



AIR TRANSPORT TREND BULLETIN



Main traffic flows Europe-World in 2019

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 2020 first results and main airlines fleets

This quarter you will find :

- Main airlines Q2 2020 traffic results with 2019/20 comparison
- Main traffic flows 2019 (city-pairs) between Europe and the rest of the World by regions
- Top 15 airports by passenger traffic, aircrafts movements and cargo for Q2 2020
- Airlines Q2 2020 orders and deliveries with 2019/20 evolution

We wish you will enjoy reading us!

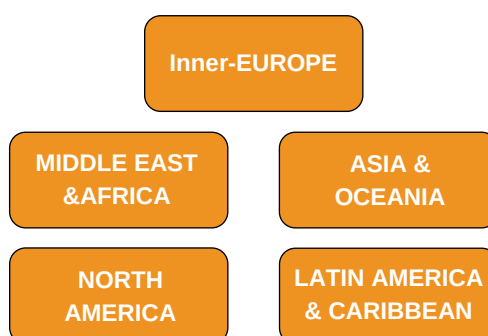
Any question or suggestion concerning this publication or the databases are welcome at :

atd@fracs.aero

Summary

1 - Main Airlines' traffic Q2 2020

2 - Main traffic flows Europe-World by regions (city-pairs)



3 - Main Airport's traffic Q2 2020 - Top 15

4 - Airlines Orders and Deliveries Q2 2020

5 - Our Databases and Services





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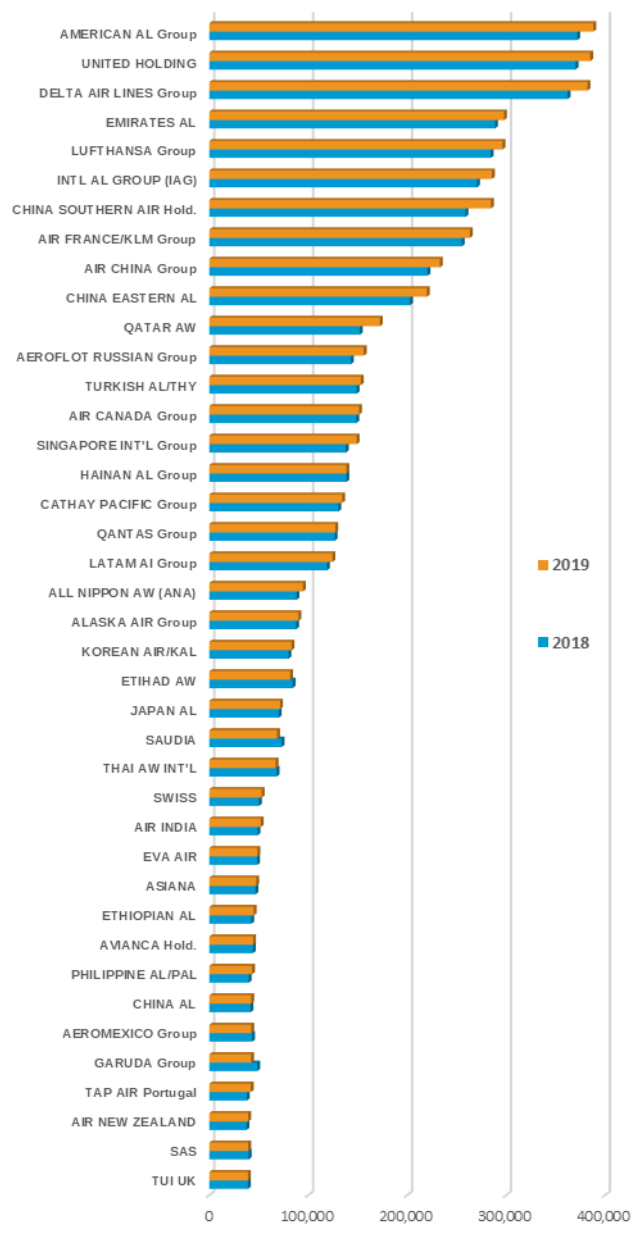


Main Airlines' traffic Q2 2020

Q2 2020 will remain as one of the worst for the entire aviation industry. Most of the airlines were close to a complete shutdown. Only some Chinese carriers and Garuda were still recording 30-40% of their traffic (compared to 2019), mainly because of the beginning of recovery of domestic traffic.

AIRLINES	RPK ¹ (millions) 2019	19/18 (%)	Q1 20/19 (%)	Q2 20/19 (%)
AMERICAN AL Group	388,254	4.4	-18.9	-89.6
UNITED HOLDING	385,211	4.0	-18.6	-94.1
DELTA AIR LINES Group	382,400	5.5	-16.6	-94.3
EMIRATES AL	298,000	3.1	-15.1	-
LUFTHANSA Group	296,500	4.2	-23.9	-97.2
INTL AL GROUP (IAG)	285,800	5.6	-15.2	-98.5
CHINA SOUTHERN AIR Hold.	284,900	10.0	-53.2	-62.6
AIR FRANCE/KLM Group	263,500	3.2	-9.8	-94.9
AIR CHINA Group	233,178	5.6	-51.4	-71.1
CHINA EASTERN AL	220,000	8.4	-54.4	-69.9
QATAR AW	172,600	13.4	-	-
AEROFLOT RUSSIAN Group	156,250	9.2	-17.9	-92.1
TURKISH AL/THY	153,200	2.7	-14.5	-98.1
AIR CANADA Group	151,460	1.9	-17.8	-96.7
SINGAPORE INT'L Group	149,100	8.0	-23.0	-99.5
HAIRNAN AL Group	138,700	-	-	-
CATHAY PACIFIC Group	134,400	2.9	-45.5	-99.1
QANTAS Group	127,500	0.6	-	-
LATAM AI Group	124,500	4.5	-10.1	-97.0
ALL NIPPON AW (ANA)	94,659	7.3	-22.2	-91.8
ALASKA AIR Group	90,200	2.5	-14.4	-88.7
KOREAN AIR/KAL	83,300	3.9	-29.5	-92.2
ETIHAD AW	81,700	-3.1	-	-
JAPAN AL	71,614	1.9	-24.6	-97.5
SAUDIA	68,573	-6.2	-	-
THAI AW INT'L	67,200	-1.5	-21.6	-99.8
SWISS	53,100	5.6	-20.1	-97.6
AIR INDIA	52,100	6.8	-10.8	-89.0
EVA AIR	48,700	0.6	-26.1	-96.8
ASIANA	47,500	1.5	-35.3	-87.5
ETHIOPIAN AL	45,000	5.6	-	-
AVIANCA Hold.	44,400	0.7	-24.0	-
PHILIPPINE AL/PAL	43,300	1.6	-	-
CHINA AL	42,500	1.7	-27.5	-98.3
AEROMEXICO Group	42,470	-2.1	-15.9	-92.6
GARUDA Group	42,400	-12.6	-29.0	-64.5
TAP AIR Portugal	42,000	10.5	-6.3	-98.5
SAS	39,400	-1.3	-18.4	-96.0
AIR NEW ZEALAND	39,400	4.8	-9.8	-94.9
TUI UK	39,200	0.0	-34.2	-99.7

