



AIR TRANSPORT TREND BULLETIN



ATD 2024 Survey

Like every beginning of year, we are already launching our annual survey of the world's airports. ATD Analytics traffic flow data will therefore be regularly updated throughout the year.

The web-based air transport data platform



This global air traffic analysis tool guarantees precise knowledge and analysis of airports.

ATD Analytics brings together air transport data, with granularity ranging from annual to monthly data, and a powerful analytical visualization tool for all types of use.

Determine and analyze terminal traffic flows to put in place reliable strategies and an effective action plan for your:

- Competitive intelligence
- Benchmarking
- Route development
- Monitoring and analysis of your local or national airspace
- Tax strategy development
- Consulting
- Data analysis

Access passengers, RPK, freight and movement statistics for total exhaustiveness.

What our customers are saying:

"Montpellier Méditerranée Airport's Route development department has been using ATD Analytics since the end of 2022. The tool provides easy access to traffic flows for most air routes from French airports, with a history of several years for most markets. Volumes can be compared using easy-to-use queries. Fully satisfied with the tool, we recommend it."

Free Trial

In order to make our offering more dynamic and complete, we are working hard on enhancing this data with socio-economic statistics, which will eventually enable us to add a traffic forecasting module to ATD Analytics.

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





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Traffic flows USA-World in 2022 and Q3 - 2023

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

This quarter you will find:

- Main airlines Q3 2023 traffic results with 2023/22 comparison
- Main traffic flows 2022 (country-pairs) between the USA and the rest of the World by region
- Top 15 airports by passenger traffic, aircrafts movements and cargo for Q3 2023
- Airliners Q3 2023 orders and deliveries with 2023/22 evolution

We wish you a pleasant read!

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

atd@fracs.aero

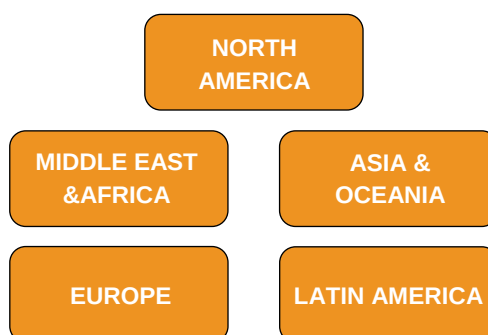
If you missed the last issue, you could consult it by following this link:

[Q2 2023 first results and main European traffic flows](#)

