



AIR TRANSPORT TREND BULLETIN



News : They talk about us !

“WORLD TRAFFIC UNDER THE MICROSCOPE”

Aviation Civile Magazine, in its “Essential” section, mentions France Aviation Civile Services and ATD Analytics for its analysis capabilities and its new product!

To see the article (in French):

https://www.ecologie.gouv.fr/sites/default/files/magazine_aviation_civile_octobre2022_n395.pdf

Coming soon : ATD Analytics Training Webinar

Training to analyze and understand air traffic data!

Air traffic, with the current economic situation as we know it, has been trying to return to normality for 3 years now and it has become essential to be able to analyze it and understand its evolution. Since October 2021, we have launched an air transport analytical e-platform, ATD Analytics. It allows to research and acknowledge the statistics of the traffic flow of the last decade.

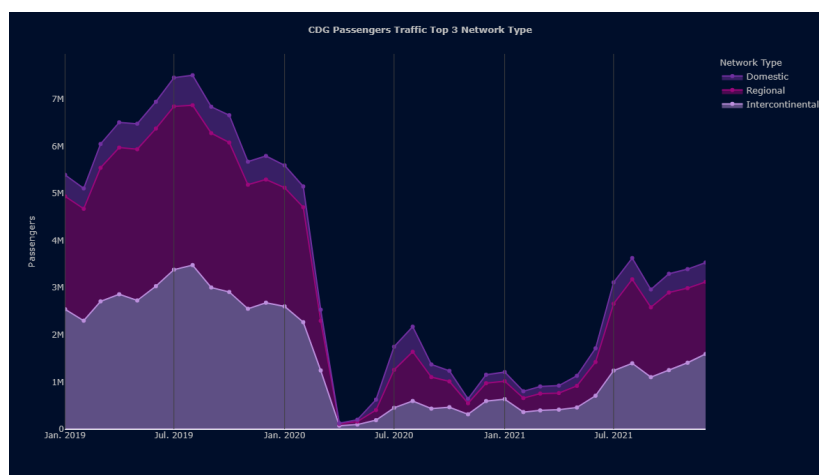
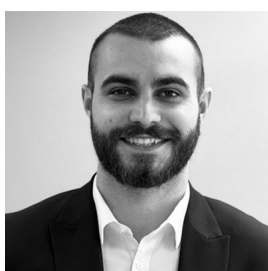
We invite you to participate in our webinars that will introduce you to how our tool works and what can be done with it. These online seminars will cover a quick presentation of ATD Analytics in order to explain how to get started and use the e-platform as well as how to carry out a query, then extract and exploit its content. You will also present you the extent of the data coverage and the different statistics we have, namely passengers, freight and movements.

You can now register for the first session which will take place on Wednesday,

November 30 from 11:00 a.m to 11:45 (UTC+2) in French and will have as subject :

« How to analyze passengers data with ATD Analytics ? ».

Registration is free and can be done with our sales representative, **Théo Castex**, who will be hosting this webinar in person.





AIR TRANSPORT TREND BULLETIN



Main traffic flows Europe-World in 2021

In this quarterly publication (next in January) you will find facts and figures about the civil aviation industry, based on data extracted from our air transport databases (ATD).

If you missed the last issue, you can consult it by following this link :

Q1 2022 first results and main airlines fleets

This quarter you will find :

- Main airlines Q2 2022 traffic results with 2021/22 comparison
- Main traffic flows 2021 (city-pairs) between Europe and the rest of the World by regions
- Top 15 airports by passenger traffic, aircrafts movements and cargo for Q2 2022
- Airlines Q2 2022 orders and deliveries with 2021/22 evolution

We wish you will enjoy reading us!

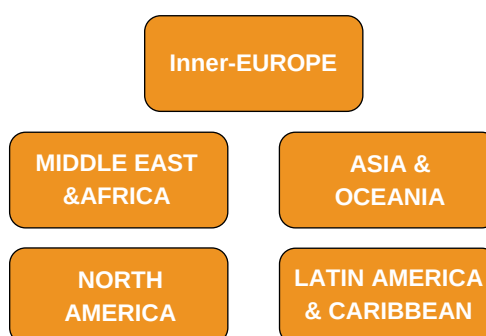
Any question or suggestion concerning this publication or the databases are welcome at :