Main Airlines RPK¹ - 2019/18



AIRLINES (low-cost)	PAX ² (000') 2019	19/18 (%)	Q1 20/19 (%)	Q2 20/19 (%)
SOUTHWEST AL	162,700	-0.6	-21.2	-80.5
RYANAIR	152,400	9.6	-12.3	-98.8
EASYJET AL	96,679	9.4	-18.5	-99.3
INDIGO AL	74,700	20.9	2.5	-93.3
JETBLUE AW	42,700	1.2	-19.7	-94.4

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 2019

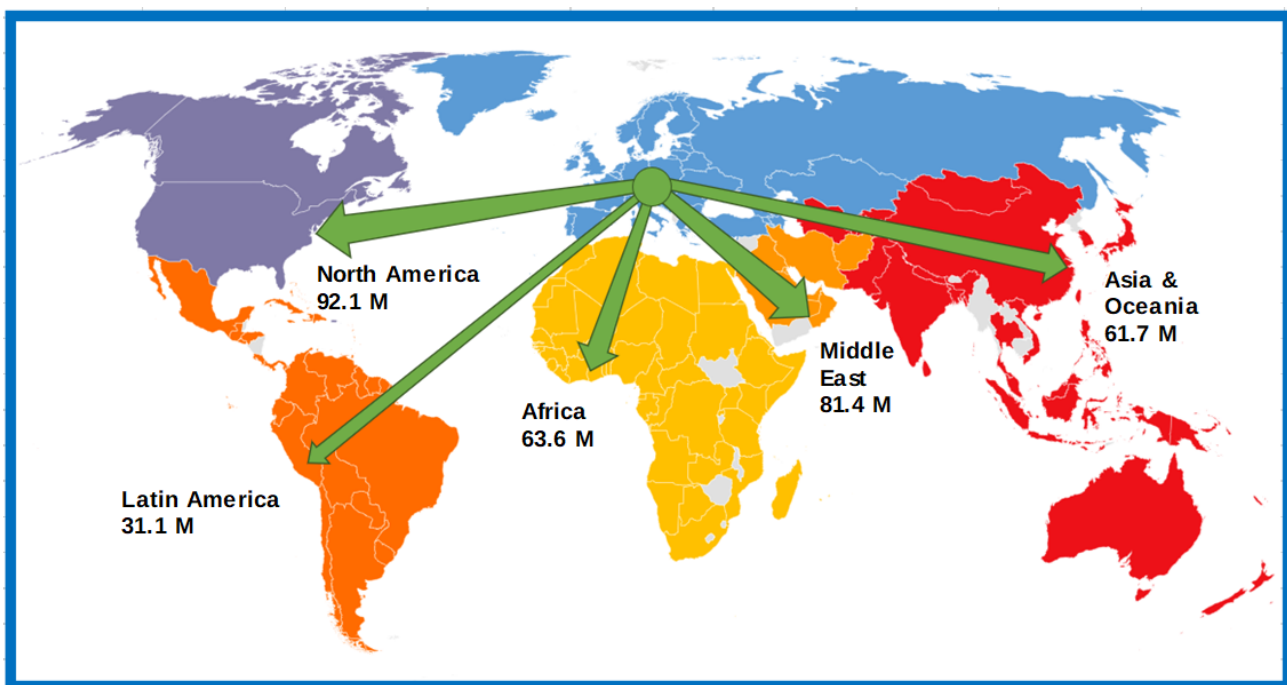
This is the distribution of air passenger traffic between Europe* and the rest of the world in 2019 by region.

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.

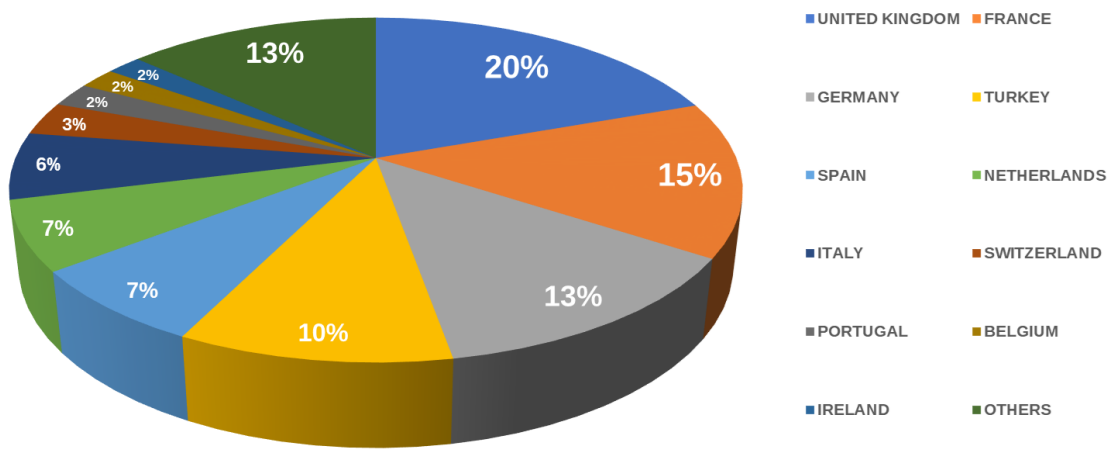
Local passengers only : Passengers joining or leaving an aircraft at the reporting airport, even if they are continuing their journey on another aircraft carrying the same flight number.

