



PERFORMANCE REPORT 2020 - 2024

# CAPACITY

February 2022



making the difference

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## Description & Analysis

### Europe

Traffic in February was at 70.8% of February 2019 levels. In February, the network traffic was between the low and baseline estimate of EUROCONTROL's traffic scenarios. The closure of Ukrainian airspace from 24 February, followed by European and Russian restrictions, had a huge impact on routes and flight time. On average, the network saw 18,694 flights/day. The peak day was 25 February (21,753 flights) with traffic at 74.4% of 2019 levels. The Charter segment jumped to an increase of 20.7% in February 2022 vs February 2019. Business Aviation and All-Cargo segments increased by 13.3% and 11.7% respectively compared to 2019 levels. Low-Cost airlines added capacity to the network in February, owing to fewer travel restrictions after the Omicron spike; the low-cost segment improved at -34.9% (vs. -43.0% in January 2022). The Traditional Scheduled segment was at -39.0% compared to February 2019.

Ryanair was the busiest carrier in February with on average 1,930 flights/day and was at its 2019 traffic level, followed by Turkish Airlines (1,006 flights/day), easyJet (964 flights/day) and Lufthansa (730 flights/day). The busiest airport was IGA Istanbul (927 flights/day) followed by Amsterdam/Schiphol (899 flights/day), Paris/Charles de Gaulle (853 flights/day) and Madrid/Barajas (800 flights/day). There was a total of 188,891 minutes of ATFM delay in February. The flow measures were mainly at Amsterdam/Schiphol airport due to weather, and in Reims and Paris ACCs due to ATC capacity and staffing shortage. En-route delays accounted for 47.5% these ATFM delays and airports for 52.5%. Network departure and arrival punctuality decreased in February due to weather issues across western Europe. With weather issues in week 07 and week 08, the network excess fuel burn indicator increased to over 5% but remained low compared to 2019. (Source: NM).

### Delays from the passengers' point of view

For February 2022, the Central Office for Delay Analysis (CODA) reported that the average delay per flight on departure was 10 minutes per flight - an increase of 0.3 minutes per flight compared to February 2021. 13% of the total delay can be attributable to air traffic control. Airlines caused 52% of the total delay, resulting from such issues as technical problems, staff shortages or turnaround times that are too tightly scheduled. Airports caused 8% of the delays while the rest (IATA Code 85,86,71-79,97-99) of around 27% can be allocated to other reasons (Source: CODA Dashboard-02-2022, Date 04/04/2022).

### FABEC

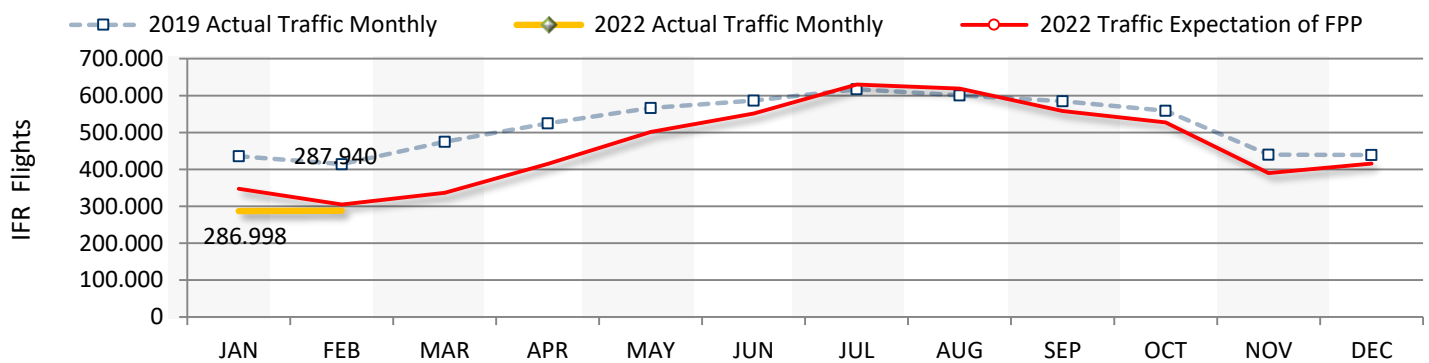
In the FABEC area, traffic decreased by 30.5% in February 2022 compared to the same month in 2019, leading to a 32.4% traffic decrease YTD. Traffic was down in a similar way in all ANSPs, from -36.3% in DFS, -31.5% in MUAC to -25.9 in Skyguide or -23.9% in DSNA. Airport traffic was down to a similar extent (-34.5% in the FABEC area) but with more disparities between ANSPs. Landings decreased by 46.1% in DFS, 33.3% in Skyguide, but "only" 23.7% in DSNA or 21.3% in ANA LUX.

In February 2022, Reims ACC (18 679 min), Paris ACC (16 467 min), Marseille TMA (15 987 min) were the units to generate some en-route ATFM delays. In Reims, delays were due to 'ATC-Capacity' (54%) and 'Staffing' (46%). In Paris, delays were due to 'Staffing' (59%), 'ATC-Capacity' (39%) and 'Aerodrome Capacity' (2%); in Marseille, 'ATC-Capacity' (88%) and 'Staffing' (12%).

Airport ATFM delays were mainly generated in Amsterdam/Schiphol/EHAM (29 710 min) and Samedan/LSZS (6 585 min). In Amsterdam Schiphol, delays were due to 'Weather' (99%) and 'Aerodrome Capacity' (1%); in Samedan, 'Aerodrome Capacity' (69%) and 'Aerodrome Events' (31%).

## FABEC TRAFFIC DEVELOPMENT (*en-route*)

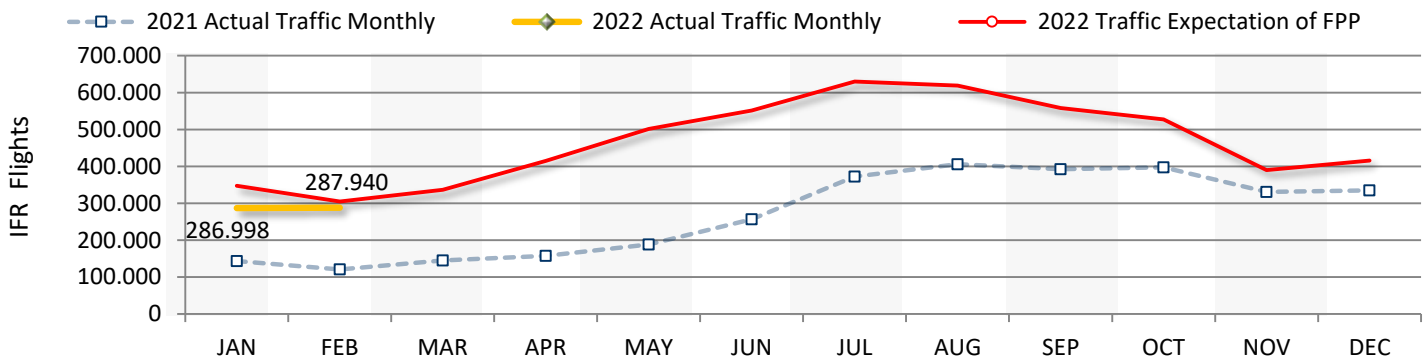
<b>FABEC</b>	<b>JAN</b>	<b>FEB</b>	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	<b>YTD</b>
2019 Actual Traffic Monthly	435.809	414.272	474.729	524.490	566.051	586.281	617.104	600.261	584.310	558.973	439.854	438.590	850.081
2022 Actual Traffic Monthly	<b>286.998</b>	<b>287.940</b>											<b>574.938</b>
<i>Growth (%)</i>	<b>-34,1 %</b>	<b>-30,5 %</b>											<b>-32,4 %</b>
2022 Traffic Expectation of FPP	347.726	304.658	336.891	415.032	501.156	550.951	629.805	619.008	558.312	527.243	390.177	415.683	<b>5.596.638</b>
<i>2022 Traffic Evolution (%)</i>	<b>-17,5 %</b>	<b>-5,5 %</b>											
<i>2022 Traffic Cumulated (%)</i>	<b>-17,5 %</b>	<b>-11,9 %</b>											



