



# LIZ Annual Summary

DFS Situation and Information Centre

# 2022

Version 12.01.2023

## IFR flights in the Federal Republic of Germany

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

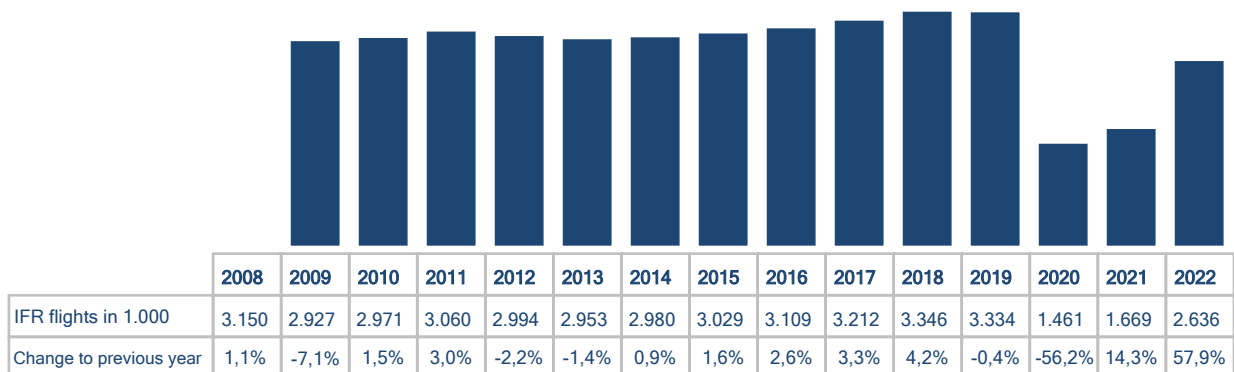
**Peak Day 10.06.2022 - 9.179 IFR flights**

	2022	2021	Trend
Civil flights	2.585.096	1.624.640	59,1%
Military flights	50.963	44.500	14,5%
<b>Total</b>	<b>2.636.059</b>	<b>1.669.140</b>	<b>57,9%</b>

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

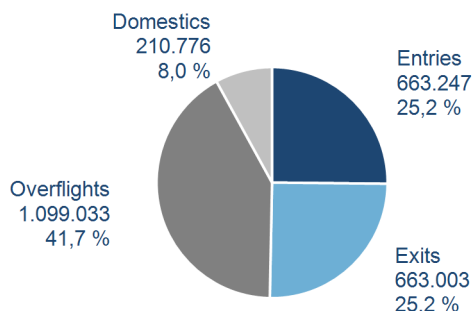
IFR movements (entries, exits, overflights and domestics) in all control sectors with a German designator for the last 15 years.



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.

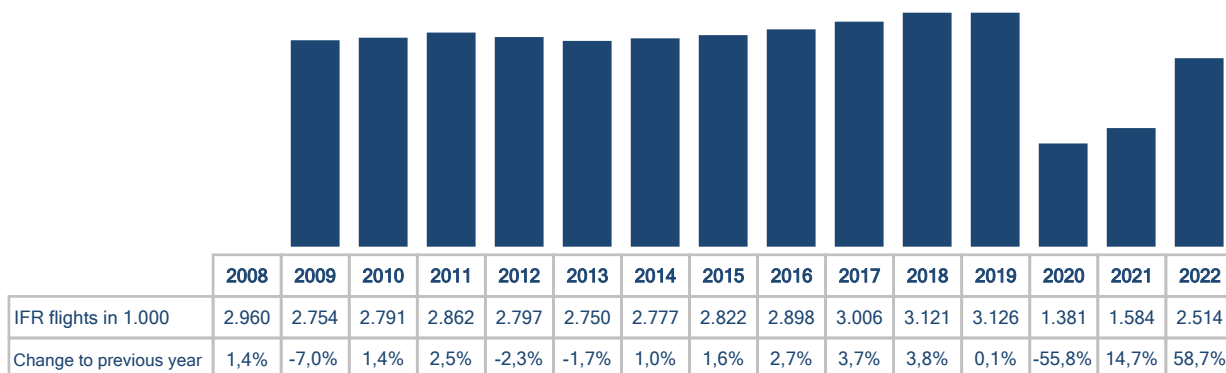
#### Peak Day 10.06.2022 - 8.792 IFR flights

	2022	2021	Trend
<b>Civil flights</b>	2.463.375	1.539.193	60,0%
<b>Military flights</b>	51.018	44.805	13,9%
<b>Total</b>	2.514.393	1.583.998	58,7%

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.