	PAX 2018	PAX 2019	% 19/18
North America	88,707,710	92,143,370	3.9
Middle East	77,324,293	81,355,151	5.2
Africa	58,839,675	63,623,754	8.1
Asia & Oceania	58,864,883	61,729,769	4.9
Latin America	29,354,285	31,137,720	6.1
Total*	313,090,846	329,989,764	5.4

*Russian intl. data not complete



Europe intercontinental traffic distribution 2019



Sources : FRACS Air transport database



AIR TRANSPORT TREND BULLETIN

EUROPE

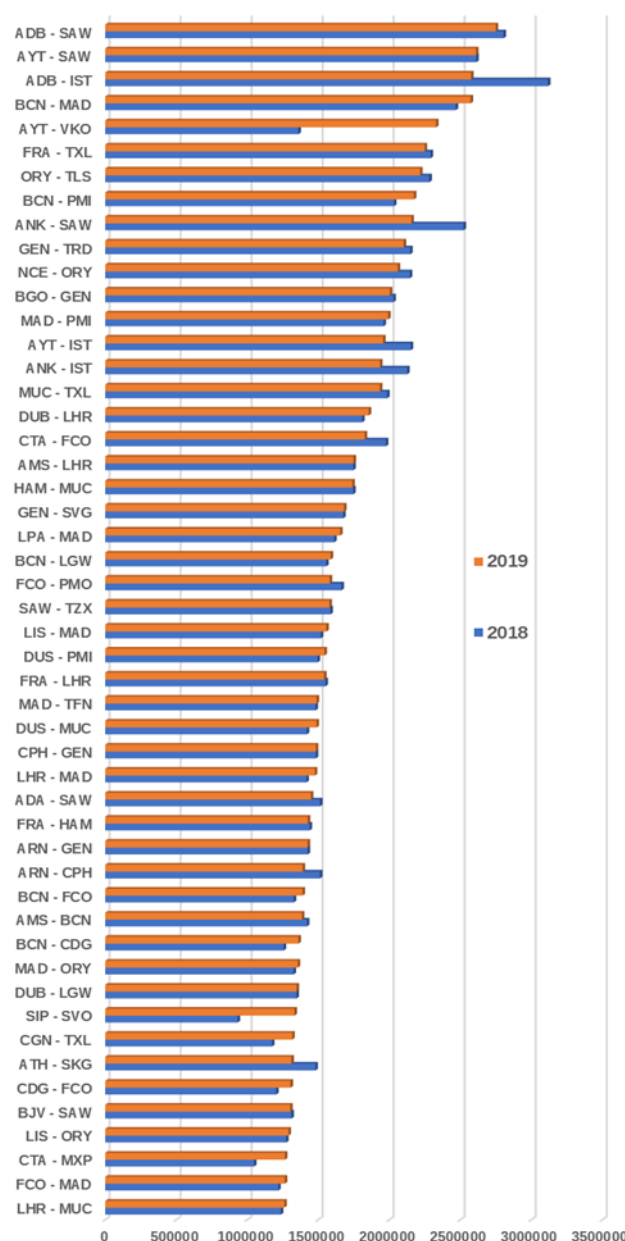


Main city-pairs 2019

by regions

Istanbul results, combine Atatürk (ISL) and the new Istanbul airport (IST), as the second one replaced the first one in April 2019. Also in Turkey, Antalya airport (AYT) continued its impressive increase (+91% since 2016), driven by the intl' traffic in particular with Russia. More globally, in Europe most of the grow came from intl' traffic, while domestic traffic registered a small decrease.

Type	City / Airport	City / Airport	Dist. KM	2019	% 19/18
Dom	IZMIR - ADNAN MENDERS	ISTANBUL SABIHA GOKCEN	342	2,749,414	-2.0
Dom	ANTALYA	ISTANBUL SABIHA GOKCEN	459	2,610,859	-0.1
Dom	IZMIR - ADNAN MENDERS	ISTANBUL*	359	2,575,570	-17.4
Dom	BARCELONA	MADRID	484	2,572,325	4.2
Intra	ANTALYA	MOSCOW - VNUKOVO	2131	2,329,578	71.2
Dom	FRANKFURT	BERLIN - TEGEL	433	2,248,716	-1.8
Dom	PARIS - ORLY	TOULOUSE	572	2,216,636	-2.9
Dom	BARCELONA	PALMA DE MALLORCA	202	2,173,116	6.9
Dom	ANKARA	ISTANBUL SABIHA GOKCEN	320	2,155,414	-14.6
Dom	OSLO - GARDERMOEN	TRONDHEIM	361	2,101,417	-2.1
Dom	NICE	PARIS - ORLY	673	2,059,087	-4.0
Dom	BERGEN	OSLO - GARDERMOEN	324	2,004,018	-1.2
Dom	MADRID	PALMA DE MALLORCA	546	1,992,095	1.7
Dom	ANTALYA	ISTANBUL*	514	1,956,772	-9.0
Dom	ANKARA	ISTANBUL*	376	1,934,690	-9.0
Dom	MUNICH	BERLIN - TEGEL	505	1,933,810	-2.6
Intra	DUBLIN	LONDON - HEATHROW	449	1,855,333	2.5
Dom	CATANIA	ROMA - FIUMICINO	537	1,826,886	-7.6
Intra	AMSTERDAM	LONDON - HEATHROW	371	1,748,216	0.1
Dom	HAMBURG	MUNICH	623	1,740,129	-0.3
Dom	OSLO - GARDERMOEN	STAVANGER	340	1,681,389	0.4
Intra	LAS PALMAS	MADRID	1769	1,654,204	2.6
Intra	BARCELONA	LONDON - GATWICK	1108	1,587,613	2.0
Dom	ROMA - FIUMICINO	PALERMO	418	1,580,412	-5.0
Dom	ISTANBUL SABIHA GOKCEN	TRABZON	878	1,578,549	-0.5
Intra	LISBON	MADRID	512	1,557,411	2.6
Intra	DUSSELDORF	PALMA DE MALLORCA	1340	1,544,287	3.3
Intra	FRANKFURT	LONDON - HEATHROW	653	1,541,211	-0.6
Intra	MADRID	TENERIFE - N. LOSRODEO	1768	1,488,849	0.5
Dom	DUSSELDORF	MUNICH	499	1,488,008	4.8
Intra	COPENHAGEN	OSLO - GARDERMOEN	518	1,483,054	0.0
Intra	LONDON - HEATHROW	MADRID	1245	1,476,034	4.2
Dom	ADANA	ISTANBUL SABIHA GOKCEN	674	1,448,183	-4.3
Dom	FRANKFURT	HAMBURG	412	1,426,018	-0.9
Intra	STOCKHOLM - ARLANDA	OSLO - GARDERMOEN	385	1,425,199	0.0
Intra	STOCKHOLM - ARLANDA	COPENHAGEN	546	1,390,123	-8.1
Intra	BARCELONA	ROMA - FIUMICINO	845	1,388,922	4.6
Intra	AMSTERDAM	BARCELONA	1241	1,384,850	-2.5
Intra	BARCELONA	PARIS - CDG	858	1,360,998	8.3
Intra	MADRID	PARIS - ORLY	1030	1,355,170	2.2
Intra	DUBLIN	LONDON - GATWICK	484	1,347,200	0.0
Intra	SIMFEROPOL	MOSCOW - SHEREMETYEVO	1243	1,332,683	42.9
Dom	COLOGNE	BERLIN - TEGEL	463	1,317,136	12.1
Dom	ATHENS	THESSALONIKI	298	1,310,819	-11.5
Intra	PARIS - CDG	ROMA - FIUMICINO	1101	1,304,921	8.4
Dom	MILAS	ISTANBUL SABIHA GOKCEN	417	1,302,734	-0.7
Intra	LISBON	PARIS - ORLY	1438	1,290,347	1.3
Dom	CATANIA	MILANO - MALPENSA	1048	1,265,798	20.7
Intra	ROMA - FIUMICINO	MADRID	1329	1,264,877	3.8
Intra	LONDON - HEATHROW	MUNICH	945	1,261,316	2.0



