



AIR TRANSPORT TREND BULLETIN



Launching of ATD Analytics

Before reading your usual quarterly trends bulletin, we take this opportunity to announce the launch of a new solution created in collaboration with ALMAZ Aviation : **ATD Analytics**

ATD Analytics, a web-based global air transport analytics platform, allows to instantly analyze global air traffic over the past decade.



France Aviation Civile Services (FRACS), a consulting and expertise office created by the DGAC and ENAC, in order to promote the know-how of French Civil Aviation and ALMAZ Aviation, a start-up specializing in the development of analytical platforms in the aviation industry, have combined their skills to develop together "ATD Analytics" platform.

Powered by FRACS Air Transport Data (ATD), the service offered by the web-based platform will make it possible to analyze traffic, line by line, by country, by airports according to a multitude of combinations.

In the current situation that is hitting the aviation sector hard, and to meet the many environmental, economic and societal challenges, many players shall review their strategy. ATD Analytics will be a key asset and will save valuable time in the diagnostic or context understanding phases and will provide sometimes unsuspected insights.

This innovative platform, based on ATD data collected since the 1970s by France Aviation Civile Services from more than 3,000 airports around the world, is aimed at the transport sector, tourism, major international organizations and more generally all economic actors.

FRACS and Almaz therefore propose an indispensable and useful tool for current and future circumstances. Many additional features will be released in the coming months to further enrich the value proposition.

Already available in English, ATD analytics will soon be available in French and in Spanish.

For a taste of ATD Analytics :

<https://www.atd-analytics.com>

For more information :

Contact : Farid ZIZI, farid.zizi@fracs.aero

Web Site : <https://fracs.aero>



« Whoever desires to anticipate the future and understand the present shall consult the past » (Machiavel).



AIR TRANSPORT TREND BULLETIN



Main traffic flows Europe-World in 2020

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 2021 first results and main airlines fleets

This quarter you will find :

- Main airlines Q2 2021 traffic results with 2020/21 comparison
- Main traffic flows 2020 (city-pairs) between Europe and the rest of the World by regions
- Top 15 airports by passenger traffic, aircrafts movements and cargo for Q2 2021
- Airliners Q2 2021 orders and deliveries with 2020/21 evolution

We wish you will enjoy reading us!

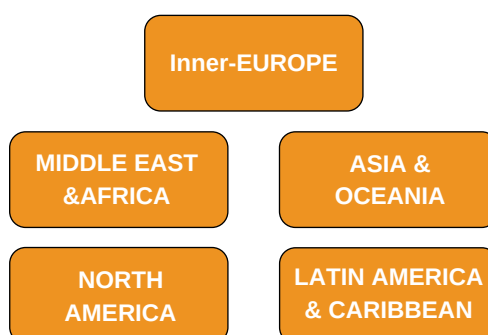
Any question or suggestion concerning this publication or the databases are welcome at :

atd@fracs.aero

Summary

1 - Main Airlines' traffic Q2 2021

2 - Main traffic flows Europe -World by regions



3 - Main Airport's traffic Q2 2021 - Top 15

4 - Airliners Orders and Deliveries Q2 2021

5 - Our Databases and Services





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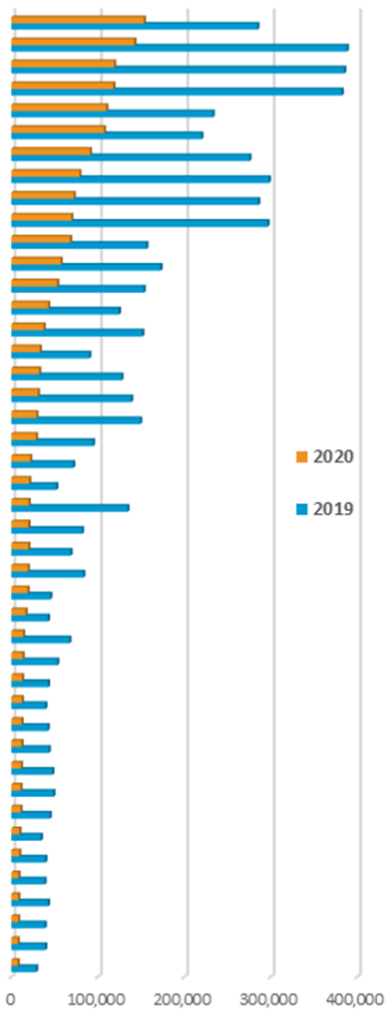


Main Airlines' traffic Q2 2021

Q2 2021 extends an uneven recovery in traffic, with China Southern and American AL ahead. The two giants are cutting the gap with 2019's results by half, while other U.S. and Chinese airlines are picking up. Alaska Air Group and Hawaiian Holdings are making an excellent recovery, as is China Eastern. Still, the trend is more toward light increases or stagnation for the majority of airlines.

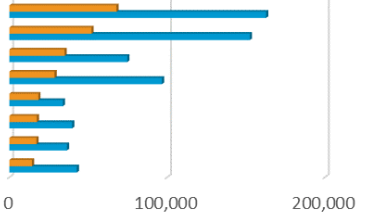
Rank 2020	AIRLINES	RPK ¹ (millions) 2020	20/19 (%)	Q1 21/19 (%)	Q2 21/19 (%)
1	CHINA SOUTHERN AIR HOLD.	153,444	-46.0	-50.3	-26.8
2	AMERICAN AL GROUP	142,417	-63.0	-59.0	-32.9
3	UNITED HOLDING	118,897	-69.0	-67.5	-54.7
4	DELTA AIR LINES GROUP	118,137	-69.0	-65.2	-47.3
5	AIR CHINA GROUP	109,854	-53.0	-58.9	-39.7
6	CHINA EASTERN AL	107,301	-52.0	-55.0	-33.2
7	AIR FRANCE/KLM/TRANSAVIA	91,041	-65.0	-78.6	-79.0
8	EMIRATES AL	78,753	-73.6	-84.9	-
9	INTL AL GROUP (IAG)	72,262	-75.0	-88.9	-86.7
10	LUFTHANSA GROUP	69,461	-77.0	-87.7	-83.5
11	AEROFLOT RUSSIAN GROUP	68,015	-56.0	-54.6	-41.5
12	QATAR AW	57,171	-66.9	-	-
13	TURKISH AL/THY	53,034	-65.0	-62.9	-56.7
14	LATAM AL GROUP	42,624	-66.0	-72.0	-74.6
15	AIR CANADA GROUP	37,377	-75.0	-91.4	-92.8
16	ALASKA AIR GROUP	32,979	-63.0	-56.7	-29.4
17	QANTAS GROUP	32,158	-75.0	-	-
18	HAINAN AL GROUP	30,728	-77.8	-	-
19	SINGAPORE INT'L GROUP	28,940	-81.0	-96.9	-95.3
20	ALL NIPPON AW GROUP	28,509	-70.0	-85.7	-83.0
21	JAPAN AL	21,994	-69.0	-85.2	-82.8
22	AIR INDIA	20,812	-60.0	-46.9	-72.8
23	CATHAY PACIFIC GROUP	20,080	-85.0	-99.0	-98.6
24	ETIHAD AW	19,829	-75.7	-	-
25	SAUDIA	19,785	-71.1	-	-
26	KOREAN AIR/KAL	19,079	-77.0	-93.0	-91.4
27	ETHIOPIAN AL	18,817	-58.2	-	-
28	AEROMEXICO GROUP	16,444	-61.0	-54.1	-46.6
29	THAI AW INT'L	13,726	-80.0	-	-
30	SWISS	13,068	-75.0	-89.7	-67.0
31	GARUDA GROUP	12,492	-71.0	-75.6	-69.3
32	AIR NEW ZEALAND	12,306	-69.0	-87.7	-78.4
33	TAP AIR PORTUGAL	11,876	-72.0	-87.7	-80.0
34	PHILIPPINE AL/PAL	11,874	-72.6	-	-
35	ASIANA	11,039	-76.8	-92.3	-90.1
36	EVA AIR	10,711	-78.0	-97.5	-95.4
37	AVIANCA HOLD.	10,656	-76.0	-82.3	-78.2
38	COPA AIRLINES	9,354	-73.0	-68.1	-56.8
39	SAS	9,215	-74.0	-90.8	-85.3
40	FINNAIR	8,150	-79.0	-96.3	-95.7
41	CHINA AL	8,040	-81.0	-97.8	-98.7
42	VIRGIN ATLANTIC	7,794	-79.9	-	-
43	TUI UK	7,380	-81.0	-99.7	-98.6
44	HAWAIIAN HOLDINGS	7,361	-74.0	-74.3	-37.9

