



# LIZ Annual Summary

2019

DFS Situation and Information Centre

Version 09.01.2020

## IFR flights in the Federal Republic of Germany

IFR movements (entries, exits, overflights and domestics) in all control sectors with a German designator.

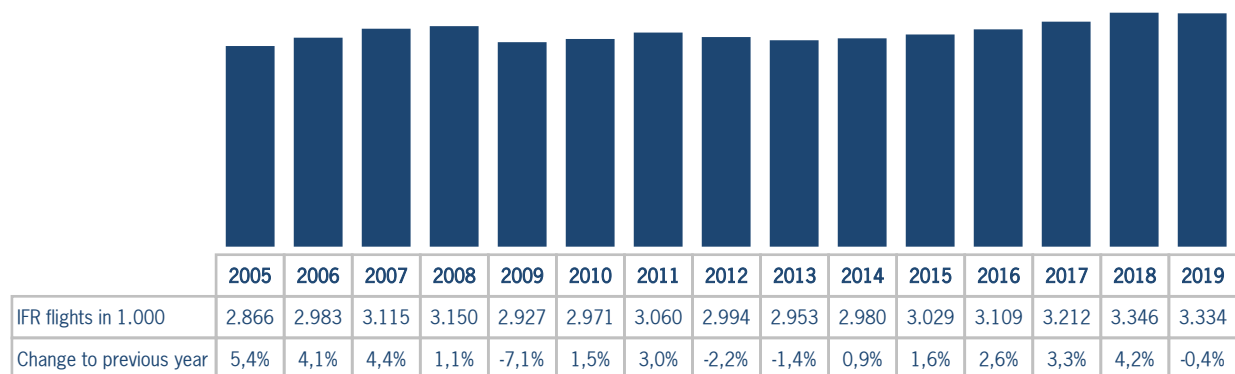
**Peak Day 04.07.2019 - 11.012 IFR flights**

	2019	2018	Trend
<b>Civil flights</b>	3.292.207	3.303.940	-0,4%
<b>Military flights</b>	42.217	42.508	-0,7%
<b>Total</b>	3.334.424	3.346.448	-0,4%

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 in the Federal Republic of Germany - Development

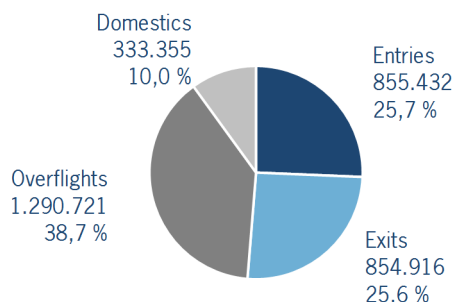
IFR movements (entries, exits, overflights and domestics) in all control sectors with a German designator for the last 15 years.



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 in the Federal Republic of Germany - percentage

IFR movements (entries, exits, overflights and domestics) in 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.

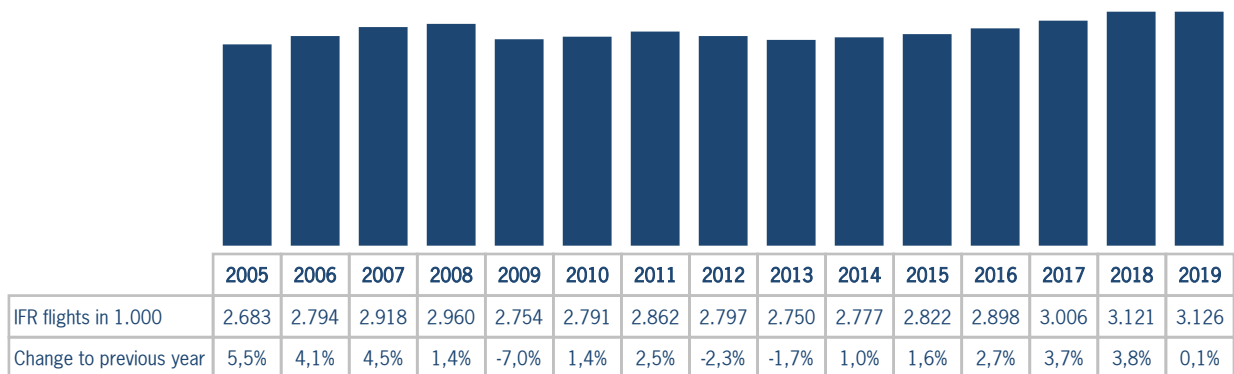
#### Peak Day 04.07.2019 - 10.336 IFR flights