atd@fracs.aero

Summary

1 - Main Airlines' traffic Q2 2022

2 - Main traffic flows Europe -World by regions



3 - Main Airport's traffic Q2 2022 - Top 15

4 - Airlines Orders and Deliveries Q2 2022

5 - Our Databases and Services





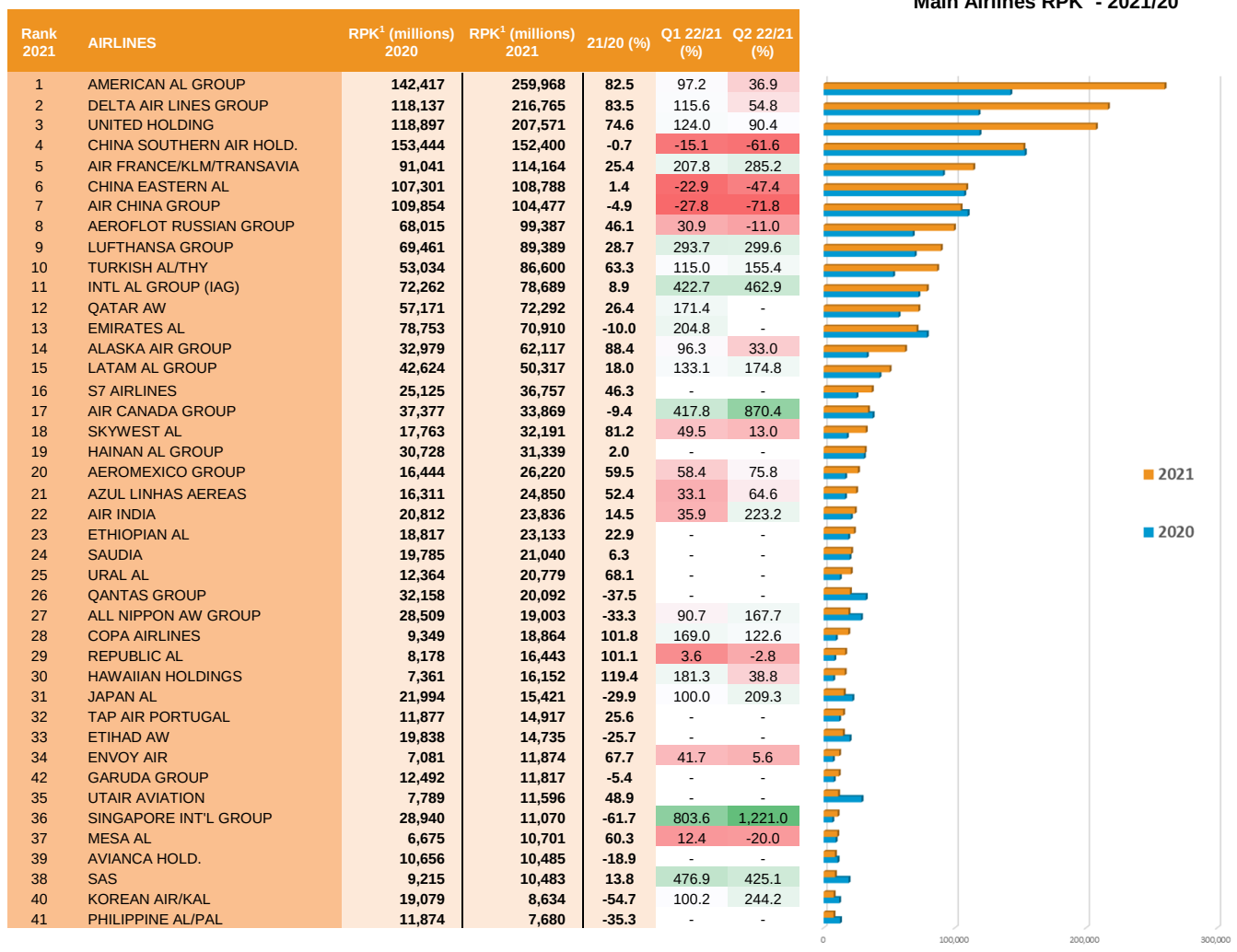
AIR TRANSPORT TREND BULLETIN



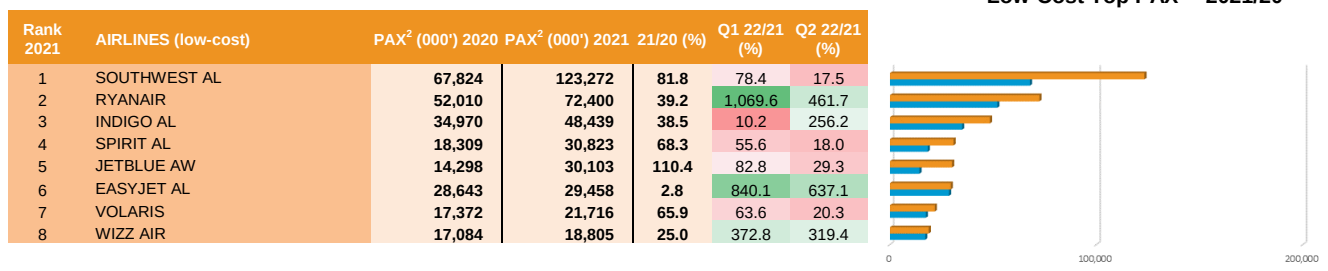
Main Airlines' traffic Q2 2022

The trend for the second quarter of 2022 is green for a large majority of airlines in North America and Europe, showing encouraging signs of recovery. The situation for Asian airlines, and more particularly Chinese airlines, remains difficult, with some airlines showing negative year-on-year tendency. Air India shows a peak in activity in the second quarter, compensating for a more mixed start to the year.

Main Airlines RPK¹ - 2021/20



Low-Cost Top PAX² - 2021/20



¹ Revenue Passenger-Kilometers
² Revenue Passengers carried

Sources : FRACS Air transport database



AIR TRANSPORT TREND BULLETIN



Main traffic flows Europe-World by region in 2021

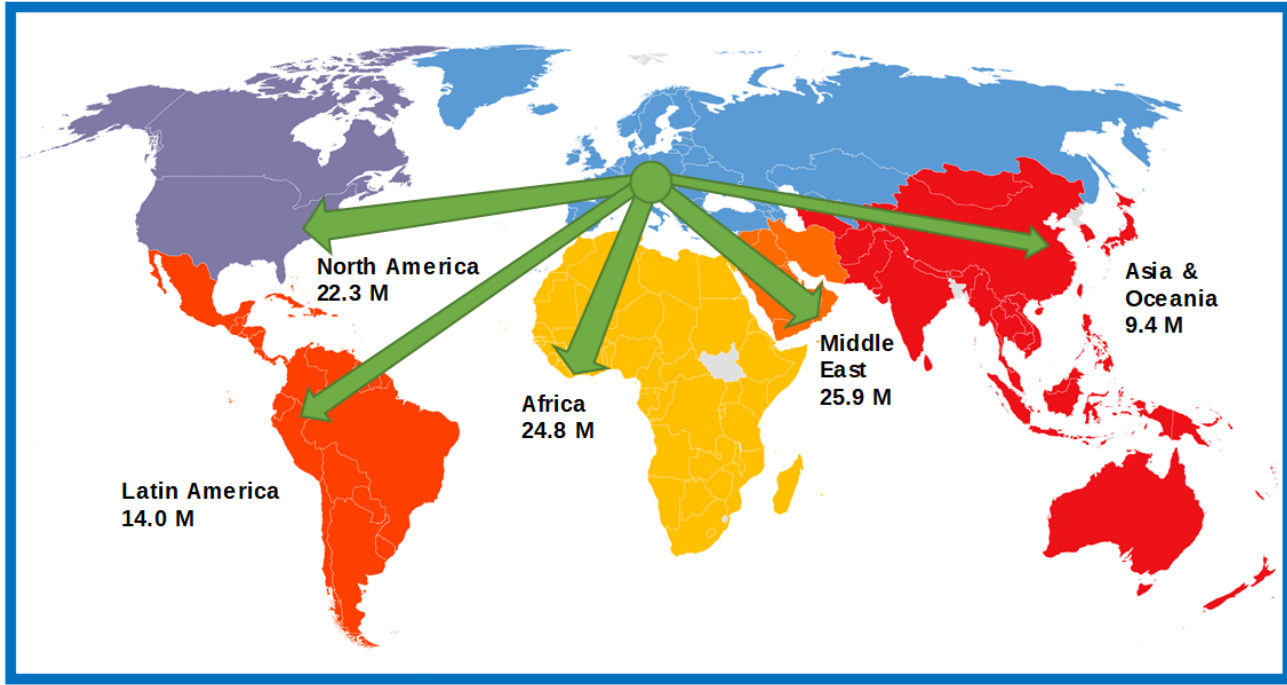
This is the distribution of air passenger traffic between Europe* and the rest of the world in 2020 by region.

These numbers are the total of passengers in both directions (e.g. Africa = from Europe to Africa + from Africa to Europe) based on nearly 5200 airport-pairs results.

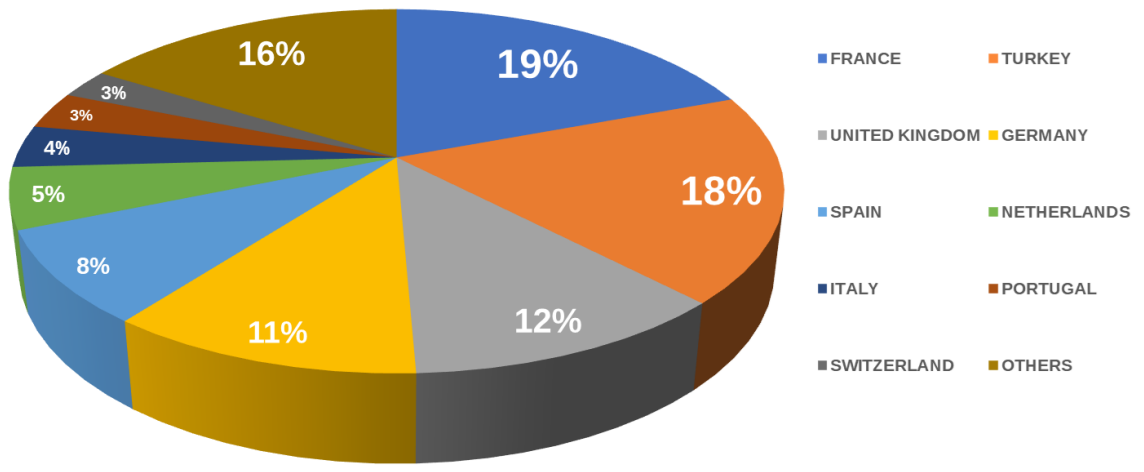
Local passengers only : Passengers joining or leaving an aircraft at the reporting airport, even if they are continuing their journey on another aircraft carrying the same flight number.

