



LIZ Air traffic statistics

JUN 2019

DFS Situation and Information Centre

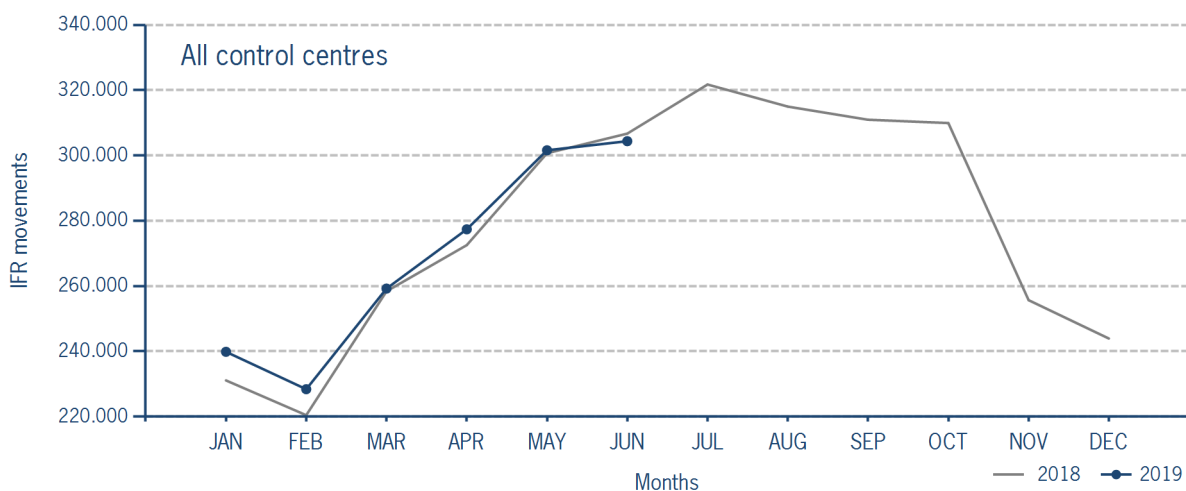
Version 03.07.2019

IFR flights in the Federal Republic of Germany

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

	JUN 2019	JUN 2018	Trend
Civil flights	300.564	302.631	-0,7%
Military flights	3.810	4.064	-6,2%
Total	304.374	306.695	-0,8%

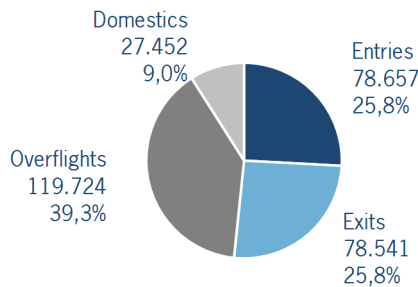
	JAN - JUN 2019	JAN - JUN 2018	Trend
Civil flights	1.590.145	1.568.357	1,4%
Military flights	20.571	21.360	-3,7%
Total	1.610.716	1.589.717	1,3%



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.

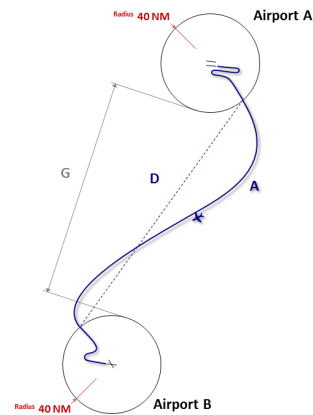


Please note: This count covers the traffic in the area build by all control sectors with a German designator („ED“), regardless of the service provider, including civil and military traffic in sectors controlled by DFS and Maastricht UAC (Maastricht-Hannover sectors). The area counted is composed of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