	<b>JAN</b>	<b>FEB</b>	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	<b>YTD</b>
<b>skeyes</b>													
2019 Actual Traffic Monthly	46.085	42.458	49.539	53.761	57.702	58.513	62.239	59.274	59.410	57.544	46.709	46.631	88.543
2022 Actual Traffic Monthly	<b>30.799</b>	<b>30.791</b>											<b>61.590</b>
<i>Growth (%)</i>	<b>-33,2 %</b>	<b>-27,5 %</b>											<b>-30,4 %</b>
<b>DFS</b>													
2019 Actual Traffic Monthly	222.009	211.766	240.686	258.289	282.291	286.199	299.444	292.210	291.681	284.915	225.050	223.636	433.775
2022 Actual Traffic Monthly	<b>140.653</b>	<b>134.874</b>											<b>275.527</b>
<i>Growth (%)</i>	<b>-36,6 %</b>	<b>-36,3 %</b>											<b>-36,5 %</b>
<b>DSNA</b>													
2019 Actual Traffic Monthly	221.573	209.836	244.322	283.032	302.429	321.951	340.265	329.402	313.806	292.190	221.663	221.576	431.409
2022 Actual Traffic Monthly	<b>153.679</b>	<b>159.760</b>											<b>313.439</b>
<i>Growth (%)</i>	<b>-30,6 %</b>	<b>-23,9 %</b>											<b>-27,3 %</b>
<b>LVNL</b>													
2019 Actual Traffic Monthly	46.111	44.366	50.512	53.470	57.492	55.907	57.593	57.195	56.974	57.181	47.564	47.298	90.477
2022 Actual Traffic Monthly	<b>32.473</b>	<b>30.879</b>											<b>63.352</b>
<i>Growth (%)</i>	<b>-29,6 %</b>	<b>-30,4 %</b>											<b>-30,0 %</b>
<b>MUAC</b>													
2019 Actual Traffic Monthly	138.773	129.324	147.712	154.875	164.086	166.793	176.133	173.200	168.761	166.082	137.728	139.287	268.097
2022 Actual Traffic Monthly	<b>92.126</b>	<b>88.527</b>											<b>180.653</b>
<i>Growth (%)</i>	<b>-33,6 %</b>	<b>-31,5 %</b>											<b>-32,6 %</b>
<b>Skyguide</b>													
2019 Actual Traffic Monthly	89.334	86.268	99.645	110.651	120.991	127.214	133.394	127.821	124.023	115.533	86.141	89.466	175.602
2022 Actual Traffic Monthly	<b>63.347</b>	<b>63.888</b>											<b>127.235</b>
<i>Growth (%)</i>	<b>-29,1 %</b>	<b>-25,9 %</b>											<b>-27,5 %</b>

## FABEC TRAFFIC DEVELOPMENT (*en-route*)

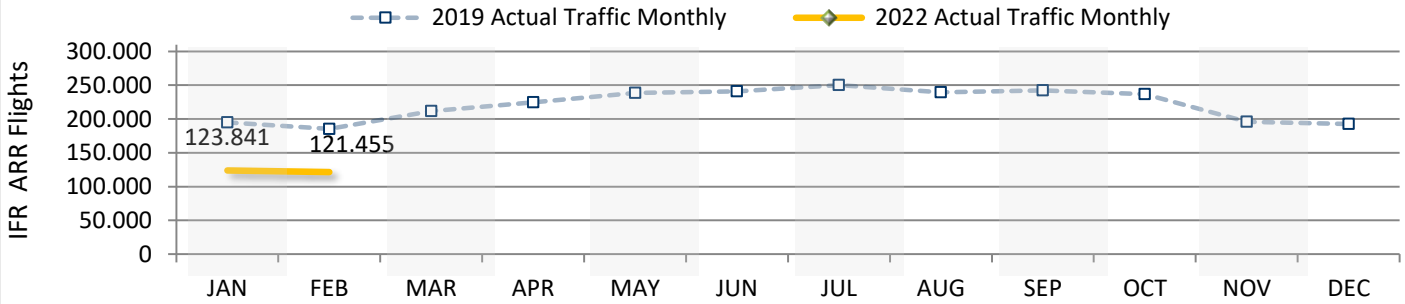
<b>FABEC</b>	<b>JAN</b>	<b>FEB</b>	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	<b>YTD</b>
2021 Actual Traffic Monthly	143.083	120.573	144.799	157.817	188.334	256.840	372.501	405.810	392.000	397.603	330.997	335.045	263.656
2022 Actual Traffic Monthly	<b>286.998</b>	<b>287.940</b>											<b>574.938</b>
Growth (%)	<b>100,6 %</b>	<b>138,8 %</b>											<b>118,1 %</b>
2022 Traffic Expectation of FPP	347.726	304.658	336.891	415.032	501.156	550.951	629.805	619.008	558.312	527.243	390.177	415.683	<b>5.596.638</b>
2022 Traffic Evolution (%)	<b>-17,5 %</b>	<b>-5,5 %</b>											
2022 Traffic Cumulated (%)	<b>-17,5 %</b>	<b>-11,9 %</b>											



	<b>JAN</b>	<b>FEB</b>	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	<b>YTD</b>
<b>skeyes</b>													
2021 Actual Traffic Monthly	16.463	14.094	16.118	17.943	21.059	28.862	39.735	41.471	41.821	42.447	37.123	36.707	30.557
2022 Actual Traffic Monthly	<b>30.799</b>	<b>30.791</b>											<b>61.590</b>
Growth (%)	<b>87,1 %</b>	<b>118,5 %</b>											<b>101,6 %</b>
<b>DFS</b>													
2021 Actual Traffic Monthly	69.223	58.987	73.586	82.028	92.241	121.837	173.210	188.953	188.222	196.416	162.314	162.625	128.210
2022 Actual Traffic Monthly	<b>140.653</b>	<b>134.874</b>											<b>275.527</b>
Growth (%)	<b>103,2 %</b>	<b>128,7 %</b>											<b>114,9 %</b>
<b>DSNA</b>													
2021 Actual Traffic Monthly	74.364	60.927	71.495	78.739	101.198	144.886	217.301	233.949	219.460	218.318	177.239	180.584	135.291
2022 Actual Traffic Monthly	<b>153.679</b>	<b>159.760</b>											<b>313.439</b>
Growth (%)	<b>106,7 %</b>	<b>162,2 %</b>											<b>131,7 %</b>
<b>LVNL</b>													
2021 Actual Traffic Monthly	17.808	13.733	16.695	18.430	21.043	25.726	37.108	40.138	39.398	40.584	36.287	37.132	31.541
2022 Actual Traffic Monthly	<b>32.473</b>	<b>30.879</b>											<b>63.352</b>
Growth (%)	<b>82,4 %</b>	<b>124,9 %</b>											<b>100,9 %</b>
<b>MUAC</b>													
2021 Actual Traffic Monthly	44.474	34.373	41.453	46.276	52.330	69.124	98.093	109.221	110.820	117.451	104.364	108.381	78.847
2022 Actual Traffic Monthly	<b>92.126</b>	<b>88.527</b>											<b>180.653</b>
Growth (%)	<b>107,1 %</b>	<b>157,5 %</b>											<b>129,1 %</b>
<b>Skyguide</b>													
2021 Actual Traffic Monthly	26.405	22.687	28.012	32.619	39.721	54.940	83.886	91.102	86.948	87.464	67.552	71.855	49.092
2022 Actual Traffic Monthly	<b>63.347</b>	<b>63.888</b>											<b>127.235</b>
Growth (%)	<b>139,9 %</b>	<b>181,6 %</b>											<b>159,2 %</b>

## FABEC TRAFFIC DEVELOPMENT (*arrival*)

<b>FABEC</b>	<b>JAN</b>	<b>FEB</b>	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	<b>YTD</b>
2019 Actual Traffic Monthly	194.850	185.420	211.796	224.471	238.490	240.788	250.186	239.483	242.195	236.830	195.678	192.743	380.270
2022 Actual Traffic Monthly	<b>123.841</b>	<b>121.455</b>											<b>245.296</b>
Growth (%)	<b>-36,4 %</b>	<b>-34,5 %</b>											<b>-35,5 %</b>



	<b>JAN</b>	<b>FEB</b>	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	<b>YTD</b>
<b>ANA LUX</b>													
2019 Actual Traffic Monthly	2.728	2.640	3.007	3.285	3.451	3.420	3.410	3.160	3.445	3.466	3.150	3.022	5.368
2022 Actual Traffic Monthly	<b>1.977</b>	<b>2.079</b>											<b>4.056</b>
Growth (%)	<b>-27,5 %</b>	<b>-21,3 %</b>											<b>-24,4 %</b>

	<b>skeyes</b>												<b>YTD</b>
2019 Actual Traffic Monthly	9.804	8.825	10.293	11.083	11.763	11.678	12.607	12.086	12.016	11.632	10.315	9.981	18.629
2022 Actual Traffic Monthly	<b>6.869</b>	<b>6.422</b>											<b>13.291</b>
Growth (%)	<b>-29,9 %</b>	<b>-27,2 %</b>											<b>-28,7 %</b>

	<b>DFS</b>												<b>YTD</b>
2019 Actual Traffic Monthly	78.274	75.894	85.673	88.848	96.254	95.027	98.049	95.422	98.321	97.898	79.529	76.266	154.168
2022 Actual Traffic Monthly	<b>43.112</b>	<b>40.902</b>											<b>84.014</b>
Growth (%)	<b>-44,9 %</b>	<b>-46,1 %</b>											<b>-45,5 %</b>

