



# LIZ Air traffic statistics

MAY 2018

DFS Situation and Information Centre

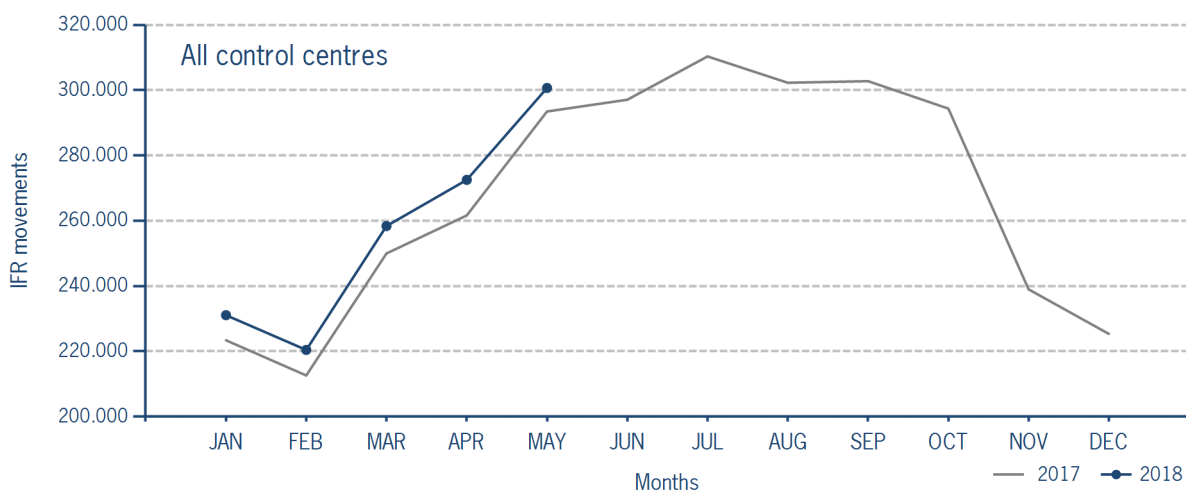
Version 05.06.2018

## IFR flights in the Federal Republic of Germany

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

	MAY 2018	MAY 2017	Trend
Civil flights	297.066	289.140	2,7%
Military flights	3.619	4.342	-16,6%
<b>Total</b>	<b>300.685</b>	<b>293.482</b>	<b>2,5%</b>

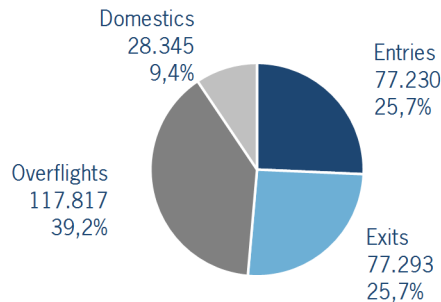
	JAN - MAY 2018	JAN - MAY 2017	Trend
Civil flights	1.265.726	1.222.960	3,5%
Military flights	17.296	18.047	-4,2%
<b>Total</b>	<b>1.283.022</b>	<b>1.241.007</b>	<b>3,4%</b>



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 - percentage

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

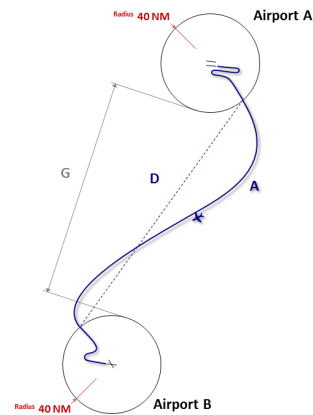


Please note: This count covers the traffic in the area build by all control sectors with a German designator („ED“), regardless of the service provider, including civil and military traffic in sectors controlled by DFS and Maastricht UAC (Maastricht-Hannover sectors). The area counted is composed of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

