



# LIZ Air traffic statistics

DFS Situation and Information Centre

JUL 2021

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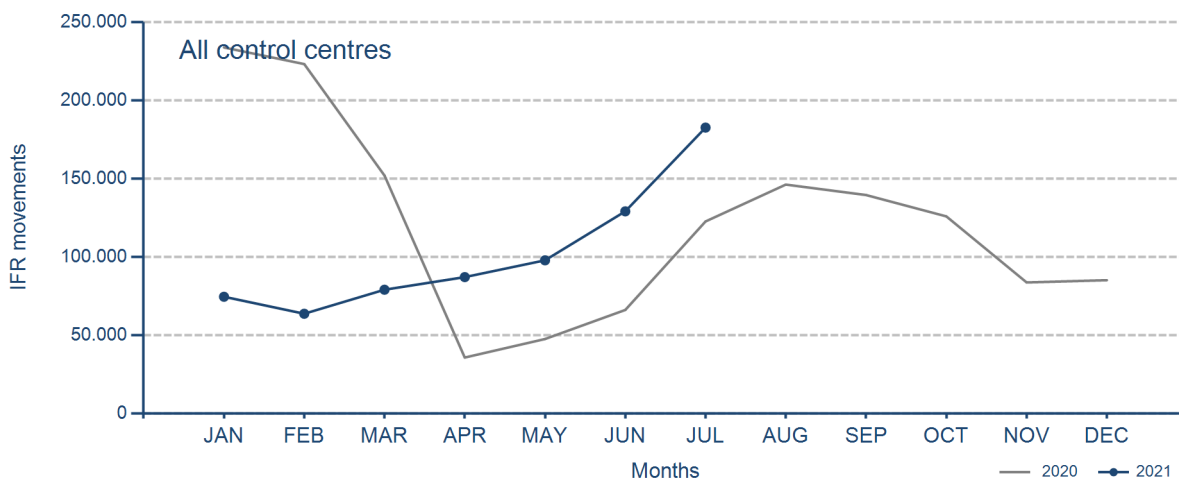
## IFR flights in the Federal Republic of Germany

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

	JUL 2021	JUL 2020	Trend
Civil flights	178.656	118.352	51,0%
Military flights	3.880	4.267	-9,1%
Total	182.536	122.619	48,9%

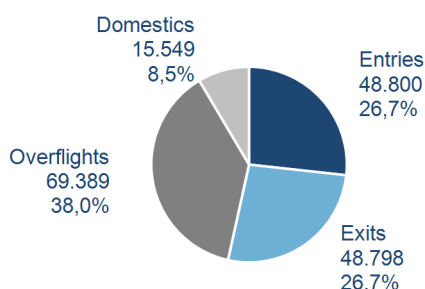
	JAN - JUL 2021	JAN - JUL 2020	Trend
Civil flights	688.466	857.366	-19,7%
Military flights	25.286	23.333	8,4%
Total	713.752	880.699	-19,0%



Please note: This count covers the traffic in the area built 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.

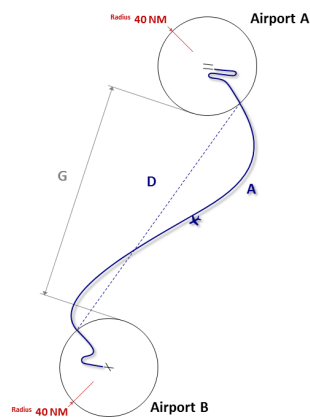


Please note: This count covers the traffic in the area build by all control sectors with a German designator („ED“), regardless of the service provider, including civil and military traffic in sectors controlled by DFS and Maastricht UAC (Maastricht-Hannover sectors). The area counted is composed of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