	PAX 2021	% 21/20	% 21/19
Middle East	25,867,781	49.5	-67.9
Africa	24,783,670	35.1	-60.8
North America	22,291,198	32.8	-76.0
Latin America	14,006,541	54.6	-58.1
Asia & Oceania	9,358,994	-30.0	-85.1
Total*	96,308,184	28.6	-71.1

*Russian intl. data not complete



Europe intercontinental traffic distribution 2021



Sources : FRACS Air transport database



AIR TRANSPORT TREND BULLETIN



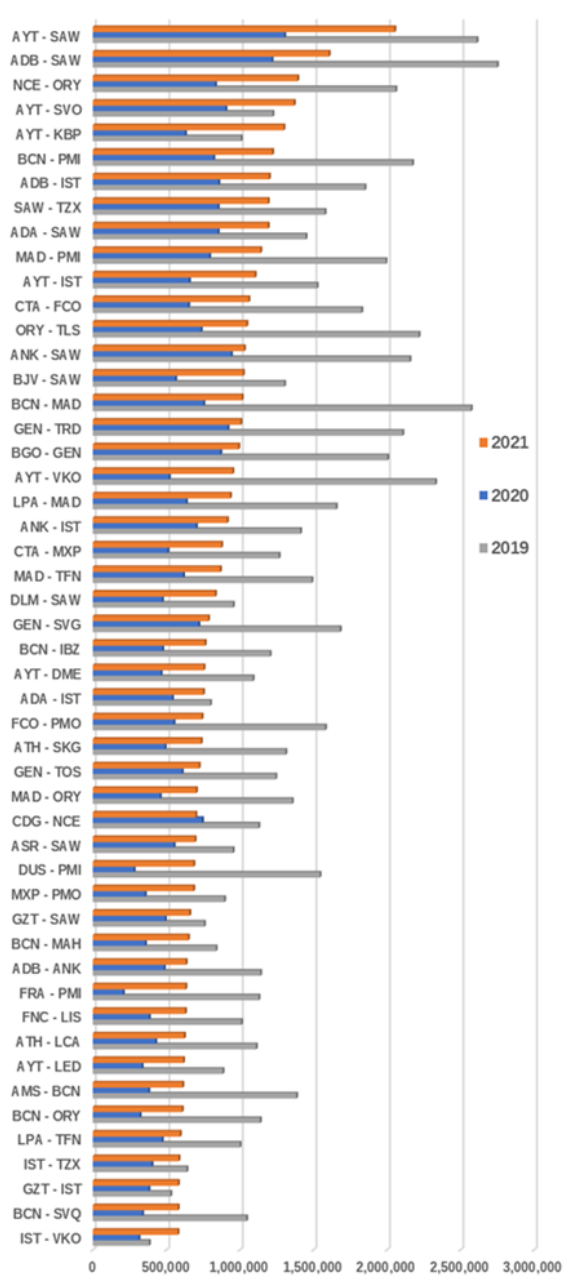
EUROPE

Main city-pairs 2021

by regions

The European ranking is largely dominated by traffic from Türkiye, the leader in the region, with the leading domestic and intra-European routes. Although the indicators are positive compared to the figures of 2020, it is still difficult for traffic to return to its pre-crisis levels. A notable exception is Turkish airports, which are experiencing a faster recovery in traffic, with Istanbul consolidating its new position as the leader in Europe. In France, the Orly-Nice route is growing at the expense of CDG-Nice.

Type	City / Airport	City / Airport	Dist. KM	2021	% 21/20	% 21/19
Dom	ANTALYA	SABIHA GOKCEN	459	2,051,927	57.4	-21.4
Dom	ADNAN MEND.	SABIHA GOKCEN	342	1,605,665	31.8	-41.6
Dom	COTE D'AZUR	PARIS - ORLY	673	1,392,340	67.0	-32.4
Intra	ANTALYA	MOSCOU - SHEREMETYEVO	2174	1,368,351	51.3	11.8
Intra	ANTALYA	KIEV-BORISPOL	1493	1,297,829	106.2	28.7
Dom	BARCELONA	PALMA INTL	202	1,220,529	48.6	-43.8
Dom	ADNAN MEND.	ISTANBUL	359	1,199,388	40.2	-35.1
Dom	SABIHA GOKCEN	TRABZON	878	1,192,012	39.9	-24.5
Dom	SAKIRPASA	SABIHA GOKCEN	674	1,191,887	40.0	-17.7
Dom	MADRID - BARAJA	PALMA INTL	546	1,140,792	43.8	-42.7
Dom	ANTALYA	ISTANBUL	514	1,103,065	68.2	-27.6
Dom	FONTANAROSSA	ROMA - FIUMICINO	537	1,060,224	63.0	-42.0
Dom	PARIS - ORLY	BLAGNAC	572	1,046,501	42.1	-52.8
Dom	ESENBOGA	SABIHA GOKCEN	320	1,029,057	9.3	-52.3
Dom	BODRUM	SABIHA GOKCEN	417	1,022,710	82.0	-21.5
Dom	BARCELONA	MADRID - BARAJA	484	1,014,332	34.6	-60.6
Dom	OSLO - GARDERMOEN	VAERNES	361	1,005,771	9.5	-52.3
Dom	FLESLAND	OSLO - GARDERMOEN	324	991,026	14.0	-50.5
Intra	ANTALYA	MOSCOU - VNUKOVO	2131	950,641	83.0	-59.2
Intra	LAS PALMAS	MADRID - BARAJA	1769	934,148	47.1	-43.5
Dom	ESENBOGA	ISTANBUL	376	913,989	29.9	-35.3
Dom	FONTANAROSSA	MILANO - MALPENSA	1048	875,014	71.8	-30.9
Intra	MADRID - BARAJA	TENERIFE - N. LOSRODEO	1768	866,645	40.9	-41.8
Dom	MUGLA DALAMAN	SABIHA GOKCEN	465	832,670	76.4	-12.7
Dom	OSLO - GARDERMOEN	SOLA	340	785,512	9.1	-53.3
Dom	BARCELONA	IBIZA	277	762,755	61.1	-36.7
Intra	ANTALYA	MOSCOU - DOMODEDOVO	2122	754,849	62.8	-30.7
Dom	SAKIRPASA	ISTANBUL	736	751,455	39.2	-5.9
Dom	ROMA - FIUMICINO	PUNTA RAISI	418	741,280	34.6	-53.1
Dom	HELLINIKON	THESSALONIKI	298	736,259	49.9	-43.8
Dom	OSLO - GARDERMOEN	LANGNES	1115	722,576	19.1	-41.9
Intra	MADRID - BARAJA	PARIS - ORLY	1030	703,034	53.4	-48.1
	PARIS - CHARLES DE GAULLE	COTE D'AZUR	694	699,437	-6.0	-38.0
Dom	KAYSERI	SABIHA GOKCEN	582	694,341	25.9	-27.1
Intra	DUSSELDORF	PALMA INTL	1340	685,375	144.9	-55.6
Dom	MILANO - MALPENSA	PUNTA RAISI	918	684,643	92.4	-23.4
Dom	OGUZELI	SABIHA GOKCEN	813	657,744	33.7	-13.2
Dom	BARCELONA	MAHON MENORCA	242	649,172	82.1	-22.5
Dom	ADNAN MEND.	ESENBOGA	524	633,623	30.6	-44.4
Intra	FRANKFURT	PALMA INTL	1251	631,420	205.9	-44.0
Intra	FUNCHAL	PORTELA	977	629,171	64.1	-37.7
Intra	HELLINIKON	LARNACA	946	622,148	45.6	-44.0
Intra	ANTALYA	PULKOVO	2560	615,498	83.9	-30.3
Intra	SCHIPHOL	BARCELONA	1241	610,439	60.9	-55.9
Intra	BARCELONA	PARIS - ORLY	824	606,762	89.2	-46.7
Dom	LAS PALMAS	TENERIFE - N. LOSRODEO	90	593,658	25.9	-40.7
Dom	ISTANBUL	TRABZON	921	584,291	45.6	-8.6
Dom	OGUZELI	ISTANBUL	873	580,701	52.7	9.9
Dom	BARCELONA	TABLADA	809	579,542	71.8	-44.5
Intra	ISTANBUL	MOSCOU - VNUKOVO	1707	577,969	84.6	50.9