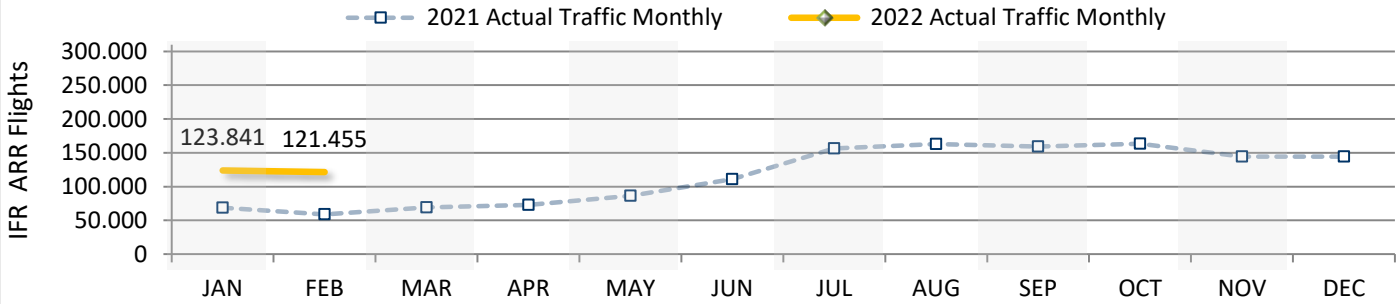
	<b>DSNA</b>												<b>YTD</b>
2019 Actual Traffic Monthly	66.766	63.317	73.401	81.023	84.477	88.656	92.799	86.055	86.206	81.851	67.332	66.631	130.083
2022 Actual Traffic Monthly	<b>46.741</b>	<b>48.317</b>											<b>95.058</b>
Growth (%)	<b>-30,0 %</b>	<b>-23,7 %</b>											<b>-26,9 %</b>

	<b>LVNL</b>												<b>YTD</b>
2019 Actual Traffic Monthly	18.998	18.021	20.363	21.455	22.973	22.330	22.933	23.046	22.639	22.777	19.390	19.628	37.019
2022 Actual Traffic Monthly	<b>13.532</b>	<b>12.586</b>											<b>26.118</b>
Growth (%)	<b>-28,8 %</b>	<b>-30,2 %</b>											<b>-29,4 %</b>

	<b>Skyguide</b>												<b>YTD</b>
2019 Actual Traffic Monthly	18.280	16.723	19.059	18.777	19.572	19.677	20.388	19.714	19.568	19.206	15.962	17.215	35.003
2022 Actual Traffic Monthly	<b>11.610</b>	<b>11.149</b>											<b>22.759</b>
Growth (%)	<b>-36,5 %</b>	<b>-33,3 %</b>											<b>-35,0 %</b>

## FABEC TRAFFIC DEVELOPMENT (*arrival*)

<b>FABEC</b>	<b>JAN</b>	<b>FEB</b>	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	<b>YTD</b>
2021 Actual Traffic Monthly	68.659	58.760	68.964	72.701	86.147	110.821	156.460	162.963	159.362	163.411	144.145	144.342	127.419
2022 Actual Traffic Monthly	<b>123.841</b>	<b>121.455</b>											<b>245.296</b>
Growth (%)	<b>80,4 %</b>	<b>106,7 %</b>											<b>92,5 %</b>



	<b>JAN</b>	<b>FEB</b>	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	<b>YTD</b>
<b>ANA LUX</b>													
2021 Actual Traffic Monthly	1.307	1.097	1.270	1.451	1.677	1.957	2.362	2.447	2.603	2.694	2.449	2.534	2.404
2022 Actual Traffic Monthly	<b>1.977</b>	<b>2.079</b>											<b>4.056</b>
Growth (%)	<b>51,3 %</b>	<b>89,5 %</b>											<b>68,7 %</b>

	<b>skeyes</b>												<b>YTD</b>
2021 Actual Traffic Monthly	4.154	3.655	4.074	4.379	5.095	6.322	8.419	8.799	8.622	8.480	8.042	8.000	7.809
2022 Actual Traffic Monthly	<b>6.869</b>	<b>6.422</b>											<b>13.291</b>
Growth (%)	<b>65,4 %</b>	<b>75,7 %</b>											<b>70,2 %</b>

	<b>DFS</b>												<b>YTD</b>
2021 Actual Traffic Monthly	20.815	18.158	23.398	25.886	28.960	36.973	52.200	55.684	57.467	61.619	53.725	51.093	38.973
2022 Actual Traffic Monthly	<b>43.112</b>	<b>40.902</b>											<b>84.014</b>
Growth (%)	<b>107,1 %</b>	<b>125,3 %</b>											<b>115,6 %</b>

	<b>DSNA</b>												<b>YTD</b>
2021 Actual Traffic Monthly	30.058	26.603	29.318	28.379	35.836	47.349	65.705	66.191	61.823	60.497	53.878	54.776	56.661
2022 Actual Traffic Monthly	<b>46.741</b>	<b>48.317</b>											<b>95.058</b>
Growth (%)	<b>55,5 %</b>	<b>81,6 %</b>											<b>67,8 %</b>

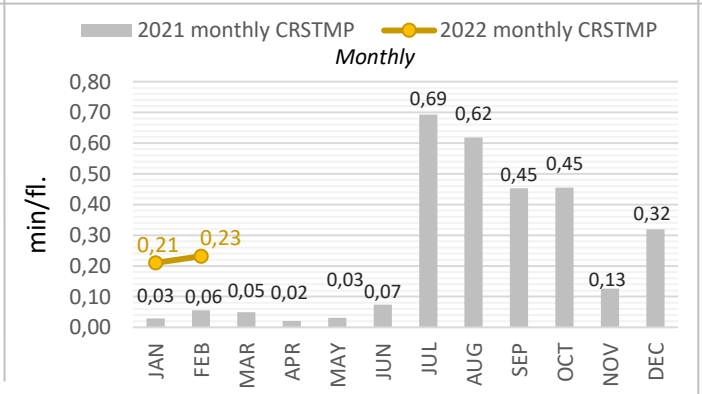
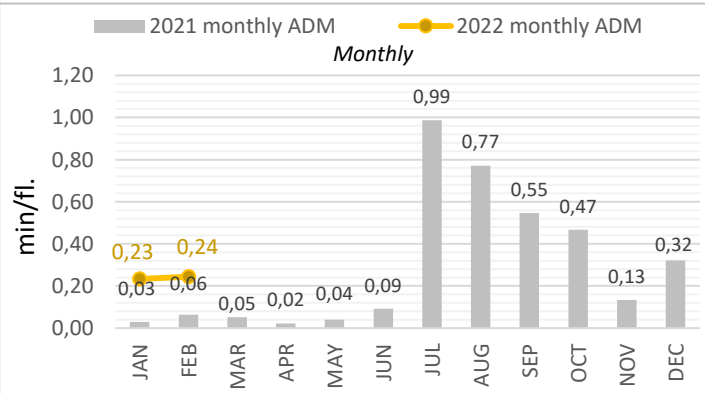
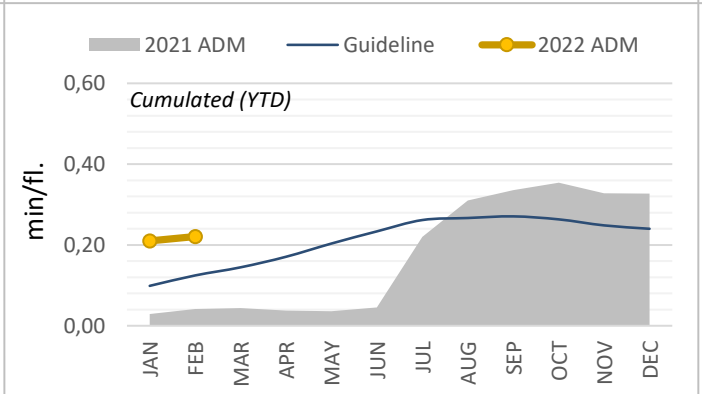
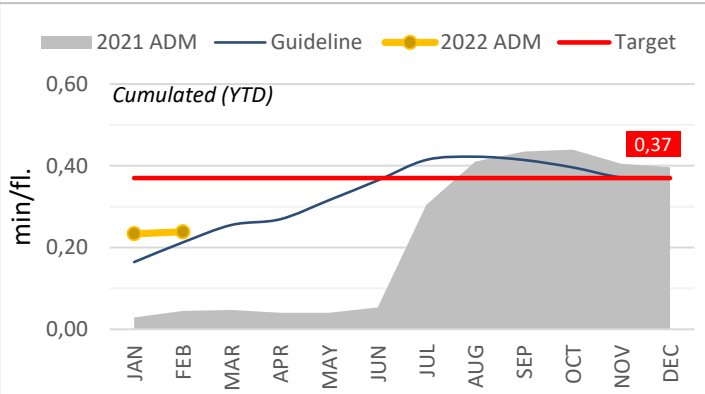
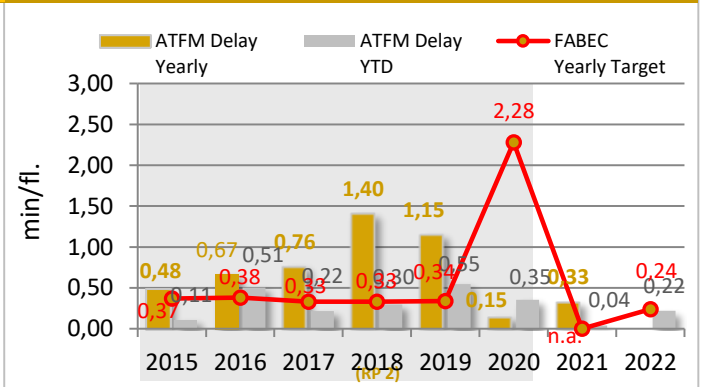
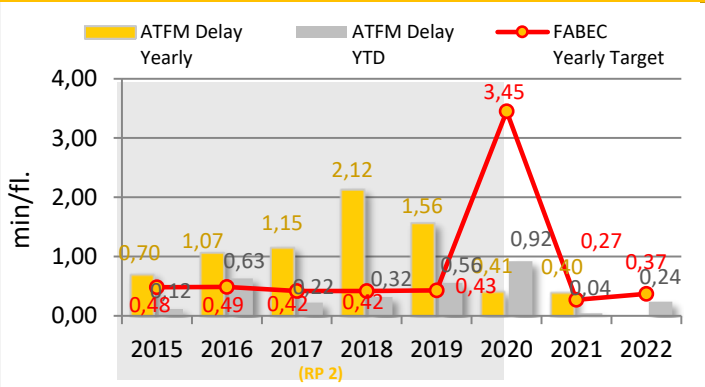
	<b>LVNL</b>												<b>YTD</b>
2021 Actual Traffic Monthly	7.583	5.531	6.437	7.215	8.290	10.212	15.217	16.532	15.854	16.496	14.858	15.667	13.114
2022 Actual Traffic Monthly	<b>13.532</b>	<b>12.586</b>											<b>26.118</b>
Growth (%)	<b>78,5 %</b>	<b>127,6 %</b>											<b>99,2 %</b>