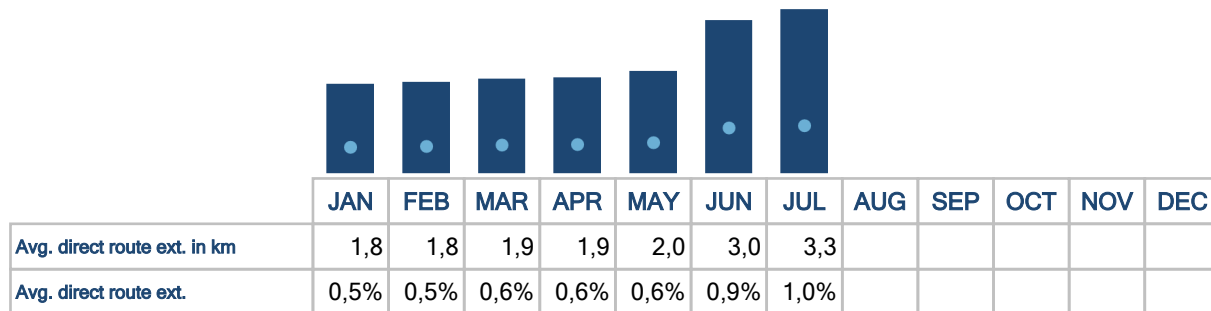
Direct route extension is defined as the difference between the length of the actual route (A) and the direct course (D) between the departure and arrival terminal areas (radius of 40 NM around the airport) or the national border where a flight enters or leaves German airspace. The direct route extension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

JUL 2021	
Evaluated traffic	155.079
Average actual route / flight	345,8 km
Average direct course / flight	342,6 km
Average direct route extension / flight	3,3 km
Average direct route extension / flight	1,0%



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.



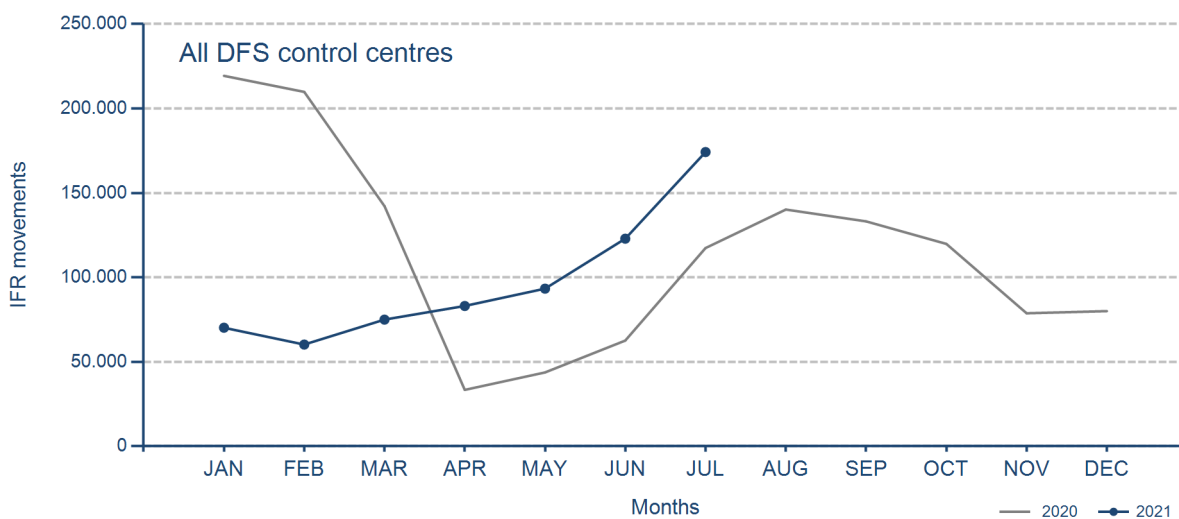
## IFR flights controlled by DFS

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

	JUL 2021	JUL 2020	Trend
<b>Civil flights</b>	170.319	113.161	50,5%
<b>Military flights</b>	3.920	4.241	-7,6%
<b>Total</b>	174.239	117.402	48,4%

	JAN - JUL 2021	JAN - JUL 2020	Trend
<b>Civil flights</b>	653.740	805.448	-18,8%
<b>Military flights</b>	25.450	23.182	9,8%
<b>Total</b>	679.190	828.630	-18,0%

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.



