



Air transport movements

Highlights



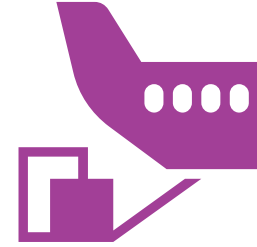
397,646
air transport movements

Change: + 48.9%



95.4%
share passenger aircraft
movements

Change: + 4.4% point



4.6%
share full freighter
movements

Change: - 4.4% point

Monthly and annual totals

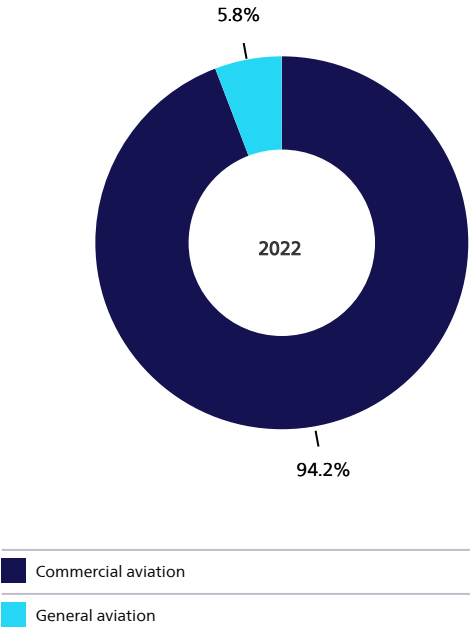
Monthly totals

	January	February	March	April	May	June	July	August	September	October	November	December
I. Air transport												
Scheduled												
Passenger services	24,158	22,134	28,353	31,390	35,922	34,489	33,660	35,414	34,823	33,941	28,660	29,030
Full-freighter services	1,747	1,609	1,556	1,362	1,443	1,426	1,406	1,397	1,400	1,566	1,394	1,359
<i>Subtotal</i>	25,905	23,743	29,909	32,752	37,365	35,915	35,066	36,811	36,223	35,507	30,054	30,389
Non-scheduled												
Passenger services	245	264	341	564	961	965	916	911	786	839	273	267
Full-freighter services	83	122	132	105	94	41	18	8	18	19	22	13
<i>Subtotal</i>	328	386	473	669	1,055	1,006	934	919	804	858	295	280
Total air transport	26,233	24,129	30,382	33,421	38,420	36,921	36,000	37,730	37,027	36,365	30,349	30,669
II. General aviation												
Other flights	604	460	645	671	645	666	683	684	689	763	623	569
Taxi / Business / Private	770	942	1,249	1,437	1,626	1,992	1,861	1,405	1,857	1,556	1,170	1,094
Total general aviation	1,374	1,402	1,894	2,108	2,271	2,658	2,544	2,089	2,546	2,319	1,793	1,663
Grand total	27,607	25,531	32,276	35,529	40,691	39,579	38,544	39,819	39,573	38,684	32,142	32,332

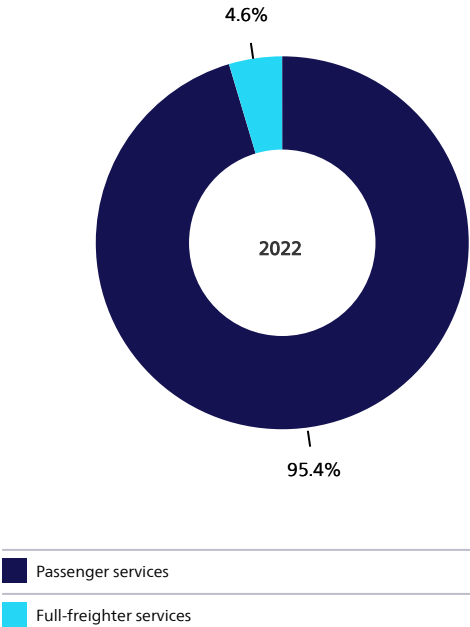
Annual totals

		Compared to 2022	2021 in %
I. Air transport			
Scheduled			
Passenger services	371,974	55.0%	
Full-freighter services	17,665	-16.2%	
Subtotal	389,639	49.3%	
Non-scheduled			
Passenger services	7,332	144.1%	
Full-freighter services	675	-76.8%	
Subtotal	8,007	35.4%	
Total air transport	397,646	48.9%	
II. General aviation			
Other flights	7,702	16.4%	
Taxi / Business / Private	16,959	40.9%	
Total general aviation	24,661	32.2%	
Grand total	422,307	47.9%	