	2022	2021	Trend
<b>NORTH</b>	452.796	312.926	44,7%
<b>CENTER</b>	1.022.972	704.022	45,3%
<b>SOUTH</b>	859.152	550.768	56,0%
<b>UPPER</b>	1.641.351	1.025.396	60,1%

Please note: The trend numbers compare counts of the airspaces in their current configuration to the count of the same airspace in 2021.

### 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.

	2022	2021	Trend
<b>International Airports</b>	1.474.929	962.111	53,3%
<b>Regional Airports</b>	147.183	115.395	27,5%
<b>Total</b>	1.622.112	1.077.506	50,5%

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

### VFR flights at international German airports

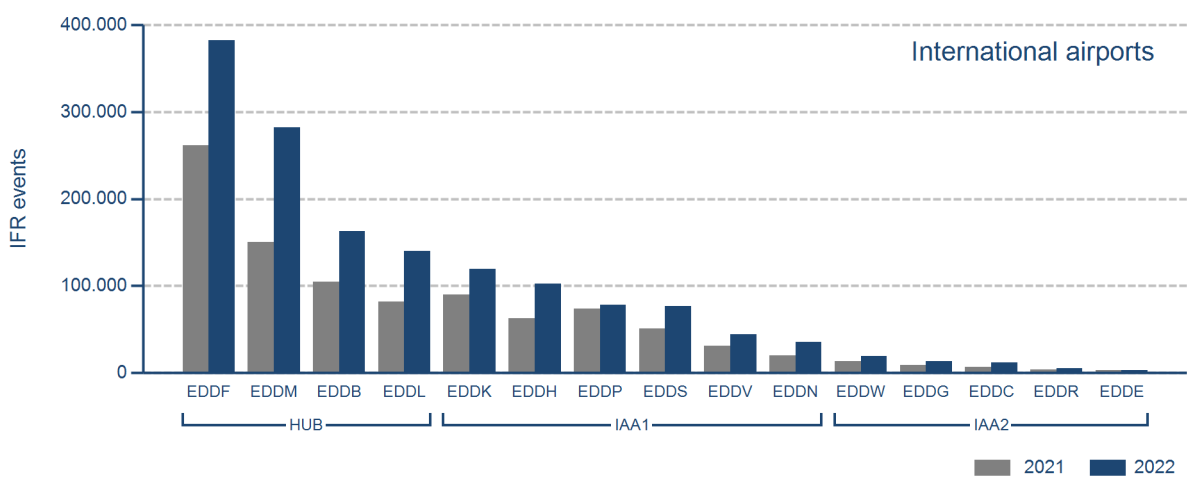
VFR events (take-offs, landings and low approach/touch'n go) at the international DFS towers in the Federal Republic of Germany.