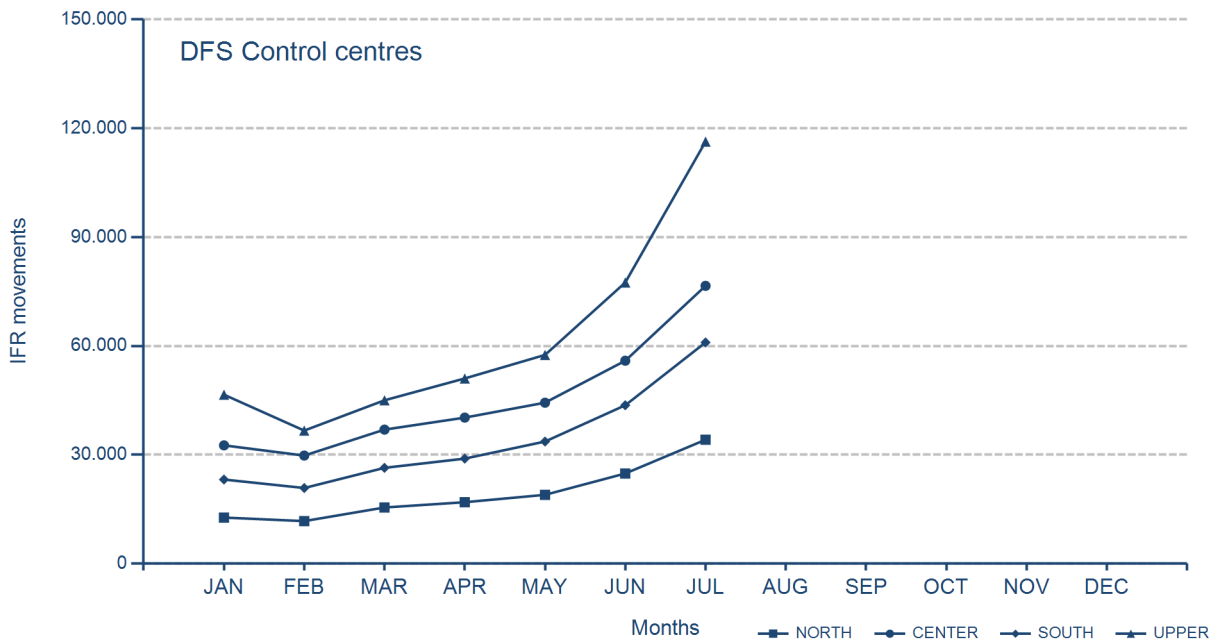
### IFR flights controlled by DFS - in detail

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

	JUL 2021	JUL 2020	Trend
<b>NORTH</b>	34.164	25.180	35,7%
<b>CENTER</b>	76.543	52.322	46,3%
<b>SOUTH</b>	60.964	41.405	47,2%
<b>UPPER</b>	116.271	73.673	57,8%

	JAN - JUL 2021	JAN - JUL 2020	Trend
<b>NORTH</b>	134.931	178.491	-24,4%
<b>CENTER</b>	316.435	368.976	-14,2%
<b>SOUTH</b>	237.721	307.510	-22,7%
<b>UPPER</b>	430.582	502.674	-14,3%

Please note: The trend numbers compare counts of the airspaces in their current configuration to the count of the same airspace in 2020.



### 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.

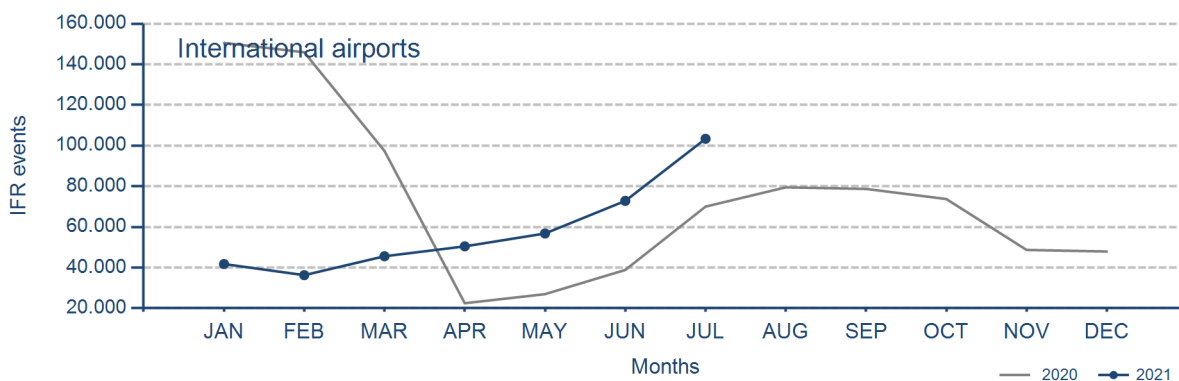
	JUL 2021	JUL 2020	Trend
<b>International Airports</b>	103.400	70.027	47,7%
<b>Regional Airports</b>	12.681	11.387	11,4%
<b>Total</b>	116.081	81.414	42,6%

	JAN - JUL 2021	JAN - JUL 2020	Trend
<b>International Airports</b>	407.191	552.288	-26,3%
<b>Regional Airports</b>	57.509	57.529	0,0%
<b>Total</b>	464.700	609.817	-23,8%

Please note: The airport Schwerin-Parchim (EDOP) is currently closed.

