![DFS Deutsche Flugsicherung logo]

DFS Deutsche Flugsicherung
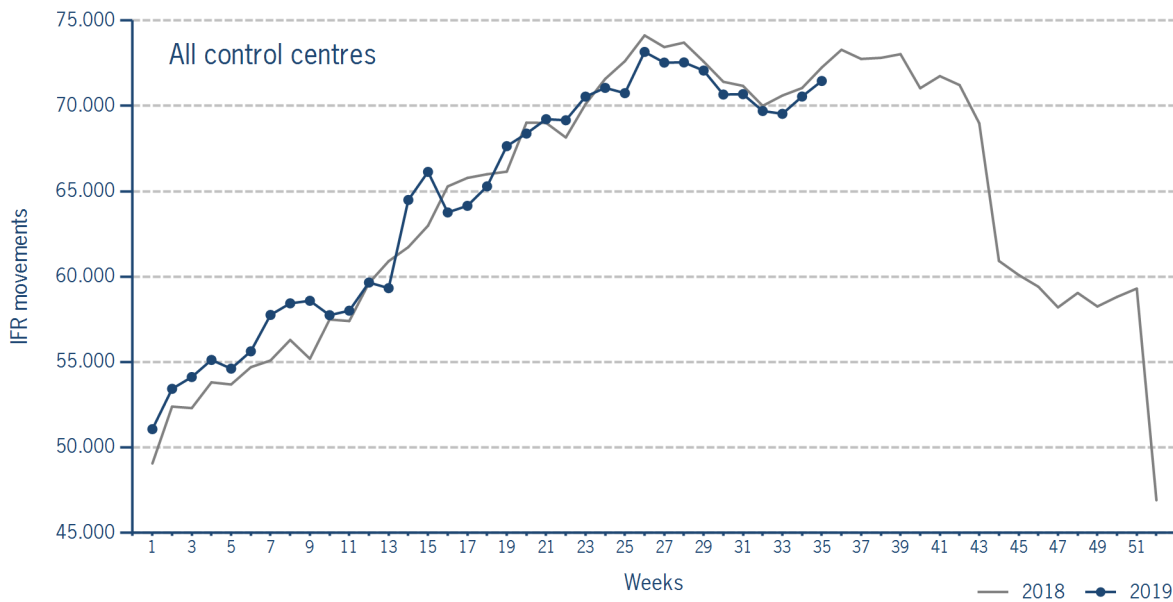
LIZ Bulletin

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.

|	2019	2018	Trend
Week 35	71.461	72.251	-1,1%
Cumulated Weeks	2.256.981	2.246.703	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

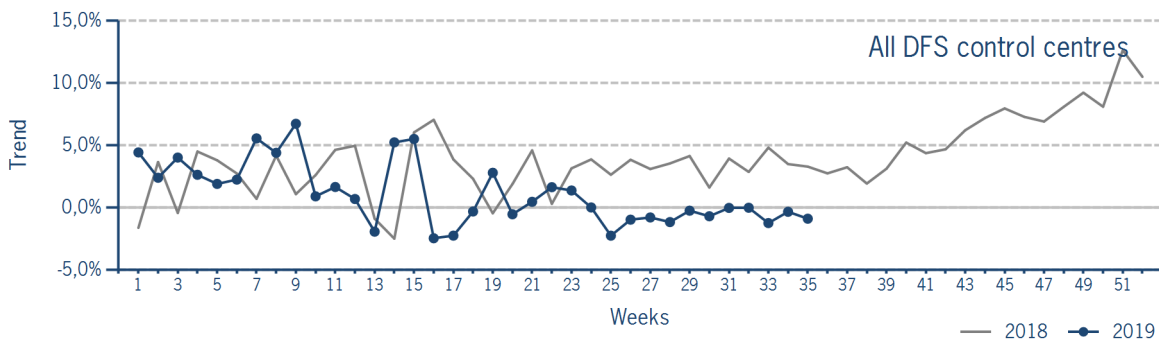IFR movements (entries, exits, overflights and domestics) in control sectors controlled by DFS.