* Istanbul results include IST and ISL for 2019

Sources : FRACS Air transport database





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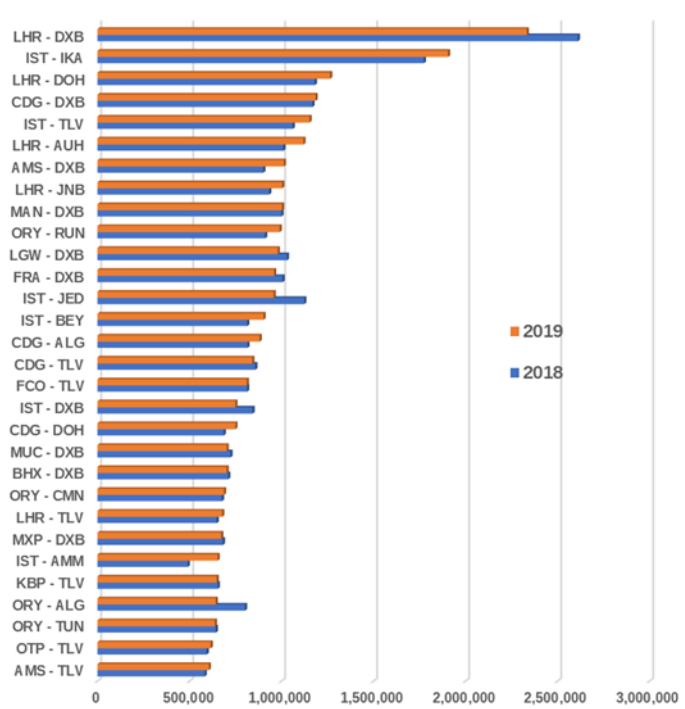


AFRICA & MIDDLE EAST

Main city-pairs 2019 by regions

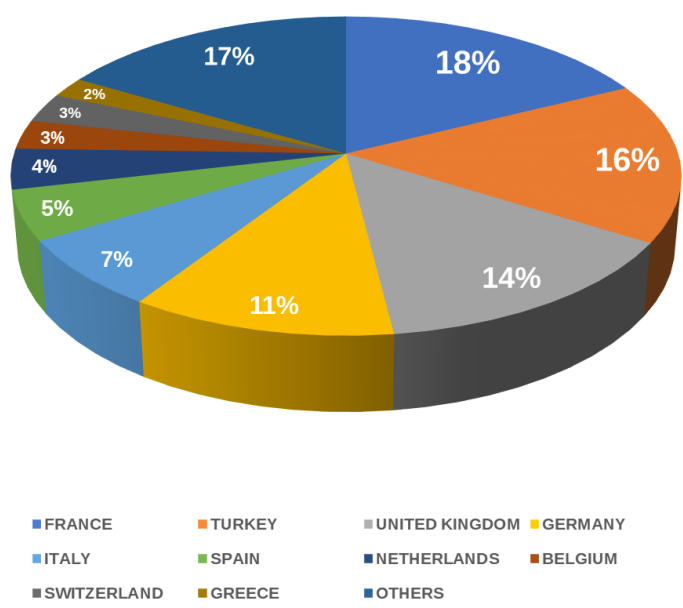
Most of the routes with Dubai the main hub in this region, registered decreases. Indeed, for the first time in more than 30 years, Dubai passenger traffic stopped its grow and even decreased a little in 2019.

City / Airport	City / Airport	Dist. KM	2019	% 19/18
LONDON - HEATHROW	DUBAI	5491	2,333,127	-10.6
ISTANBUL*	TEHRAN IMAM KHOMIENI	2050	1,905,433	7.4
LONDON - HEATHROW	DOHA	5235	1,264,687	7.0
PARIS - CDG	DUBAI	5233	1,185,456	1.5
ISTANBUL*	TEL AVIV	1166	1,152,545	8.6
LONDON - HEATHROW	ABU DHABI	5490	1,119,673	10.8
AMSTERDAM	DUBAI	5162	1,013,503	12.4
LONDON - HEATHROW	JOHANNESBURG	9077	1,004,190	7.6
MANCHESTER	DUBAI	5649	1,002,656	0.2
PARIS - ORLY	ST DENIS	9351	990,186	8.6
LONDON - GATWICK	DUBAI	5467	979,723	-4.9
FRANKFURT	DUBAI	4838	959,985	-4.6
ISTANBUL*	JEDDAH	2405	957,563	-14.8
ISTANBUL*	BEIRUT	1015	902,777	10.9
PARIS - CDG	ALGIERS	1370	881,620	8.2
PARIS - CDG	TEL AVIV	3284	841,616	-1.9
ROMA - FIUMICINO	TEL AVIV	2279	811,690	-0.2
ISTANBUL*	DUBAI	3023	749,682	-11.1
PARIS - CDG	DOHA	4964	749,499	9.2
MUNICH	DUBAI	4557	702,475	-2.9
BIRMINGHAM	DUBAI	5598	702,283	-1.2
PARIS - ORLY	CASABLANCA	1895	687,703	1.7
LONDON - HEATHROW	TEL AVIV	3587	678,130	4.6
MILANO - MALPENSA	DUBAI	4702	673,017	-1.3
ISTANBUL*	AMMAN	1216	653,383	33.0
KIEV-BORISPOL	TEL AVIV	2067	647,741	-1.0
PARIS - ORLY	ALGIERS	1337	643,120	-19.8
PARIS - ORLY	TUNIS	1464	637,971	-0.9
BUCHAREST - OTOPENI	TEL AVIV	1587	616,106	3.7
AMSTERDAM	TEL AVIV	3311	605,224	3.8



* Istanbul results include IST and ISL for 2019

Europe - Middle East & Africa traffic distribution



The traffic with Africa registered the fastest grow in 2019, mainly from the routes between South European countries (Spain, Italy,...) and North Africa (Morocco, Egypt,...). Turkish traffic with Middle Eastern countries also registered strong increases, except for Saudi Arabia (-7.4%).