## Flight efficiency in the Federal Republic of Germany

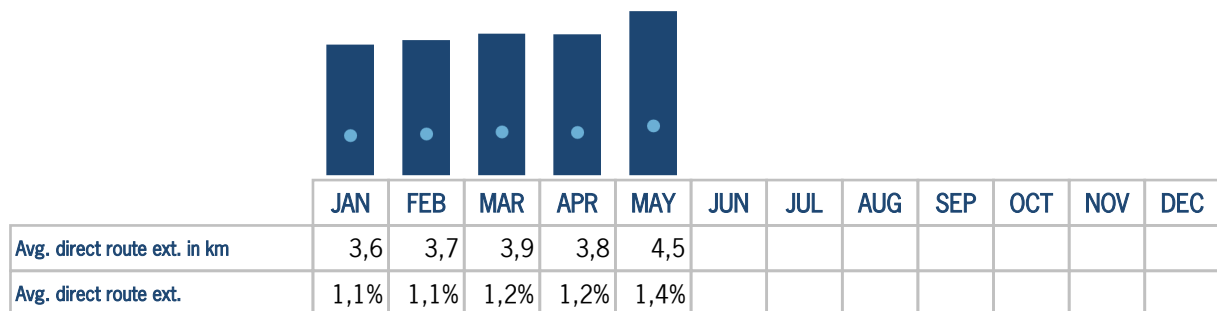
Direct route extension is defined as the difference between the length of the actual route (A) and the direct course (D) between the departure and arrival terminal areas (radius of 40 NM around the airport) or the national border where a flight enters or leaves German airspace. The direct route extension expressed as a percentage is defined as the ratio between the direct route extension and the direct course (D).

MAY 2018	
Evaluated traffic	268.452
Average actual route / flight	334,7 km
Average direct course / flight	330,2 km
Average direct route extension / flight	4,5 km
Average direct route extension / flight	1,4%



Additional information:

The evaluated traffic includes only civil flights. This value is different from the number of IFR flights in the Federal Republic of Germany because certain flights are not included in the statistics. For example, tracks which have an intercept point with the departure or the arrival terminal area (40 NM) outside of the DFS controlled airspace are not included.



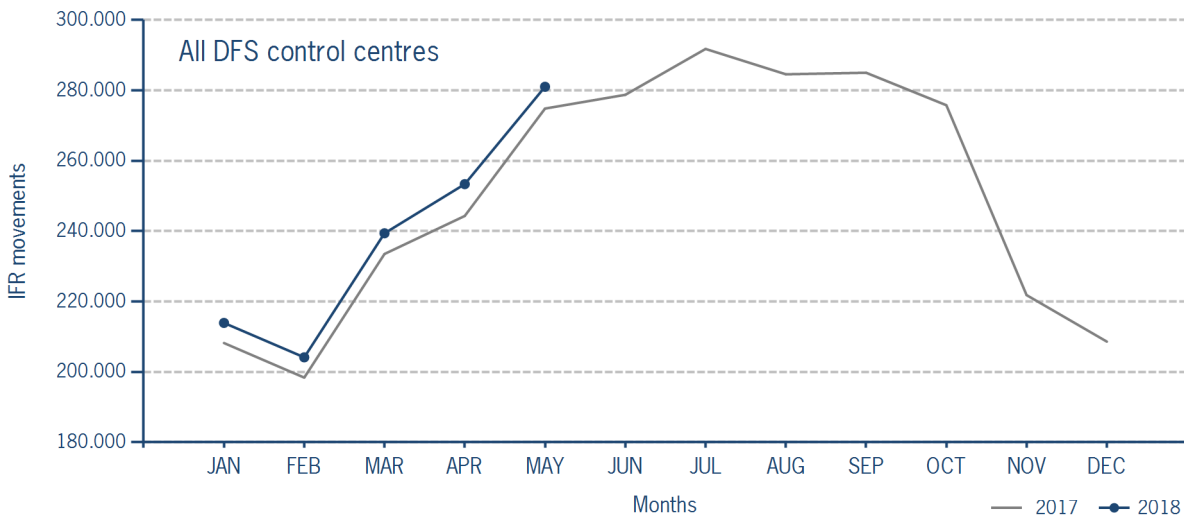
## IFR flights controlled by DFS

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

	MAY 2018	MAY 2017	Trend
<b>Civil flights</b>	277.442	270.538	2,6%
<b>Military flights</b>	3.609	4.319	-16,4%
<b>Total</b>	281.051	274.857	2,3%