Sources : FRACS Air transport database



AIR TRANSPORT TREND BULLETIN



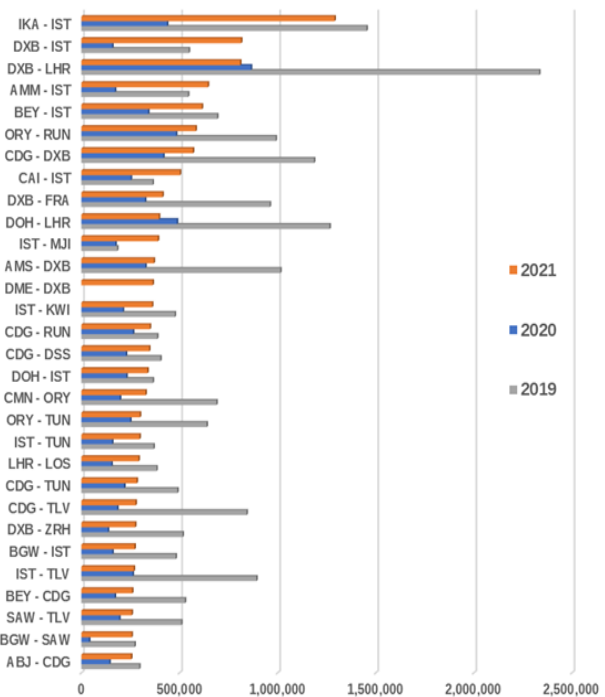
AFRICA & MIDDLE EAST

Main city-pairs 2021

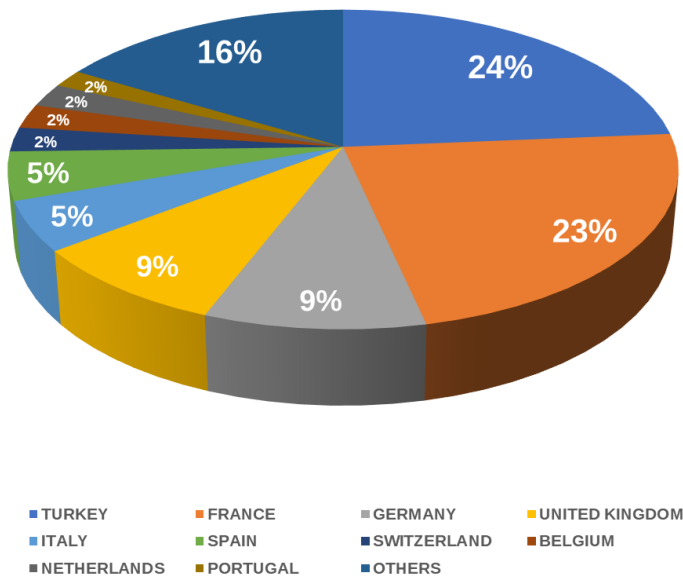
by regions

After several years at the top of the rankings, the London Heathrow—Dubai route will give away to Tehran—Istanbul in 2021. Overall, trade between the English capital and the Middle East is on the decline, even compared to the figures obtained in 2020.

City / Airport	City / Airport	Dist. KM	2021	% 21/20	% 21/19
TEHRAN - IMAM KHOMIENI	ISTANBUL	2050	1,289,592	195.7	-11.3
DUBAI	ISTANBUL	3023	813,595	417.1	48.7
DUBAI	LONDON - HEATHROW	5491	808,620	-6.4	-65.3
MARKA	ISTANBUL	1216	644,484	277.3	18.6
BEIRUT	ISTANBUL	1015	613,665	80.4	-11.3
PARIS - ORLY	GILLOT	9351	582,041	20.7	-41.2
PARIS - CHARLES DE GAULLE	DUBAI	5233	567,964	36.1	-52.1
CAIRO	ISTANBUL	1260	501,664	99.5	38.3
DUBAI	FRANKFURT	4838	412,647	27.3	-57.0
DOHA	LONDON - HEATHROW	5235	394,835	-18.9	-68.8
ISTANBUL	MITIGA	1656	389,745	125.0	114.5
SCHIPHOL	DUBAI	5162	368,580	13.2	-63.6
MOSCOU - DOMODEDOVO	DUBAI	3639	362,964	-	-
ISTANBUL	KUWAIT	2181	359,965	70.4	-24.3
PARIS - CHARLES DE GAULLE	GILLOT	9364	348,481	32.5	-9.8
PARIS - CHARLES DE GAULLE	BLAISE - DIAGNE	4215	345,262	52.2	-14.2
DOHA	ISTANBUL	2750	336,459	46.9	-7.4
CASABLANCA - ANFA	PARIS - ORLY	1878	326,294	66.5	-52.6
PARIS - ORLY	CARTHAGE	1464	298,033	19.8	-53.3
ISTANBUL	CARTHAGE	1669	295,691	89.3	-19.5
LONDON - HEATHROW	MURTALA MUHAMMED	5000	290,593	89.7	-24.0
PARIS - CHARLES DE GAULLE	CARTHAGE	1488	281,318	28.9	-42.5
PARIS - CHARLES DE GAULLE	BEN GURION	3284	275,995	51.4	-67.2
DUBAI	KLOTEN	4762	273,409	102.3	-47.0
BAGHDAD INTL	ISTANBUL	1646	270,602	71.4	-43.6
ISTANBUL	BEN GURION	1166	266,616	2.2	-70.1
BEIRUT	PARIS - CHARLES DE GAULLE	3184	258,317	52.2	-51.0
SABIHA GOKCEN	BEN GURION	1107	255,662	32.6	-49.7
BAGHDAD INTL	SABIHA GOKCEN	1587	255,486	549.5	-5.5
PORT BOUET	PARIS - CHARLES DE GAULLE	4902	252,984	77.7	-14.2



Europe - Middle East & Africa traffic distribution



The connection between Europe and this region is segmented in 2021, with a larger share (close to 50%) for France and Türkiye. While the French share grows by 1% compared to the previous year, the Turkish segment of the traffic soars with +7%. Traffic between Europe and Africa & Middle East is far from these 2019 results, except for some connections with Istanbul, which are close to or even higher than the pre-pandemic figures.