	<b>Skyguide</b>												<b>YTD</b>
2021 Actual Traffic Monthly	4.742	3.716	4.467	5.391	6.289	8.008	12.557	13.310	12.993	13.625	11.193	12.272	8.458
2022 Actual Traffic Monthly	<b>11.610</b>	<b>11.149</b>											<b>22.759</b>
Growth (%)	<b>144,8 %</b>	<b>200,0 %</b>											<b>169,1 %</b>

## KPI #1: En-route ATFM delay per controlled flight (FABEC)

	YTD 2022	YTD 2021		YTD 2022	YTD 2021
<b>En-route Delay All causes</b>	<b>0,24</b>	0,92	<b>En-route Delay CRSTMP causes</b>	<b>0,22</b>	0,35
FABEC Target (yearly value)	<b>0,37</b>		FABEC Target (yearly value)	<b>0,24</b>	
Guideline	0,21		Guideline	0,12	
Minute ('000) ALL causes	<b>137</b>	12	Minute ('000) CRSTMP causes	<b>127</b>	11
Diff. 2022 - 2021	+ 1065,2 %		Diff. 2022 - 2021	+ 1072 %	
Traffic ('000)	<b>575</b>	264	<i>Potential savings (*) due to underbid the delay Target (all Causes) in Mio EURO (YTD) + 0,02</i>		
Diff. 2022 - 2021	+ 118,1 %		* Cost of ATFM-delay per min = 87 €		

### All Delay Causes CRSTMP Delay Causes



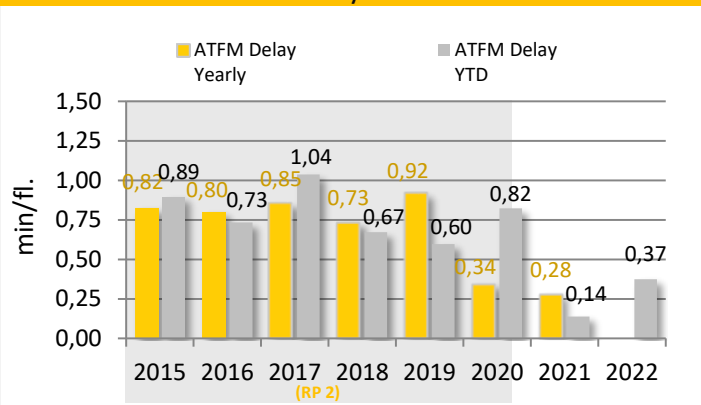
The guideline for the en-route ATFM delay per movement is a basic cumulative extrapolation of the previous three years monthly allocation and is designed to give an impression, how the YTD figures should be, in order to reach the yearly 2022 published targets (0,37 min per flight for all delay causes and 0,24 min per flight for the delay causes CRSTMP).



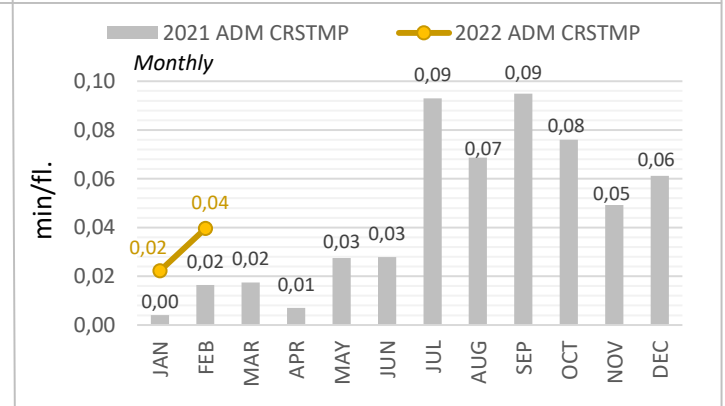
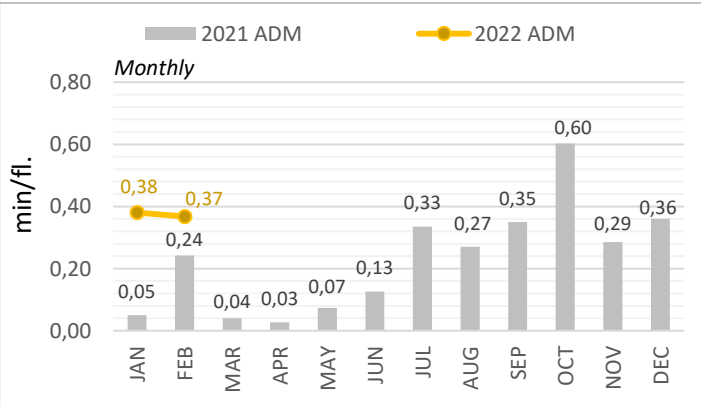
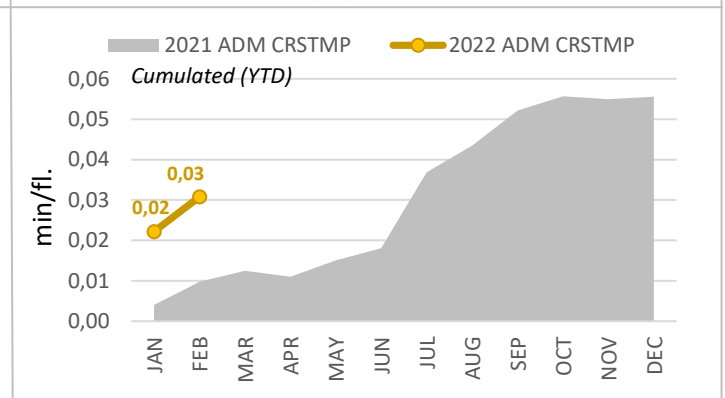
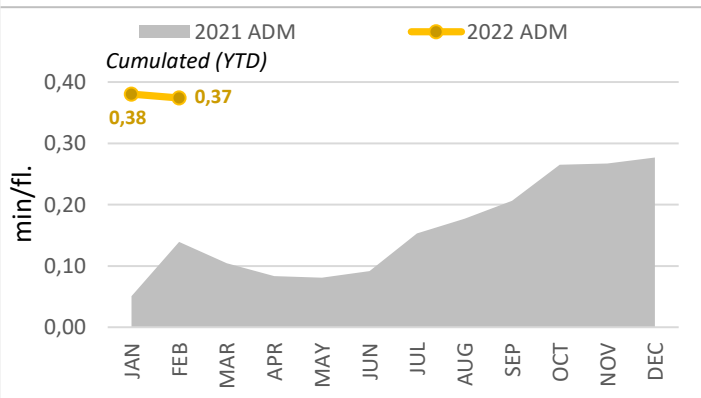
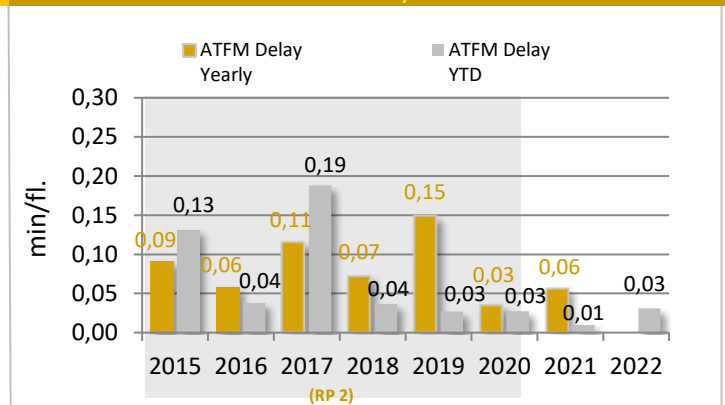
## KPI #2: Arrival ATFM delay per controlled flight (FABEC)