	2019	2018	Trend
Week 35	67.391	67.985	-0,9%
Cumulated Weeks	2.113.838	2.094.924	0,9%
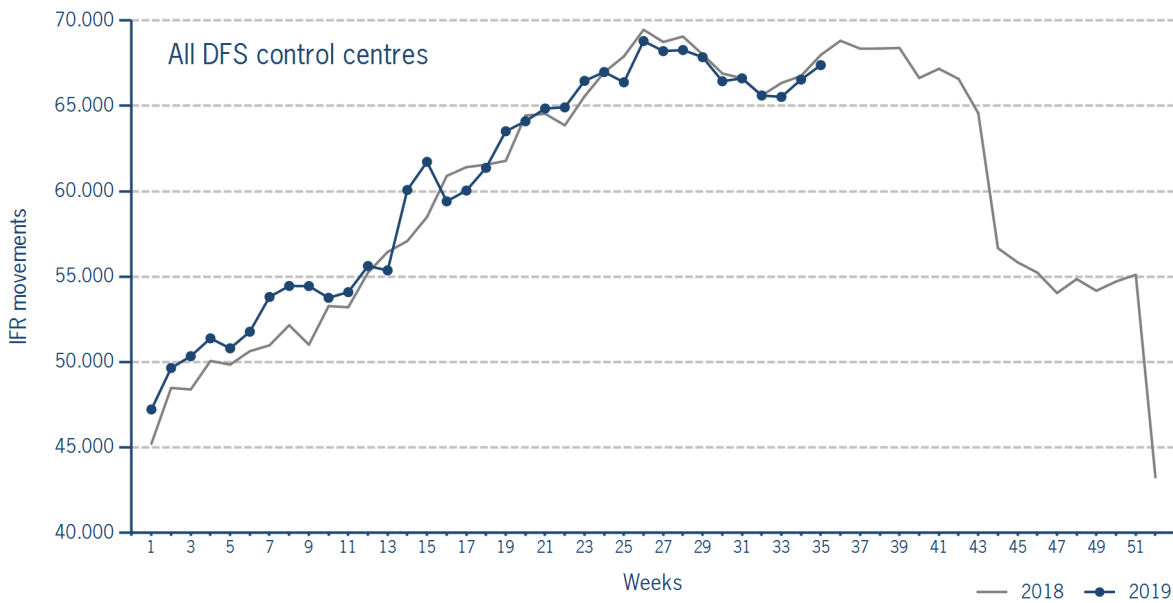
Please note: This count covers the traffic in the area build by control sectors of DFS control centres, including civil and military traffic. Traffic in Maastricht UAC (Maastricht-Hannover sectors) is not counted.

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 35	13.682	28.150	25.148	38.914
Trend	-5,8%	-0,8%	-1,3%	-2,4%
Cumulated Weeks	450.949	899.394	799.337	1.233.021
Trend	0,6%	1,1%	1,2%	-1,5%