Summary

1 - Main Airlines' traffic Q3 2023

2 - Traffic flows USA - World by region



3 - Main Airport's traffic Q3 2023 - Top 15

4 - Airliners Orders and Deliveries Q3 2023

5 - Our Databases and Services



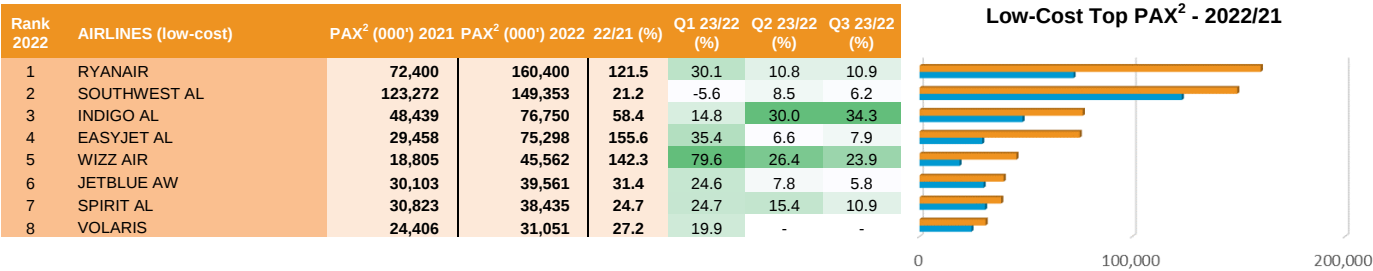
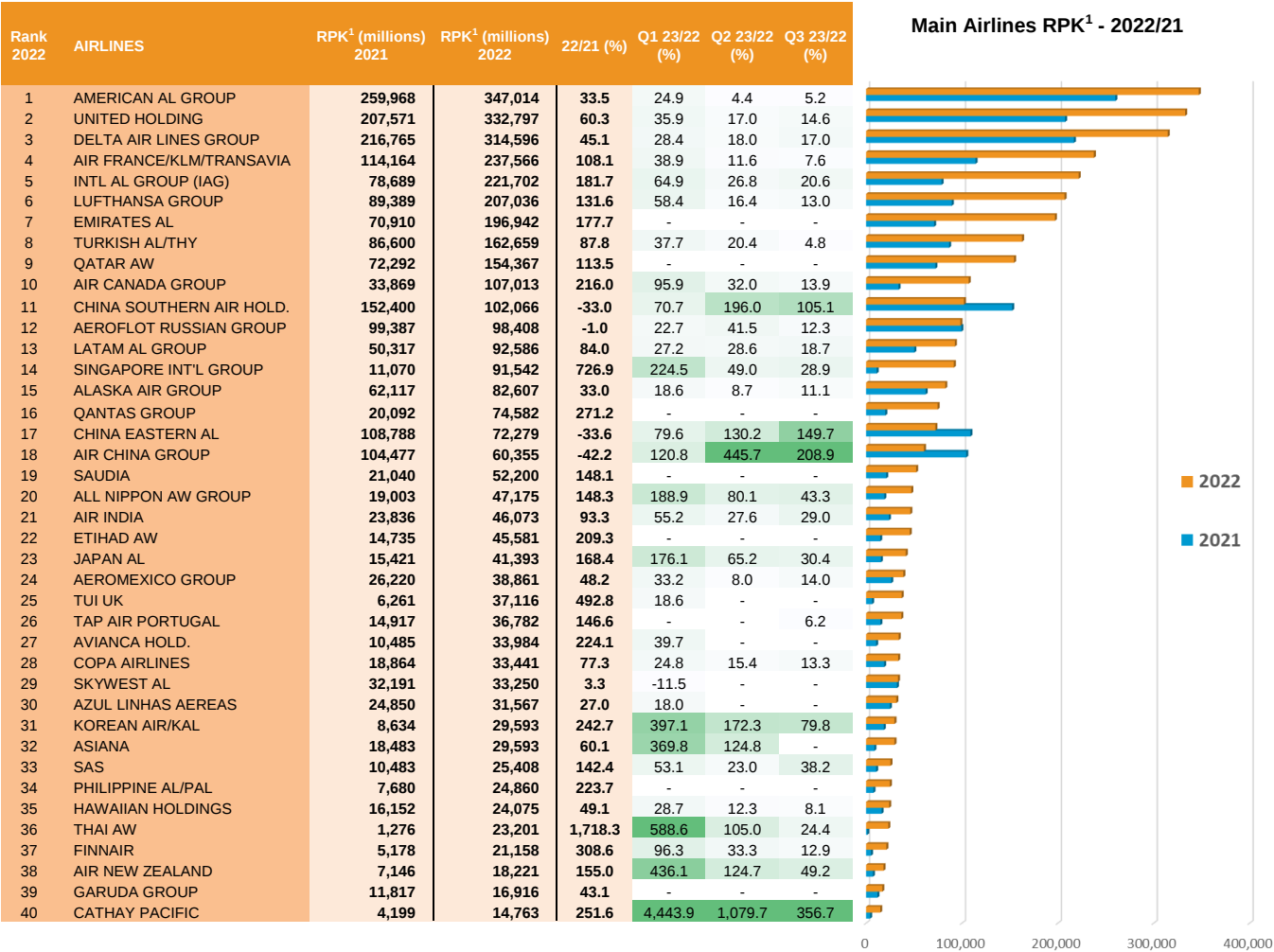


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Main Airlines' traffic Q3 2023

The results of the leading airlines for the third quarter of 2023 show an increasingly stable recovery in global traffic. All the airlines in the Top 40 have announced figures higher than in Q3 2022. Some are now exceeding the results recorded for the same period in 2019, before the COVID-19 crisis.



¹ Revenue Passenger-Kilometers

² Revenue Passengers carried

Sources : FRACS Air transport database



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2022 Traffic flows USA-World by regions