	YTD 2022	YTD 2021	YTD 2022	YTD 2021
<b>Arrival Delay All causes</b>	<b>0,37</b>	0,82	<b>0,03</b>	0,03
Diff. 2022 - 2021	- 55 %		+ 12 %	
<b>Minute ('000) ALL causes</b>	<b>92</b>	18	<b>8</b>	1
Diff. 2022 - 2021	+ 418 %		+ 507 %	
<b>Traffic ('000)</b>	<b>245</b>	127		
Diff. 2022 - 2021	+ 92,5 %			

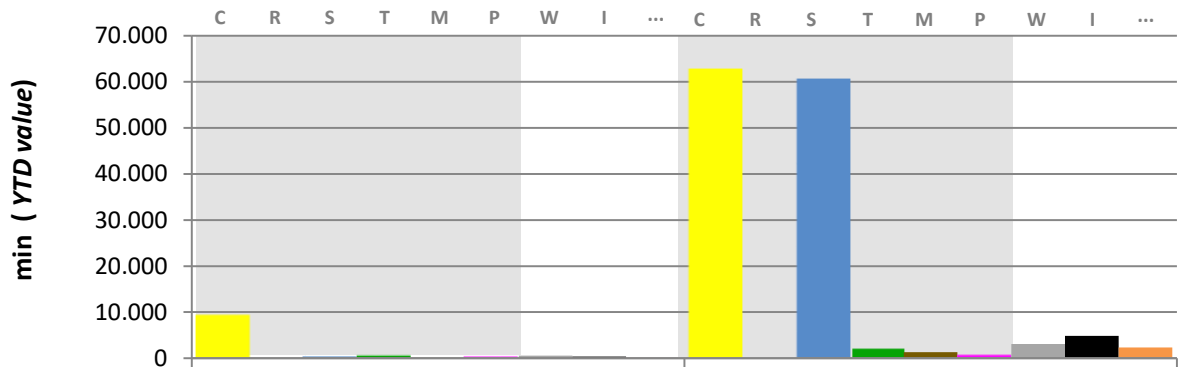
### All Delay Causes



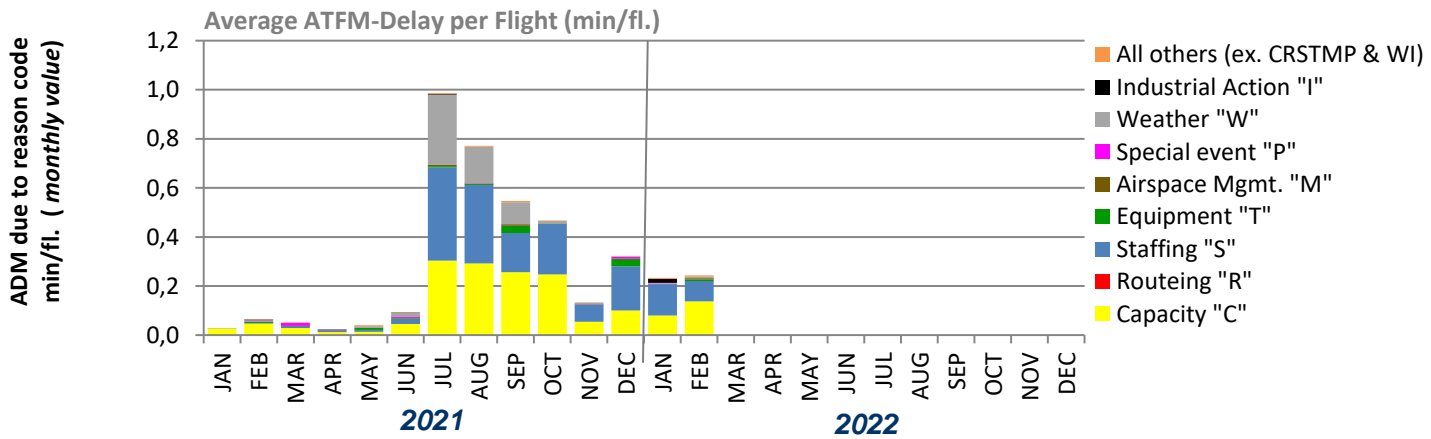
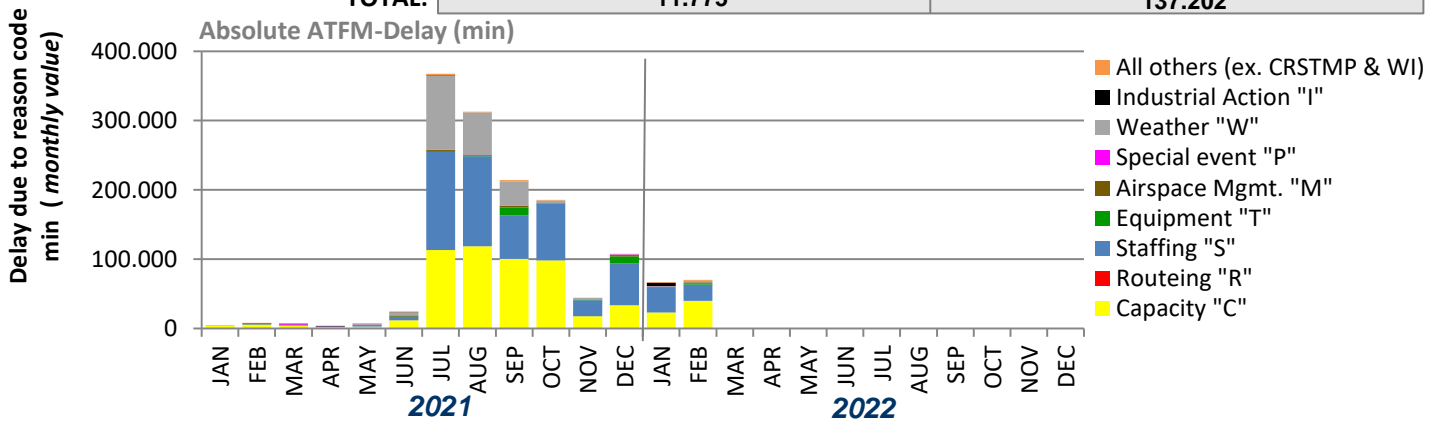
### CRSTMP Delay Causes



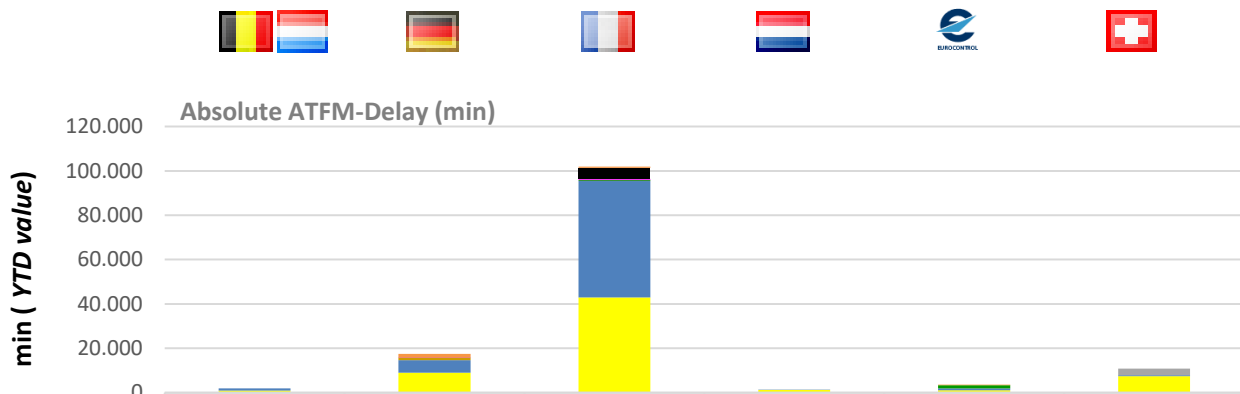
## KPI #1: En-route ATFM delay per reason code (FABEC)