Main Airlines RPK¹ - 2020/19



Rank 2020	AIRLINES (low-cost)	PAX ² (000') 2020	20/19 (%)	Q1 21/19 (%)	Q2 21/19 (%)
1	SOUTHWEST AL	67,824	-58.3	-63.7	-19.8
2	RYANAIR	52,010	-65.9	-93.2	-
3	INDIGO AL	34,970	-53.2	-30.4	-70.3
4	EASYJET AL	28,643	-70.4	-94.2	-
5	SPIRIT AL	18,309	-45.9	-58.2	-5.7
6	WIZZ AIR	17,372	-56.3	-88.6	-72.1
7	GOL	17,084	-53.2	-57.8	-63.1
8	JETBLUE AW	14,298	-66.5	-78.2	-21.6

Low-Cost Top PAX² - 2020/19



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 2020

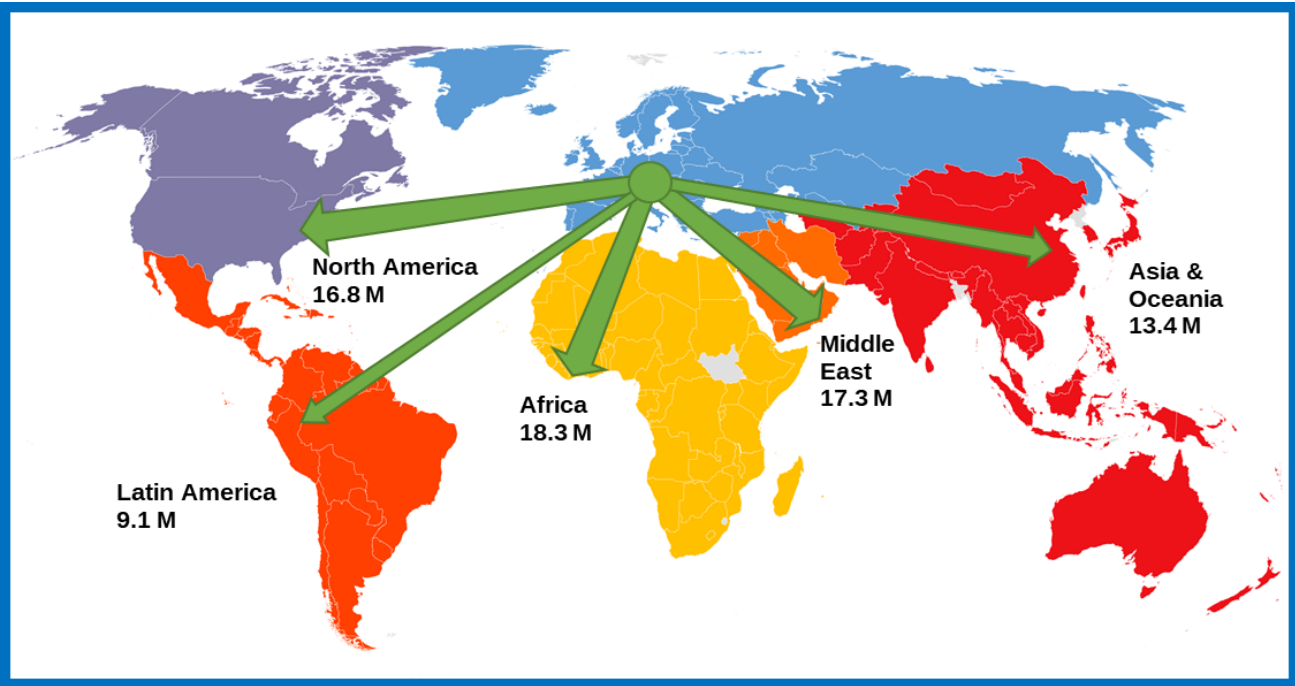
This is the distribution of air passenger traffic between Europe* and the rest of the world in 2020 by region.

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.

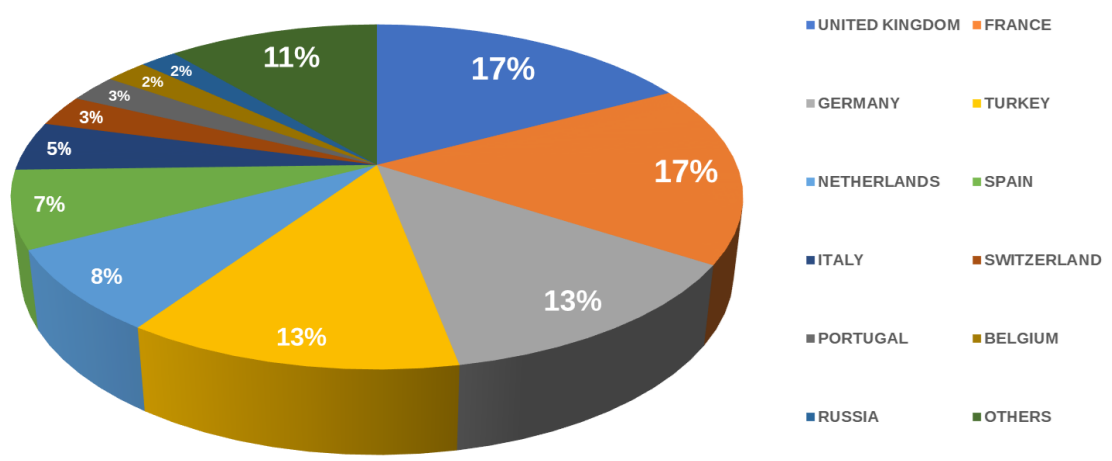
Local passengers only : Passengers joining or leaving an aircraft at the reporting airport, even if they are continuing their journey on another aircraft carrying the same flight number.