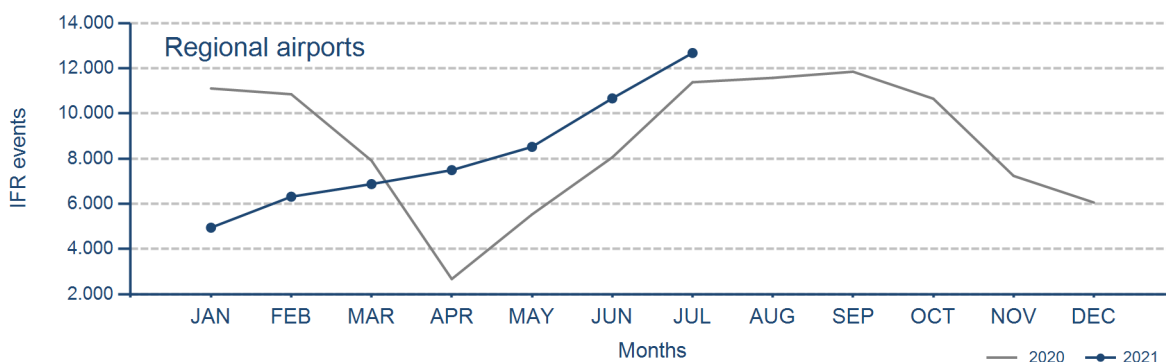
### IFR flights at international German airports

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



### IFR flights at regional German airports

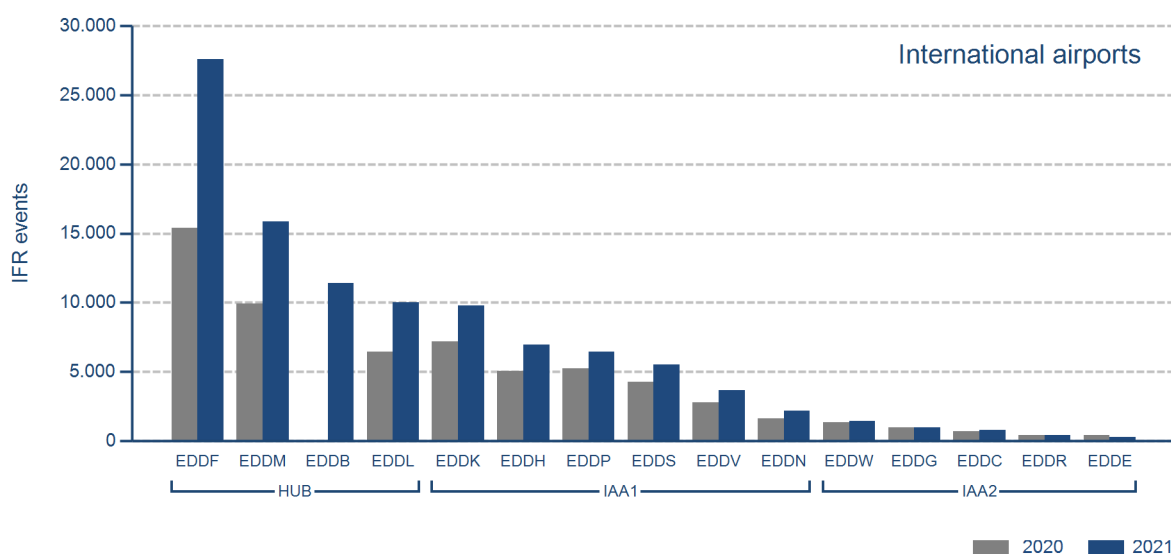
IFR events (take-offs and landings) at the different regional towers in the Federal Republic of Germany with control zone and barely any PPR.



### 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).

	JUL 2021	Trend	JAN - JUL 2021	Trend
<b>HUB</b>				
EDDB Berlin-Brandenburg	11.421	N/A	39.863	N/A
EDDF Frankfurt/Main	27.577	79,3%	118.008	-12,0%
EDDL Düsseldorf	10.007	54,9%	31.117	-39,8%
EDDM München	15.857	59,5%	55.095	-42,5%
<b>IAA1</b>				
EDDH Hamburg	6.958	37,2%	24.866	-32,9%
EDDK Köln/Bonn	9.774	35,9%	41.940	-9,9%
EDDN Nürnberg	2.207	34,6%	7.909	-38,5%
EDDP Leipzig/Halle	6.436	22,9%	39.711	11,9%
EDDS Stuttgart	5.537	30,2%	20.693	-32,5%
EDDV Hannover	3.666	31,6%	12.453	-25,6%
<b>IAA2</b>				
EDDC Dresden	787	10,5%	2.646	-50,0%
EDDE Erfurt/Weimar	311	-24,9%	1.600	-20,0%
EDDG Münster/Osnabrück	969	-2,5%	4.062	-33,0%
EDDR Saarbrücken	425	2,9%	1.569	-30,5%
EDDW Bremen	1.468	7,3%	5.659	-36,9%