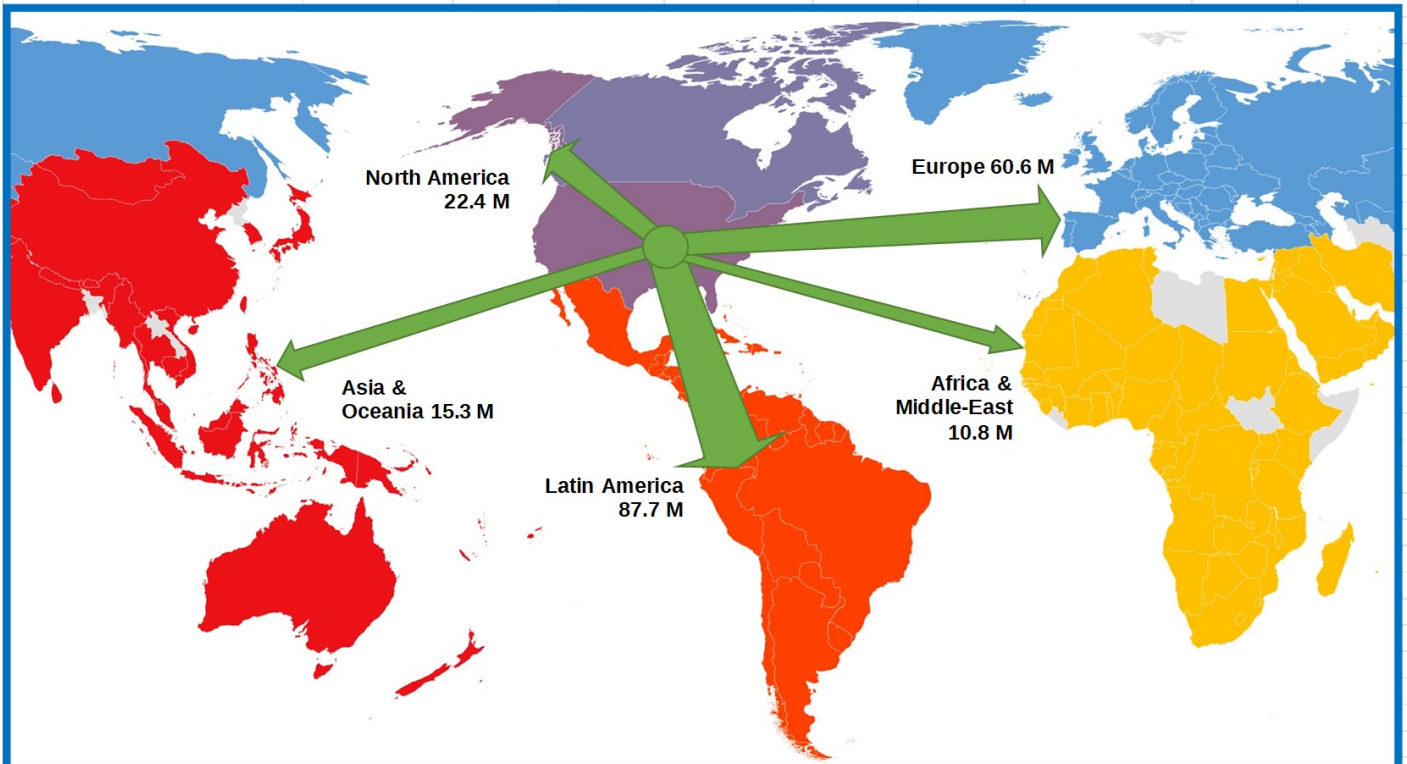
This table shows the distribution of air passenger on the routes between the USA and the rest of the world in 2022 by region. It also gives the number and the percentage of US residents in the traffic flows with each region. And finally, the domestic and global traffic of US airports in 2022.

	US Residents	% 22/21	% 22/19	Non US	% 22/21	% 22/19	Total	% 22/21	% 22/19
AMERIQUE LATINE	57,467,625	39%	11%	30,184,991	25%	-17%	87,652,616	34%	-1%
EUROPE	33,698,472	186%	-16%	26,880,173	307%	-29%	60,578,642	229%	-22%
AMERIQUE DU NORD	7,574,714	379%	-37%	14,794,731	306%	-33%	22,369,445	329%	-35%
ASIE & OCEANIE	6,231,837	316%	-60%	9,020,640	215%	-68%	15,252,475	250%	-65%
AFRIQUE & MOYENT ORIENT	5,795,951	98%	15%	4,998,343	77%	-5%	10,794,293	87%	5%
TOTAL INTL.	113,093,322	96%	-14%	92,097,602	142%	-34%	205,190,918	114%	-25%
TOTAL DOMESTIQUE*							737,367,350	23%	-8%
TOTAL*							942,558,268	35%	-12%

*Domestic traffic 200+ Airports US

U.S. air traffic shows that U.S. residents have picked up their travel habit faster than the rest of the world, in 2022, surpassing 2019 in some regions. An increase in overall traffic of +35% is remarkable between 2022 and 2021, still behind 2019's statistics by -12%.

The evolution of traffic by continent is analyzed in the following pages (one page per region).



Intl. US traffic flows distribution in 2022

Sources : FRACS Air transport database, DOT and ACI



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NORTH AMERICA



The USA flows 2022

by regions

Airport 1	Airport 2	2022 (000)	% 22/21	% 22/19	Dist. Km
NY - JF KENNEDY	LOS ANGELES INTL	2,783	33.1	-22.7	3,971
HARTSFIELD	ORLANDO	2,579	20.3	-13.8	649
MC CARRAN	LOS ANGELES INTL	2,449	31.8	-21.7	379
HARTSFIELD	HOLLYWOOD	2,357	12.9	-13.0	937
LOS ANGELES INTL	CHICAGO - O'HARE	2,308	21.9	-18.2	2,801
HONOLULU	LOS ANGELES INTL	2,281	20.1	-3.1	4,106
LOS ANGELES INTL	SAN FRANCISCO	2,278	47.7	-35.4	544
NY - LA GUARDIA	CHICAGO - O'HARE	2,209	89.5	-28.8	1,177
STAPLETON	MC CARRAN	2,197	24.0	13.5	989
STAPLETON	SKY HARBOR	2,174	8.8	0.9	949
HONOLULU	KAHULUI	2,091	74.8	-0.3	163
DALLAS - FORT WORTH	LOS ANGELES INTL	2,051	3.1	-15.7	1,981
ANCHORAGE INTL	TACOMA	1,966	20.5	-4.3	2,324
STAPLETON	CHICAGO - O'HARE	1,955	7.8	-5.7	1,446
NY - NEWARK	ORLANDO, FL	1,946	4.0	-6.6	1,508
NY - JF KENNEDY	SAN FRANCISCO	1,931	72.2	-3.6	4,150
NY - JF KENNEDY	MIAMI INTL	1,930	10.1	70.9	1,754
HARTSFIELD	NY - LA GUARDIA	1,927	40.0	-20.1	1,223
HARTSFIELD	TAMPA - INTL	1,874	17.1	-12.3	657
HARTSFIELD	MIAMI INTL	1,872	6.3	1.2	960
NY - NEWARK	LOS ANGELES INTL	1,862	76.3	4.1	3,938
DALLAS - FORT WORTH	MC CARRAN	1,836	8.6	9.0	1,694
ORLANDO	PHILADELPHIA INTL	1,792	8.0	-3.3	1,388
MC CARRAN	TACOMA	1,788	12.2	-4.4	1,393
NY - LA GUARDIA	MIAMI INTL	1,768	50.6	7.5	1,765
HARTSFIELD	LOS ANGELES INTL	1,739	9.1	-21.6	3,122
HARTSFIELD	DALLAS - FORT WORTH	1,717	10.4	-6.2	1,172
HARTSFIELD	STAPLETON	1,713	12.7	-1.7	1,939
STAPLETON	LOS ANGELES INTL	1,696	2.3	-26.1	1,363
LOS ANGELES INTL	TACOMA	1,680	15.1	-32.5	1,537