	2019	2018	Trend
<b>Civil flights</b>	3.083.661	3.079.093	0,1%
<b>Military flights</b>	42.073	42.400	-0,8%
<b>Total</b>	3.125.734	3.121.493	0,1%

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 - Development

IFR movements (entries, exits, overflights and domestics) in control sectors controlled by DFS for the last 15 years.



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.

Please note: The statistics until 2015 are preliminary.

### IFR flights controlled by DFS - in detail

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

	2019	2018	Trend
<b>NORTH</b>	667.288	679.028	-1,7%
<b>CENTER</b>	1.332.292	1.330.416	0,1%
<b>SOUTH</b>	1.185.871	1.182.294	0,3%
<b>UPPER</b>	1.819.322	1.851.555	-1,7%

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 and regional German airports

IFR events (take-offs and landings) at the international DFS towers and the regional towers with control zone and barely any PPR in the Federal Republic of Germany.

	2019	2018	Trend
<b>International Airports</b>	2.132.289	2.129.744	0,1%
<b>Regional Airports</b>	162.558	167.681	-3,1%
<b>Total</b>	2.294.847	2.297.425	-0,1%

Please note: The airport Magdeburg-Cochstedt (EDBC) was temporary closed.

### VFR flights at international German airports

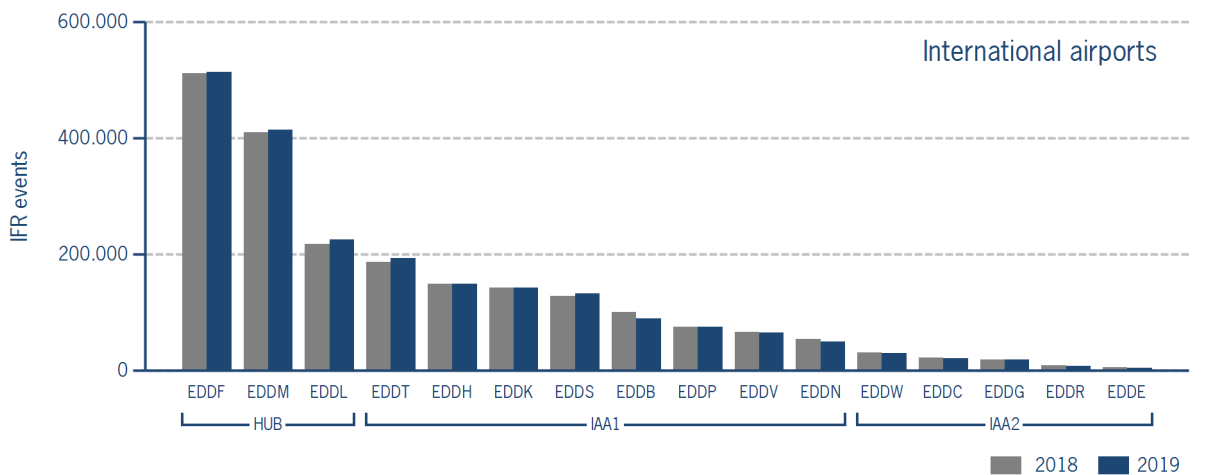
VFR events (take-offs, landings and low approach/touch'n go) at the international DFS towers in the Federal Republic of Germany.

	2019	2018	Trend
<b>International Airports</b>	96.780	99.082	-2,3%

IFR flights at international German airports - in detail

IFR events (take-offs and landings) and the peak day 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).