	PAX 2019	PAX 2020	% 20/19
Africa	64,537,388	18,344,436	-71.6
Middle East	81,287,291	17,307,663	-78.7
North America	92,885,500	16,785,924	-81.9
Asia & Oceania	62,696,243	13,374,580	-78.7
Latin America	30,506,282	9,057,318	-70.3
Total*	331,912,704	74,869,921	-77.4

*Russian intl. data not complete



Europe intercontinental traffic distribution 2020



Sources : FRACS Air transport database



AIR TRANSPORT TREND BULLETIN



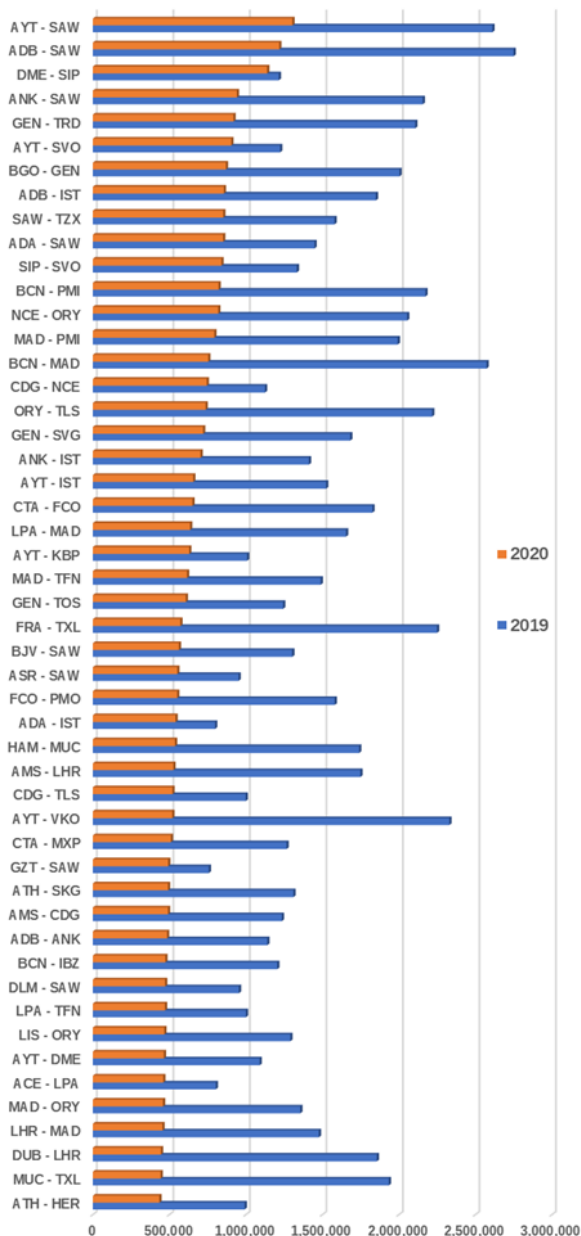
EUROPE

Main city-pairs 2020

by regions

Internal European traffic has been hit hard by the pandemic, leaving Russia and Turkey standing out with strong domestic traffic and less intense restrictions regarding air transport than in other countries in the region. Norway is also at the top of the table, with two steady domestic routes to Oslo (OSL). The most important French route, Paris - Orly (ORY) with Toulouse (TLS), drops from its seventh place in 2020, with a -66.8% difference with last year.

Type	City / Airport	City / Airport	Dist. KM	2020	% 20/19
Dom	ANTALYA	ISTANBUL SABIHA GOKCEN	459	1,303,843	-50.1
Dom	ADNAN MEND.	ISTANBUL SABIHA GOKCEN	342	1,217,975	-55.7
Intra	MOSCOW - DOMODEDOVO	SIMFEROPOL	1189	1,138,556	-6.3
Dom	ANKARA	ISTANBUL SABIHA GOKCEN	320	941,068	-56.3
Dom	OSLO - GARDERMOEN	TRONDHEIM	361	918,615	-56.4
Intra	ANTALYA	MOSCOW - SHEREMETYEVO	2174	904,206	-26.1
Dom	BERGEN	OSLO - GARDERMOEN	324	869,486	-56.6
Dom	ADNAN MEND.	ISTANBUL	359	855,733	-53.7
Dom	ISTANBUL SABIHA GOKCEN	TRABZON	878	851,917	-46.0
Dom	ADANA	ISTANBUL SABIHA GOKCEN	674	851,478	-41.2
Intra	SIMFEROPOL	MOSCOW - SHEREMETYEVO	1243	840,284	-36.9
Dom	BARCELONA	PALMA DE MALLORCA	202	821,096	-62.2
Dom	NICE	PARIS - ORLY	673	818,776	-60.1
Dom	MADRID - BARAJA	PALMA DE MALLORCA	546	793,290	-60.2
Dom	BARCELONA	MADRID - BARAJA	484	753,532	-70.7
Dom	PARIS - CDG	NICE	694	743,782	-33.9
Dom	PARIS - ORLY	TOULOUSE	572	736,415	-66.8
Dom	OSLO - GARDERMOEN	STAVANGER	340	720,103	-57.2
Dom	ANKARA	ISTANBUL	376	703,391	-50.2
Dom	ANTALYA	ISTANBUL	514	655,713	-57.0
Dom	CATANIA	ROMA - FIUMICINO	537	650,320	-64.4
Intra	LAS PALMAS	MADRID - BARAJA	1769	635,088	-61.6
Intra	ANTALYA	KIEV-BORISPOL	1493	629,327	-37.6
Intra	MADRID - BARAJA	TENERIFE - N. LOSRODEO	1768	615,021	-58.7
Dom	OSLO - GARDERMOEN	TROMSO	1115	606,927	-51.2
Dom	FRANKFURT	BERLIN - TEGEL	433	571,995	-74.6
Dom	MILAS	ISTANBUL SABIHA GOKCEN	417	562,052	-56.9
Dom	KAYSERI	ISTANBUL SABIHA GOKCEN	582	551,412	-42.1
Dom	ROMA - FIUMICINO	PALERMO	418	550,707	-65.2
Dom	ADANA	ISTANBUL	736	539,938	-32.4
Dom	HAMBURG	MUNICH	623	536,780	-69.2
Intra	AMSTERDAM	LONDON - HEATHROW	371	525,790	-69.9
Dom	PARIS - CDG	TOULOUSE	607	519,853	-48.0
Intra	ANTALYA	MOSCOW - VNUKOV	2131	519,581	-77.7
Dom	CATANIA	MILANO - MALPENSA	1048	509,272	-59.8
Dom	GAZIANTEP	ISTANBUL SABIHA GOKCEN	813	491,930	-35.1
Dom	ATHENS	THESSALONIKI	298	491,114	-62.5
Intra	AMSTERDAM	PARIS - CDG	399	491,075	-60.2
Dom	ADNAN MEND.	ANKARA	524	485,084	-57.4
Dom	BARCELONA	IBIZA	277	473,386	-60.7
Dom	DALAMAN	ISTANBUL SABIHA GOKCEN	465	472,078	-50.5
Dom	LAS PALMAS	TENERIFE - N. LOSRODEO	90	471,371	-52.9
Intra	LISBON	PARIS - ORLY	1438	466,945	-63.8
Intra	ANTALYA	MOSCOW - DOMODEDOVO	2122	463,737	-57.4
Dom	ARRECIFE	LAS PALMAS	222	459,868	-42.8
Intra	MADRID - BARAJA	PARIS - ORLY	1030	458,236	-66.2
Intra	LONDON - HEATHROW	MADRID - BARAJA	1245	454,761	-69.2
Intra	DUBLIN	LONDON - HEATHROW	449	445,222	-76.0
Dom	MUNICH	BERLIN - TEGEL	505	442,949	-77.1
Dom	ATHENS	IRAKLION	313	434,571	-56.2