Top 30 USA domestic routes 2022 (PAX)

US domestic traffic continues to approach pre-pandemic figures, +23% over the past year, or -8% of the domestic traffic in 2019.

JFK - Los Angeles regains its position as leader for domestic routes in the United States in 2019, ahead of Atlanta Hartsfield - Orlando, which is now in second place.

Although the gap with the 2019 results is still noticeable for most traffic, the trend is positive compared with the previous year. Some US domestic routes are even managing to exceed their pre-pandemic performance, such as Denver Stapleton - Las Vegas McCarran (+13.5%) or New York JFK - Miami International (+70.9%).

In the North American region, traffic between the US and Canada has picked up again after two years of drastic decline, with an increase in the number of US residents using these air routes (29% in 2021 to 33% in 2022, close to 2019's 35%).

The same trend is noticeable for Bermuda, with an increase in the number of US residents US residents on these routes (from 30% to 34% year-on-year).

Traffic flow USA - NORTH AMERICA by country

	US Residents	% 21/20	% 21/19	Non US	% 21/20	% 21/19	Total	% 21/20	% 21/19	%US Residents
CANADA	7,335,487	407%	-37%	14,636,139	311%	-33%	21,971,626	339%	-34%	33%
BERMUDA	239,227	80%	-45%	158,592	98%	-40%	397,819	87%	-43%	60%
NORTH AMERICA	7,574,714	379%	-37%	14,794,731	306%	-33%	22,369,445	329%	-35%	34%

Sources : FRACS Air transport database and DOT





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AFRICA & MIDDLE EAST

The USA flows 2022

by regions

In 2022, traffic between Africa & the Middle East and the USA continued to grow, even exceeding 2019 passenger numbers. Notably, US residents resumed travel to this region in greater numbers, increasing their share of traffic on the majority of connections.

Qatar remains at the top of the rankings with an overall increase of +49% in passengers, followed by the region's former leader, the United Arab Emirates remaining under 2019 figures (-20%).

With the opening of direct routes with Senegal during the pandemic, the trend between the US and this country continues upward with an increase of +48% this year, or +636% when compared with the figures recorded in 2019.

Top 15 traffic flows USA - AFRICA & MIDDLE EAST by country

(split passenger US resident / non US)

	US Residents	% 22/21	% 22/19	Non US	% 22/21	% 22/19	Total	% 22/21	% 22/19	% US Residents
QATAR	1,529,543	66%	70%	1,617,804	62%	33%	3,147,347	64%	49%	49%
UAE	1,454,615	101%	-15%	1,678,124	153%	-25%	3,132,739	126%	-20%	46%
ISRAEL	1,192,890	187%	3%	725,061	26%	8%	1,917,951	94%	5%	62%
JORDAN	248,950	114%	35%	104,844	71%	0%	353,794	99%	23%	70%
SOUTH AFRICA	216,835	238%	25%	107,584	418%	6%	324,419	282%	18%	67%
SAUDI ARABIA	140,718	358%	55%	166,404	90%	-36%	307,122	160%	-13%	46%
MOROCCO	202,372	59%	2%	97,105	60%	-25%	299,477	59%	-9%	68%
EGYPT	171,570	46%	14%	95,425	13%	-4%	266,995	32%	7%	64%
GHANA	166,763	48%	30%	79,699	49%	9%	246,462	48%	22%	68%
NIGERIA	109,506	58%	71%	111,215	32%	18%	220,721	44%	40%	50%
ETHIOPIA	110,409	29%	16%	45,046	7%	-14%	155,455	22%	5%	71%
TOGO	81,546	42%	114%	55,884	27%	71%	137,430	35%	94%	59%
SENEGAL	75,821	50%	700%	39,157	44%	538%	114,978	48%	636%	66%
KUWAIT	43,788	771%	-25%	49,202	296%	-58%	92,990	432%	-47%	47%
KENYA	45,480	129%	-33%	24,324	106%	-34%	69,804	121%	-33%	65%
AFRICA & MIDDLE-EAST	5,795,951	98%	15%	4,998,343	77%	-5%	10,794,293	87%	5%	54%

Sources : FRACS Air transport database and DOT





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ASIA & OCEANIA

The USA flows 2022 by regions

Trade between the USA and this region remains the most affected by the decline in traffic in recent years, despite a definite upturn in traffic by US residents (+308% compared to 2021, i.e., -60% of 2019 numbers).