Please note: The trend numbers compare counts of the airspaces in their current configuration to the count of the same airspace in 2018.
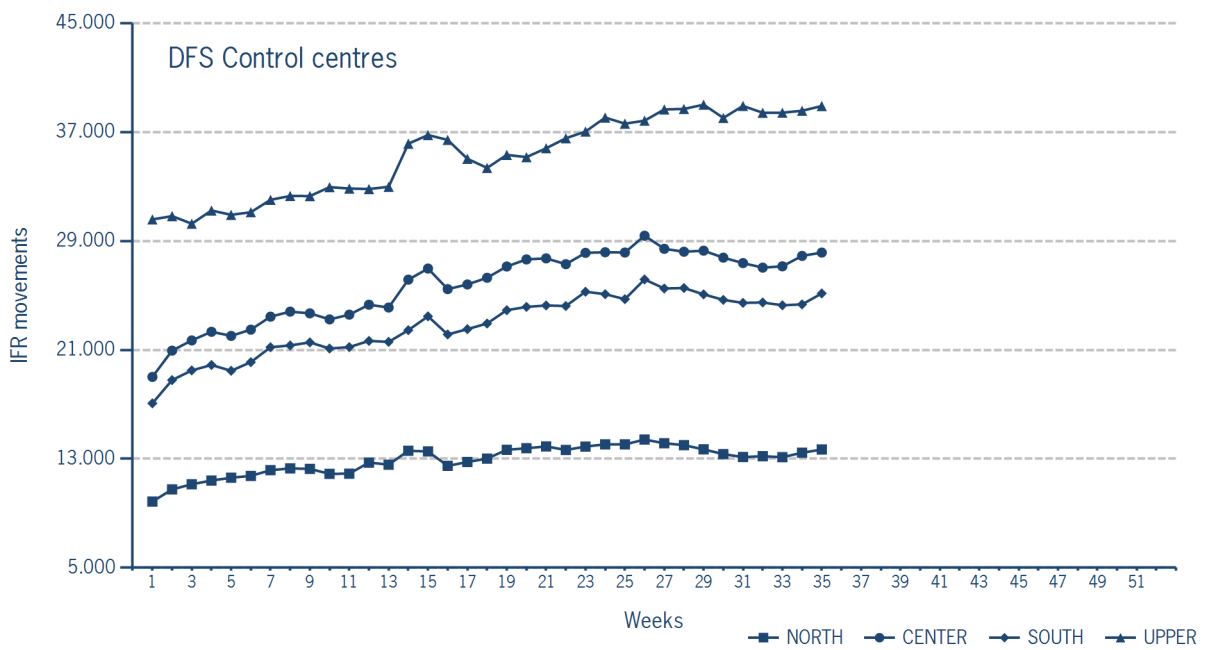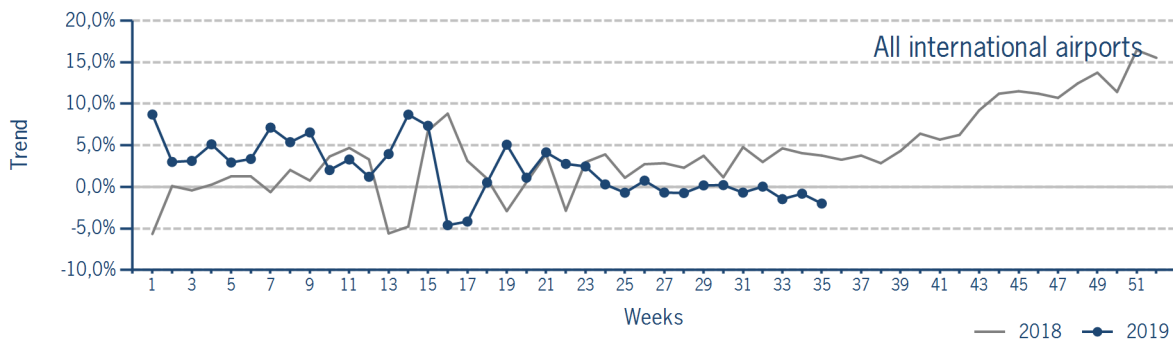
IFR flights at international German airports

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

	2019	2018	Trend
Week 35	44.240	45.138	-2,0%
Cumulated Weeks	1.436.869	1.410.329	1,9%

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 35	23.868	18.617	1.755
Trend	-0,6%	-3,2%	-7,7%
Cumulated Weeks	779.373	603.638	53.858
Trend	2,7%	1,7%	-6,9%