Delay due to reason code:	2021	2022
Capacity "C"	9.508	62.731
Routeing "R"	0	0
Staffing "S"	454	60.464
Equipment "T"	553	1.867
Airspace Mgmt. "M"	22	1.300
Special event "P"	293	573
Weather "W"	591	3.095
Industrial Action "I"	338	4.848
All others (ex. CRSTMP & WI)	16	2.324
<b>CRSTMP:</b>	<b>10.830</b>	<b>126.935</b>
<b>TOTAL:</b>	<b>11.775</b>	<b>137.202</b>



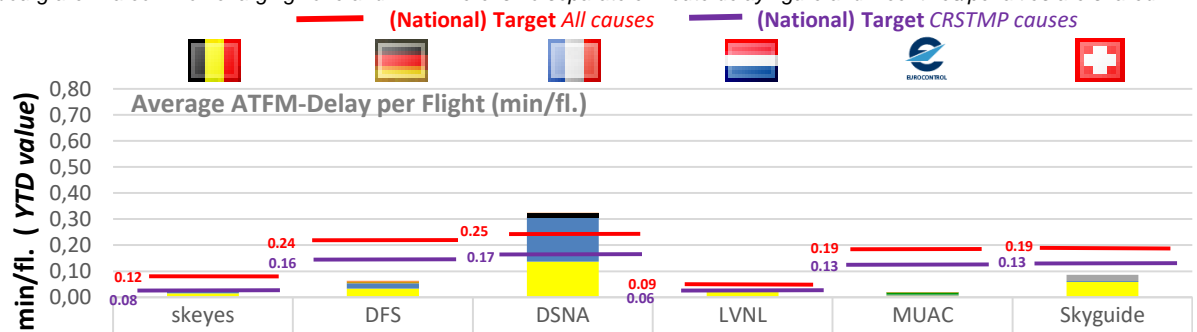
## KPI #1: En-route ATFM delay per controlled flight (ANSP)



	skeyes	DFS	DSNA	LVNL	MUAC	Skyguide
All others (ex. CRSTMP & WI)		1.527	606		191	
Industrial Action "I"			4.848			
Weather "W"			125			2.970
Special event "P"		37	536			
Airspace Mgmt. "M"		1.248			52	
Equipment "T"			416		1.451	
Staffing "S"	1.004	5.705	52.368	26	847	514
Routeing "R"						
Capacity "C"	924	9.022	42.996	1.278	1.103	7.408

<b>CRSTMP:</b>	<b>1.928</b>	<b>16.012</b>	<b>96.316</b>	<b>1.304</b>	<b>3.453</b>	<b>7.922</b>
<b>TOTAL:</b>	<b>1.928</b>	<b>17.539</b>	<b>101.895</b>	<b>1.304</b>	<b>3.644</b>	<b>10.892</b>

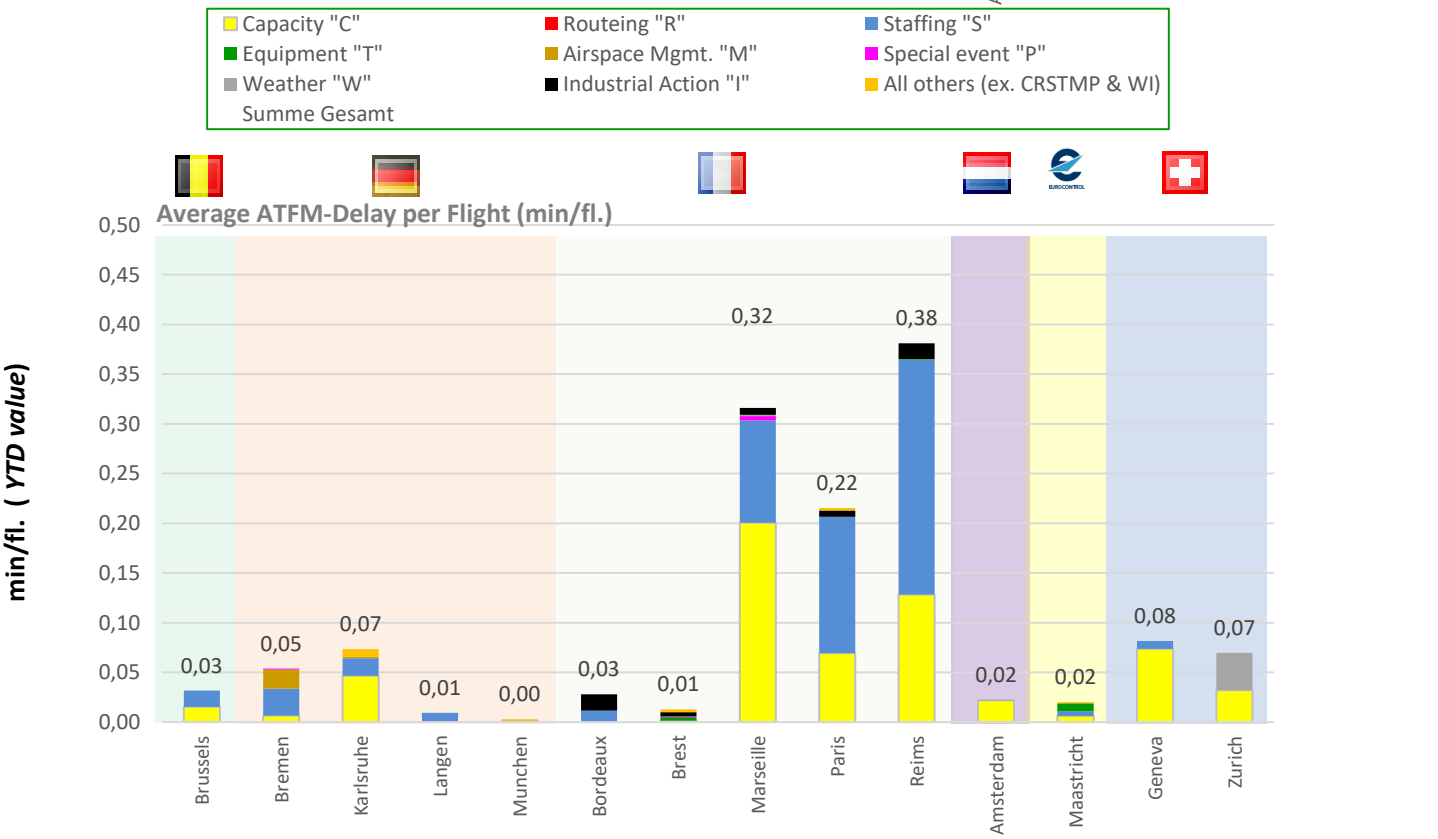
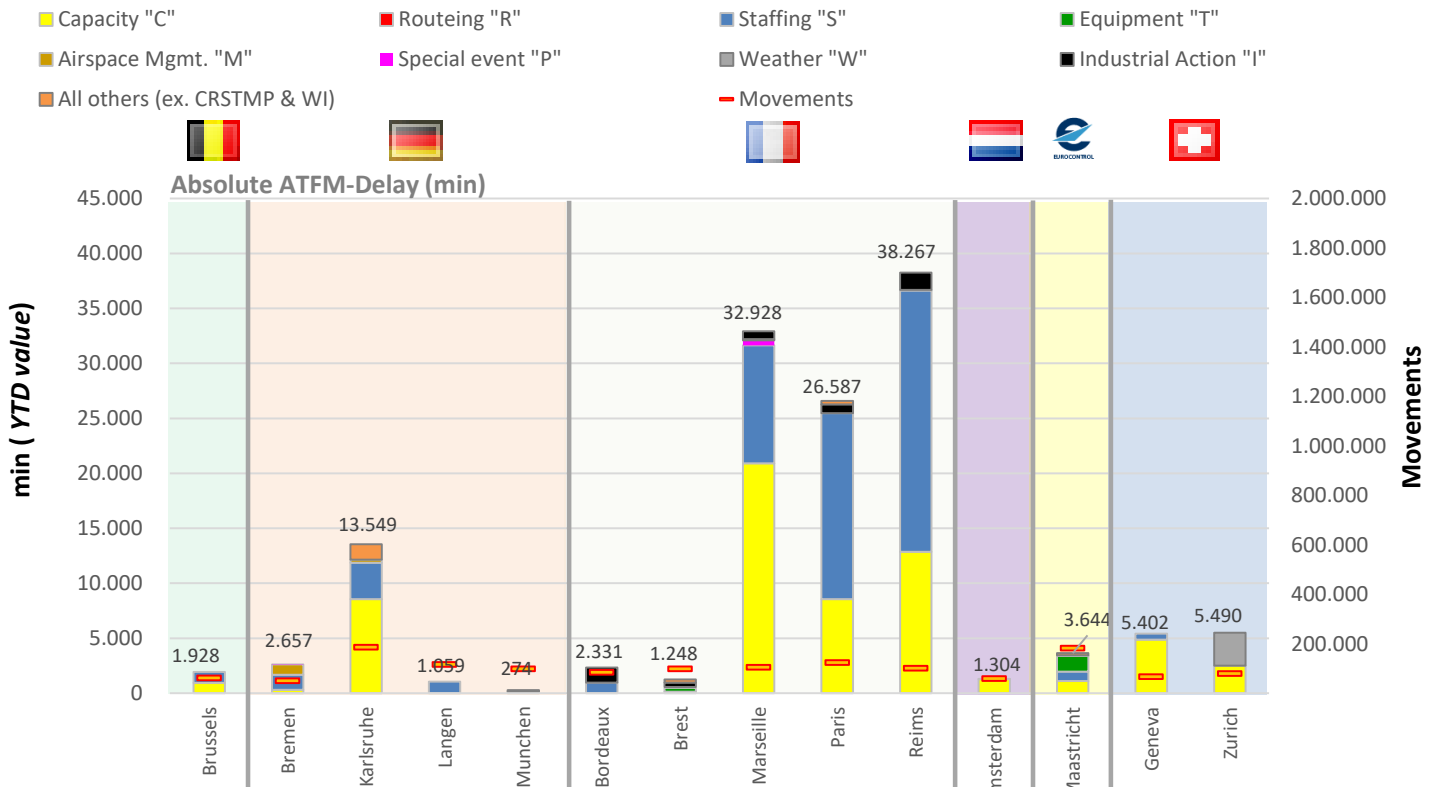
\*Belgium and Luxembourg are in a common charging zone and FIR. There is no separate en-route delay figure and incentives/penalties are shared.