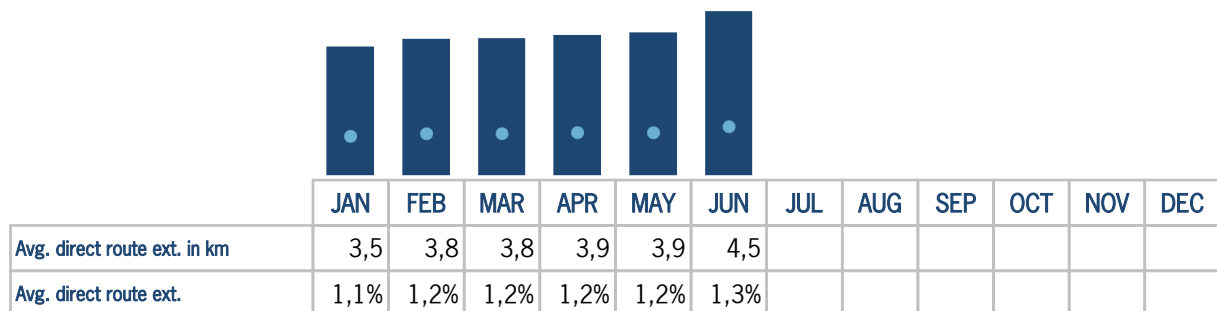
Direct route extension is defined as the difference between the length of the actual route (A) and the direct course (D) between the departure and arrival terminal areas (radius of 40 NM around the airport) or the national border where a flight enters or leaves German airspace. The direct route extension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

JUN 2019	
Evaluated traffic	273.261
Average actual route / flight	340,2 km
Average direct course / flight	335,6 km
Average direct route extension / flight	4,5 km
Average direct route extension / flight	1,3%



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.



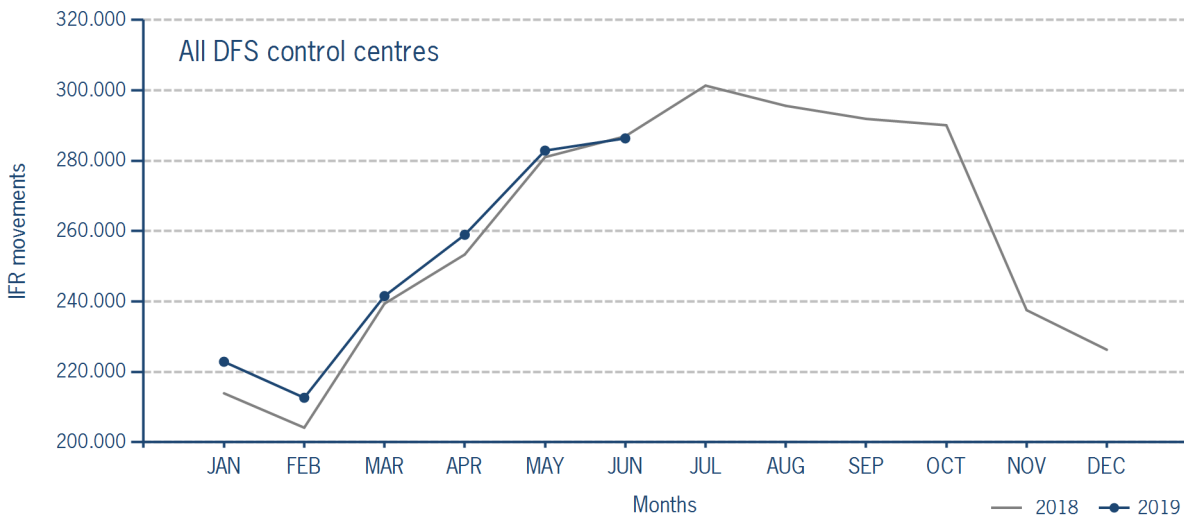
IFR flights controlled by DFS

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

	JUN 2019	JUN 2018	Trend
Civil flights	282.595	282.943	-0,1%
Military flights	3.788	4.034	-6,1%
Total	286.383	286.977	-0,2%

	JAN - JUN 2019	JAN - JUN 2018	Trend
Civil flights	1.484.872	1.457.644	1,9%
Military flights	20.541	21.272	-3,4%
Total	1.505.413	1.478.916	1,8%

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.