Sources : FRACS Air transport database



AIR TRANSPORT TREND BULLETIN

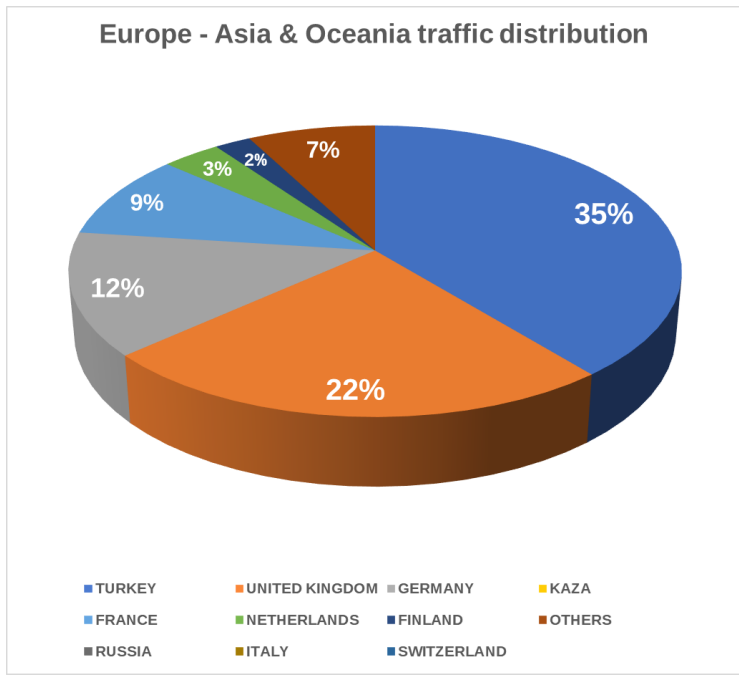
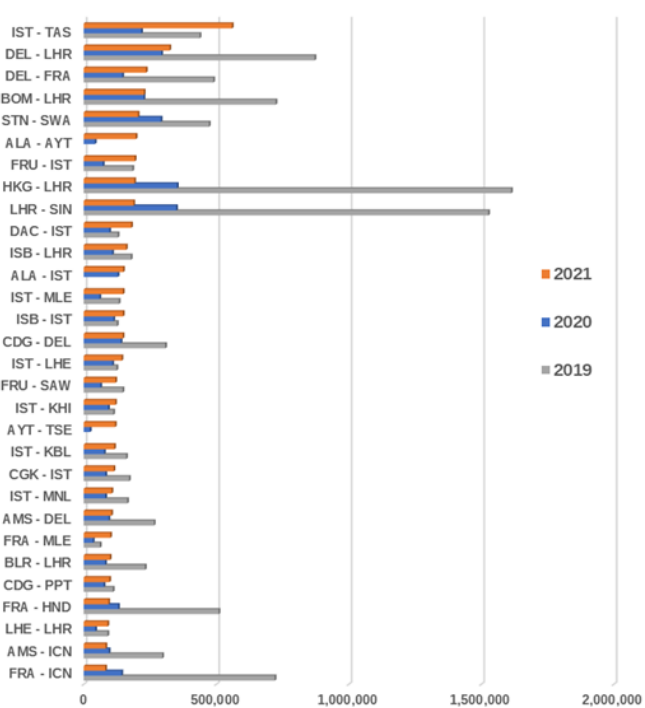


ASIA & OCEANIA

Main city-pairs 2021 by regions

The link between Istanbul and Tashkent, Uzbekistan, moves from 6th place to the most prolific traffic flow in the region, dethroning London Heathrow—Singapore. However, the second place remains occupied by a connection between the UK and Indira Gandhi International Airport, New Delhi.

City / Airport	City / Airport	Dist. KM	2021	% 21/20	% 21/19
ISTANBUL	TASHKENT	3359	559,352	157.8	27.9
INDIRA GANDHI	LONDON - HEATHROW	6727	323,844	10.5	-62.8
INDIRA GANDHI	FRANKFURT	6118	235,059	60.9	-51.9
JUHU	LONDON - HEATHROW	7208	226,928	0.3	-68.7
LONDON - STANSTED	SHANTOU	9619	204,382	-29.8	-56.8
ALMATY	ANTALYA	3941	196,735	362.9	-
BISHKEK	ISTANBUL	3737	192,652	165.3	4.7
KAI TAK	LONDON - HEATHROW	9638	191,096	-45.7	-88.1
LONDON - HEATHROW	SINGAPORE - CHANGI	10875	187,739	-46.2	-87.7
ZIA	ISTANBUL	5961	179,259	84.4	39.5
ISLAMABAD INTL	LONDON - HEATHROW	6062	159,665	48.0	-10.3
ALMATY	ISTANBUL	3917	148,959	15.7	-
ISTANBUL	HULULE INTL	6054	148,270	149.0	12.0
ISLAMABAD INTL	ISTANBUL	3958	148,180	32.3	18.1
PARIS - CHARLES DE GAULLE	INDIRA GANDHI	6562	147,483	5.4	-52.1
ISTANBUL	LAHORE	4171	142,971	32.1	15.1
BISHKEK	SABIHA GOKCEN	3708	119,657	88.9	-18.4
ISTANBUL	KARACHI	3966	118,875	28.9	6.2
ANTALYA	ASTANA	3554	118,184	401.2	-
ISTANBUL	KHWAJA RAWASH	3588	115,287	49.8	-28.1
JAKARTA - SOEKARNO	ISTANBUL	9468	113,219	37.5	-33.8
ISTANBUL	MANILA INTL	9127	105,181	28.7	-36.0
SCHIPHOL	INDIRA GANDHI	6359	104,485	10.9	-60.6
FRANKFURT	HULULE INTL	7875	100,389	185.3	63.1
BANGALORE	LONDON - HEATHROW	8038	98,558	21.7	-57.4
PARIS - CHARLES DE GAULLE	FAAA	15702	96,974	28.3	-12.1
FRANKFURT	TOKYO - HANEDA	9354	93,292	-28.3	-81.7
LAHORE	LONDON - HEATHROW	6309	90,105	103.6	0.1
SCHIPHOL	SEOUL - INCHO	8553	82,729	-12.9	-72.1
FRANKFURT	SEOUL - INCHO	8548	81,396	-42.9	-88.7



In this region, the dominance of Turkish traffic is clear, with an increase of +22%, eclipsing the usual leader in the sector, the United Kingdom. Still, the latter is not outdone with a +5% growth thanks to an important connection with India. The distribution is more difficult for France and Germany, dropping by -5% and -1% respectively, relegated to the bottom of the top 30 most important traffic flows in this region of 2021, except for Frankfurt—Delhi in third place.