Sources : FRACS Air transport database



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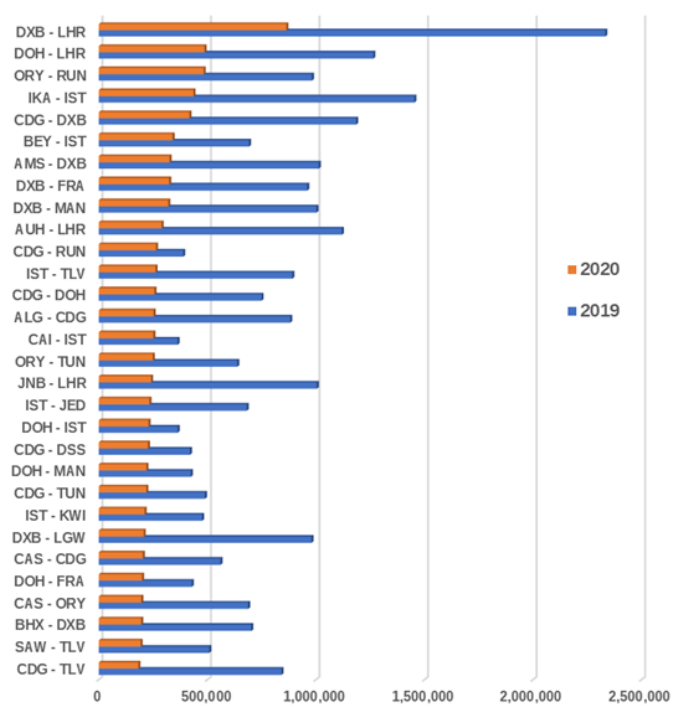
AFRICA & MIDDLE EAST

Main city-pairs 2020

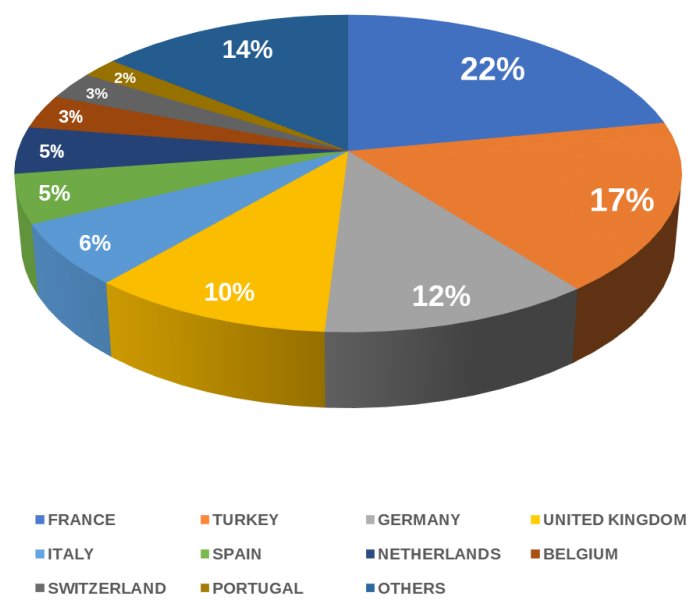
by regions

Despite a decline in traffic over the year, Dubai remains the main hub in the region, with a significant flow to London Heathrow (LHR) well above the rest despite a -63% decrease in traffic. France is in third place with Paris—Orly (ORY / Saint-Denis Roland Garros (RUN)).

City / Airport	City / Airport	Dist. KM	2020	% 20/19
DUBAI	LONDON - HEATHROW	5491	863,667	-63.0
DOHA	LONDON - HEATHROW	5235	486,850	-61.5
PARIS - ORLY	ST DENIS	9351	482,990	-50.8
TEHRAN IMAM KHOMIENI	ISTANBUL	2050	436,187	-70.0
PARIS - CDG	DUBAI	5233	417,178	-64.8
BEIRUT	ISTANBUL	1015	340,090	-50.8
AMSTERDAM	DUBAI	5162	325,742	-67.9
DUBAI	FRANKFURT	4838	324,208	-66.2
DUBAI	MANCHESTER	5649	319,831	-68.1
ABU DHABI	LONDON - HEATHROW	5490	289,310	-74.2
PARIS - CDG	ST DENIS	9364	263,165	-32.3
ISTANBUL	TEL AVIV	1166	260,930	-70.7
PARIS - CDG	DOHA	4964	256,058	-65.8
ALGIERS	PARIS - CDG	1370	252,343	-71.4
CAIRO	ISTANBUL	1260	251,425	-30.7
PARIS - ORLY	TUNIS	1464	248,598	-61.0
JOHANNESBURG	LONDON - HEATHROW	9077	240,755	-76.0
ISTANBUL	JEDDAH	2405	233,224	-65.8
DOHA	ISTANBUL	2750	229,009	-37.0
PARIS - CDG	BLAISE - DIAGNE	4215	226,496	-46.1
DOHA	MANCHESTER	5403	219,381	-48.2
PARIS - CDG	TUNIS	1488	218,978	-55.2
ISTANBUL	KUWAIT	2181	211,206	-55.6
DUBAI	LONDON - GATWICK	5467	207,005	-78.9
CASABLANCA - ANFA	PARIS - CDG	1913	202,684	-63.8
DOHA	FRANKFURT	4582	199,287	-53.5
CASABLANCA - ANFA	PARIS - ORLY	1878	195,936	-71.5
BIRMINGHAM	DUBAI	5598	195,078	-72.2
ISTANBUL SABIHA GOKCEN	TEL AVIV	1107	192,842	-62.1
PARIS - CDG	TEL AVIV	3284	182,191	-78.4