	2022	2021	Trend
<b>International Airports</b>	103.252	102.032	1,2%

### 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).

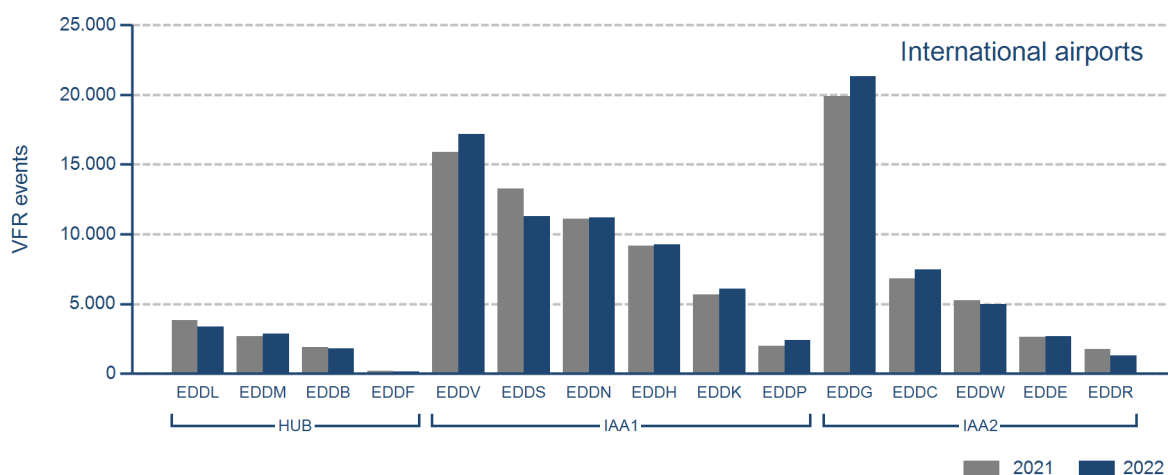
	2022	2021	Trend	Peak Day	Peak Count
<b>HUB</b>					
EDDB Berlin (BER)	163.012	104.390	56,2%	08.04.	594
EDDF Frankfurt (FRA)	381.976	261.777	45,9%	22.05.	1.290
EDDL Düsseldorf (DUS)	140.079	81.745	71,4%	14.10.	543
EDDM München (MUC)	281.954	150.364	87,5%	02.06.	986
<b>IAA1</b>					
EDDH Hamburg (HAM)	102.235	62.512	63,5%	30.05.	384
EDDK Köln (CGN)	119.117	89.808	32,6%	01.07.	475
EDDN Nürnberg (NUE)	35.714	19.943	79,1%	07.06.	168
EDDP Leipzig (LEJ)	77.929	73.784	5,6%	25.10.	292
EDDS Stuttgart (STR)	76.360	50.898	50,0%	03.06.	314
EDDV Hannover (HAJ)	43.929	30.834	42,5%	26.10.	200
<b>IAA2</b>					
EDDC Dresden (DRS)	11.909	7.043	69,1%	18.05.	58
EDDE Erfurt (ERF)	2.865	3.179	-9,9%	13.10.	23
EDDG Münster (FMO)	13.417	9.167	46,4%	30.05.	69
EDDR Saarbrücken (SCN)	5.010	3.590	39,6%	22.07.	32
EDDW Bremen (BRE)	19.423	13.077	48,5%	15.06.	88



### 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).

		2022	2021	Trend
<b>HUB</b>				
EDDB	Berlin (BER)	1.786	1.906	-6,3%
EDDF	Frankfurt (FRA)	123	171	-28,1%
EDDL	Düsseldorf (DUS)	3.373	3.846	-12,3%
EDDM	München (MUC)	2.873	2.662	7,9%
<b>IAA1</b>				
EDDH	Hamburg (HAM)	9.243	9.170	0,8%
EDDK	Köln (CGN)	6.073	5.686	6,8%
EDDN	Nürnberg (NUE)	11.189	11.094	0,9%
EDDP	Leipzig (LEJ)	2.396	2.000	19,8%
EDDS	Stuttgart (STR)	11.289	13.266	-14,9%
EDDV	Hannover (HAJ)	17.179	15.903	8,0%
<b>IAA2</b>				
EDDC	Dresden (DRS)	7.444	6.810	9,3%
EDDE	Erfurt (ERF)	2.687	2.613	2,8%
EDDG	Münster (FMO)	21.332	19.895	7,2%
EDDR	Saarbrücken (SCN)	1.310	1.745	-24,9%
EDDW	Bremen (BRE)	4.955	5.265	-5,9%