	JAN - MAY 2018	JAN - MAY 2017	Trend
<b>Civil flights</b>	1.174.701	1.141.367	2,9%
<b>Military flights</b>	17.238	17.990	-4,2%
<b>Total</b>	1.191.939	1.159.357	2,8%

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.



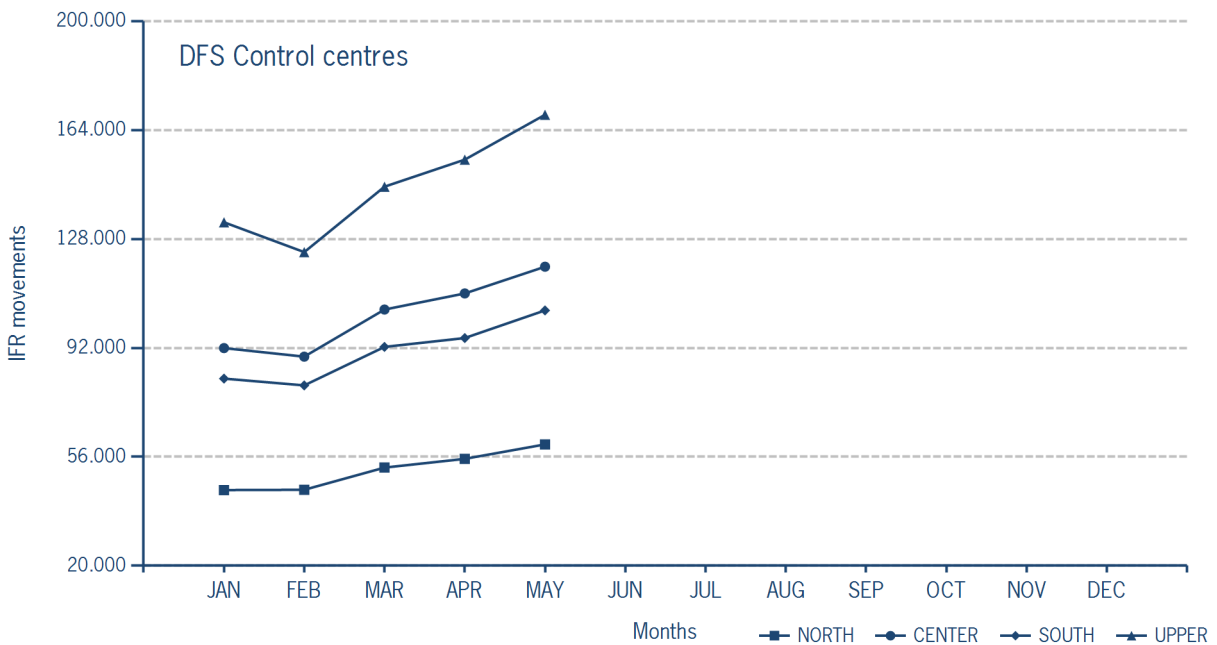
**IFR flights controlled by DFS - in detail**

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

	MAY 2018	MAY 2017	Trend
NORTH	60.110	61.450	-2,2%
CENTER	118.839	115.542	2,9%
SOUTH	104.398	100.556	3,8%
UPPER	169.064	168.528	0,3%

	JAN - MAY 2018	JAN - MAY 2017	Trend
NORTH	258.010	262.615	-1,8%
CENTER	514.583	494.081	4,1%
SOUTH	453.461	436.943	3,8%
UPPER	725.768	708.620	2,4%

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 and regional German airports