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 35	Trend	Week 1 - 35	Trend
HUB					
EDDF	Frankfurt/Main	10.631	0,2%	348.034	1,5%
EDDL	Düsseldorf	4.777	0,4%	152.548	6,6%
EDDM	München	8.460	-2,1%	278.791	2,2%
IAA1					
EDDB	Berlin-Schönefeld	1.761	-13,5%	61.687	-8,9%
EDDH	Hamburg	3.043	-2,3%	100.643	2,3%
EDDK	Köln/Bonn	3.156	1,2%	94.768	0,0%
EDDN	Nürnberg	1.084	-13,0%	32.834	-9,3%
EDDP	Leipzig/Halle	1.494	0,3%	50.183	1,8%
EDDS	Stuttgart	2.827	0,7%	89.249	4,8%
EDDT	Berlin-Tegel	3.808	-5,4%	130.978	10,1%
EDDV	Hannover	1.444	3,6%	43.296	-0,1%
IAA2					
EDDC	Dresden	437	-9,7%	13.729	-5,8%
EDDE	Erfurt/Weimar	100	-13,8%	3.064	-15,4%
EDDG	Münster/Osnabrück	407	-0,5%	12.267	-2,2%
EDDR	Saarbrücken	209	-7,9%	5.274	-15,6%
EDDW	Bremen	602	-9,6%	19.524	-6,5%
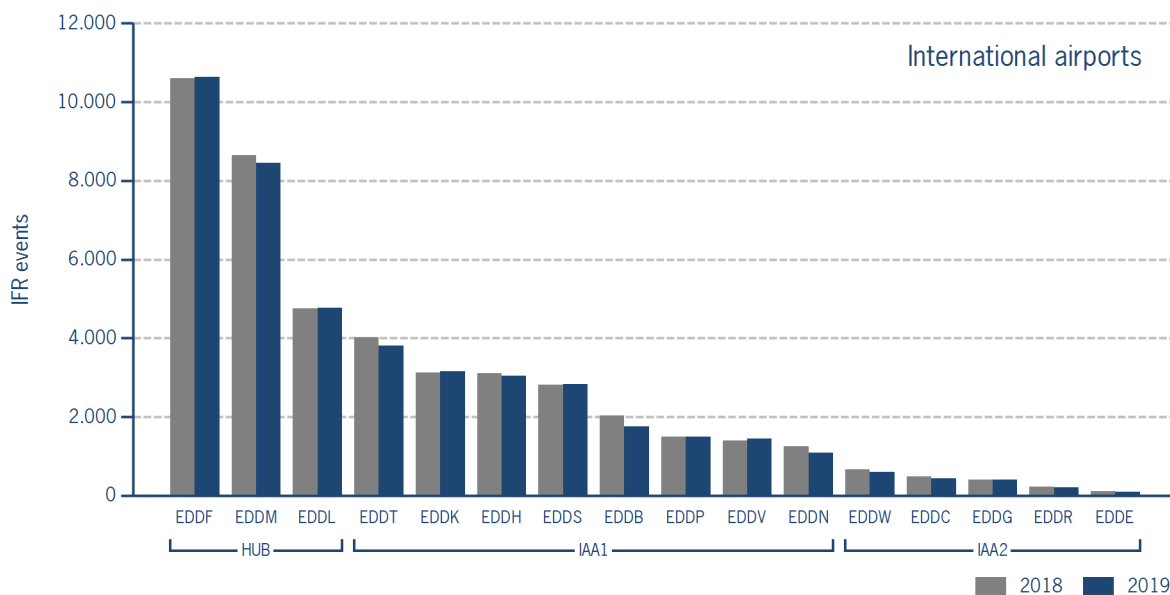
IFR/VFR flights in control zones of DFS towers

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

	Week 35	Trend	Week 1 - 35	Trend
Berlin-Schönefeld	2.172	-10,4%	72.852	-8,1%
Berlin-Tegel	3.991	-6,1%	136.837	8,8%
Bremen	924	-8,2%	28.675	-7,3%
Dresden	787	2,2%	23.672	-6,8%
Düsseldorf	4.960	0,4%	157.245	6,0%
Erfurt/Weimar	294	-0,3%	8.663	-3,1%
Frankfurt Main	10.770	0,4%	351.746	1,5%
Hamburg	3.823	0,6%	119.749	0,2%
Hannover	1.888	-4,1%	58.075	-2,3%
Köln/Bonn	3.664	3,6%	105.096	-1,3%
Leipzig/Halle	1.751	-1,8%	59.608	0,0%
München	8.601	-1,6%	283.009	2,2%
Münster/Osnabrück	988	20,2%	25.499	-3,7%
Nürnberg	1.465	-5,2%	43.135	-7,1%
Saarbrücken	322	-10,3%	8.501	-18,0%
Stuttgart	3.281	5,7%	100.637	3,3%