	skeyes	DFS	DSNA	LVNL	MUAC	Skyguide
All others (ex. CRSTMP & WI)		0,01	0,00	0,00	0,00	
Industrial Action "I"			0,02			
Weather "W"		0,00	0,00	0,00	0,00	0,02
Special event "P"		0,00	0,00	0,00		0,00
Airspace Mgmt. "M"		0,00			0,00	
Equipment "T"		0,00	0,00		0,01	
Staffing "S"	0,02	0,02	0,17	0,00	0,00	0,00
Routeing "R"						
Capacity "C"	0,02	0,03	0,14	0,02	0,01	0,06

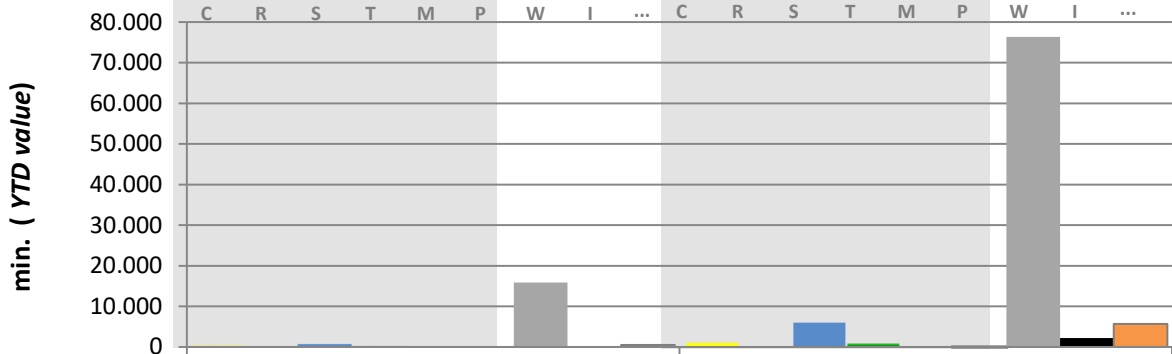
<b>CRSTMP:</b>	<b>0.03</b>	<b>0.06</b>	<b>0.31</b>	<b>0.02</b>	<b>0.02</b>	<b>0.06</b>
<b>TOTAL:</b>	<b>0.03</b>	<b>0.06</b>	<b>0.33</b>	<b>0.02</b>	<b>0.02</b>	<b>0.09</b>

## KPI #1: En-route ATFM delay per controlled flight (ACC)

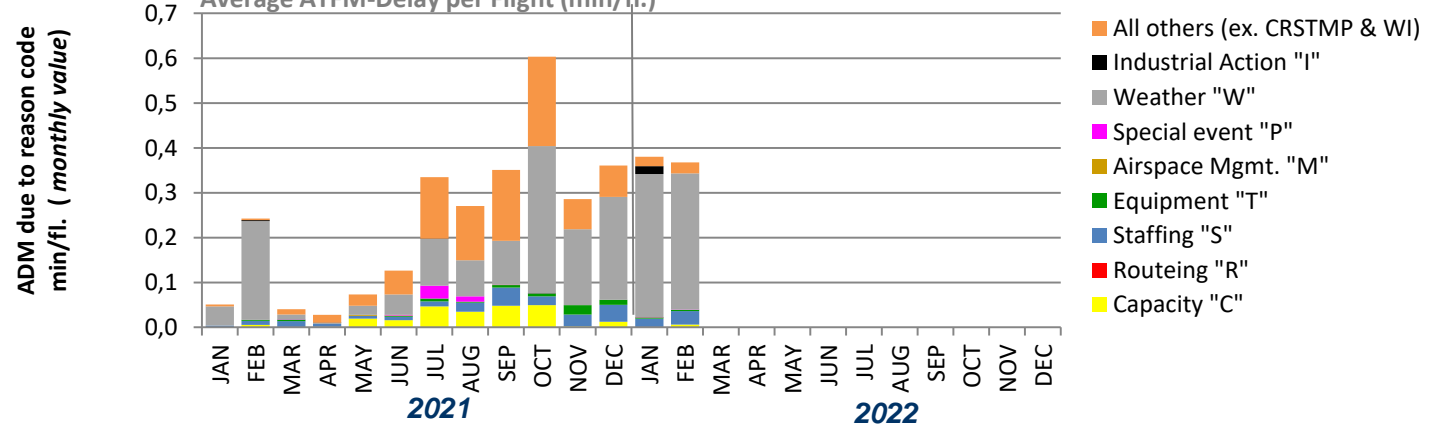
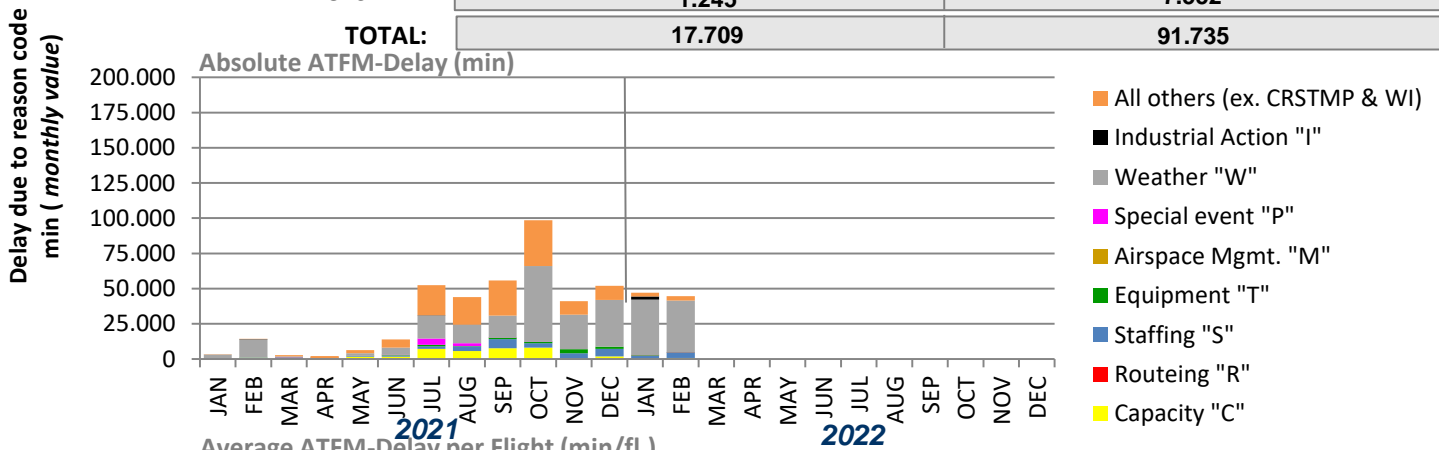