Sources : FRACS Air transport database



AIR TRANSPORT TREND BULLETIN



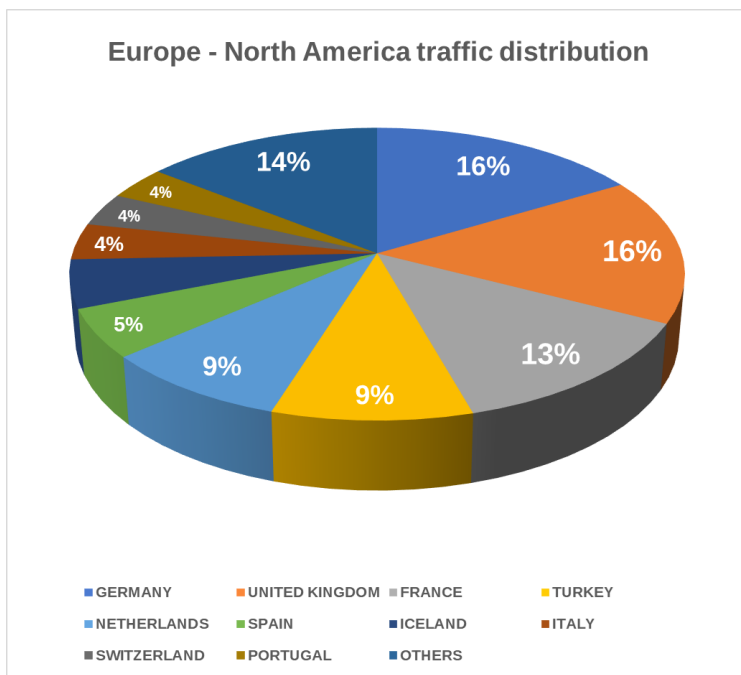
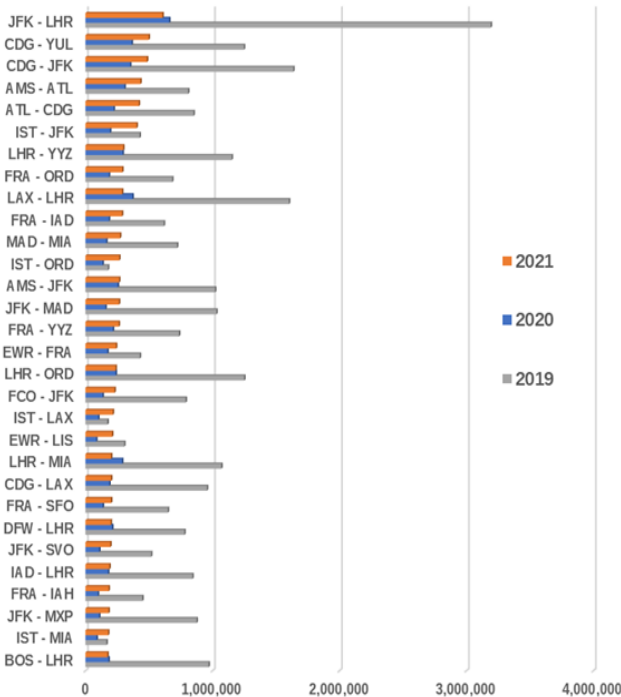
NORTH AMERICA

Main city-pairs 2021

by regions

As in other regions, connections to Istanbul are becoming more important in North America, with Chicago O'Hare, Los Angeles and Miami showing better results than in 2019. The JFK—London Heathrow link remains in the lead, despite a steady decline since the start of the pandemic.

City / Airport	City / Airport	Dist. KM	2021	% 21/20	% 21/19
NEW YORK - JF KENNEDY	LONDON - HEATHROW	5538	606,208	-8.0	-81.0
PARIS - CHARLES DE GAULLE	MONTREAL - TRUDAU	5520	497,360	36.6	-60.1
PARIS - CHARLES DE GAULLE	NEW YORK - JF KENNEDY	5830	484,019	37.7	-70.4
SCHIPHOL	HARTSFIELD	7061	432,396	40.7	-46.5
HARTSFIELD	PARIS - CHARLES DE GAULLE	7050	419,805	89.1	-50.7
ISTANBUL	NEW YORK - JF KENNEDY	8024	402,195	107.8	-5.7
LONDON - HEATHROW	PEARSON INTL	5704	297,113	1.4	-74.2
FRANKFURT	CHICAGO - O'HARE	6965	289,869	57.6	-57.6
LOS ANGELES INTL	LONDON - HEATHROW	8755	287,992	-22.2	-82.0
FRANKFURT	WASHINGTON - DULLES	6545	287,431	56.1	-53.4
MADRID - BARAJA	MIAMI INTL	7101	271,936	65.9	-62.3
ISTANBUL	CHICAGO - O'HARE	8781	265,498	97.4	50.2
SCHIPHOL	NEW YORK - JF KENNEDY	5845	264,588	4.0	-74.1
NEW YORK - JF KENNEDY	MADRID - BARAJA	5759	263,394	67.9	-74.4
FRANKFURT	PEARSON INTL	6339	262,208	21.6	-64.4
NEW YORK - NEWARK	FRANKFURT	6207	240,549	39.5	-43.8
LONDON - HEATHROW	CHICAGO - O'HARE	6340	236,746	-0.5	-81.1
ROMA - FIUMICINO	NEW YORK - JF KENNEDY	6862	228,171	69.7	-71.1
ISTANBUL	LOS ANGELES INTL	10997	215,002	114.0	24.3
NEW YORK - NEWARK	PORTELA	5431	209,839	150.4	-31.3
LONDON - HEATHROW	MIAMI INTL	7104	201,288	-30.2	-81.2
PARIS - CHARLES DE GAULLE	LOS ANGELES INTL	9096	201,117	7.0	-79.0
FRANKFURT	SAN FRANCISCO	9143	200,998	47.8	-69.0
DALLAS - FORT WORTH	LONDON - HEATHROW	7618	198,773	-5.6	-74.5
NEW YORK - JF KENNEDY	MOSCOU - SHEREMETYEVO	7477	195,759	80.3	-62.1
WASHINGTON - DULLES	LONDON - HEATHROW	5898	188,355	6.1	-77.6
FRANKFURT	HOUSTON - NTERCONTINENTAL	8396	182,395	86.6	-59.3
NEW YORK - JF KENNEDY	MILANO - MALPENSA	6409	181,544	68.2	-79.3
ISTANBUL	MIAMI INTL	9579	177,630	101.9	7.3
LOGAN	LONDON - HEATHROW	5237	172,975	-4.6	-82.2



After two years of occupying 28% of the traffic distribution, the United Kingdom shares its first place with Germany, which grow by +3% in 2021. As for France, it loses -3% of its share this year, despite a CDG—Montreal connection climbing to the second place of the top.

Sources : FRACS Air transport database



AIR TRANSPORT TREND BULLETIN



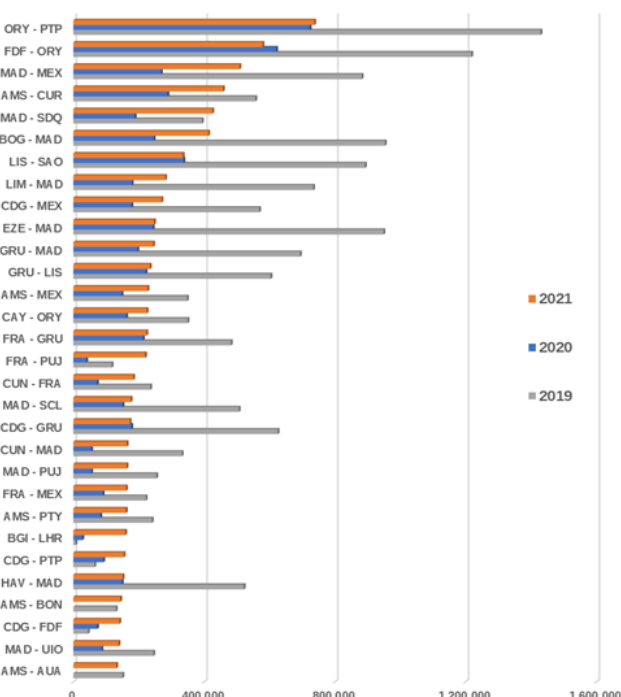
LATIN AMERICA & CARIBBEAN

Main city-pairs 2021

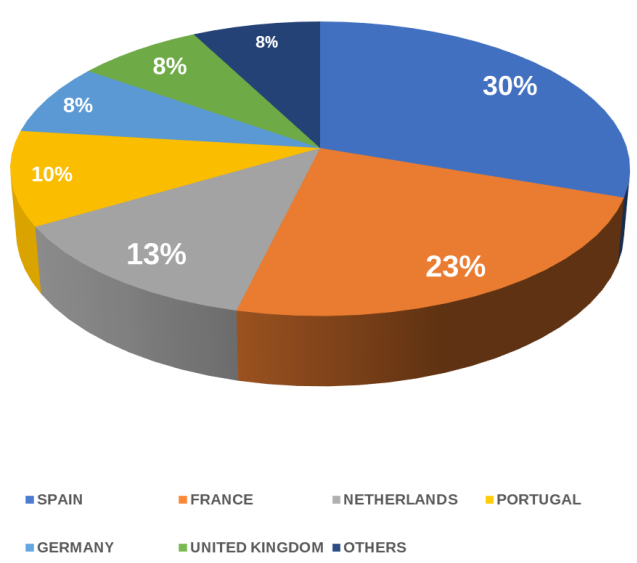
by regions

After a difficult year, Spain has regained its leading position in the traffic with this region, with 30% of the distribution, notably through strong connections from its main airport Madrid-Bajaras. The traffic between LHR and Barbados, which is significantly higher than in 2019, is mainly due to a shift in traffic with Gatwick.