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

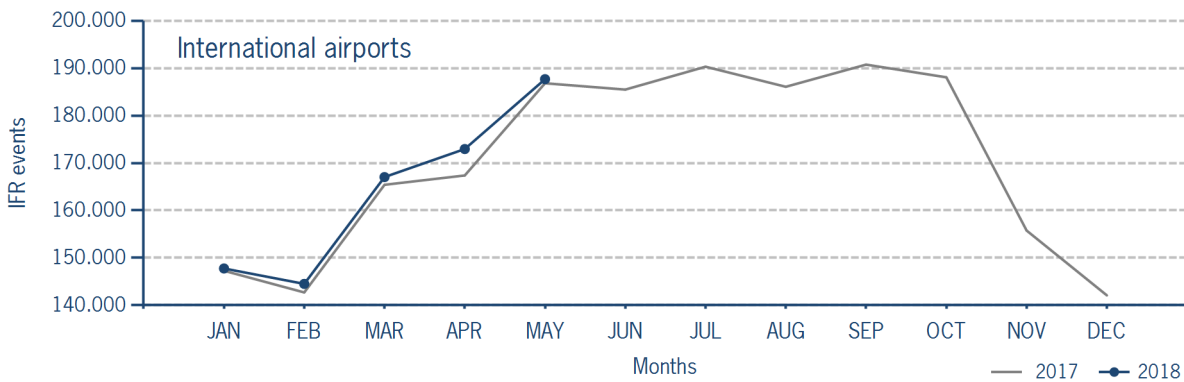
	MAY 2018	MAY 2017	Trend
<b>International Airports</b>	187.679	186.822	0,5%
<b>Regional Airports</b>	15.332	14.789	3,7%
<b>Total</b>	203.011	201.611	0,7%

	JAN - MAY 2018	JAN - MAY 2017	Trend
<b>International Airports</b>	819.944	809.590	1,3%
<b>Regional Airports</b>	65.353	62.073	5,3%
<b>Total</b>	885.297	871.663	1,6%

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

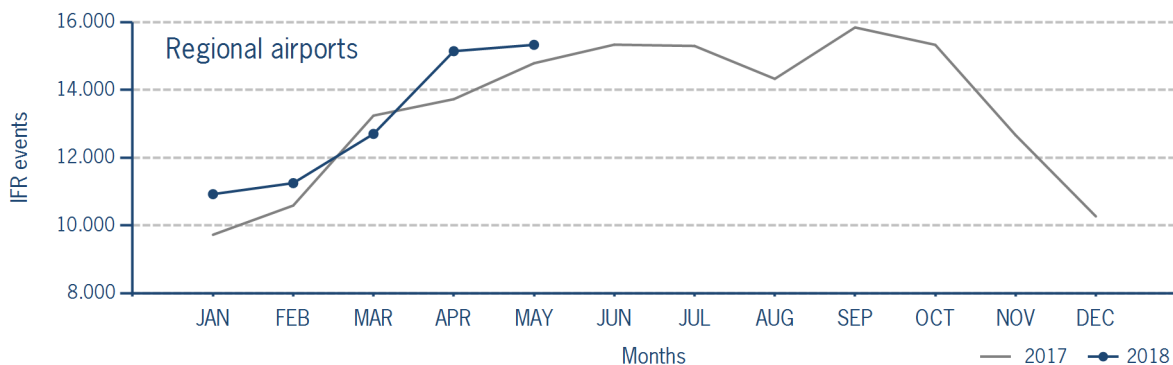
### IFR flights at international German airports