After two years of traffic recession, the trend is towards recovery in the region. Notably with flows between the USA and India, exceeding 2019 figures after having come very close to last year. Fiji, Vietnam and Uzbekistan were also big destinations in 2022. The only fly in the ointment is traffic with China, which remains excessively low despite the region's trend.

Top 15 traffic flows USA - ASIA & OCEANIA by country (split passenger US resident / non US)

	US Residents	% 22/21	% 22/19	Non US	% 22/21	% 22/19	Total	% 22/21	% 22/19	% US Residents
SOUTH KOREA	1,383,959	283%	-35%	2,469,972	235%	-54%	3,853,931	251%	-48%	36%
JAPAN	1,671,659	374%	-53%	2,138,472	301%	-74%	3,810,131	330%	-68%	44%
AUSTRALIA	424,360	1452%	-62%	1,073,236	1335%	-54%	1,497,596	1367%	-57%	28%
INDIA	606,658	64%	33%	871,574	15%	20%	1,478,232	31%	25%	41%
PHILIPPINES	581,118	499%	-26%	367,858	129%	-29%	948,976	269%	-27%	61%
TAWAN	479,526	475%	-69%	427,439	213%	-71%	906,965	312%	-70%	53%
SINGAPORE	377,095	860%	-1%	410,117	398%	2%	787,212	547%	1%	48%
FRENCH POLYNESIA	191,075	131%	9%	363,257	580%	8%	554,332	307%	8%	34%
NEW ZEALAND	147,592	1169%	-68%	312,844	1258%	-57%	460,436	1228%	-61%	32%
HONG KONG	99,052	261%	-94%	195,993	106%	-90%	295,045	140%	-92%	34%
FIJI	152,112	1311%	-7%	111,033	693%	18%	263,145	962%	3%	58%
CHINA	12,734	7%	-100%	142,939	-7%	-98%	155,673	-6%	-98%	8%
VIETNAM	37,233	12270%	30928%	33,005	1343%	-	70,238	2613%	58432%	53%
UZBEKISTAN	10,325	74%	16%	47,652	77%	1%	57,977	76%	4%	18%
MICRONESIA	20,338	371%	16%	33,890	276%	-50%	54,228	307%	-36%	38%
ASIA & OCEANIA	6,231,837	308%	-60%	9,020,640	210%	-68%	15,252,475	244%	-65%	41%

Sources : FRACS Air transport database and DOT





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EUROPE

The USA flows 2022

by regions

Connections between Europe and the USA continue to recover in 2022, with +229% of last year's traffic, or -22% of pre-pandemic figures.

After a year in second place, the UK climbs back to the top of the ranking as the main axis with the USA, with an increase of +423% over 2022, or -31% of 2019 figures.

While last year US residents had overtaken 2020 numbers when travelling to Europe (a trend still present in 2022), European residents have largely resumed travel to North America, with an increase of +307% over 2021. However, the level of recovery is still significantly lower, at -29% compared to 2019, compared to -16% for Americans.

Top 20 traffic flows USA - EUROPE by country

(split passenger US resident / non US)

	US Residents	% 22/21	% 22/19	Non US	% 22/21	% 22/19	Total	% 22/21	% 22/19	% US Residents
UK	7,211,078	316%	-27%	8,257,015	574%	-33%	15,468,092	423%	-31%	47%
GERMANY	4,645,632	136%	-16%	4,145,819	272%	-28%	8,791,451	185%	-22%	53%
FRANCE	4,257,022	182%	-13%	3,121,352	335%	-24%	7,378,374	231%	-18%	58%
NETHERLANDS	2,933,349	139%	-14%	2,239,626	288%	-25%	5,172,975	187%	-19%	57%
SPAIN	2,312,515	230%	-22%	1,698,794	373%	-18%	4,011,309	279%	-21%	58%
ITALY	2,538,754	284%	-16%	952,534	424%	-40%	3,491,288	315%	-24%	73%
IRELAND	1,982,418	347%	-19%	1,236,958	504%	-19%	3,219,376	397%	-19%	62%
TURKEY	1,789,340	96%	60%	1,295,662	41%	22%	3,085,002	68%	42%	58%
SWITZERLAND	1,055,433	194%	-15%	892,194	336%	-34%	1,947,627	245%	-24%	54%
PORTUGAL	1,249,708	206%	14%	453,209	211%	-7%	1,702,917	207%	7%	73%
ICELAND	1,015,155	95%	-15%	297,553	288%	-37%	1,312,708	119%	-21%	77%
GREECE	803,070	89%	54%	122,263	203%	14%	925,333	99%	47%	87%
BELGIUM	423,370	107%	-11%	430,492	319%	-21%	853,862	178%	-16%	50%
DENMARK	356,307	249%	-17%	438,790	352%	-30%	795,097	299%	-25%	45%
POLAND	300,456	72%	-13%	393,518	175%	8%	693,974	118%	-2%	43%
AUSTRIA	315,742	92%	-6%	243,448	209%	-35%	559,190	130%	-21%	56%
SWEDEN	189,821	1538%	-25%	253,988	766%	-45%	443,809	984%	-38%	43%
FINLAND	160,297	311%	10%	246,597	474%	-17%	406,894	397%	-8%	39%
NORWAY	53,503	1297%	-62%	80,264	967%	-76%	133,767	1078%	-72%	40%
RUSSIA	16,352	-84%	-95%	28,880	-89%	-95%	45,232	-88%	-95%	36%
EUROPE	33,698,472	186%	-16%	26,880,173	307%	-29%	60,578,642	229%	-22%	56%