Europe - Middle East & Africa traffic distribution



Thanks to strong links between Dubai and European capitals as well as other links between London, Istanbul or Paris and major Middle East airports such as Doha (DOH) or Abu Dhabi (AUH). Traffic between Europe and Africa has also decreased, but remained at a higher level, making it the top destination for European airports in 2020.

Sources : FRACS Air transport database



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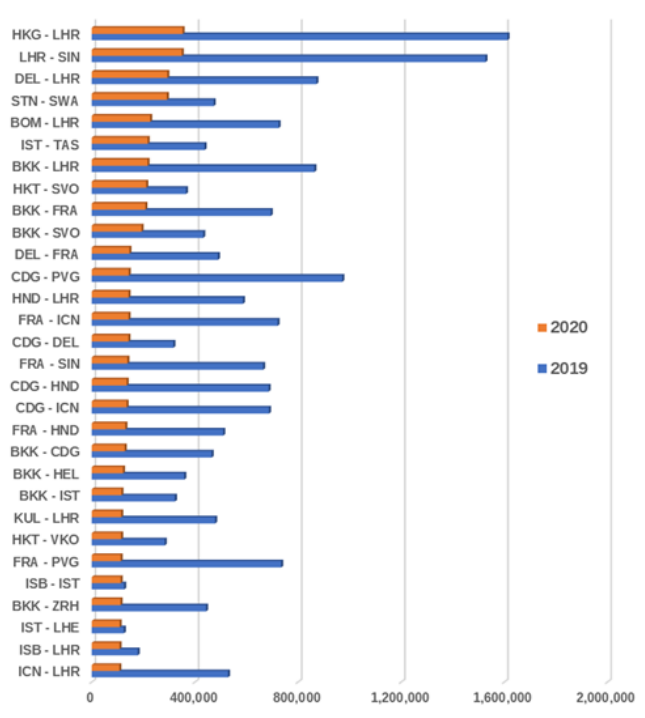
ASIA & OCEANIA

Main city-pairs 2020

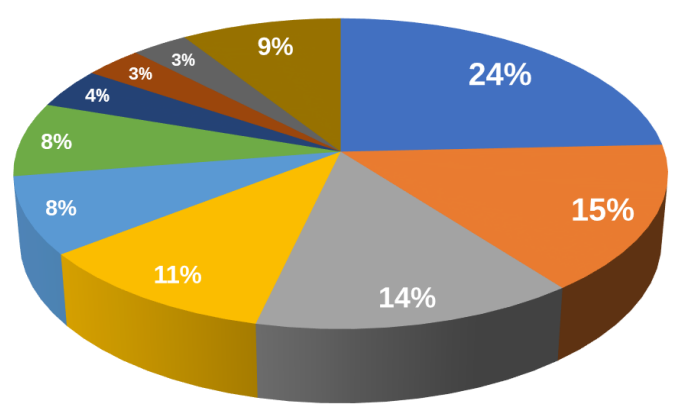
by regions

London Heathrow (LHR), despite a difficult year, has established itself as the main hub between Europe and Asia in 2020, with the route to Hong Kong (HKG) remaining the busiest, as it was last year, despite a -78.2% drop.

City / Airport	City / Airport	Dist. KM	2020	% 20/19
HONG KONG	LONDON - HEATHROW	9638	352,214	-78.2
LONDON - HEATHROW	SINGAPORE - CHANGI	10875	349,219	-77.1
DELHI	LONDON - HEATHROW	6727	293,018	-66.4
LONDON - STANSTED	SHANTOU	9619	291,148	-38.4
BOMBAY	LONDON - HEATHROW	7208	226,350	-68.8
ISTANBUL	TASHKENT	3359	216,933	-50.4
BANGKOK	LONDON - HEATHROW	9540	216,277	-74.9
PHUKET	MOSCOW - SHEREMETYEVO	7473	211,076	-42.2
BANGKOK	FRANKFURT	8963	207,796	-70.1
BANGKOK	MOSCOW - SHEREMETYEVO	7069	192,872	-55.4
DELHI	FRANKFURT	6118	146,046	-70.1
PARIS - CDG	SHANGHAI - PUDONG	9260	143,468	-85.2
TOKYO - HANEDA	LONDON - HEATHROW	9585	142,681	-75.7
FRANKFURT	SEOUL - INCHEON	8548	142,476	-80.2
PARIS - CDG	DELHI	6562	142,237	-55.1
FRANKFURT	SINGAPORE - CHANGI	10272	138,022	-79.2
PARIS - CDG	TOKYO - HANEDA	9700	135,451	-80.2
PARIS - CDG	SEOUL - INCHEON	8930	135,257	-80.3
FRANKFURT	TOKYO - HANEDA	9354	130,096	-74.5
BANGKOK	PARIS - CDG	9412	127,811	-72.5
BANGKOK	HELSINKI	7872	120,965	-66.3
BANGKOK	ISTANBUL	7477	115,161	-64.3
KUALA LUMPUR	LONDON - HEATHROW	10564	114,054	-76.2
PHUKET	MOSCOW - VNUKOV	7467	113,862	-59.8
FRANKFURT	SHANGHAI - PUDONG	8852	112,064	-84.7
ISLAMABAD	ISTANBUL	3958	111,973	-10.7
BANGKOK	ZURICH	9018	111,697	-74.8
ISTANBUL	LAHORE	4171	108,208	-12.9
ISLAMABAD	LONDON - HEATHROW	6062	107,872	-39.4
SEOUL - INCHEON	LONDON - HEATHROW	8863	106,712	-79.8



Europe - Asia & Oceania traffic distribution



- UNITED KINGDOM
- TURKEY
- GERMANY
- FRANCE
- NETHERLANDS
- RUSSIA
- FINLAND
- ITALY
- SWITZERLAND
- OTHERS

The United Kingdom, mainly from London (LHR), remains the main gateway to Asia in 2020, even strengthening its position with 24% of traffic (21% in 2019). The same goes for Turkey, now 2nd instead of Germany, which for its part is losing 2% of market share compared to the previous year. Other nations such as France or Netherlands are stagnating, with identical percentages from one year to the next.