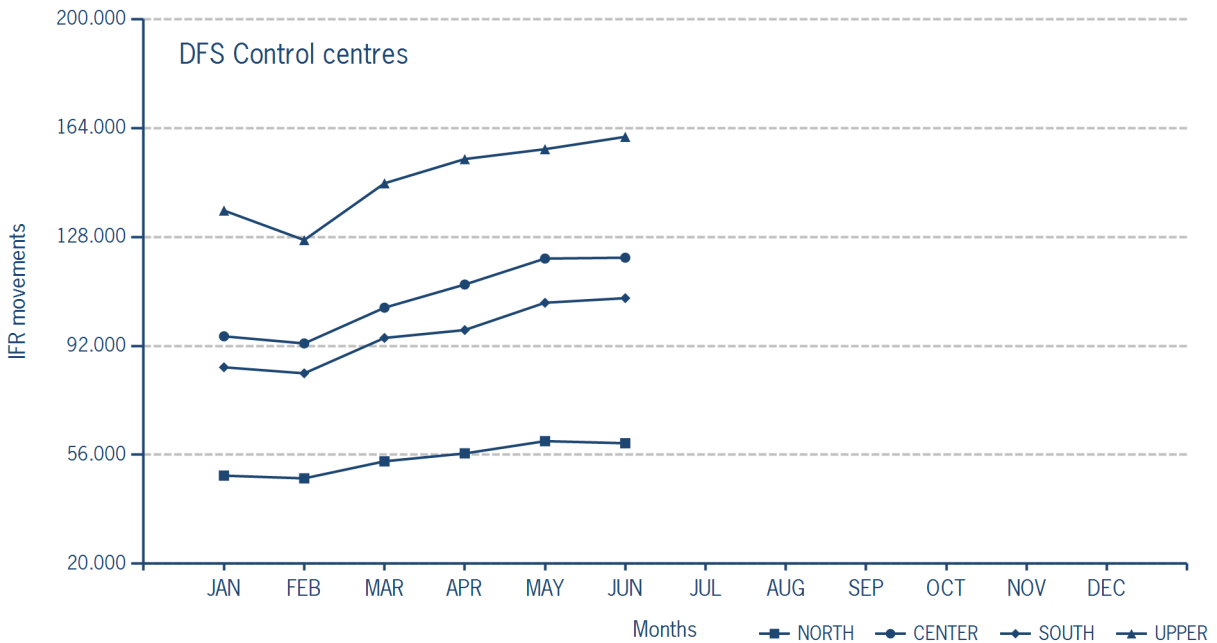
IFR flights controlled by DFS - in detail

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

	JUN 2019	JUN 2018	Trend
NORTH	59.837	61.712	-3,0%
CENTER	121.153	119.585	1,3%
SOUTH	107.782	107.539	0,2%
UPPER	161.113	164.631	-2,1%

	JAN - JUN 2019	JAN - JUN 2018	Trend
NORTH	328.025	319.722	2,6%
CENTER	646.929	634.168	2,0%
SOUTH	573.802	561.000	2,3%
UPPER	881.390	890.399	-1,0%

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 tower with control zone and barely any PPR in the Federal Republic of Germany.