Sources : FRACS Air transport database



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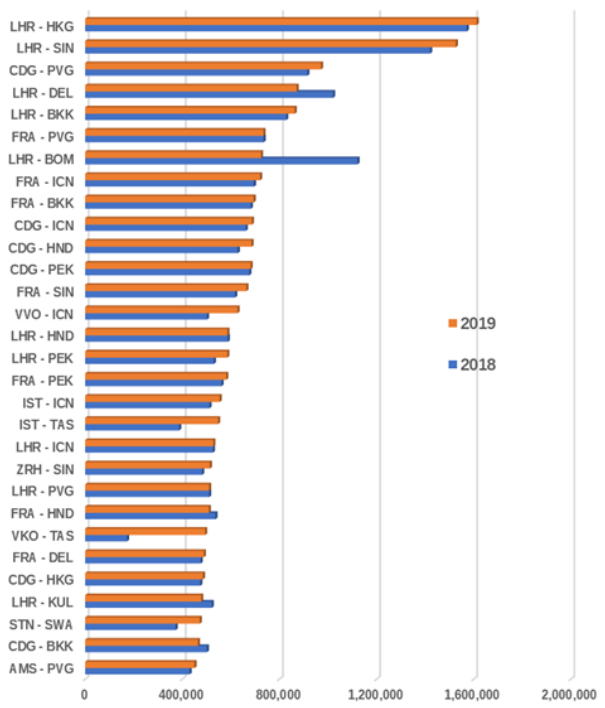


ASIA & OCEANIA

Main city-pairs 2019 by regions

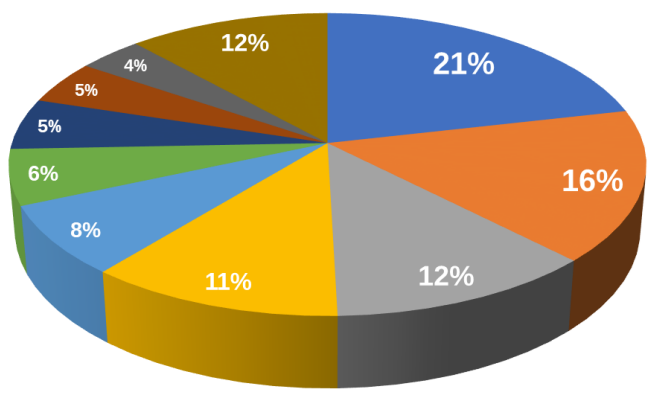
The traffic with India stopped its continuous grow and registered a decrease in 2019. It came mainly from the biggest routes, with Paris (CDG), London (LHR) and Amsterdam (AMS). While the traffic continued to grow on the smaller ones.

City / Airport	City / Airport	Dist. KM	2019	% 19/18
LONDON - HEATHROW	HONG KONG	9638	1,612,530	2.6
LONDON - HEATHROW	SINGAPORE	10875	1,526,634	7.4
PARIS - CDG	SHANGHAI - PUDONG	9260	971,765	6.1
LONDON - HEATHROW	DELHI	6727	871,188	-14.7
LONDON - HEATHROW	BANGKOK	9540	863,175	4.2
FRANKFURT	SHANGHAI - PUDONG	8852	734,636	-0.1
LONDON - HEATHROW	MUMBAI - CHH. SHIVAJI	7208	724,449	-35.4
FRANKFURT	SEOUL - INCHEON	8548	720,808	3.6
FRANKFURT	BANGKOK	8963	694,292	1.7
PARIS - CDG	SEOUL - INCHEON	8930	687,078	3.8
PARIS - CDG	TOKYO - HANEDA	9700	685,694	9.0
PARIS - CDG	BEIJING - CAPITAL	8184	682,062	0.8
FRANKFURT	SINGAPORE	10272	664,446	7.4
VLADIVOSTOK	SEOUL - INCHEON	752	627,843	25.0
LONDON - HEATHROW	TOKYO - HANEDA	9585	586,226	-0.3
LONDON - HEATHROW	BEIJING - CAPITAL	8150	585,832	10.5
FRANKFURT	BEIJING - CAPITAL	7782	581,296	3.4
ISTANBUL*	SEOUL - INCHEON	7936	554,530	8.2
ISTANBUL*	TASHKENT	3359	547,806	41.3
LONDON - HEATHROW	SEOUL - INCHEON	8863	528,363	0.3
ZURICH	SINGAPORE	10298	514,248	6.7
LONDON - HEATHROW	SHANGHAI - PUDONG	9235	510,675	-0.1
FRANKFURT	TOKYO - HANEDA	9354	509,547	-5.1
MOSCOW - VNUKOV	TASHKENT	2813	494,492	186.3
FRANKFURT	DELHI	6118	489,108	2.7
PARIS - CDG	HONG KONG	9599	485,458	2.2
LONDON - HEATHROW	KUALA LUMPUR	10564	478,219	-8.3
LONDON - STANSTED	SHANTOU	9619	472,590	26.6
PARIS - CDG	BANGKOK	9412	464,682	-7.4
AMSTERDAM	SHANGHAI - PUDONG	8903	450,761	4.6



* Istanbul results include IST and ISL for 2019

Europe - Asia & Oceania traffic distribution



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

The United Kingdom and London (LHR) stayed the main entry door to Asia last year, despite a relative stagnation (+0.7%). Turkey registered the fastest grow by +12.9% compared to 2018.