Sources : FRACS Air transport database



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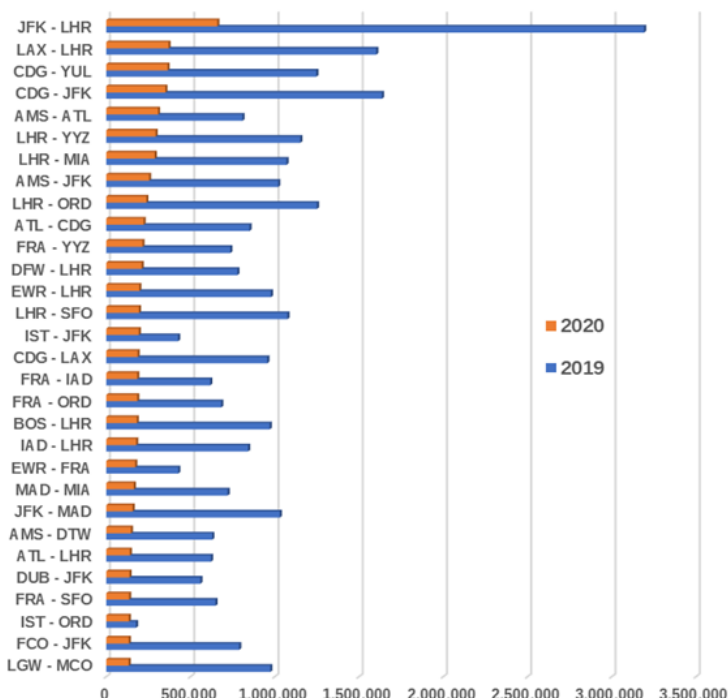
NORTH AMERICA

Main city-pairs 2020

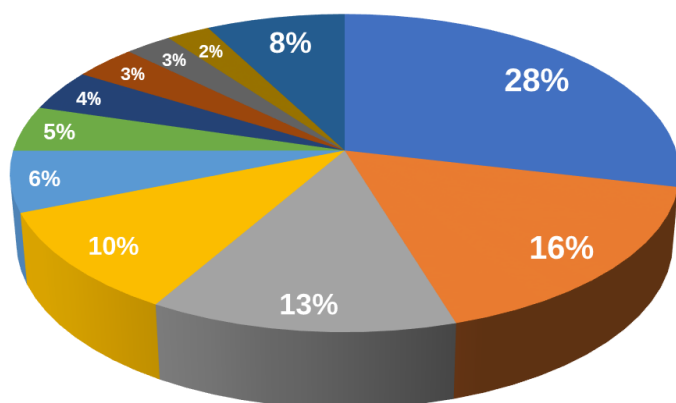
by regions

Traffic between Europe and North America has also been severely impacted by the pandemic, with a decline in passenger numbers between -60% and -82%. The New York (JFK) - London Heathrow (LHR) route remains at the top of the table, despite a -79.4% drop compared to last year.

City / Airport	City / Airport	Dist. KM	2020	% 20/19
NEW YORK - JF KENNEDY	LONDON - HEATHROW	5538	659,182	-79.4
LOS ANGELES INTL	LONDON - HEATHROW	8755	370,164	-76.9
PARIS - CDG	MONTREAL - DORVAL	5520	364,124	-70.8
PARIS - CDG	NEW YORK - JF KENNEDY	5830	351,536	-78.5
AMSTERDAM	ATLANTA	7061	307,308	-62.0
LONDON - HEATHROW	TORONTO	5704	292,973	-74.6
LONDON - HEATHROW	MIAMI - INTL	7104	288,335	-73.1
AMSTERDAM	NEW YORK - JF KENNEDY	5845	254,341	-75.1
LONDON - HEATHROW	CHICAGO - O'HARE	6340	238,020	-81.0
ATLANTA	PARIS - CDG	7050	222,017	-73.9
FRANKFURT	TORONTO	6339	215,617	-70.7
DALLAS - FORT WORTH	LONDON - HEATHROW	7618	210,470	-73.0
NEW YORK - NEWARK	LONDON - HEATHROW	5559	196,464	-79.9
LONDON - HEATHROW	SAN FRANCISCO	8612	194,126	-82.0
ISTANBUL	NEW YORK - JF KENNEDY	8024	193,506	-54.7
PARIS - CDG	LOS ANGELES INTL	9096	186,231	-80.5
FRANKFURT	WASHINGTON - DULLES	6545	184,184	-70.2
FRANKFURT	CHICAGO - O'HARE	6965	183,938	-73.1
BOSTON	LONDON - HEATHROW	5237	181,294	-81.3
WASHINGTON - DULLES	LONDON - HEATHROW	5898	177,565	-78.9
NEW YORK - JF KENNEDY	FRANKFURT	6207	172,457	-59.7
MADRID - BARAJA	MIAMI - INTL	7101	163,924	-77.3
NEW YORK - JF KENNEDY	MADRID - BARAJA	5759	156,834	-84.8
AMSTERDAM	DETROIT - WAYNE COUNTY	6320	146,858	-76.7
ATLANTA	LONDON - HEATHROW	6756	140,492	-77.4
DUBLIN	NEW YORK - JF KENNEDY	5101	138,230	-75.3
FRANKFURT	SAN FRANCISCO	9143	136,021	-79.0
ROMA - FIUMICINO	NEW YORK - JF KENNEDY	6862	134,482	-83.0
ISTANBUL	CHICAGO - O'HARE	8781	134,482	-23.9
LONDON - GATWICK	ORLANDO, FL	6987	133,715	-86.3



Europe - North America traffic distribution



In this region also it is the United Kingdom that maintains its first place with a distribution almost unchanged from 2020, despite the pandemic. Ireland, which was already facing a declining in tourism through 2019, sees its market share decline further in 2020.