Sources : FRACS Air transport database and DOT





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LATIN AMERICA

The USA flows 2022

by regions

Trade with Latin America showed some resilience during the pandemic, being the region with which links remained strongest. As a result, a +34% increase in passenger numbers over the past year, almost matching the statistics for 2019 (-1% only). The share of US residents exceeds pre-pandemic figures by +11%.

The Top 5 regional rankings remain unchanged, with Mexico, the Dominican Republic and Colombia recording greater traffic than in 2019. Connections with other countries remain clearly down on 2019 (Brazil - 39%), although the huge share due to trade between Mexico and the USA helps to even out the region's results.

Top 25 traffic flows USA - LATIN AMERICA & CARIBBEAN by country
(split passenger US resident / non US)

	US Residents	% 22/21	% 22/19	Non US	% 22/21	% 22/19	Total	% 22/21	% 22/19	% US Residents
MEXICO	26,105,026	28%	24%	10,017,384	4%	-7%	36,122,410	20%	13%	72%
DOMINICAN (REP.)	6,513,637	23%	17%	2,506,545	5%	5%	9,020,182	17%	13%	72%
COLOMBIA	2,285,694	66%	30%	2,625,050	10%	5%	4,910,744	30%	15%	47%
JAMAICA	3,527,511	48%	1%	865,515	42%	-25%	4,393,026	47%	-5%	80%
PANAMA REP.	1,511,362	75%	-8%	1,766,349	36%	-20%	3,277,711	52%	-15%	46%
COSTA RICA	2,486,760	43%	8%	787,210	20%	-15%	3,273,970	37%	2%	76%
BRAZIL	718,459	70%	-6%	2,285,770	339%	-45%	3,004,229	218%	-39%	24%
BAHAMAS	2,247,718	59%	-12%	676,795	65%	-31%	2,924,513	60%	-17%	77%
EL SALVADOR	1,308,990	23%	23%	1,122,886	11%	-7%	2,431,876	17%	7%	54%
ARUBA	1,702,676	32%	3%	144,833	36%	-30%	1,847,509	32%	-1%	92%
PERU	775,002	106%	-11%	897,431	2%	-24%	1,672,433	34%	-18%	46%
GUATEMALA	825,836	42%	8%	807,972	12%	11%	1,633,808	26%	10%	51%
HONDURAS	628,075	42%	18%	656,163	11%	20%	1,284,238	24%	19%	49%
ECUADOR	587,555	43%	11%	670,241	-4%	0%	1,257,796	13%	5%	47%
ARGENTINA	357,490	330%	-23%	859,656	76%	-41%	1,217,146	113%	-37%	29%
CUBA	422,626	954%	-52%	612,947	699%	-51%	1,035,573	786%	-51%	41%
TURKS AND CAICOS (Islands)	920,576	27%	15%	111,707	58%	-18%	1,032,283	29%	11%	89%
CHILE	223,951	321%	-30%	807,125	102%	-10%	1,031,076	128%	-16%	22%
NETHERLANDS ANTILLES	804,014	56%	25%	153,598	37%	-28%	957,612	53%	12%	84%
BELIZE	597,881	60%	-5%	112,470	82%	-25%	710,351	63%	-9%	84%
CAYMAN (Islands)	461,709	2363%	-29%	177,282	629%	-1%	638,991	1384%	-23%	72%
TRINIDAD AND TOBAGO	261,594	453%	-42%	337,008	314%	-43%	598,602	365%	-43%	44%
HAITI	253,092	-16%	-45%	225,892	-17%	-50%	478,984	-16%	-48%	53%
ST LUCIA	421,962	41%	11%	54,191	87%	-17%	476,153	45%	7%	89%
GUYANA	224,713	38%	90%	206,996	39%	84%	431,709	39%	87%	52%
LATIN AMERICA	57,467,625	39%	11%	30,184,991	25%	-17%	87,652,616	34%	-1%	66%