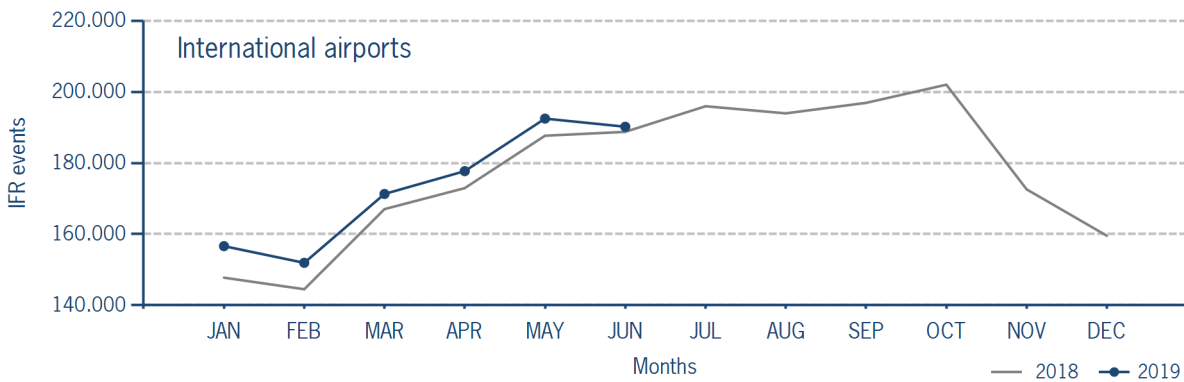
	JUN 2019	JUN 2018	Trend
International Airports	190.204	188.772	0,8%
Regional Airports	14.543	16.019	-9,2%
Total	204.747	204.791	0,0%

	JAN - JUN 2019	JAN - JUN 2018	Trend
International Airports	1.040.275	1.008.716	3,1%
Regional Airports	79.718	81.372	-2,0%
Total	1.119.993	1.090.088	2,7%

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

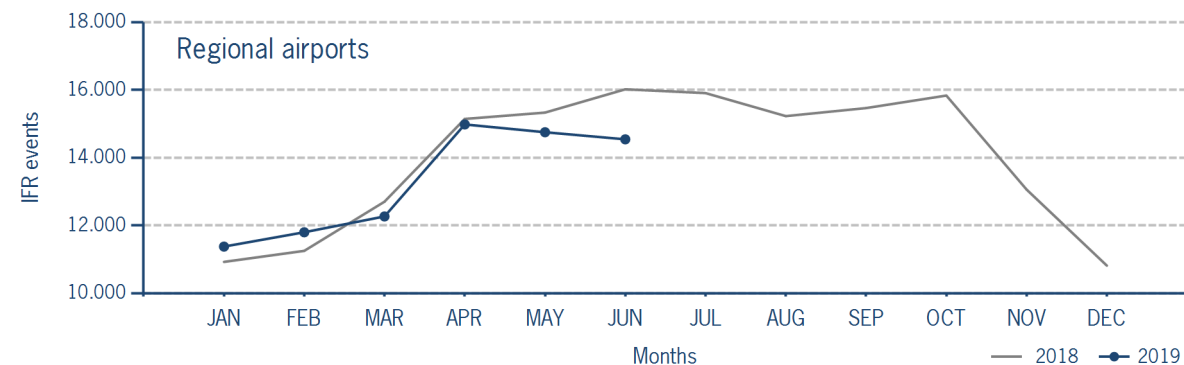
IFR flights at international German airports