Sources : FRACS Air transport database



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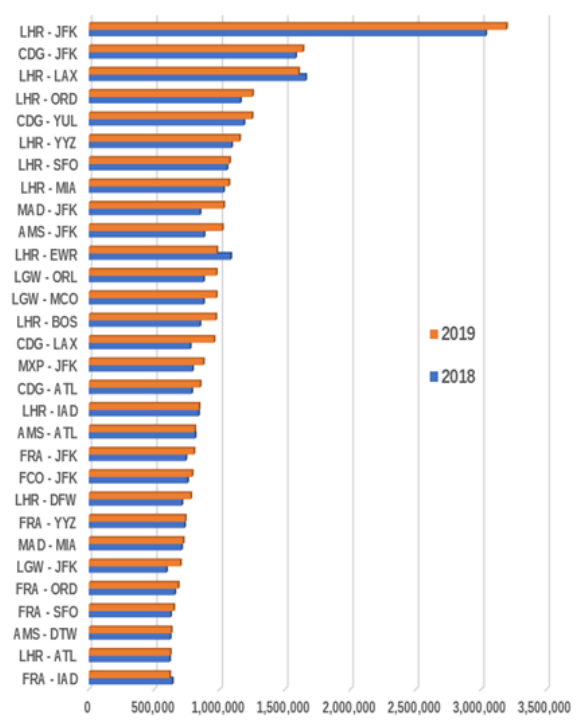


NORTH AMERICA

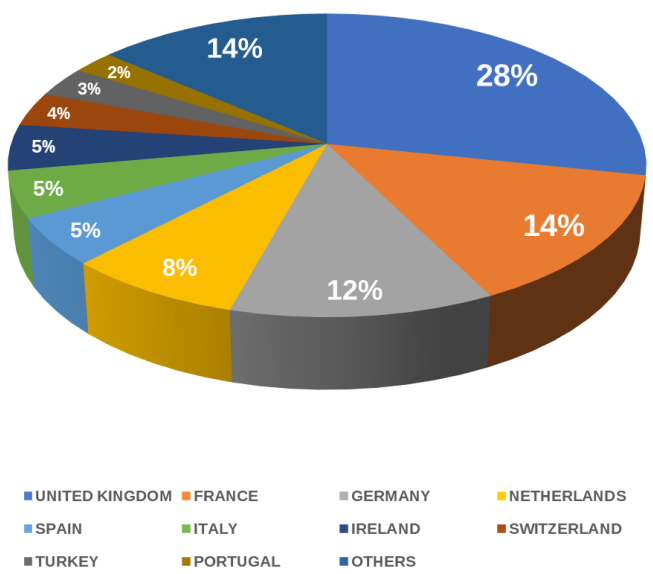
Main city-pairs 2019 by regions

The traffic between Europe and North America was still the most important last year, but also recorded the slower grow by +3.9% compared to 2018.

City / Airport	City / Airport	Dist. KM	2019	% 19/18
LONDON - HEATHROW	NEW YORK - JF KENNEDY	5538	3,192,195	5.2
PARIS - CDG	NEW YORK - JF KENNEDY	5830	1,636,425	3.6
LONDON - HEATHROW	LOS ANGELES INTL	8755	1,602,892	-3.3
LONDON - HEATHROW	CHICAGO - O'HARE	6340	1,250,426	7.9
PARIS - CDG	MONTREAL - P.E. TRUDEAU	5520	1,247,300	5.2
LONDON - HEATHROW	TORONTO	5704	1,151,792	5.5
LONDON - HEATHROW	SAN FRANCISCO	8612	1,075,554	1.9
LONDON - HEATHROW	MIAMI	7104	1,069,986	3.9
MADRID	NEW YORK - JF KENNEDY	5759	1,030,397	21.2
AMSTERDAM	NEW YORK - JF KENNEDY	5845	1,020,699	15.9
LONDON - HEATHROW	NEW YORK - NEWARK	5559	977,730	-9.8
LONDON - GATWICK	ORLANDO	6987	973,978	11.1
LONDON - GATWICK	ORLANDO	6982	973,978	11.1
LONDON - HEATHROW	BOSTON	5237	970,239	14.2
PARIS - CDG	LOS ANGELES INTL	9096	956,610	23.5
MILANO - MALPENSA	NEW YORK - JF KENNEDY	6409	875,232	10.5
PARIS - CDG	ATLANTA	7050	850,686	8.1
LONDON - HEATHROW	WASHINGTON - DULLES	5898	842,269	0.5
AMSTERDAM	ATLANTA	7061	808,734	-0.4
FRANKFURT	NEW YORK - JF KENNEDY	6186	802,632	8.3
ROMA - FIUMICINO	NEW YORK - JF KENNEDY	6861	789,066	4.6
LONDON - HEATHROW	DALLAS - FORT WORTH	7618	778,797	9.6
FRANKFURT	TORONTO	6339	736,800	0.8
MADRID	MIAMI	7101	720,623	1.7
LONDON - GATWICK	NEW YORK - JF KENNEDY	5566	699,766	17.9
FRANKFURT	CHICAGO - O'HARE	6965	682,905	4.1
FRANKFURT	SAN FRANCISCO	9143	648,411	3.9
AMSTERDAM	DETROIT - MET. WAYNE COUNTY	6320	629,375	1.2
LONDON - HEATHROW	ATLANTA	6756	621,852	0.8
FRANKFURT	WASHINGTON - DULLES	6545	617,074	-3.2



Europe - North America traffic distribution



Here again the strongest increases were for South European countries, particularly Spain (+13.8%) and Italy (+12.2%). The worst results were for routes to Iceland (-41.4%), as tourism felt down after close to ten years of two digit increases.

Sources : FRACS Air transport database



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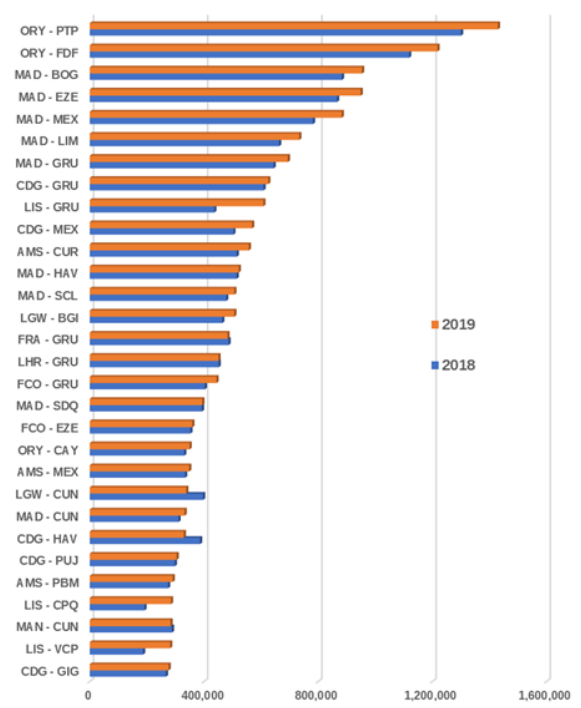
LATIN AMERICA & CARIBBEAN