Sources : FRACS Air transport database and DOT

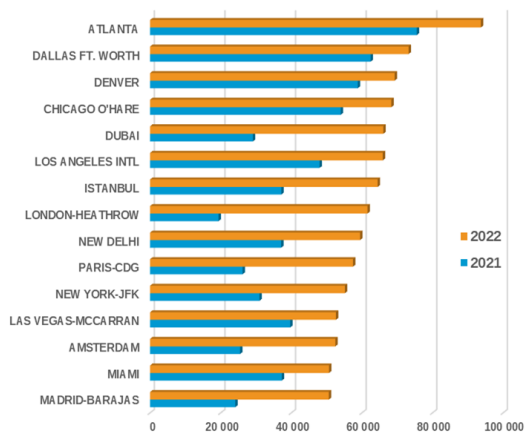


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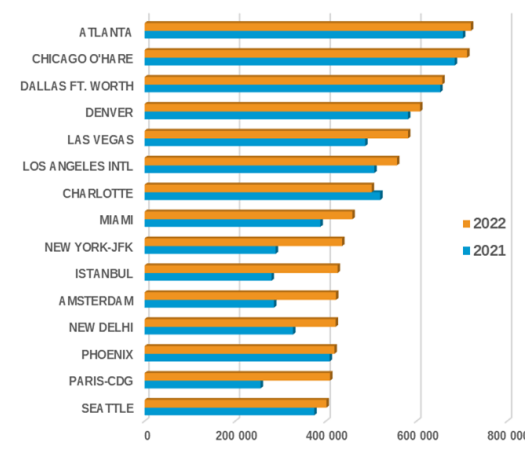


Main Airport's traffic Q3 2023 - Top 15

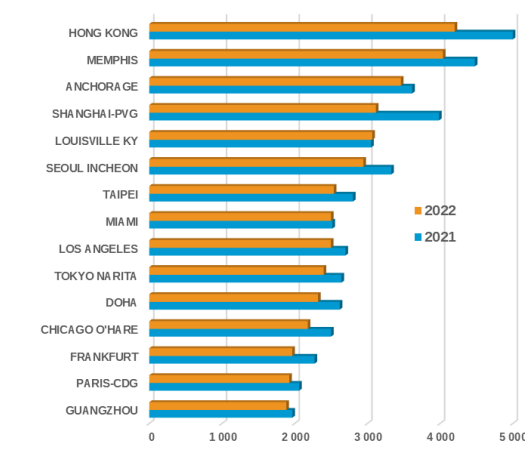
Airports	Passengers 2022 ('000)	22/21 (%)	Q1 23/22 (%)	Q2 23/22 (%)	Q3 23/22 (%)
ATLANTA	93,697	24.0	14.7	11.6	12.0
DALLAS FT. WORTH	73,237	17.2	19.0	7.3	10.8
DENVER	69,286	17.8	18.8	9.4	11.4
CHICAGO O'HARE	68,340	26.5	16.9	5.1	6.3
DUBAI	66,070	127.0	55.8	42.7	24.4
LOS ANGELES INTL	65,919	37.3	23.2	11.1	13.7
ISTANBUL	64,465	73.4	43.9	19.5	10.8
LONDON-HEATHROW	61,599	217.6	75.1	22.9	22.9
NEW DELHI	59,490	60.2	49.1	17.8	17.9
PARIS-CDG	57,479	119.4	49.6	14.3	9.5
NEW YORK-JFK	55,175	78.1	33.9	13.0	7.6
LAS VEGAS-MCCARRAN	52,646	32.6	25.5	8.3	0.6
AMSTERDAM	52,471	105.8	38.1	10.1	13.6
MIAMI	50,684	35.9	6.8	-1.4	1.7
MADRID-BARAJAS	50,634	109.8	47.1	16.7	11.4
Total*	6,196,914	45.5			



Airports	Movements 2022	22/21 (%)	Q1 23/22 (%)	Q2 23/22 (%)	Q3 23/22 (%)
ATLANTA	719,834	2.5	7.1	8.5	7.4
CHICAGO O'HARE	711,561	4.0	2.2	-1.2	2.1
DALLAS FT. WORTH	656,676	0.7	4.0	9.4	8.1
DENVER	607,784	4.6	9.2	6.6	6.6
LAS VEGAS	581,116	19.4	12.1	5.0	-0.7
LOS ANGELES INTL	556,913	9.9	0.3	1.7	4.4
CHARLOTTE	500,993	-3.6	1.8	6.7	6.8
MIAMI	458,478	18.2	-1.4	-2.6	1.6
NEW YORK-JFK	435,748	50.7	13.4	9.4	5.5
ISTANBUL	425,890	52.0	39.0	19.6	12.5
AMSTERDAM	422,307	47.9	13.2	4.9	9.4
NEW DELHI	421,479	28.7	23.7	2.3	5.3
PHOENIX	418,856	2.6	11.5	38.2	30.2
PARIS-CDG	409,102	59.8	26.4	8.7	6.3
SEATTLE	401,351	7.2	5.2	4.7	5.2
Total*	74,959,389	18.0			