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



IFR flights at regional German airports

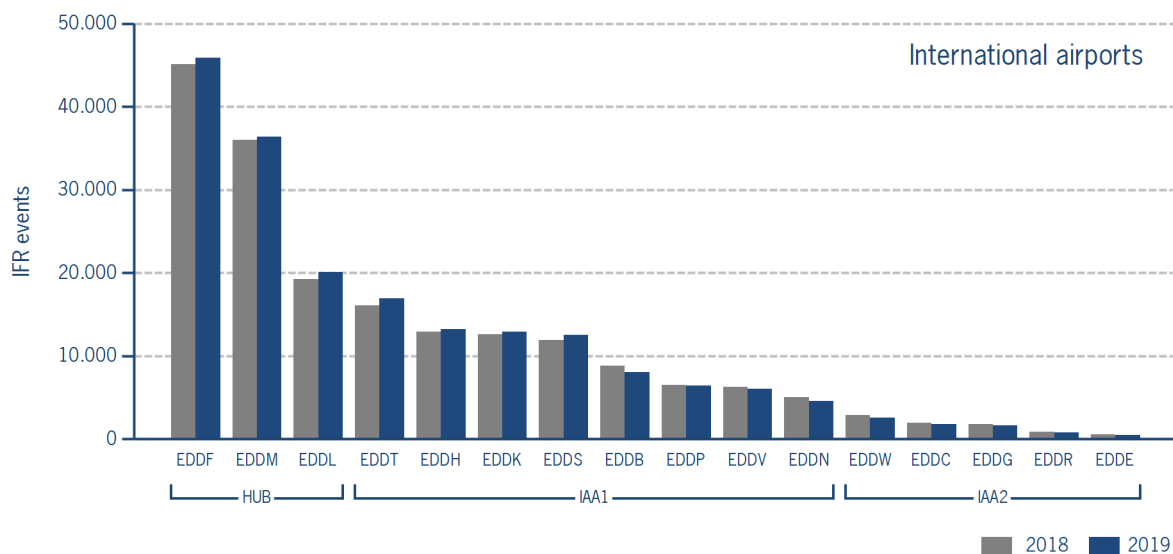
IFR events (take-offs and landings) at the different regional towers in the Federal Republic of Germany with control zone and barely any PPR.



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).

		JUN 2019	Trend	JAN - JUN 2019	Trend
HUB					
EDDF	Frankfurt/Main	45.864	1,7%	252.254	2,2%
EDDL	Düsseldorf	20.072	4,5%	110.030	8,8%
EDDM	München	36.368	0,9%	203.293	2,9%
IAA1					
EDDB	Berlin-Schönefeld	8.075	-8,7%	45.556	-7,6%
EDDH	Hamburg	13.192	1,9%	73.102	3,0%
EDDK	Köln/Bonn	12.917	2,5%	66.701	-0,1%
EDDN	Nürnberg	4.566	-10,0%	23.243	-9,1%
EDDP	Leipzig/Halle	6.401	-2,1%	36.732	3,5%
EDDS	Stuttgart	12.542	5,4%	63.870	5,8%
EDDT	Berlin-Tegel	16.902	5,0%	96.504	15,4%
EDDV	Hannover	6.025	-4,5%	30.402	-0,1%
IAA2					
EDDC	Dresden	1.802	-8,1%	9.865	-4,3%
EDDE	Erfurt/Weimar	457	-19,1%	2.201	-9,1%
EDDG	Münster/Osnabrück	1.619	-9,9%	8.686	0,1%
EDDR	Saarbrücken	827	-8,3%	3.612	-17,1%
EDDW	Bremen	2.575	-11,1%	14.224	-4,1%