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



### IFR flights at regional German airports

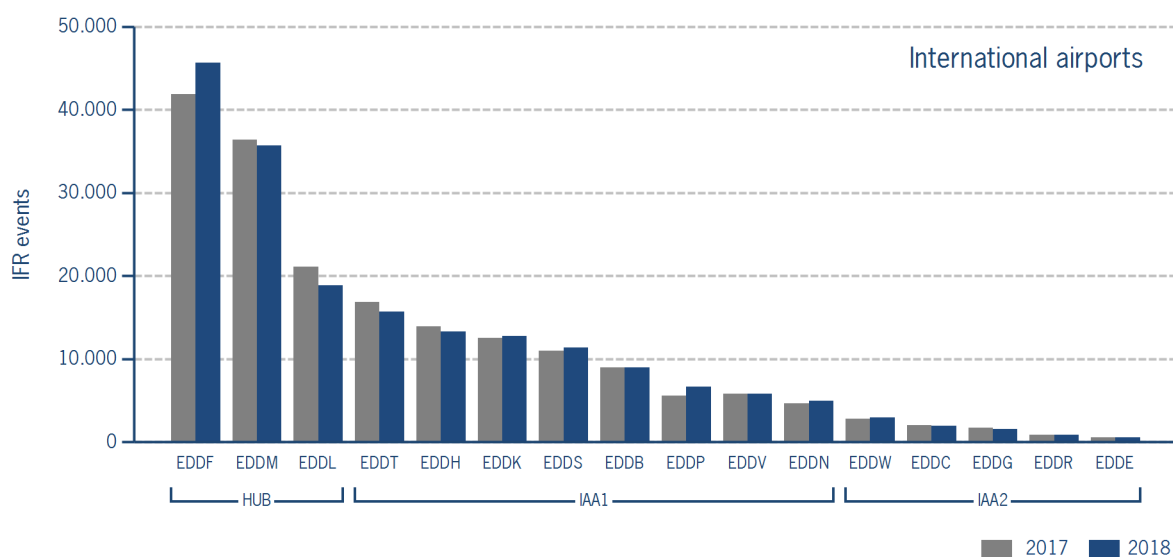
IFR events (take-offs and landings) at the different regional towers in the Federal Republic of Germany with control zone and barely any PPR.



**IFR flights at international German airports - in detail**

IFR events (take-offs and landings) 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).

		MAY 2018	Trend	JAN - MAY 2018	Trend
<b>HUB</b>					
EDDF	Frankfurt/Main	45.685	9,0%	201.759	8,5%
EDDL	Düsseldorf	18.901	-10,5%	81.922	-8,5%
EDDM	München	35.709	-1,8%	161.578	0,0%
<b>IAA1</b>					
EDDB	Berlin-Schönefeld	8.950	-0,5%	40.479	-0,2%
EDDH	Hamburg	13.318	-4,3%	58.027	-4,8%
EDDK	Köln/Bonn	12.743	1,8%	54.159	2,1%
EDDN	Nürnberg	4.999	7,2%	20.492	2,8%
EDDP	Leipzig/Halle	6.659	18,8%	28.946	16,3%
EDDS	Stuttgart	11.345	2,9%	48.478	8,2%
EDDT	Berlin-Tegel	15.686	-7,1%	67.505	-6,1%
EDDV	Hannover	5.777	-1,1%	24.132	2,8%
<b>IAA2</b>					
EDDC	Dresden	1.960	-5,2%	8.342	-7,6%
EDDE	Erfurt/Weimar	551	-0,2%	1.857	-8,8%
EDDG	Münster/Osnabrück	1.597	-8,5%	6.880	2,4%
EDDR	Saarbrücken	865	3,1%	3.457	0,8%
EDDW	Bremen	2.934	5,0%	11.931	1,7%