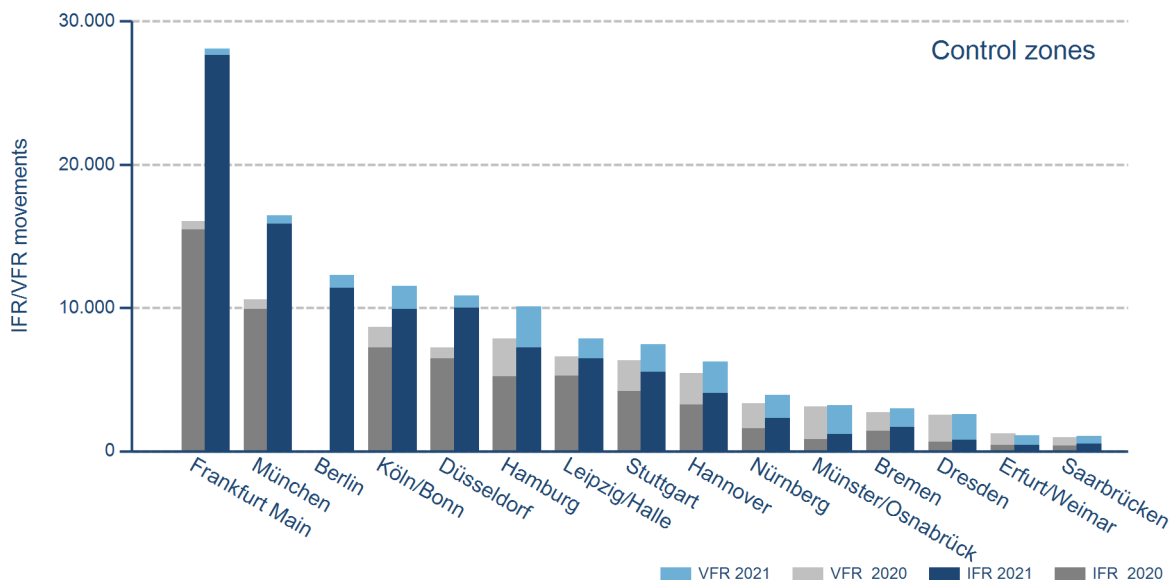


### IFR/VFR flights in control zones of DFS towers

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

	JUL 2021	Trend	JAN - JUL 2021	Trend
Berlin	12.300	N/A	45.128	N/A
Bremen	2.981	10,1%	12.902	-16,0%
Dresden	2.560	1,5%	10.447	-14,1%
Düsseldorf	10.846	49,9%	35.800	-36,3%
Erfurt/Weimar	1.112	-8,7%	5.286	-0,4%
Frankfurt Main	28.102	75,3%	121.779	-11,4%
Hamburg	10.090	28,6%	40.705	-19,9%
Hannover	6.260	15,5%	26.569	-8,0%
Köln/Bonn	11.549	33,0%	51.660	-4,9%
Leipzig/Halle	7.838	19,0%	47.308	11,4%
München	16.473	55,8%	58.537	-41,0%
Münster/Osnabrück	3.193	3,0%	17.366	8,9%
Nürnberg	3.917	18,1%	16.370	-16,5%
Saarbrücken	1.036	9,7%	4.560	3,1%
Stuttgart	7.451	17,3%	31.155	-19,8%

Additional information: Münster reported 840 glider movements for the current month, i.e. 5.535 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.