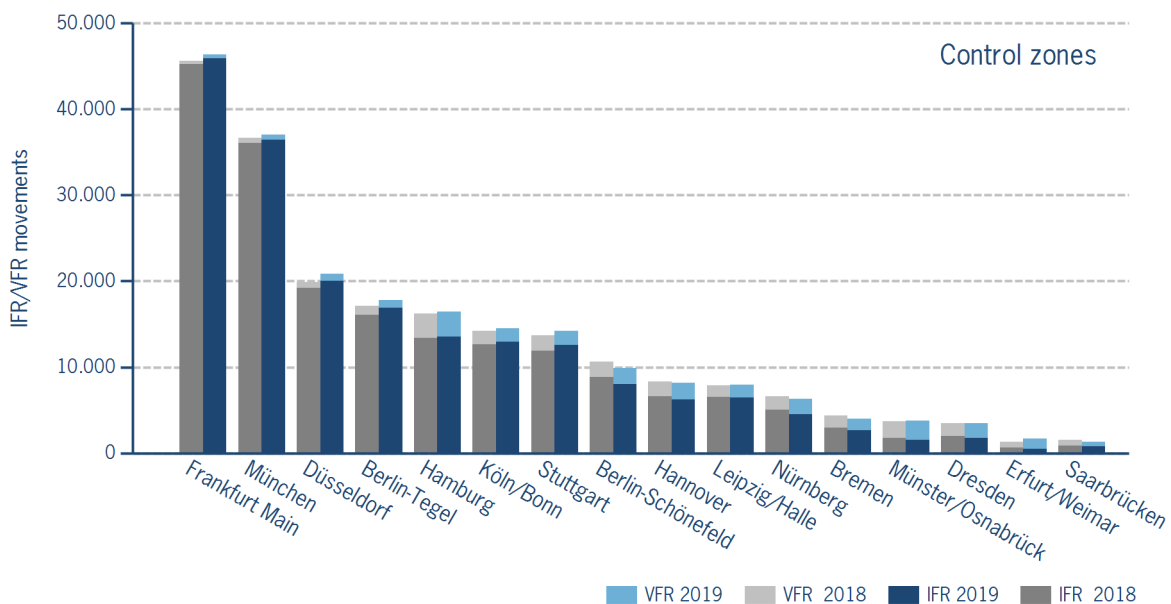


IFR/VFR flights in control zones of DFS towers

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

	JUN 2019	Trend	JAN - JUN 2019	Trend
Berlin-Schönefeld	9.896	-6,9%	53.167	-7,3%
Berlin-Tegel	17.774	3,8%	100.610	13,8%
Bremen	3.974	-8,3%	20.494	-5,4%
Dresden	3.458	-1,1%	16.639	-5,0%
Düsseldorf	20.863	4,9%	113.388	8,2%
Erfurt/Weimar	1.709	27,1%	6.098	1,2%
Frankfurt Main	46.390	1,7%	254.875	2,2%
Hamburg	16.451	1,5%	86.112	1,3%
Hannover	8.170	-1,9%	40.630	-1,6%
Köln/Bonn	14.527	2,1%	73.937	-1,4%
Leipzig/Halle	7.934	0,3%	43.674	1,9%
München	37.020	1,0%	206.291	2,9%
Münster/Osnabrück	3.784	1,4%	17.724	-3,4%
Nürnberg	6.313	-3,9%	30.379	-6,7%
Saarbrücken	1.331	-12,0%	5.792	-17,8%
Stuttgart	14.233	3,7%	71.447	4,0%

Additional information: Münster reported 676 glider movements for the current month, i.e. 2.040 glider movements for the cumulated year.



IFR flights at regional German airports - in detail

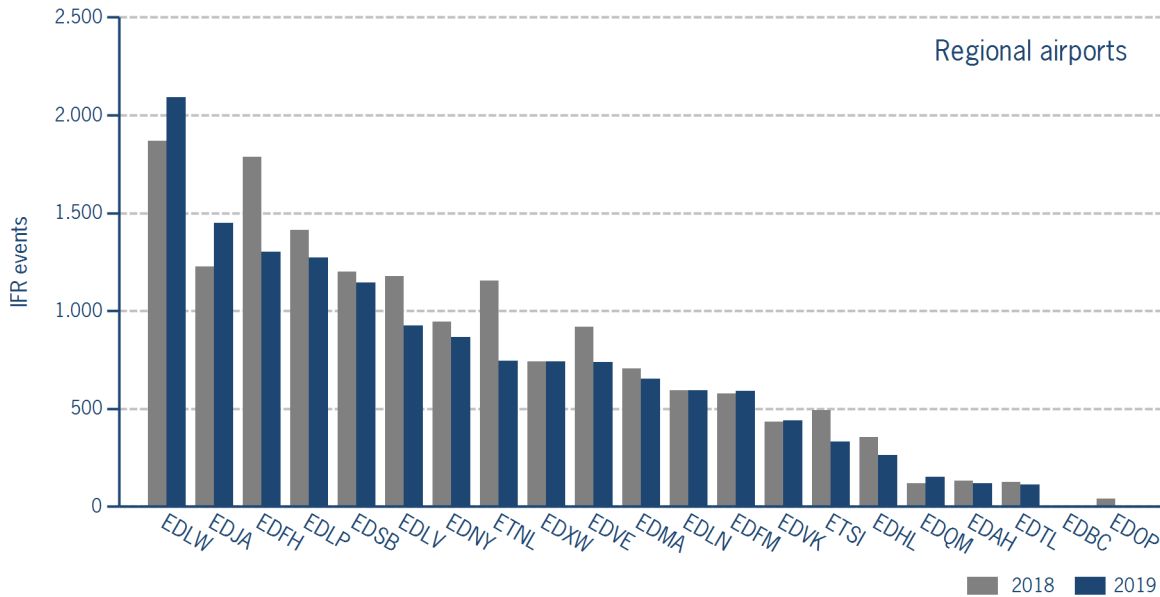
IFR events (take-offs and landings) at the different regional towers in the Federal Republic of Germany with control zone and barely any PPR.