Main city-pairs 2019

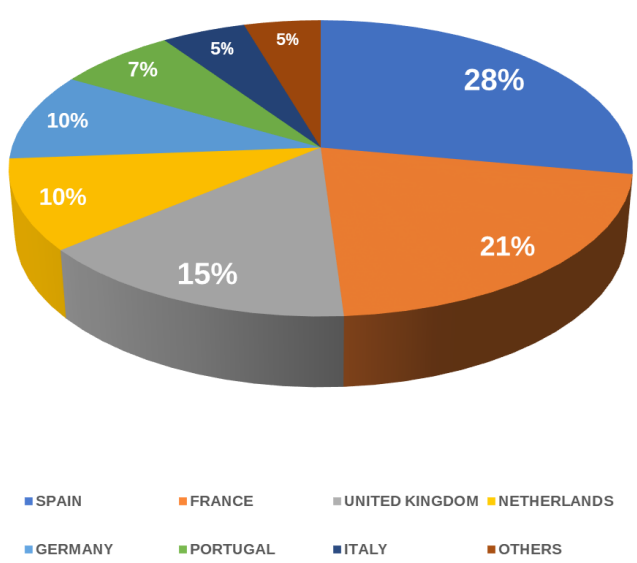
by regions

Last year Spain and its main airport Madrid-Bajaras (MAD) reinforced its leader position on the Europe - Latin America market. Lisbon airport (LIS) routes with Brazil also registered strong increases.

City / Airport	City / Airport	Dist. KM	2019	% 19/18
PARIS - ORLY	POINTE A PITRE	6748	1,429,676	9.9
PARIS - ORLY	FORT DE FRANCE	6847	1,218,281	8.9
MADRID	BOGOTA	8026	953,618	7.9
MADRID	BUENOS AIRES - EZEIZA	10070	949,120	9.6
MADRID	MEXICO CITY	9062	882,700	12.9
MADRID	LIMA	9519	734,080	10.7
MADRID	SAO PAULO - GUARULHOS	8372	693,933	7.7
PARIS - CDG	SAO PAULO - GUARULHOS	9399	625,469	2.7
LISBON	SAO PAULO - GUARULHOS	7929	608,346	39.5
PARIS - CDG	MEXICO CITY	9194	568,812	13.1
AMSTERDAM	CURACAO / WILLEMSTAD	7830	557,243	8.2
MADRID	HAVANA	7453	521,935	1.4
MADRID	SANTIAGO DE CHILE	10717	506,539	6.0
LONDON - GATWICK	BARBADOS	6755	506,291	9.1
FRANKFURT	SAO PAULO - GUARULHOS	9792	482,453	-0.8
LONDON - HEATHROW	SAO PAULO - GUARULHOS	9454	450,794	-0.2
ROMA - FIUMICINO	SAO PAULO - GUARULHOS	9425	443,974	10.1
MADRID	SANTO DOMINGO	6685	394,025	0.2
ROMA - FIUMICINO	BUENOS AIRES - EZEIZA	11140	359,229	1.9
PARIS - ORLY	CAYENNE	7088	349,858	5.7
AMSTERDAM	MEXICO CITY	9202	348,241	4.2
LONDON - GATWICK	CANCUN	7921	337,866	-14.9
MADRID	CANCUN	7900	332,132	6.8
PARIS - CDG	HAVANA	7735	329,364	-14.8
PARIS - CDG	PUNTA CANA	7076	304,301	2.1
AMSTERDAM	PARAMARIBO	7520	290,426	5.9
LISBON	CAMPINAS	7921	284,441	48.3
MANCHESTER	CANCUN	7741	283,126	-1.7
LISBON	SAO PAULO - CAMPINAS VIRACOPOS	7921	281,690	50.8
PARIS - CDG	RIO DE JANEIRO - GALEAO	9179	276,306	3.6



Europe - Latin America traffic distribution



Traffic from Spain (+10.3%) and Portugal (+11.4%) routes to Latin America were responsible for a large amount of the grow registered last year (+6.1%).

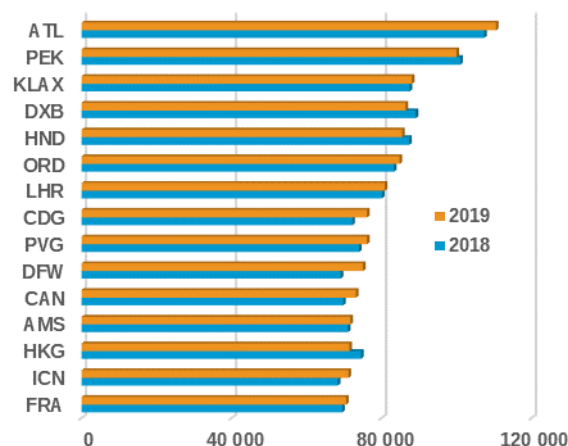


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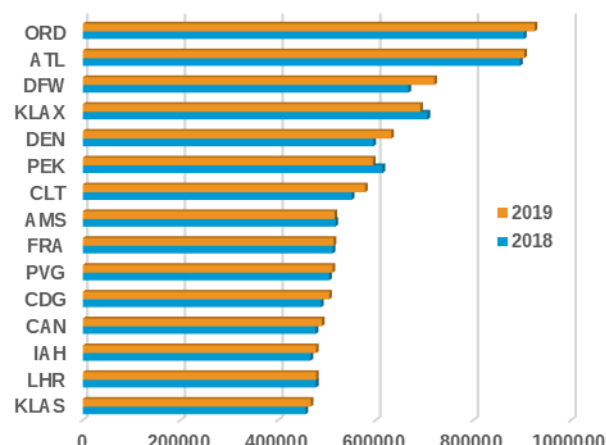