Sources : FRACS Air transport database





AIR TRANSPORT TREND BULLETIN



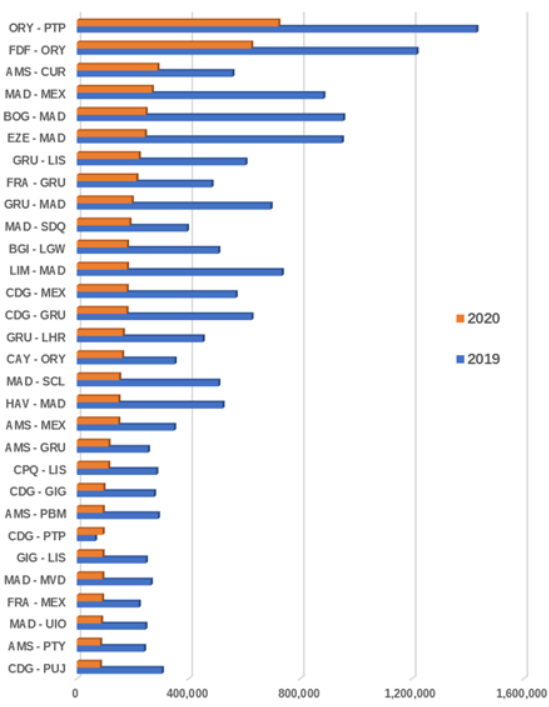
LATIN AMERICA & CARIBBEAN

Main city-pairs 2020

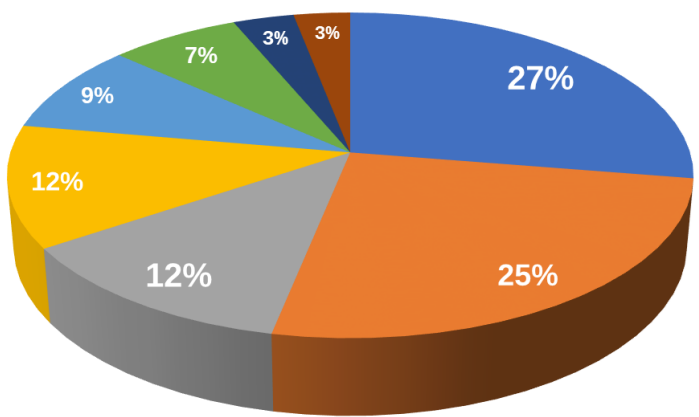
by regions

In 2020, Spain has lost its status as leader of traffic between Europe and Latin America for France, especially with connections between Paris (ORY) and overseas departments, such as Martinique or Guadeloupe. Those two countries represent more than half of the global traffic between these two regions.

City / Airport	City / Airport	Dist. KM	2020	% 20/19
PARIS - ORLY	POINTE A PITRE	6748	721,640	-49.6
FORT DE FRANCE	PARIS - ORLY	6847	624,358	-48.7
AMSTERDAM	CURACAO / WILLEMSTAD	7830	288,679	-48.2
MADRID - BARAJA	MEXICO CITY	9062	268,340	-69.6
BOGOTA	MADRID - BARAJA	8026	246,401	-74.2
BUENOS AIRES - EZEIZA	MADRID - BARAJA	10070	243,739	-74.3
SAO PAULO - GUARULHOS	LISBON	7929	221,787	-63.3
FRANKFURT	SAO PAULO - GUARULHOS	9792	213,334	-55.8
SAO PAULO - GUARULHOS	MADRID - BARAJA	8372	196,740	-71.6
MADRID - BARAJA	SANTO DOMINGO	6685	188,467	-52.2
BARBADOS	LONDON - GATWICK	6755	179,585	-64.5
LIMA	MADRID - BARAJA	9519	179,450	-75.6
PARIS - CDG	MEXICO CITY	9194	178,350	-68.6
PARIS - CDG	SAO PAULO - GUARULHOS	9399	177,913	-71.6
SAO PAULO - GUARULHOS	LONDON - HEATHROW	9454	164,708	-63.5
CAYENNE	PARIS - ORLY	7088	162,019	-53.7
MADRID - BARAJA	SANTIAGO DE CHILE	10717	151,358	-70.1
HAVANA	MADRID - BARAJA	7453	148,889	-71.5
AMSTERDAM	MEXICO CITY	9202	148,237	-57.4
AMSTERDAM	SAO PAULO - GUARULHOS	9770	113,288	-55.5
CAMPINAS	LISBON	7921	112,386	-60.5
PARIS - CDG	RIO DE JANEIRO - GALEAO	9179	95,009	-65.6
AMSTERDAM	PARAMARIBO	7520	92,863	-68.0
PARIS - CDG	POINTE A PITRE	6765	92,225	41.3
RIO DE JANEIRO - GALEAO	LISBON	7709	92,066	-62.7
MADRID - BARAJA	MONTEVIDEO	9940	91,217	-65.6
FRANKFURT	MEXICO CITY	9546	90,418	-59.2
MADRID - BARAJA	QUITO	8742	86,764	-64.6
AMSTERDAM	PANAMA CITY - TOCUMEN	8811	83,239	-65.4
PARIS - CDG	PUNTA CANA	7076	82,542	-72.9



Europe - Latin America traffic distribution



- FRANCE

SPAIN

NETHERLANDS

UNITED KINGDOM
- GERMANY

PORTUGAL

ITALY

OTHERS

Flights between the United Kingdom and Latin America were down significantly, as were flows with Spain and Germany, reducing their share of traffic. Only France stands out with a +6% jump in market share between the two years.

