.814	2,2%	172.933	-6,0%
Erfurt/Weimar	277	28,8%	10.402	-3,4%
Frankfurt Main	10.669	6,8%	400.541	7,7%
Hamburg	3.765	5,8%	138.717	-3,2%
Hannover	2.071	16,9%	69.663	7,5%
Köln/Bonn	3.492	10,5%	124.326	1,5%
Leipzig/Halle	1.826	10,5%	68.945	11,8%
München	8.849	5,5%	321.255	1,0%
Münster/Osnabrück	892	41,8%	31.080	6,4%
Nürnberg	1.514	10,5%	54.348	2,9%
Saarbrücken	302	11,4%	11.961	-1,4%
Stuttgart	3.146	14,9%	114.085	7,1%

Additional information:
Münster reported 142 glider movements for the current week, i.e. 2.386 glider movements for the cumulated year.
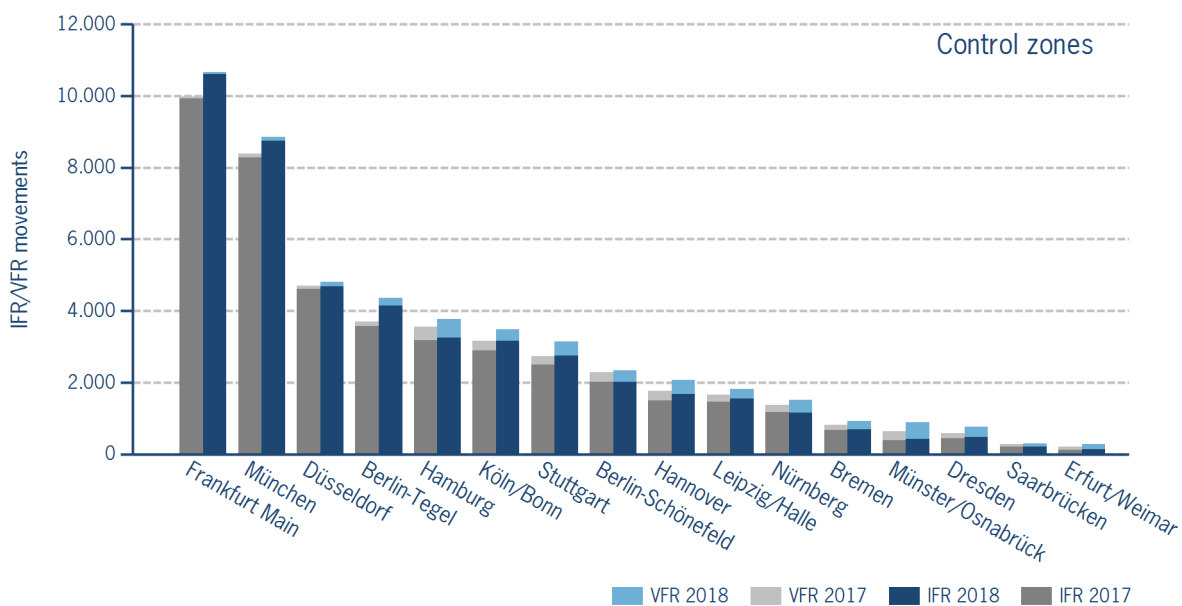
IFR flights at regional German airports - in detail

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 40	3.405	3.258	4,5%
Cumulated Weeks	131.378	126.380	4,0%