Main Airport's traffic Q2 2020 - Top 15

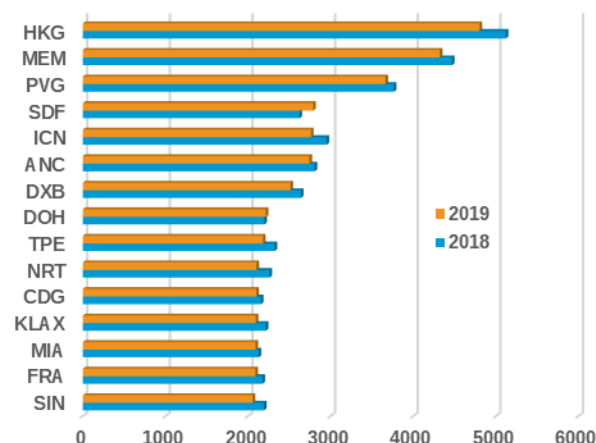
Airports	Passengers 2019 ('000)	19/18 (%)	Q1 20/19 (%)	Q2 20/19 (%)
ATLANTA	110,531	2.9	-18.2	-90.1
BEIJING - CAPITAL	100,011	-1.0	-62.6	-84.9
LOS ANGELES - INTL'	88,107	0.7	-21.9	-91.7
DUBAI	86,414	-3.1	-19.8	-99.0
TOKYO - HANEDA	85,509	-2.1	-28.5	-90.8
CHICAGO - O'HARE	84,816	1.8	-21.2	-89.9
LONDON - HEATHROW	80,889	1.0	-18.3	-96.2
PARIS - CDG	76,150	5.4	-20.5	-95.2
SHANGHAI - PUDONG	76,148	2.9	-57.1	-78.7
DALLAS / FORT WORTH	75,062	8.6	-12.3	-79.1
GUANGZHOU	73,209	4.9	-53.8	-58.2
AMSTERDAM	71,707	0.9	-20.8	-95.8
HONG KONG	71,437	-4.2	-56.5	-99.3
SEOUL - INCHEON	71,204	4.2	-42.5	-97.3
FRANCFORT	70,556	1.5	-24.9	-94.4
Total*	8,157,052	2.9		



Airports	Movements 2019	19/18 (%)	Q1 20/19 (%)	Q2 20/19 (%)
CHICAGO - O'HARE	925,650	2.4	-3.1	-69.5
ATLANTA	904,301	1.0	-5.5	-72.6
DALLAS / FORT WORTH	720,007	7.9	-0.4	-54.6
LOS ANGELES - INTL'	691,257	-2.1	-7.8	-70.9
DENVER	631,961	6.1	2.4	-60.3
BEIJING - CAPITAL	594,329	-3.2	-51.0	-68.3
CHARLOTTE	578,263	4.9	-1.0	-56.6
AMSTERDAM	515,811	-0.4	-12.6	-84.5
FRANCFORT	513,912	0.4	-18.4	-82.6
SHANGHAI - PUDONG	511,807	1.4	-42.5	-48.6
PARIS - CDG	504,836	3.4	-14.1	-84.7
GUANGZHOU	489,979	2.6	-39.6	-38.6
HOUSTON - INTL'	478,064	2.4	-4.4	-73.0
LONDON - HEATHROW	478,002	0.0	-12.0	-84.1
LAS VEGAS - MC CARRAN	467,200	2.4	-6.9	-73.7
Total*	81,047,445	1.0		



Airports	Cargo 2019 (('000 tons)	19/18 (%)	Q1 20/19 (%)	Q2 20/19 (%)
HONG KONG	4,803	-6.2	-10.7	-9.6
MEMPHIS	4,323	-3.3	-6.8	8.6
SHANGHAI - PUDONG	3,664	-2.7	-7.6	7.6
LOUISVILLE	2,790	6.4	2.2	1.6
SEOUL - INCHEON	2,764	-6.4	2.5	-5.0
ANCHORAGE	2,745	-2.2	-3.5	17.6
DUBAI	2,515	-4.8	-11.4	-40.6
DOHA	2,216	0.8	4.4	-19.6
TAIPEI	2,182	-6.0	-0.3	0.3
TOKYO - NARITA	2,103	-7.0	2.0	-16.5
PARIS - CDG	2,102	-2.5	-13.5	-30.5
LOS ANGELES - INTL'	2,094	-5.5	-7.8	2.3
MIAMI	2,092	-1.7	-6.2	-7.6
FRANCFORT	2,091	-3.9	-11.8	-17.3
SINGAPOUR	2,057	-6.3	-7.8	-36.9
Total*	109,303	-2.7		



* Preliminary results based on 1200 airports

Sources : ACI and FRACS Air transport database





AIR TRANSPORT TREND BULLETIN



Airliners Orders and Deliveries Q2 2020

The fall of both orders and deliveries continued in Q2, all airliners reduced their production rates in order to adapt. Even Airbus, which resisted a bit better has cut its production by - 40% since April, and delivered the third of the aircrafts delivered in Q2 2019.

Deliveries

Deliveries	Q1 2020	Q2 2020	H1 2020	H1 2019 Variation	2019
Airbus	122	74	196	-192	863
Boeing	50	20	70	-169	380
Embraer	5	4	9	-28	89
ATR	n.a.	n.a.	n.a.	-	68
Sukhoi	8	0	8	3	15

Orders

Orders	Q1 2020	Q2 2020	H1 2020	H1 2019 Variation	2019
Airbus	356	14	370	157	1131
Boeing	49	10	59	-49	243
Embraer	-15	0	-15	-49	61
ATR	7	n.a.	n.a.	-	65
Sukhoi	0	0	0	-6	6

Deliveries by aircraft type

Deliveries	Type	Q1 2020	Q2 2020	H1 2020	H1 2019 Variation	2019
Airbus	A222	8	3	11	-10	48
	A320	96	61	157	-137	642
	A330	4	1	5	-11	53
	A350	14	9	23	-30	112
	A380	0	0	0	-4	8
Boeing	B737	5	4	9	-104	127
	B747	0	1	1	-3	7
	B767	10	4	14	-8	43
	B777	6	4	10	-12	45
	B787	29	7	36	-42	158
Embraer	EMB170	0	0	0	0	0
	EMB175	3	2	5	-27	67
	EMB190	1	2	3	1	11
	EMB195	1	0	1	-2	11
ATR	ATR-42	n.a.	n.a.	n.a.	-	68
	ATR-72	n.a.	n.a.	n.a.	-	
Sukhoi	SSJ100	8	0	8	3	15

Orders by aircraft type

Orders	Type	Q1 2020	Q2 2020	H1 2020	H1 2019 Variation	2019
Airbus	A222	58	0	58	39	118
	A320	272	14	286	135	796
	A330	0	0	0	-2	104
	A350	21	0	21	-20	113
	A380	0	0	0	0	0
Boeing	B737	18	0	18	-18	67
	B747	0	1	1	1	0
	B767	2	7	9	-1	26
	B777	0	2	2	-20	38
	B787	29	0	29	-11	112
Embraer	EMB170	0	0	0	0	0
	EMB175	-15	-2	-17	-39	44
	EMB190	0	0	0	2	-17
	EMB195	0	2	2	-12	34
ATR	ATR-42	3	n.a.	n.a.	-	41
	ATR-72	4	n.a.	n.a.	-	24
Sukhoi	SSJ100	0	0	0	-6	6

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 2021 !

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** and **Mehrdad Farzin Pour** 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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