Additional information:
Münster reported 92 glider movements for the current week, i.e. 2.714 glider movements for the cumulated year.
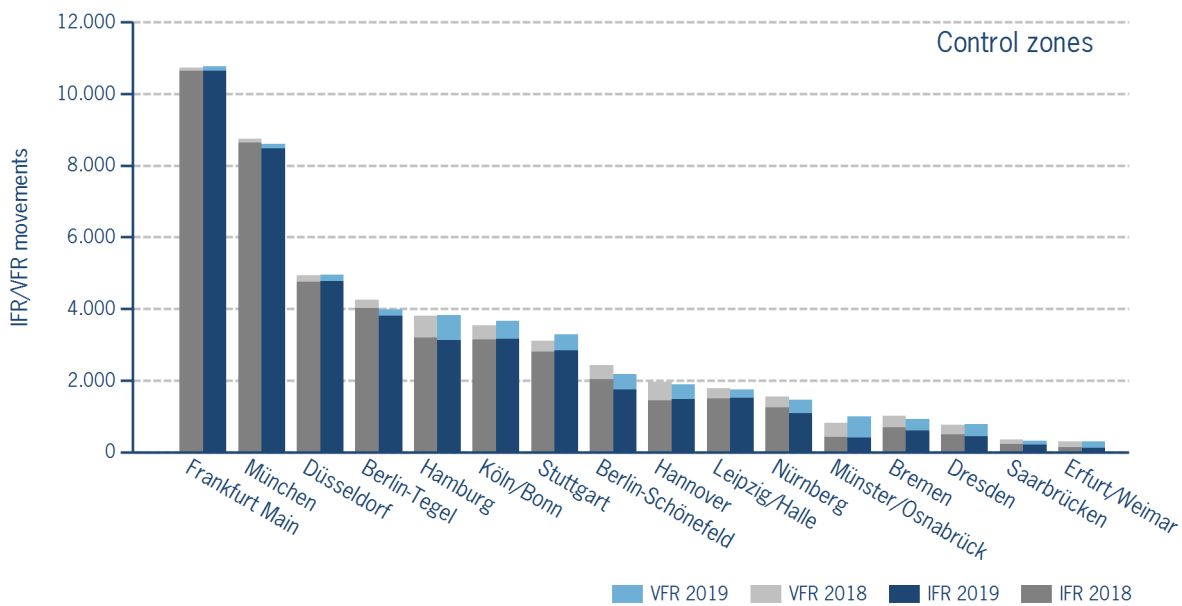
IFR flights at regional German airports - in detail

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 35	3.343	3.541	-5,6%
Cumulated Weeks	109.520	113.296	-3,3%

		Week 35	Trend	Week 1 - 35	Trend
EDAH	Heringsdorf	27	35,0%	637	2,2%
EDBC	Magdeburg/Cochstedt	2	N/A	3	OLC*
EDFH	Frankfurt-Hahn	294	-26,3%	11.110	-18,8%
EDFM	Mannheim City	119	-18,5%	4.540	1,8%
EDHL	Lübeck-Blankensee	44	-34,3%	1.832	3,8%
EDJA	Memmingen	359	23,4%	10.653	16,5%
EDLN	Mönchengladbach	133	15,7%	4.289	-2,8%
EDLP	Paderborn/Lippstadt	309	1,6%	8.984	-2,1%
EDLV	Niederrhein	214	-18,3%	6.496	-24,4%
EDLW	Dortmund	493	5,6%	15.915	6,9%
EDMA	Augsburg	143	16,3%	4.711	0,0%
EDNY	Friedrichshafen	207	1,5%	7.246	4,0%
EDOP	Schwerin-Parchim	0	-100,0%	24	-93,8%
EDQM	Hof-Plauen	32	45,5%	1.062	11,7%
EDSB	Karlsruhe/Baden-Baden	286	6,3%	8.391	0,8%
EDTL	Lahr	22	0,0%	1.020	1,6%
EDVE	Braunschweig-Wolfsburg	176	-0,6%	6.077	-3,7%
EDVK	Kassel-Calden	100	-6,5%	3.179	-0,1%
EDXW	Sylt	173	-9,4%	4.278	-5,5%
ETNL	Laage	121	-52,0%	5.578	-15,3%
ETSI	Ingolstadt/Manching	89	-9,2%	3.495	-2,7%