City / Airport	City / Airport	Dist. KM	2021	% 21/20	% 21/19
PARIS - ORLY	LE RAIZET	6748	737,598	1.9	-48.4
LE LAMENTIN	PARIS - ORLY	6847	579,245	-6.7	-52.5
MADRID - BARAJA	BENITO JUAREZ	9062	508,569	89.5	-42.4
SCHIPHOL	HATO	7830	458,245	58.7	-17.8
MADRID - BARAJA	LAS AMERICAS	6685	425,614	125.8	8.0
EL DORADO	MADRID - BARAJA	8026	413,167	67.7	-56.7
PORTELA	SAO PAULO - GUARULHOS	7938	335,337	-0.6	-62.4
JORGE CHAVEZ	MADRID - BARAJA	9519	281,587	56.9	-61.6
PARIS - CHARLES DE GAULLE	BENITO JUAREZ	9194	270,279	51.5	-52.5
BUENOS AIRES - EZEIZA	MADRID - BARAJA	10070	247,545	1.6	-73.9
SAO PAULO - GUARULHOS	MADRID - BARAJA	8372	244,743	24.4	-64.7
SAO PAULO - GUARULHOS	PORTELA	7929	234,457	5.7	-61.2
SCHIPHOL	BENITO JUAREZ	9202	227,460	53.4	-34.7
ROCHAMBEAU	PARIS - ORLY	7088	225,048	38.8	-35.7
FRANKFURT	SAO PAULO - GUARULHOS	9792	223,958	5.0	-53.6
FRANKFURT	PUNTA CANA	7509	220,072	449.1	86.8
CANCUN	FRANKFURT	8550	183,725	151.9	-22.0
MADRID - BARAJA	ARTURO BENITEZ	10717	176,084	16.3	-65.2
PARIS - CHARLES DE GAULLE	SAO PAULO - GUARULHOS	9399	172,949	-2.8	-72.3
CANCUN	MADRID - BARAJA	7900	163,785	196.3	-50.7
MADRID - BARAJA	PUNTA CANA	6567	163,298	195.3	-35.8
FRANKFURT	BENITO JUAREZ	9546	161,553	78.7	-27.2
SCHIPHOL	OMAR TORRIJOS HERRERA	8811	160,996	93.4	-33.1
GRANTLEY ADAMS	LONDON - HEATHROW	6747	159,048	468.7	2035.4
PARIS - CHARLES DE GAULLE	LE RAIZET	6765	154,631	68.0	138.2
JOSE MARTI	MADRID - BARAJA	7453	151,391	1.7	-71.0
SCHIPHOL	FLAMINGO	7789	143,937	-	10.3
PARIS - CHARLES DE GAULLE	LE LAMENTIN	6866	141,354	92.2	212.8
MADRID - BARAJA	MARISCAL SUCRE	8742	138,911	60.1	-43.3
SCHIPHOL	REINA BEATRIX	7875	131,831	-	-12.4



Europe - Latin America traffic distribution



France maintains a strong second place thanks to connections with its overseas departments, despite a -2% drop in its share of the distribution. The Netherlands keeps its third place ahead of the UK, mainly due to connections with Amsterdam-Schiphol airport and the Dutch autonomous state of Curaçao, as well as with Benito Juárez airport, Mexico.

Sources : FRACS Air transport database

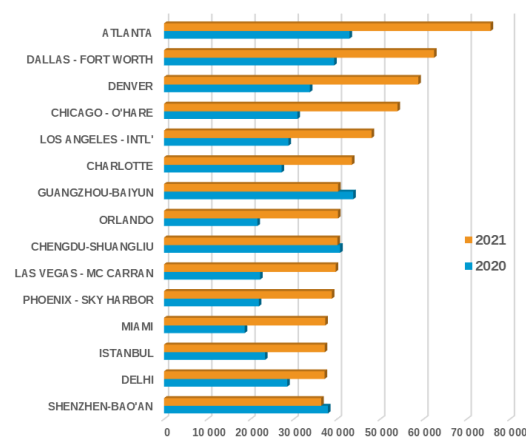


AIR TRANSPORT TREND BULLETIN

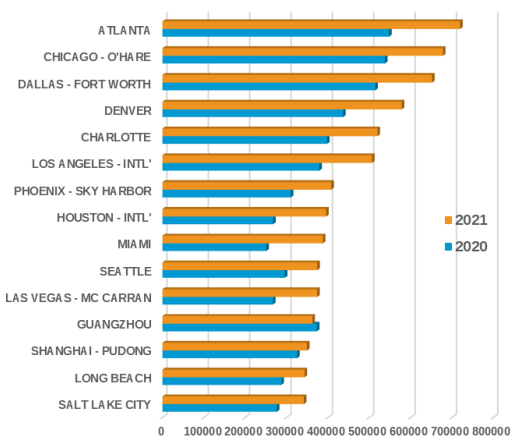


Main Airport's traffic Q2 2022 - Top 15

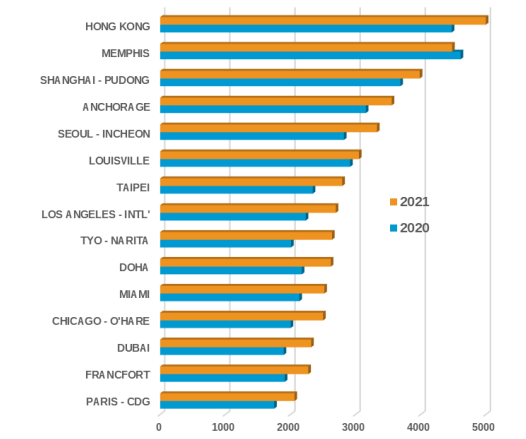
Airports	Passengers 2021 ('000)	21/20 (%)	Q1 22/21 (%)	Q2 22/21 (%)
ATLANTA	75,537	76.0	79.9	27.3
DALLAS - FORT WORTH	62,466	58.7	48.3	18.4
DENVER	58,829	74.4	51.7	16.7
CHICAGO - O'HARE	54,003	75.0	90.1	36.9
LOS ANGELES - INTL'	48,007	66.8	122.6	44.8
CHARLOTTE	43,463	59.8	33.6	1.9
GUANGZHOU-BAIYUN	40,261	-8.0	-20.4	-64.3
ORLANDO	40,240	86.2	65.1	20.4
CHENGDU-SHUANGLIU	40,117	-1.5	-39.8	-81.4
LAS VEGAS - MC CARRAN	39,705	78.6	89.0	32.1
PHOENIX - SKY HARBOR	38,829	77.0	63.0	9.8
MIAMI	37,302	99.9	109.1	27.9
ISTANBUL	37,177	59.1	105.2	141.9
DELHI	37,141	30.3	22.7	198.3
SHENZHEN-BAO'AN	36,358	-4.1	-52.7	-47.0
Total*	4,424,393	30.8		