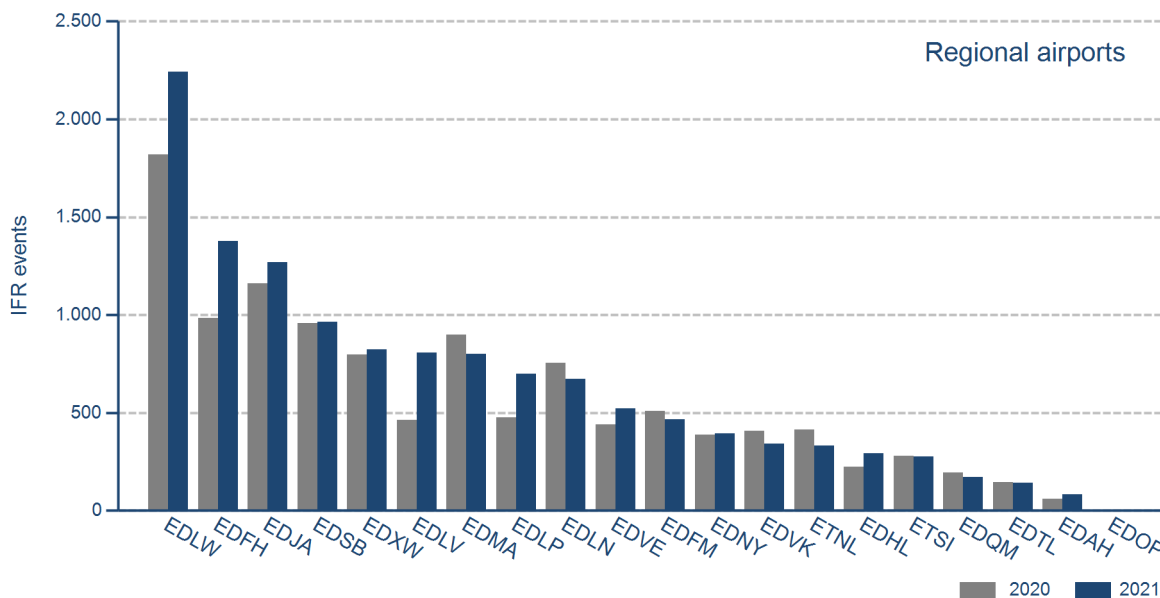
	JUL 2021	Trend	JAN - JUL 2021	Trend
EDAH Heringsdorf	85	44,1%	300	-12,3%
EDFH Frankfurt-Hahn	1.376	39,7%	6.294	0,3%
EDFM Mannheim City	467	-8,4%	2.627	-0,7%
EDHL Lübeck-Blankensee	292	29,8%	1.670	58,4%
EDJA Memmingen	1.270	9,4%	4.757	-5,5%
EDLN Mönchengladbach	673	-10,9%	4.678	31,0%
EDLP Paderborn/Lippstadt	700	46,8%	3.047	4,2%
EDLV Niederrhein	808	74,1%	1.843	3,1%
EDLW Dortmund	2.243	23,2%	8.311	0,1%
EDMA Augsburg	800	-11,0%	4.391	17,3%
EDNY Friedrichshafen	395	1,5%	1.791	-37,9%
EDOP Schwerin-Parchim	0	N/A	0	N/A
EDQM Hof-Plauen	171	-12,3%	779	-2,9%
EDSB Karlsruhe/Baden-Baden	963	0,6%	4.332	-6,4%
EDTL Lahr	142	-3,4%	738	17,3%
EDVE Braunschweig-Wolfsburg	522	18,1%	2.855	-8,3%
EDVK Kassel-Calden	343	-16,1%	1.798	-14,9%
EDXW Sylt	824	3,3%	3.006	15,2%
ETNL Laage	331	-20,2%	2.905	-11,0%
ETSI Ingolstadt/Manching	276	-1,4%	1.387	-23,2%

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



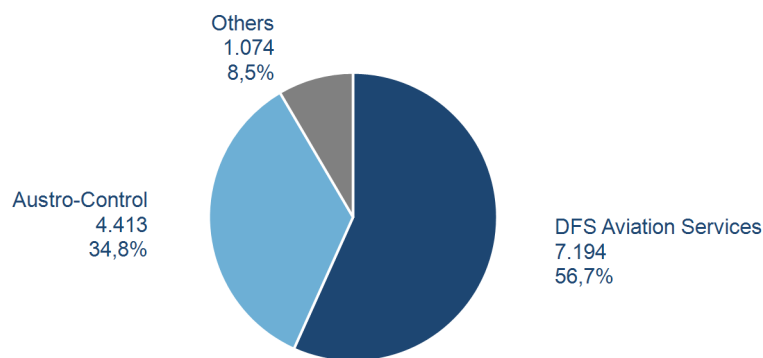
### IFR flights at regional German airports - in detail

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