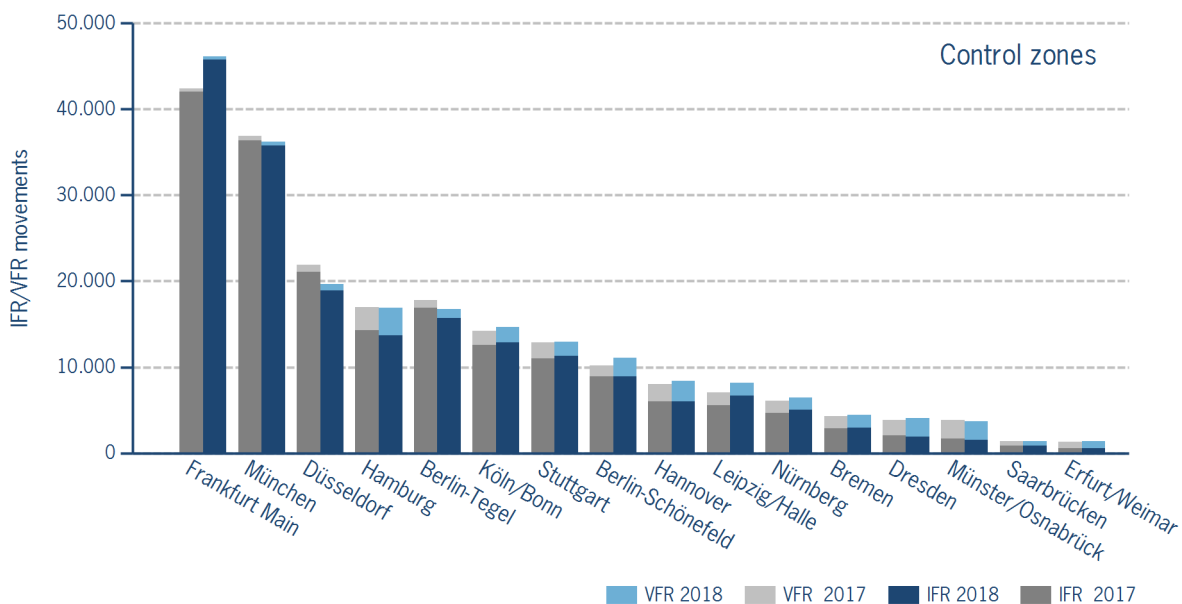
IFR/VFR flights in control zones of DFS towers

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

	MAY 2018	Trend	JAN - MAY 2018	Trend
Berlin-Schönefeld	11.117	9,0%	46.732	3,2%
Berlin-Tegel	16.721	-6,1%	71.315	-5,5%
Bremen	4.411	2,5%	17.330	1,6%
Dresden	4.081	6,5%	14.010	0,9%
Düsseldorf	19.633	-10,4%	84.887	-8,5%
Erfurt/Weimar	1.357	3,5%	4.680	0,6%
Frankfurt Main	46.160	8,9%	203.677	8,5%
Hamburg	16.894	-0,5%	68.835	-3,4%
Hannover	8.392	4,8%	32.981	4,8%
Köln/Bonn	14.636	2,9%	60.766	1,6%
Leipzig/Halle	8.161	15,6%	34.934	13,8%
München	36.220	-1,9%	163.898	0,0%
Münster/Osnabrück	3.685	-4,3%	14.625	6,5%
Nürnberg	6.422	5,0%	26.006	3,5%
Saarbrücken	1.407	4,4%	5.535	-2,9%
Stuttgart	12.971	0,9%	54.998	6,4%

Additional information:

Münster reported 496 glider movements for the current month, i.e. 664 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.