Sources : FRACS Air transport database

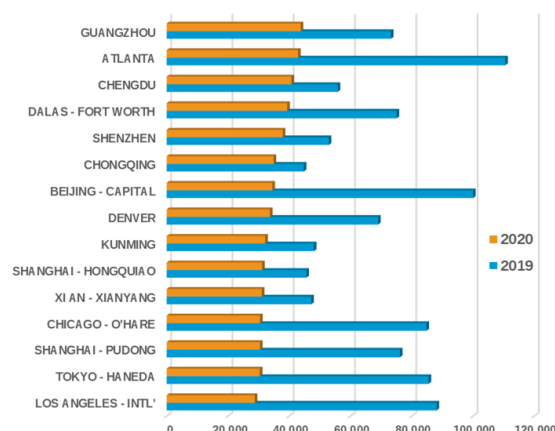


AIR TRANSPORT TREND BULLETIN

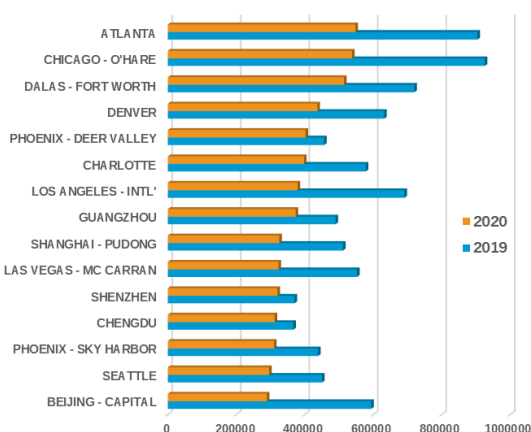


Main Airport's traffic Q2 2021 - Top 15

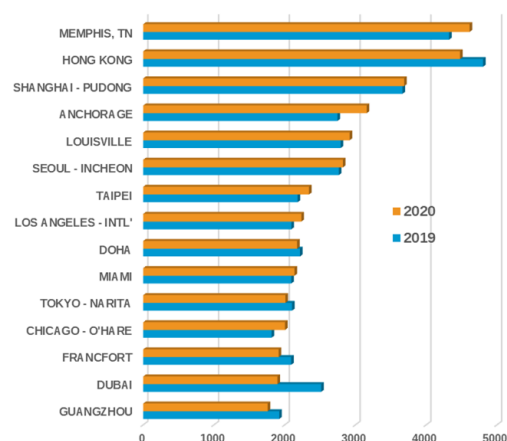
Airports	Passengers 2020 ('000)	20/19 (%)	Q1 21/20 (%)	Q2 21/20 (%)
GUANGZHOU	43,768	-40.2	26.8	50.2
ATLANTA	42,919	-61.2	-46.0	565.8
CHENGDU	40,742	-27.0	32.5	64.1
DALAS - FORT WORTH	39,365	-47.6	-31.0	308.0
SHENZHEN	37,916	-28.4	32.9	30.8
CHONGQING	34,938	-22.0	-	-
BEIJING - CAPITAL	34,514	-65.5	-29.3	216.1
DENVER	33,741	-51.1	-26.8	425.5
KUNMING	32,206	-33.0	43.6	82.4
SHANGHAI - HONGQIAO	31,165	-31.7	51.0	75.2
XI AN - XIANYANG	31,074	-34.2	-	18.0
CHICAGO - O'HARE	30,507	-64.0	-52.2	485.0
SHANGHAI - PUDONG	30,477	-60.0	-17.3	179.7
TOKYO - HANEDA	30,434	-64.4	-71.0	156.5
LOS ANGELES - INTL'	28,781	-67.3	-62.3	529.5
Total*	2,882,000	-63.2		



Airports	Movements 2020	20/19 (%)	Q1 21/20 (%)	Q2 21/20 (%)
ATLANTA	548,016	-39.4	-24.0	184.2
CHICAGO - O'HARE	538,211	-41.9	-43.5	128.3
DALAS - FORT WORTH	514,702	-28.5	-16.4	106.0
DENVER	436,964	-30.9	-20.9	130.5
PHOENIX - DEER VALLEY	402,444	-11.9	-29.5	-29.8
CHARLOTTE	397,997	-31.2	-21.4	122.3
LOS ANGELES - INTL'	379,364	-45.1	-38.9	142.9
GUANGZHOU	373,425	-23.8	30.5	21.8
SHANGHAI - PUDONG	325,680	-36.4	11.8	64.1
LAS VEGAS - MC CARRAN	323,422	-41.5	-34.8	206.8
SHENZHEN	320,348	-13.5	27.7	10.9
CHENGDU	311,971	-14.9	25.5	30.7
PHOENIX - SKY HARBOR	310,324	-29.3	-22.5	116.7
SEATTLE	296,048	-34.3	-24.1	124.9
BEIJING - CAPITAL	289,496	-51.3	-7.6	98.3
Total*	42,277,000	-47.8		



Airports	Cargo 2020 ('000 tons)	20/19 (%)	Q1 21/20 (%)	Q2 21/20 (%)
MEMPHIS, TN	4,613	6.7	4.8	-2.5
HONG KONG	4,477	-6.8	13.0	11.3
SHANGHAI - PUDONG	3,688	0.6	37.8	14.1
ANCHORAGE	3,158	15.0	38.6	11.0
LOUISVILLE	2,917	4.6	10.5	9.9
SEOUL - INCHEON	2,822	2.1	18.3	28.8
TAIPEI	2,343	7.3	33.8	26.8
LOS ANGELES - INTL'	2,235	6.7	37.7	27.2
DOHA	2,175	-1.8	19.3	50.2
MIAMI	2,138	2.2	19.0	23.8
TOKYO - NARITA	2,010	-4.4	23.8	48.8
CHICAGO - O'HARE	2,004	10.5	53.1	35.3
FRANCFORT	1,914	-8.5	21.4	34.0
DUBAI	1,897	-24.6	-3.1	63.7
GUANGZHOU	1,759	-8.4	31.1	19.3
Total*	96,900	-9.0		



* Preliminary results based on 1700 airports

Sources : ACI and FRACS Air transport database





AIR TRANSPORT TREND BULLETIN



Airliners Orders and Deliveries Q2 2021

Orders and deliveries have fluctuated in the positive in comparison with 2020 results, with the exception of Airbus orders, which are falling into the red in the first half of 2021. After the crisis experienced by Boeing before the pandemic, linked to the withdrawal of the 737 Max, the number of orders at the American manufacturer explodes in 2021 with large orders from several local companies.

Deliveries

Deliveries	Q1 2021	Q2 2021	H1 2021	H1 21/20 Variation	2020
Airbus	125	125	250	54	566
Boeing	77	77	154	84	156
Embraer	6	14	20	11	37
ATR	n.a.	26	37	-	10
Sukhoi	21	19	40	32	18

Orders

Orders	Q1 2021	Q2 2021	H1 2021	H1 21/20 Variation	2020
Airbus	39	199	238	-132	388
Boeing	271	315	586	527	184
Embraer	-15	14	-1	29	-6
ATR	2	1	3	-	7
Sukhoi	0	30	30	30	0

Deliveries by aircraft type

Deliveries	Type	Q1 2021	Q2 2021	H1 2021	H1 21/20 Variation	2020
Airbus	A222	9	8	17	6	38
	A320	105	89	194	37	446
	A330	1	5	6	1	19
	A350	10	22	32	9	59
	A380	0	1	1	1	4
Boeing	B737	63	49	112	103	43
	B747	1	1	2	1	5
	B767	5	7	12	-2	30
	B777	6	8	14	4	25
	B787	2	12	14	-22	53
Embraer	EMB170	0	0	0	0	0
	EMB175	2	0	2	-3	26
	EMB190	2	8	10	7	1
	EMB195	5	6	11	10	10
ATR	ATR-42	1	7	8	-	10
	ATR-72	10	19	29	-	10
Sukhoi	SSJ100	21	19	40	32	18

Orders by aircraft type

Orders	Type	Q1 2021	Q2 2021	H1 2021	H1 21/20 Variation	2020
Airbus	A222	20	0	53	-5	64
	A320	18	14	178	-108	296
	A330	1	0	3	3	2
	A350	0	0	3	-18	21
	A380	0	0	1	1	0
Boeing	B737	235	281	516	498	130
	B747	5	0	5	4	1
	B767	27	18	45	36	11
	B777	0	11	11	9	13
	B787	4	5	9	-20	29
Embraer	EMB170	0	0	0	0	0
	EMB175	-15	7	-8	24	-11
	EMB190	0	0	0	0	1
	EMB195	0	7	7	5	4
ATR	ATR-42	0	0	0	-3	8
	ATR-72	2	1	3	-2	8
Sukhoi	SSJ100	0	0	0	0	0

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 in January 2022 !

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 Si-morre** 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.

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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).

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