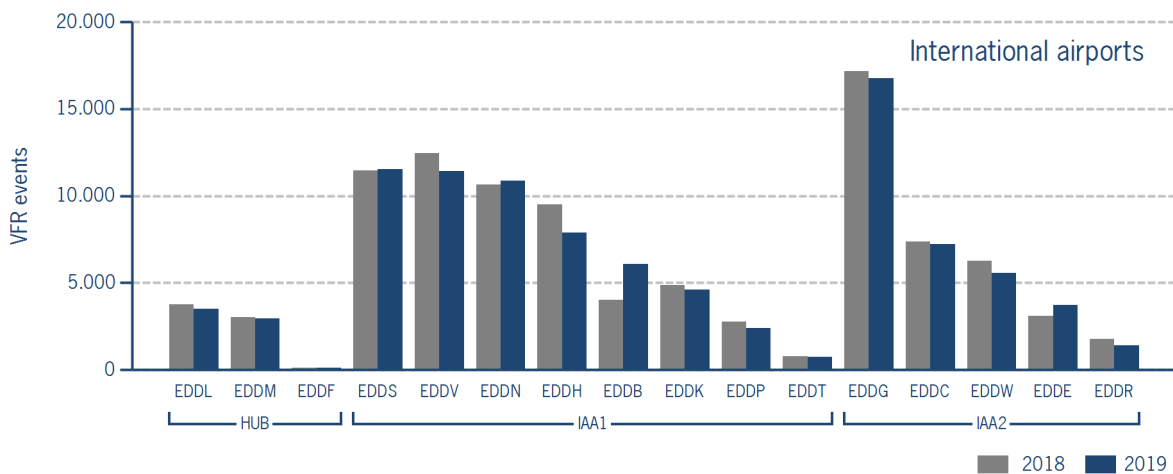
		2019	2018	Trend	Peak Day	Peak Count
<b>HUB</b>						
EDDF	Frankfurt/Main	513.722	511.844	0,4%	11.09.	1.624
EDDL	Düsseldorf	225.440	218.204	3,3%	17.10.	754
EDDM	München	414.068	410.242	0,9%	05.09.	1.333
<b>IAA1</b>						
EDDB	Berlin-Schönefeld	90.124	100.778	-10,6%	13.06.	328
EDDH	Hamburg	149.239	148.853	0,3%	26.09.	515
EDDK	Köln/Bonn	142.117	142.870	-0,5%	25.10.	541
EDDN	Nürnberg	49.417	54.149	-8,7%	06.09.	191
EDDP	Leipzig/Halle	75.432	74.736	0,9%	04.07.	298
EDDS	Stuttgart	132.669	128.194	3,5%	25.06.	476
EDDT	Berlin-Tegel	192.958	186.535	3,4%	20.09.	642
EDDV	Hannover	64.781	65.928	-1,7%	18.09.	265
<b>IAA2</b>						
EDDC	Dresden	20.707	22.233	-6,9%	11.10.	86
EDDE	Erfurt/Weimar	4.704	5.502	-14,5%	13.06.	36
EDDG	Münster/Osnabrück	18.939	19.359	-2,2%	07.10.	85
EDDR	Saarbrücken	7.988	9.119	-12,4%	12.06.	42
EDDW	Bremen	29.984	31.198	-3,9%	22.10.	137



VFR flights at international German airports - in detail

VFR events (take-offs, landings and low approach/touch'n go) at the different 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).

		2019	2018	Trend
<b>HUB</b>				
EDDF	Frankfurt/Main	107	98	9,2%
EDDL	Düsseldorf	3.517	3.753	-6,3%
EDDM	München	2.966	3.020	-1,8%
<b>IAA1</b>				
EDDB	Berlin-Schönefeld	6.093	4.009	52,0%
EDDH	Hamburg	7.883	9.504	-17,1%
EDDK	Köln/Bonn	4.609	4.881	-5,6%
EDDN	Nürnberg	10.860	10.651	2,0%
EDDP	Leipzig/Halle	2.394	2.749	-12,9%
EDDS	Stuttgart	11.514	11.470	0,4%
EDDT	Berlin-Tegel	739	777	-4,9%
EDDV	Hannover	11.429	12.463	-8,3%
<b>IAA2</b>				
EDDC	Dresden	7.206	7.385	-2,4%
EDDE	Erfurt/Weimar	3.733	3.105	20,2%
EDDG	Münster/Osnabrück	16.742	17.156	-2,4%
EDDR	Saarbrücken	1.420	1.780	-20,2%
EDDW	Bremen	5.568	6.281	-11,4%