## KPI #2: Arrival ATFM delay per reason code (FABEC)

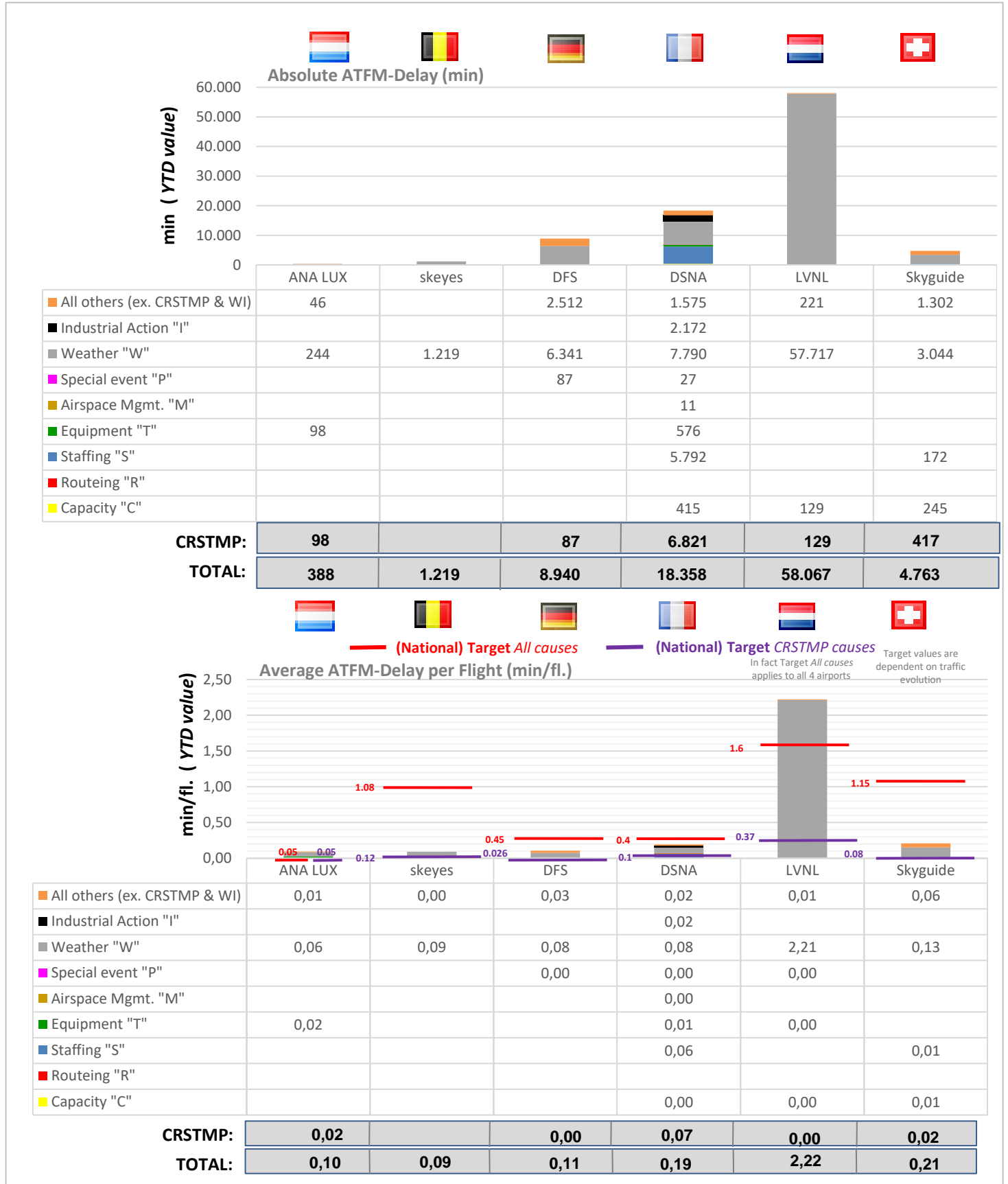
Absolute ATFM-Delay (min)



Delay due to reason code:	2021	2022
Capacity "C"	297	789
Routeing "R"	0	0
Staffing "S"	810	5.964
Equipment "T"	138	674
Airspace Mgmt. "M"	0	11
Special event "P"	0	114
Weather "W"	15.850	76.355
Industrial Action "I"	101	2.172
All others (ex. CRSTMP & WI)	513	5.656
<b>CRSTMP:</b>	<b>1.245</b>	<b>7.552</b>
<b>TOTAL:</b>	<b>17.709</b>	<b>91.735</b>



## KPI #2: Arrival ATFM delay per controlled flight (ANSP)



## Glossary

### KPI #1:

KPI #1 is set by IR (EU) 2019/317 and is expressed in minutes per flight. The EU-wide targets set for RP3 for this indicator are for 2020: 0.9 min/fl., 2021: 0.35 min/fl., 2022: 0.5 min/fl., 2023: 0.5 min/fl., 2024: 0.5 min/fl.

The targets set at FABEC level are as follows for the indicator 'En-route ATFM delay (all regulation causes) per controlled flight' for 2020: 3.45 min/fl., 2021: 0.27 min/fl., 2022: 0.37 min/fl., 2023: 0.37 min/fl., 2024: 0.37 min/fl.

The targets set at FABEC level are as follows for the indicator 'En-route ATFM delay (CRSTMP regulation causes) per controlled flight' for 2020: n.a., 2021: n.a., 2022: 0.24 min/fl., 2023: 0.24 min/fl., 2024: 0.24 min/fl.

### KPI #2:

KPI #2 is set by IR (EU) 2019/317 and is expressed in minutes per flight. For this indicator, no targets have been defined at EU and FABEC level for RP3. The targets have been set at local level.

Cause	CODE	Guidelines for Application
ATC Capacity	<b>C</b>	En Route: Demand exceeds or complexity reduces declared or expected ATC capacity Airport: Demand exceeds declared or expected ATC capacity.
ATC Industrial Action	<b>I</b>	Reduction in any capacity due to industrial action by ATC staff
ATC Routeings	<b>R</b>	Network solutions / scenarios used to balance demand and capacity
ATC Staffing	<b>S</b>	Unplanned staff shortage reducing expected capacity.
ATC Equipment	<b>T</b>	Reduction of expected or declared capacity due to the non-availability or degradation of equipment used to provide an ATC service.
Accident / Incident	<b>A</b>	Reduction of expected ATC capacity due to an aircraft accident / incident.
Aerodrome Capacity	<b>G</b>	Reduction in declared or expected capacity due to the degradation or non-availability of infrastructure at an airport. e.g. Work in Progress, shortage of aircraft stands etc. Or when demand exceeds expected aerodrome capacity.
Equipment NON ATC- to be Aerodrome Services	<b>E</b>	Reduced capacity due to the degradation or non-availability of support equipment at an airport e.g. Fire Service, De-icing / snow removal equipment or other ground handling equipment.
Industrial Action NON ATC	<b>N</b>	A reduction in expected / planned capacity due to industrial action by non ATC personnel.
Airspace Management	<b>M</b>	Reduction in declared or expected capacity following changes in airspace / route availability due to small scale military activity.
Special Event	<b>P</b>	Reduction in planned, declared or expected capacity or when demand exceeds the above capacities as a result of a major sporting, governmental or social event. It may also be used for ATM system upgrades and transitions. Large multinational military exercises may also use this reason. This category should only be used with prior approval during the planning process.
Weather	<b>W</b>	Reduction in expected capacity due to any weather phenomena. This includes where weather impacts airport infrastructure capacity, but where aerodrome services are operating as planned / expected.
Environmental Issues	<b>V</b>	Reduction in any capacity or when demand exceeds any capacity due to agreed local noise, runway usage or similar procedures. This category should only be used with prior agreement in the planning process.
Other	<b>O</b>	This should only be used in exceptional circumstances when no other category is sufficient. An explanatory ANM remark MUST be given to allow post ops analysis.

### CRSTMP:

ATC Capacity (**C**), ATC Routeings (**R**), ATC Staffing (**S**), ATC Equipment (**T**), Airspace Management (**M**), Special Event (**P**); a set of regulation codes which are defined in the Common Charging Scheme Regulation (IR 2019/317) and subject to financial incentive.

**Note:** Arrival figures (traffic and delay) do only include EBBR and EBLG for Belgium and only EHAM for the Netherlands.

### TABLE OF ABBREVIATIONS

**ADM** - Average en-route ATFM Delay per Movement  
**ANSP** - Air Navigation Service Provider  
**ATFM** - Air Traffic Flow Management  
**ANM** - Aeronautical Notification Message  
**FABEC** - Functional Airspace Block Europe Central

**ATM** - Air Traffic Management  
**PRU** - Performance Review Unit  
**YTD** - Year to Date value  
**FPP** - FABEC Performance Plan  
**CODA** - Central Office for Delay Analysis

## FABEC Performance Report Capacity:

Editor: FABEC PMG

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Status: February 2022

[www.FABEC.eu](http://www.FABEC.eu)

### Notice

The FABEC PMG has made every effort to ensure that the information and analysis contained in this document are as accurate and complete as possible.

Only information from quoted sources has been used and information relating to named parties has been checked with the parties concerned.

Despite these precautions, should you find any errors or inconsistencies we would be grateful if you could please bring them to the FABEC PMG's attention.