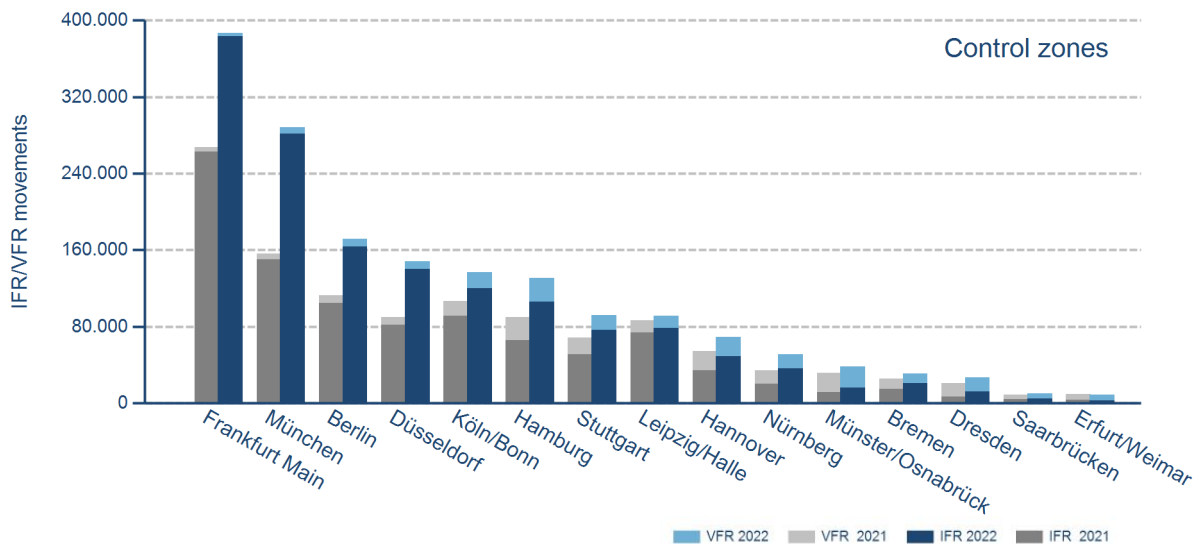


**IFR/VFR flights in control zones of DFS towers**

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

	2022	2021	Trend
Berlin	171.642	113.012	51,9%
Bremen	31.304	25.670	21,9%
Dresden	27.172	21.134	28,6%
Düsseldorf	147.997	89.864	64,7%
Erfurt/Weimar	8.815	9.618	-8,3%
Frankfurt Main	386.542	267.776	44,4%
Hamburg	130.612	89.845	45,4%
Hannover	69.262	54.767	26,5%
Köln/Bonn	136.767	106.919	27,9%
Leipzig/Halle	91.432	86.460	5,8%
München	288.141	156.167	84,5%
Münster/Osnabrück	38.580	31.461	22,6%
Nürnberg	51.400	34.650	48,3%
Saarbrücken	10.019	8.801	13,8%
Stuttgart	92.271	68.781	34,2%

Additional information: Münster reported 8.166 glider movements for the current year.