Airports	Cargo 2022 ('000 tons)	22/21 (%)	Q1 23/22 (%)	Q2 23/22 (%)	Q3 23/22 (%)
HONG KONG	4,201	-16.4	-6.3	-4.5	7.3
MEMPHIS	4,040	-9.8	-3.5	-6.7	-3.6
ANCHORAGE	3,462	-4.3	-12.6	-4.9	-8.3
SHANGHAI-PVG	3,117	-21.8	-14.3	43.9	10.1
LOUISVILLE KY	3,068	0.5	-8.1	-10.6	-13.8
SEOUL INCHEON	2,946	-11.5	-18.0	-12.6	1.2
TAIPEI	2,539	-9.4	-24.8	-21.1	-11.5
MIAMI	2,500	-0.8	-1.0	3.3	-0.2
LOS ANGELES	2,499	-7.4	-19.4	-20.3	-10.3
TOKYO NARITA	2,399	-9.3	-25.0	43.5	38.6
DOHA	2,322	-11.4	-7.5	-2.9	3.0
CHICAGO O'HARE	2,181	-12.8	-21.9	-16.7	-4.5
FRANKFURT	1,967	-13.5	-12.8	-9.2	0.1
PARIS-CDG	1,926	-6.6	2.2	-8.9	-6.4
GUANGZHOU	1,886	-4.2	-16.6	-0.4	14.0
Total*	115,940	-4.0			



* Preliminary results based on 2000 airports

Sources : ACI and FRACS Air transport database



AIR TRANSPORT TREND BULLETIN



Airliners Orders and Deliveries Q3 2023

Boeing's third-quarter order book remains healthy, with 323 aircraft ordered, including 200 B737s. Airbus booked fewer orders than its rival in Q3, after very high figures in the second quarter. However, both manufacturers had a clear increase in overall orders for the period from January to September 2023, compared with 2022. Airbus delivered more aircraft in Q3 2023 than in the previous year (+60, including a majority of A320s). Boeing, on the other hand, recorded a decline due to further problems with the 737 Max.

Deliveries

Deliveries	Q1 2023	Q2 2023	Q3 2023	Q3/4 2023	Q3/4 23/22 Variation	2022
Airbus	127	189	200	516	80	661
Boeing	130	136	105	371	44	479
Embraer	7	17	15	39	12	57
ATR	n.a.	n.a.	n.a.	n.a.	n.a.	25
Sukhoi	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

Orders

Orders	Q1 2023	Q2 2023	Q3 2023	Q3/4 2023	Q3/4 23/22 Variation	2022
Airbus	156	924	200	1280	433	1069
Boeing	120	412	323	855	313	935
Embraer	-3	7	35	39	30	23
ATR	n.a.	n.a.	n.a.	n.a.	n.a.	26
Sukhoi	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

Deliveries by aircraft type

Deliveries	Type	Q1 2023	Q2 2023	Q3 2023	Q3/4 2023	Q3/4 23/22 Variation	2022
Airbus	A220	10	15	0	25	-7	51
	A320	106	150	149	404	64	516
	A330	6	8	28	42	21	32
	A350	5	16	23	44	2	62
	A380	0	0	0	0	0	0
Boeing	B737	113	103	70	286	10	386
	B747	1	0	0	1	-2	5
	B767	1	8	8	17	-4	33
	B777	4	5	8	17	-1	24
	B787	11	20	19	50	41	31
Embraer	EMB170	0	0	0	0	0	0
	EMB175	2	10	6	18	-3	35
	EMB190	0	0	0	0	0	4
	EMB195	5	7	9	21	15	18
ATR	ATR-42	n.a.	n.a.	n.a.	n.a.	n.a.	25
	ATR-72	n.a.	n.a.	n.a.	n.a.	n.a.	
Sukhoi	SSJ100	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

Orders by aircraft type

Orders	Type	Q1 2023	Q2 2023	Q3 2023	Q3/4 2023	Q3/4 23/22 Variation	2022
Airbus	A220	12	21	0	33	-73	127
	A320	102	836	149	1087	390	879
	A330	0	8	28	36	30	19
	A350	42	59	23	124	86	44
	A380	0	0	0	0	0	0
Boeing	B737	78	293	200	571	147	697
	B747	0	0	1	1	1	0
	B767	15	0	2	17	-10	31
	B777	0	31	0	31	-32	68
	B787	27	88	120	235	207	139
Embraer	EMB170	0	0	0	0	0	0
	EMB175	-3	7	25	29	52	-22
	EMB190	0	9	0	9	11	3
	EMB195	0	-9	10	1	-23	42
ATR	ATR-42	n.a.	n.a.	n.a.	n.a.	n.a.	26
	ATR-72	n.a.	n.a.	n.a.	n.a.	n.a.	
Sukhoi	SSJ100	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.

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. The new issue is coming out in April 2024!

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 pairs in 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.

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