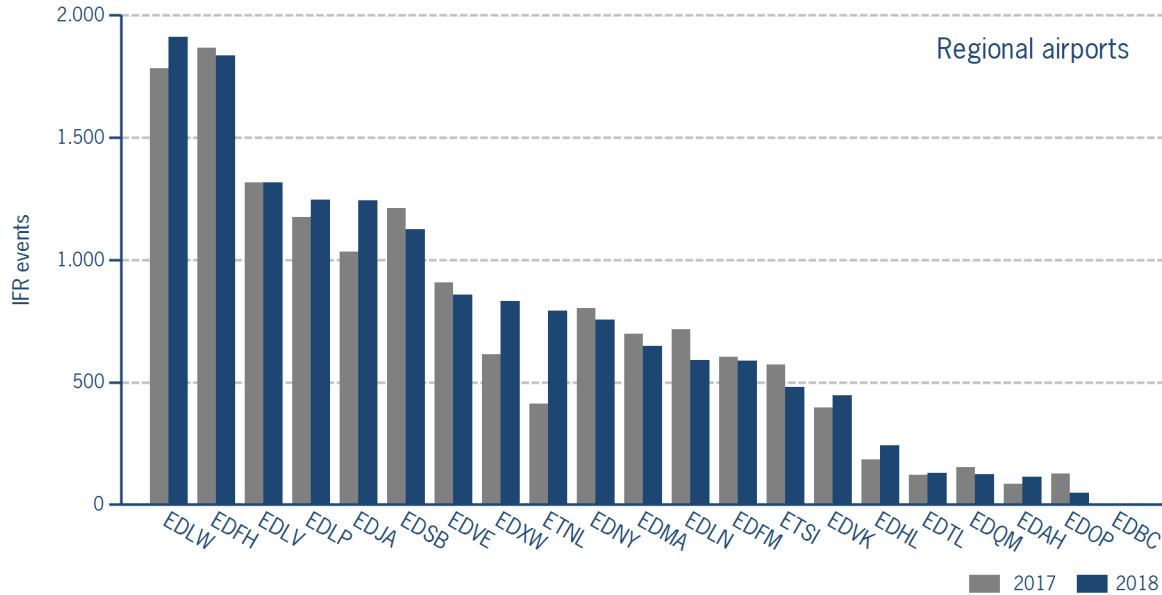
		MAY 2018	Trend	JAN - MAY 2018	Trend
EDAH	Heringsdorf	114	32,6%	258	4,5%
EDBC	Magdeburg/Cochstedt	0	N/A	1	-50,0%
EDFH	Frankfurt-Hahn	1.836	-1,7%	8.225	2,0%
EDFM	Mannheim City	589	-2,3%	2.634	-0,6%
EDHL	Lübeck-Blankensee	243	31,4%	859	19,0%
EDJA	Memmingen	1.244	20,4%	5.243	18,0%
EDLN	Mönchengladbach	590	-17,6%	2.697	11,9%
EDLP	Paderborn/Lippstadt	1.245	6,0%	4.928	7,2%
EDLV	Niederrhein	1.316	-0,1%	4.936	9,2%
EDLW	Dortmund	1.913	7,3%	8.731	11,5%
EDMA	Augsburg	649	-7,2%	2.826	0,7%
EDNY	Friedrichshafen	755	-5,9%	4.208	-5,9%
EDOP	Schwerin-Parchim	49	-61,4%	260	-37,5%
EDQM	Hof-Plauen	124	-19,5%	516	-17,7%
EDSB	Karlsruhe/Baden-Baden	1.126	-7,1%	4.645	-10,5%
EDTL	Lahr	130	6,6%	616	5,5%
EDVE	Braunschweig-Wolfsburg	859	-5,5%	4.064	-4,0%
EDVK	Kassel-Calden	446	12,3%	1.866	17,7%
EDXW	Sylt	831	35,1%	2.033	11,9%
ETNL	Laage	793	92,0%	3.529	40,4%
ETSI	Ingolstadt/Manching	480	-16,2%	2.278	-2,6%

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



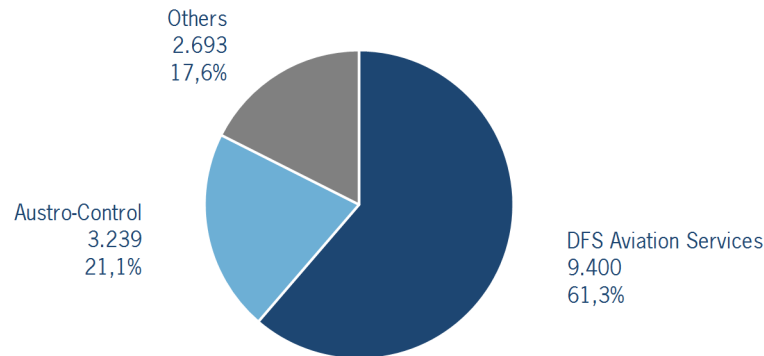
### IFR flights at regional German airports - in detail

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

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), Frankfurt-Hahn (EDFH), 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), Friedrichshafen (EDNY), 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)