Airports	Movements 2021	21/20 (%)	Q1 22/21 (%)	Q2 22/21 (%)
ATLANTA	719,716	31.3	9.8	-3.5
CHICAGO - O'HARE	678,201	26.0	35.2	12.1
DALLAS - FORT WORTH	651,895	26.7	9.8	1.1
DENVER	578,571	32.4	20.6	4.3
CHARLOTTE	519,895	30.6	11.8	-9.0
LOS ANGELES - INTL'	506,769	33.6	41.6	15.8
PHOENIX - SKY HARBOR	408,285	31.6	20.1	1.2
HOUSTON - INTL'	395,787	47.9	29.9	4.2
MIAMI	387,973	54.4	50.5	19.7
SEATTLE	374,510	26.5	17.3	5.4
LAS VEGAS - MC CARRAN	374,222	40.1	50.8	49.6
GUANGZHOU	362,639	-2.9	-10.2	-47.3
SHANGHAI - PUDONG	349,524	7.3	-8.3	-83.8
LONG BEACH	343,691	19.6	9.1	-12.2
SALT LAKE CITY	341,991	23.6	3.8	-8.5
Total*	60,481,815	15.8		



Airports	Cargo 2021 ('000 tons)	21/20 (%)	Q1 22/21 (%)	Q2 22/21 (%)
HONG KONG	5,029	12.3	-9.1	-7.5
MEMPHIS	4,483	-2.8	-8.9	-10.9
SHANGHAI - PUDONG	3,986	8.1	-12.5	-47.7
ANCHORAGE	3,555	12.6	-0.3	-1.1
SEOUL - INCHEON	3,329	18.0	0.2	-8.8
LOUISVILLE	3,052	4.6	5.0	0.0
TAIPEI	2,796	19.3	0.3	-2.4
LOS ANGELES - INTL'	2,696	20.6	1.7	-5.9
TYO - NARITA	2,639	31.3	3.3	-5.4
DOHA	2,620	20.5	-7.8	-11.0
MIAMI	2,521	17.9	8.0	-1.5
CHICAGO - O'HARE	2,502	24.9	-10.8	-15.6
DUBAI	2,319	22.2	-5.7	-31.7
FRANCFORT	2,275	18.9	-8.0	-14.8
PARIS - CDG	2,062	17.8	-8.1	2.1
Total*	120,609	14.5		



* Preliminary results based on 1700 airports

Sources : ACI and FRACS Air transport database



AIR TRANSPORT TREND BULLETIN



Airliners Orders and Deliveries Q2 2022

In the second quarter of 2022, Airbus is recording a large increase in orders, almost double those received last year, with a similar number of deliveries except for the A380, which is no longer in their sales catalog. American competitor Boeing's figures suffer from the comparison with the large orders placed with the support of the US government at the beginning of last year. However, the number of deliveries has risen significantly.

Deliveries

Deliveries	Q1 2022	Q2 2022	H1 2022	H1 22/21 Variation	2021
Airbus	140	155	295	-2	611
Boeing	94	121	215	62	338
Embraer	6	11	17	-6	48
ATR	n.a.	n.a.	n.a.	-	31
Sukhoi	n.a.	n.a.	n.a.	-	27

Orders

Orders	Q1 2022	Q2 2022	H1 2022	H1 22/21 Variation	2021
Airbus	253	189	442	277	771
Boeing	167	119	286	-311	909
Embraer	-4	8	4	4	92
ATR	5	2	7	7	29
Sukhoi	0	0	0	0	63

Deliveries by aircraft type

Deliveries	Type	Q1 2022	Q2 2022	H1 2022	H1 22/21 Variation	2021
Airbus	A222	11	14	25	4	50
	A320	109	121	230	-7	483
	A330	6	7	13	6	18
	A350	16	13	29	-1	55
	A380	0	0	0	-2	5
Boeing	B737	85	103	188	76	261
	B747	1	2	3	1	7
	B767	5	7	12	1	32
	B777	3	9	12	-2	24
	B787	0	0	0	-14	14
Embraer	EMB170	0	0	0	0	0
	EMB175	4	8	12	3	27
	EMB190	0	0	0	-2	2
	EMB195	2	3	5	4	10
ATR	ATR-42	n.a.	n.a.	n.a.	-	31
	ATR-72	n.a.	n.a.	n.a.	-	
Sukhoi	SSJ100	n.a.	n.a.	n.a.	-	27

Orders by aircraft type

Orders	Type	Q1 2022	Q2 2022	H1 2022	H1 22/21 Variation	2021
Airbus	A222	72	22	94	73	64
	A320	171	137	308	171	661
	A330	3	1	4	2	30
	A350	7	29	36	31	16
	A380	0	0	0	0	0
Boeing	B737	134	99	233	-283	765
	B747	0	0	0	-5	5
	B767	0	0	0	-45	65
	B777	33	13	46	24	53
	B787	0	7	7	-2	21
Embraer	EMB170	0	0	0	0	0
	EMB175	0	8	8	8	42
	EMB190	-2	0	-2	-2	0
	EMB195	-2	0	-2	-2	50
ATR	ATR-42	3	0	3	3	3
	ATR-72	2	2	4	4	26
Sukhoi	SSJ100	0	0	0	0	63

n.a. : not available

Sources : FRACS Air transport database





AIR TRANSPORT TREND BULLETIN

Our Databases and Services



We are grateful for your reading and your interest.

Don't miss our upcoming issue next January 2023 !

Feel free to **contact us** if you are interested in this data or for more details than showed up in this newsletter.

You can also directly contact our database managers **Jean-Pierre Assemat**, **Mehrdad Farzin Pour** and **Morgan Simorre** to get a personal solution to your needs.

Find more information and previous publications on our website :

<https://fracs.aero/products-and-services/#atd>

About our databases :

Our Air Transport databases are updated on a regular basis and contain long historical data series regarding :

- Traffic data for more than 2500 airports world-wide, collected from a variety of sources since 1970.
- Traffic flows : country-pair and city-pair for over 200 countries and 2500 airports world-wide since 1970.
- Traffic, financial and fleets detailed information for 600 airlines throughout the world since 1980.

About ENAC :

ENAC is the French National School of Civil Aviation and is the largest of the major aeronautical schools or universities in Europe.

ENAC supports all the training needs of all public (civil aviation authorities, air traffic control, etc.) and private (aircraft manufacturers, engine manufacturers, equipment suppliers, airports, airlines, etc.) of these areas. in France, in Europe and in the world.

About France Aviation Civile Services :

France Aviation Civile Services is the Expertise and Consultancy Office of the Civil Aviation founded by the General Directorate of Civil Aviation (DGAC) and the French National School of Civil Aviation (ENAC).

FRACS provides tailored solutions to customer challenges, while providing strong operational expertise with an agile and flexible approach in the areas of regulation, safety oversight and air navigation.

FRACS supports their clients in meeting ICAO and EASA standards, improving operational performance and achieving strategic capabilities.

Discover FRACS products and solutions here: <https://fracs.aero/products-and-services/>

Or directly contact our Experts at : contact@fracs.aero

(if you are not interested, you can unsubscribe at any time by sending us an email)