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

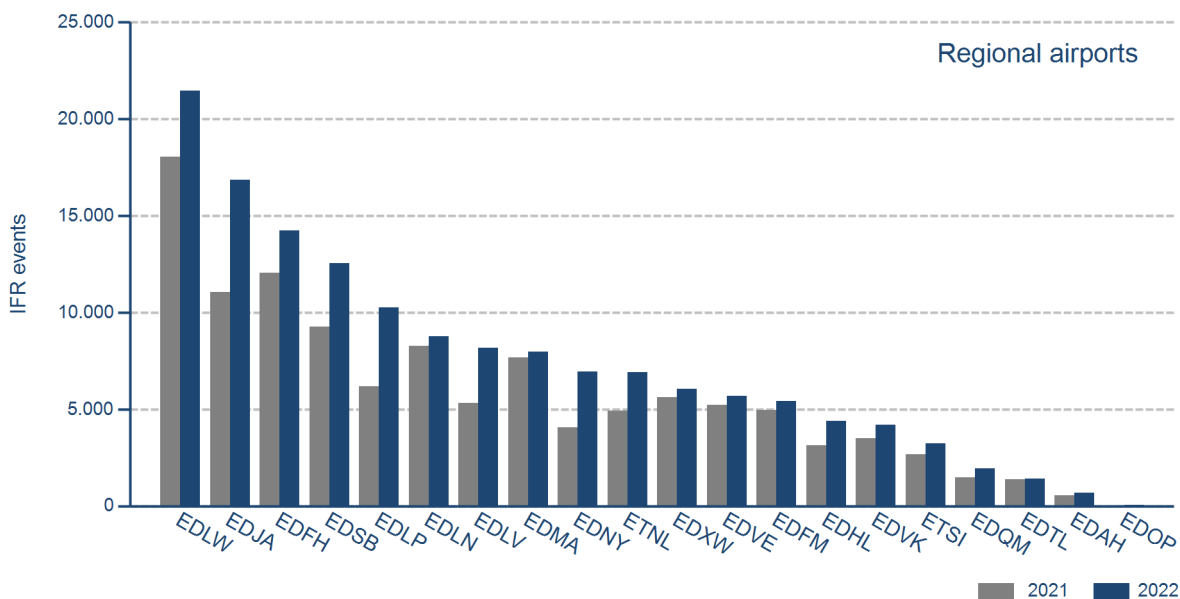
IFR events (take-offs and landings) at the different regional towers in the Federal Republic of Germany with control zone and barely any PPR.

		2022	2021	Trend
EDAH	Heringsdorf	688	538	27,9%
EDFH	Frankfurt-Hahn	14.238	12.055	18,1%
EDFM	Mannheim City	5.435	4.959	9,6%
EDHL	Lübeck-Blankensee	4.394	3.151	39,4%
EDJA	Memmingen	16.853	11.071	52,2%
EDLN	Mönchengladbach	8.780	8.279	6,1%
EDLP	Paderborn/Lippstadt	10.274	6.171	66,5%
EDLV	Niederrhein	8.163	5.320	53,4%
EDLW	Dortmund	21.467	18.049	18,9%
EDMA	Augsburg	7.982	7.670	4,1%
EDNY	Friedrichshafen	6.940	4.066	70,7%
EDOP	Schwerin-Parchim	1	0	N/A
EDQM	Hof-Plauen	1.933	1.470	31,5%
EDSB	Karlsruhe/Baden-Baden	12.551	9.281	35,2%
EDTL	Lahr	1.405	1.376	2,1%
EDVE	Braunschweig-Wolfsburg	5.691	5.235	8,7%
EDVK	Kassel-Calden	4.191	3.495	19,9%
EDXW	Sylt	6.055	5.605	8,0%
ETNL	Laage	6.910	4.921	40,4%
ETSI	Ingolstadt/Manching	3.232	2.683	20,5%

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

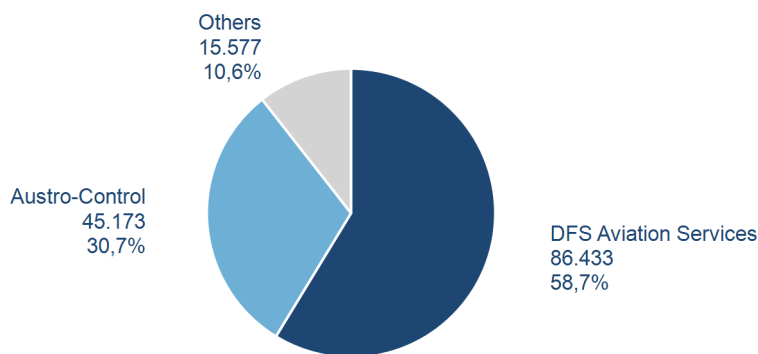
### IFR flights at regional German airports - in detail

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), 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)