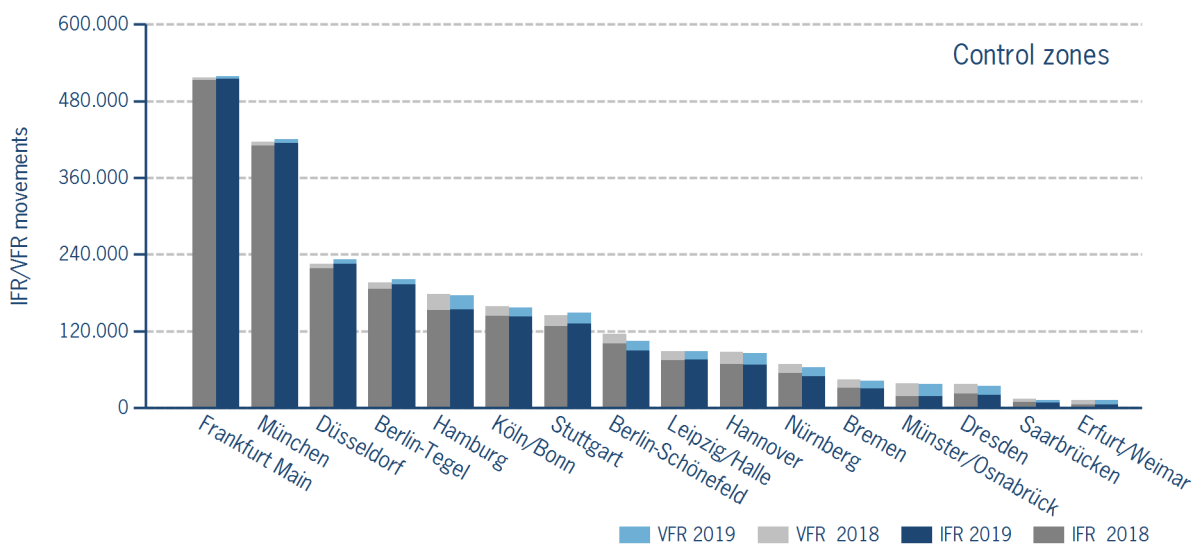


**IFR/VFR flights in control zones of DFS towers**

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

	2019	2018	Trend
Berlin-Schönefeld	105.333	116.354	-9,5%
Berlin-Tegel	201.331	195.974	2,7%
Bremen	42.501	44.818	-5,2%
Dresden	34.742	37.054	-6,2%
Düsseldorf	232.264	225.798	2,9%
Erfurt/Weimar	12.338	12.700	-2,9%
Frankfurt Main	518.956	517.012	0,4%
Hamburg	175.995	177.762	-1,0%
Hannover	85.376	88.118	-3,1%
Köln/Bonn	156.820	159.101	-1,4%
Leipzig/Halle	88.398	88.805	-0,5%
München	420.000	416.122	0,9%
Münster/Osnabrück	37.253	38.543	-3,3%
Nürnberg	63.670	68.547	-7,1%
Saarbrücken	12.479	14.649	-14,8%
Stuttgart	148.992	145.434	2,4%

Additional information:  
Münster reported 3.478 glider movements for the current year.