*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.
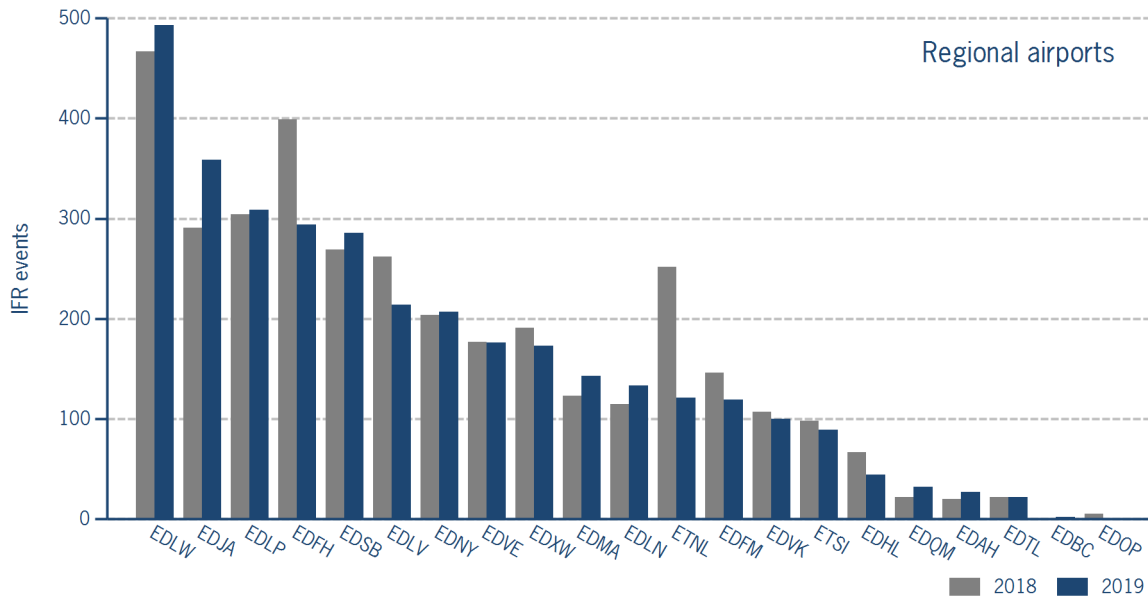
IFR flights at regional German airports - air traffic service providers

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.
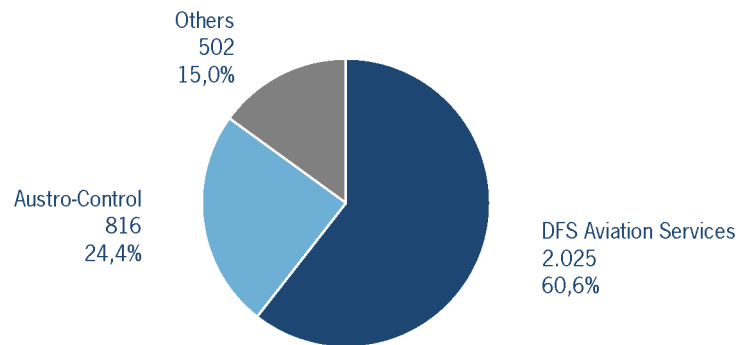
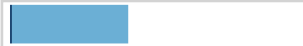|	
DFS Aviation Services:	Dortmund (EDLW), Friedrichshafen (EDNY), Karlsruhe/Baden-Baden (EDSB), Lahr (EDTL), Magdeburg/Cochstedt (EDBC), Memmingen (EDJA), Mönchengladbach (EDLN), Niederrhein (EDLV), Paderborn/Lippstadt (EDLP)
Austro Control:	Augsburg (EDMA), Braunschweig-Wolfsburg (EDVE), Frankfurt-Hahn (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	0,0057	0,4243	
EDDF	Frankfurt/Main	0	1,0851	
EDDM	München	0	0,4495	
EDDW	Bremen	0,4186	0	
EDDK	Köln/Bonn	0	0,4085	
EDDL	Düsseldorf	0	0,3367	
EDDS	Stuttgart	0	0,1485	
EDDH	Hamburg	0	0,0460	

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)