		JUN 2019	Trend	JAN - JUN 2019	Trend
EDAH	Heringsdorf	118	-11,3%	406	3,8%
EDBC	Magdeburg/Cochstedt	0	N/A	1	0,0%
EDFH	Frankfurt-Hahn	1.303	-27,1%	8.227	-17,8%
EDFM	Mannheim City	592	2,4%	3.411	6,2%
EDHL	Lübeck-Blankensee	265	-25,4%	1.445	19,0%
EDJA	Memmingen	1.449	18,1%	7.613	17,7%
EDLN	Mönchengladbach	593	-0,2%	3.173	-3,6%
EDLP	Paderborn/Lippstadt	1.274	-9,9%	6.415	1,2%
EDLV	Niederrhein	926	-21,4%	4.569	-25,3%
EDLW	Dortmund	2.092	11,9%	11.512	8,6%
EDMA	Augsburg	655	-7,2%	3.470	-1,8%
EDNY	Friedrichshafen	865	-8,5%	5.489	6,5%
EDOP	Schwerin-Parchim	0	-100,0%	24	-92,0%
EDQM	Hof-Plauen	153	26,4%	763	19,8%
EDSB	Karlsruhe/Baden-Baden	1.145	-4,6%	5.811	-0,6%
EDTL	Lahr	112	-11,1%	758	2,2%
EDVE	Braunschweig-Wolfsburg	739	-19,6%	4.733	-5,0%
EDVK	Kassel-Calden	442	1,6%	2.192	-4,7%
EDXW	Sylt	743	0,1%	2.648	-4,6%
ETNL	Laage	745	-35,4%	4.300	-8,2%
ETSI	Ingolstadt/Manching	332	-32,7%	2.758	-0,5%

*The value is of limited conclusiveness (OLC).

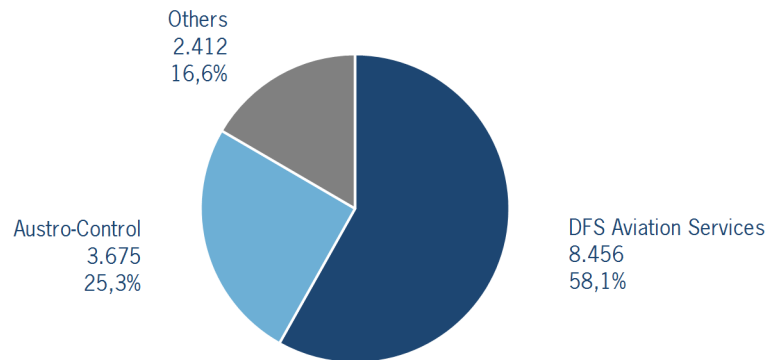
IFR flights at regional German airports - in detail

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

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)