## IFR flights at regional German airports - in detail

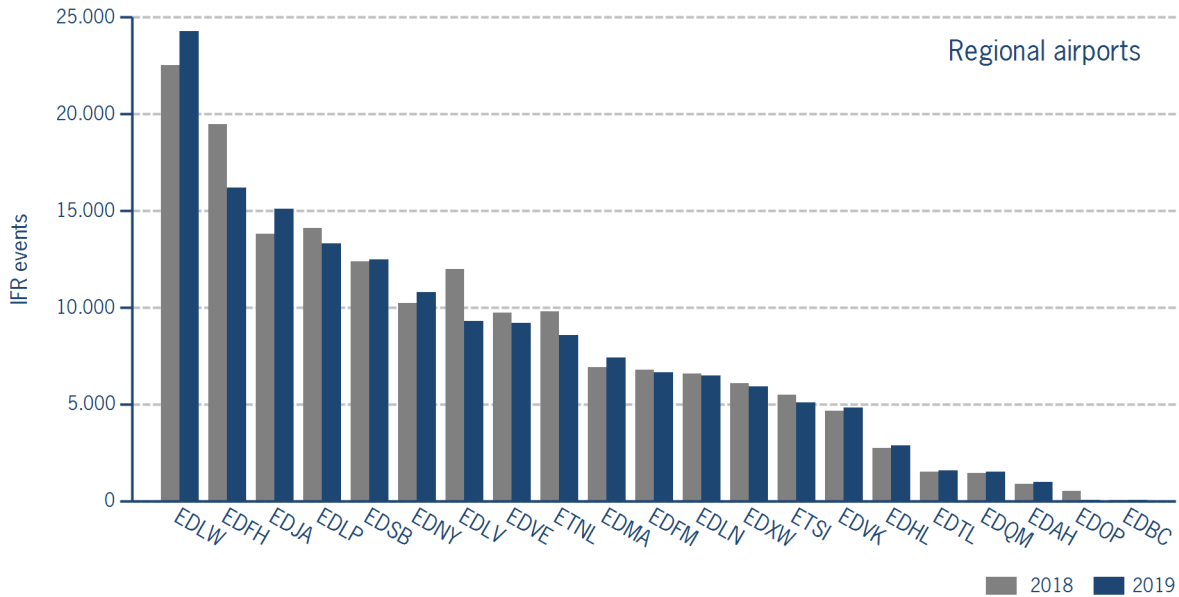
IFR events (take-offs and landings) at the different regional towers in the Federal Republic of Germany with control zone and barely any PPR.

		2019	2018	Trend
EDAH	Heringsdorf	990	892	11,0%
EDBC	Magdeburg/Cochstedt	3	1	200,0%
EDFH	Frankfurt-Hahn	16.196	19.459	-16,8%
EDFM	Mannheim City	6.648	6.767	-1,8%
EDHL	Lübeck-Blankensee	2.859	2.742	4,3%
EDJA	Memmingen	15.103	13.802	9,4%
EDLN	Mönchengladbach	6.479	6.594	-1,7%
EDLP	Paderborn/Lippstadt	13.295	14.114	-5,8%
EDLV	Niederrhein	9.315	11.995	-22,3%
EDLW	Dortmund	24.270	22.523	7,8%
EDMA	Augsburg	7.402	6.920	7,0%
EDNY	Friedrichshafen	10.795	10.237	5,5%
EDOP	Schwerin-Parchim	24	527	-95,4%
EDQM	Hof-Plauen	1.506	1.435	4,9%
EDSB	Karlsruhe/Baden-Baden	12.469	12.383	0,7%
EDTL	Lahr	1.581	1.504	5,1%
EDVE	Braunschweig-Wolfsburg	9.198	9.747	-5,6%
EDVK	Kassel-Calden	4.839	4.674	3,5%
EDXW	Sylt	5.925	6.088	-2,7%
ETNL	Laage	8.587	9.795	-12,3%
ETSI	Ingolstadt/Manching	5.074	5.482	-7,4%

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

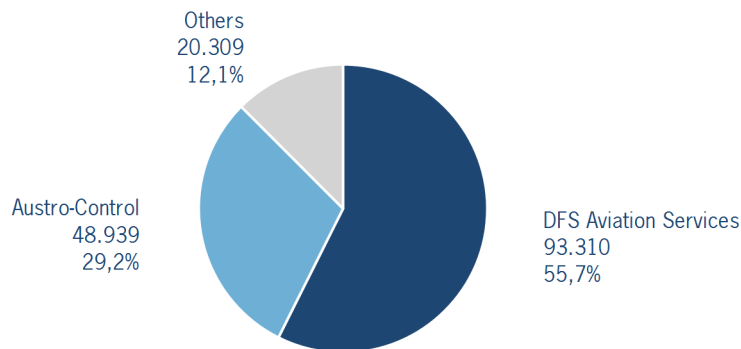
### IFR flights at regional German airports - in detail

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

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), Sylt (EDXW)
- Others: Ingolstadt/Manching (ETSI), Laage (ETNL), Mannheim City (EDFM)