		Week 40	Trend	Week 1 - 40	Trend
EDAH	Heringsdorf	21	90,9%	733	-1,5%
EDBC	Magdeburg/Cochstedt	0	N/A	1	-75,0%
EDFH	Frankfurt-Hahn	384	-14,5%	15.595	-3,7%
EDFM	Mannheim City	132	6,5%	5.268	6,2%
EDHL	Lübeck-Blankensee	45	150,0%	2.042	27,0%
EDJA	Memmingen	268	4,3%	10.642	19,5%
EDLN	Mönchengladbach	167	23,7%	5.175	13,9%
EDLP	Paderborn/Lippstadt	333	19,4%	10.889	8,7%
EDLV	Niederrhein	292	-9,9%	9.870	-4,7%
EDLW	Dortmund	452	16,5%	17.280	11,0%
EDMA	Augsburg	145	-13,7%	5.397	-2,2%
EDNY	Friedrichshafen	184	2,8%	8.026	1,0%
EDOP	Schwerin-Parchim	12	-45,5%	441	-48,8%
EDQM	Hof-Plauen	28	-3,4%	1.109	-8,0%
EDSB	Karlsruhe/Baden-Baden	292	0,0%	9.834	-4,8%
EDTL	Lahr	27	-3,6%	1.131	-7,4%
EDVE	Braunschweig-Wolfsburg	164	19,7%	7.431	-1,5%
EDVK	Kassel-Calden	107	55,1%	3.673	7,9%
EDXW	Sylt	114	-10,9%	5.142	5,1%
ETNL	Laage	167	8,4%	7.537	20,7%
ETSI	Ingolstadt/Manching	71	6,0%	4.162	-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.
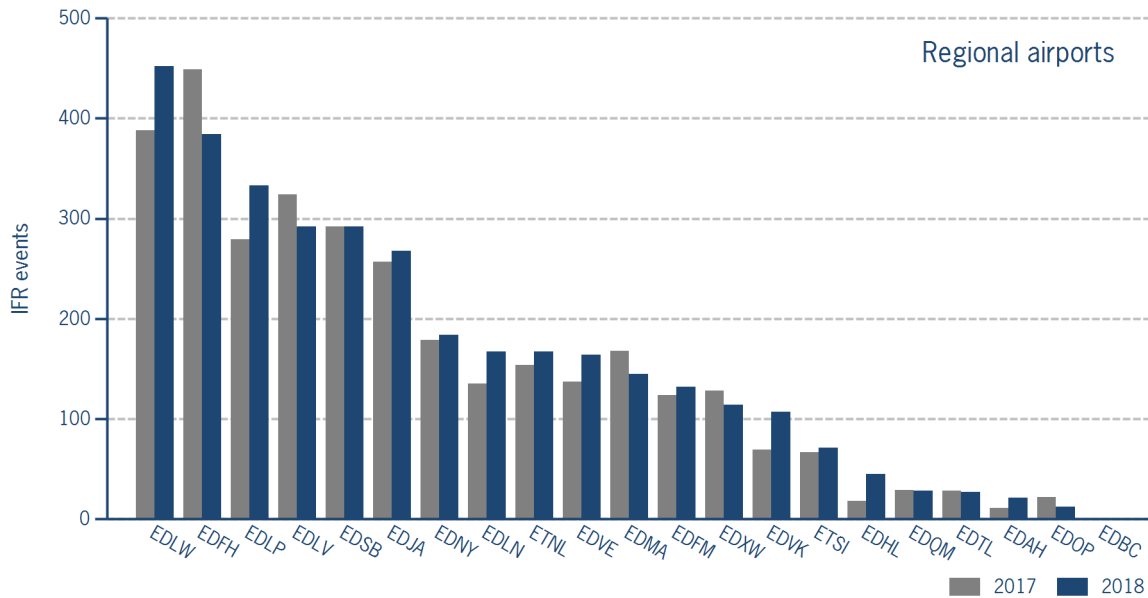
IFR flights at regional German airports - air traffic service providers

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.
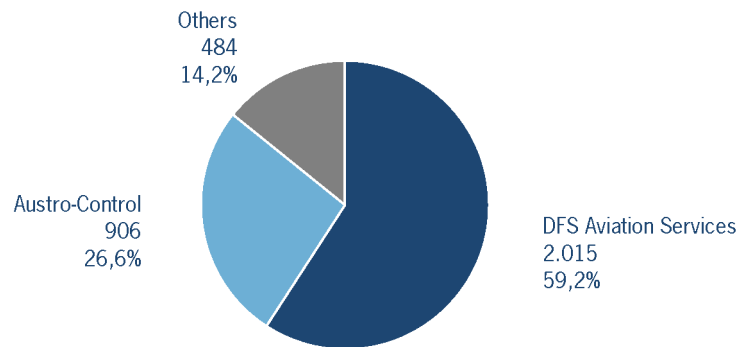
DFS Aviation Services:	Dortmund (EDLW), Friedrichshafen (EDNY), Karlsruhe/Baden-Baden (EDSB), Lahr (EDTL), Magdeburg/Cochstedt (EDBC), Memmingen (EDJA), Mönchengladbach (EDLN), Niederrhein (EDLV), Paderborn/Lippstadt (EDLP)
Austro Control:	Augsburg (EDMA), Braunschweig-Wolfsburg (EDVE), Frankfurt-Hahn (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	0,0257	0,2780	
EDDK	Köln/Bonn	0	1,6673	
EDDW	Bremen	1,2094	0	
EDDL	Düsseldorf	0	0,7205	
EDDS	Stuttgart	0	0,3807	
EDDV	Hannover	0,1066	0,1066	
EDDM	München	0	0,1985	
EDDP	Leipzig/Halle	0	0,1641	
EDDT	Berlin-Tegel	0	0,1026	
EDDF	Frankfurt/Main	0,0168	0,0398	

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)