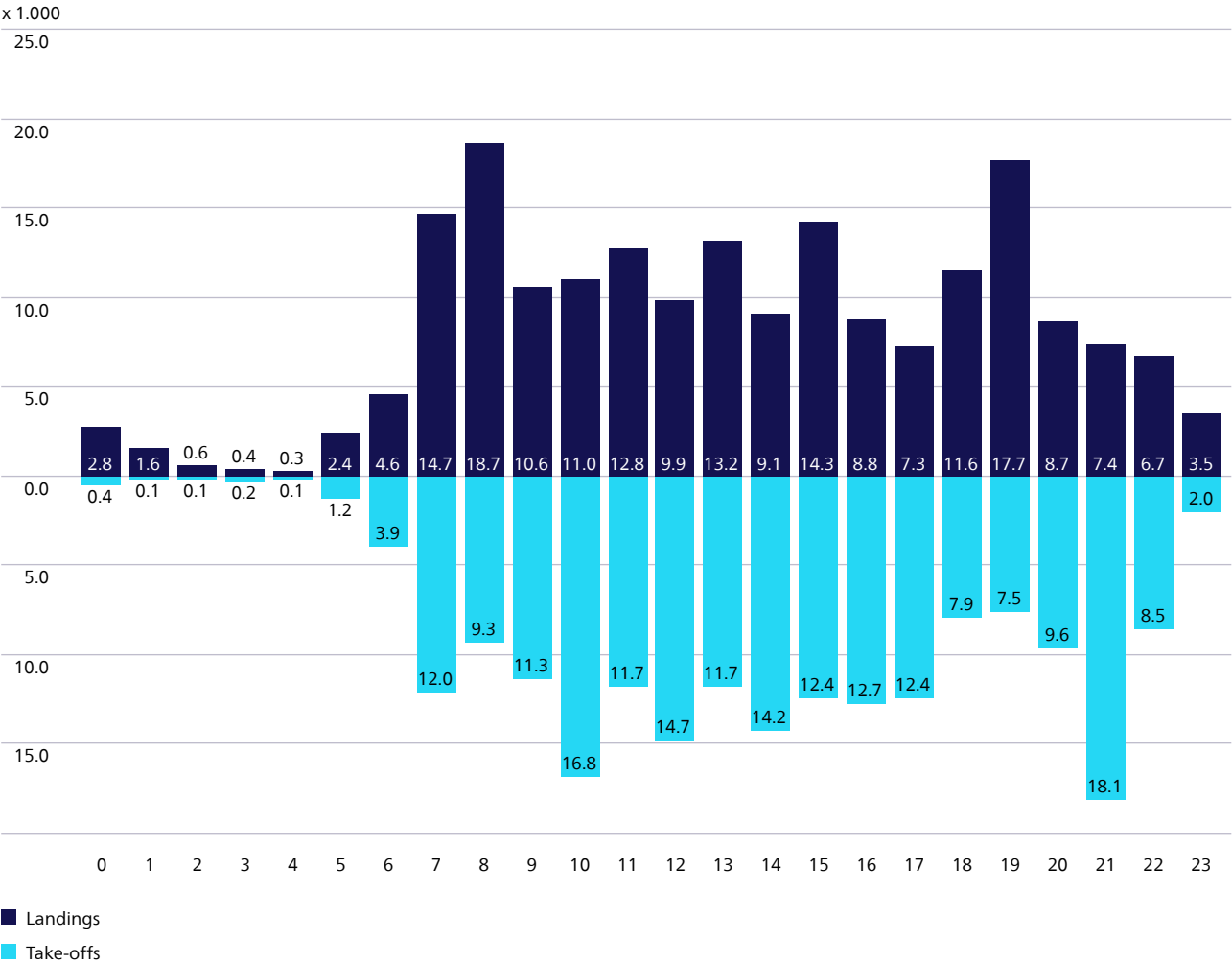
Air transport movements



Air transport movements: Commercial aviation



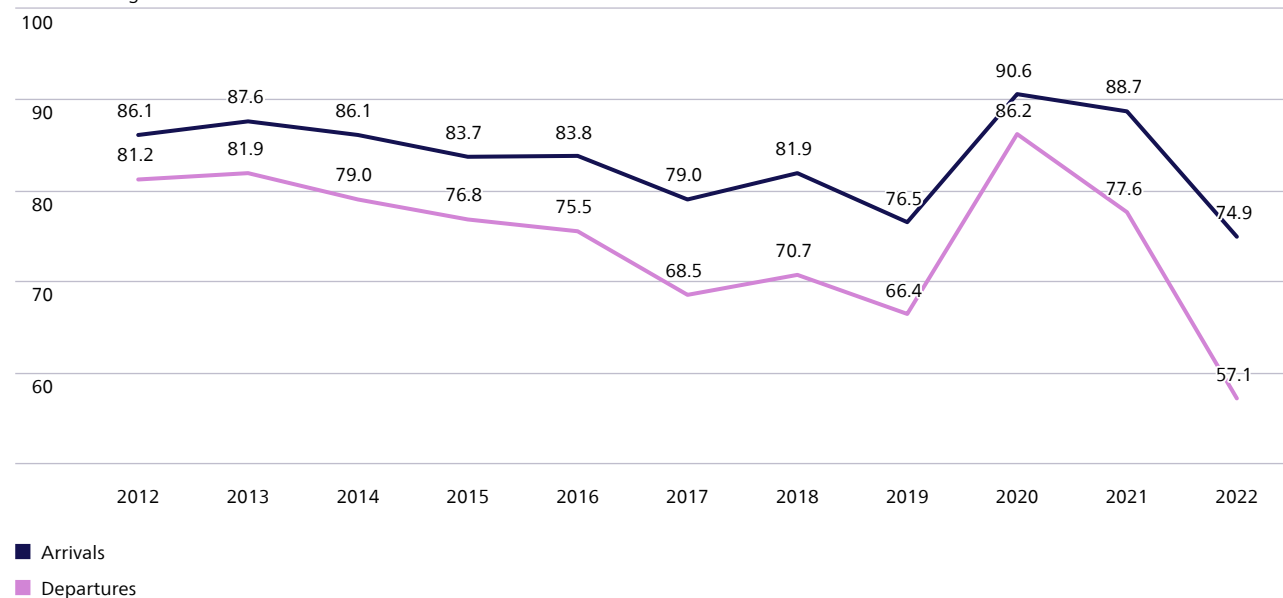
Per hour of the day



		Landings	Take-offs	Total
Night	23:00-05:59	11,574	4,116	15,690
Early morning	06:00-06:59	4,581	3,877	8,458
Day	07:00-18:59	142,093	147,190	289,283
Evening	19:00-22:59	40,530	43,685	84,215
Total		198,778	198,868	397,646

Punctuality of passenger services

Annual average in %



Average take off weight

	2022	Compared to 2021 in %
Passenger or mixed version	94.2	-2.2%
Full-freighter version	317.6	0.5%
Total air transport movements	104.5	-10.0%

Main countries

Main European countries

Ranking	(2021 ranking)	Country	Total movements	Compared to 2021 in %
1	(2)	Great Britain	58,351	154.3%
2	(1)	Spain	36,461	40.7%
3	(3)	Germany	33,914	52.1%
4	(4)	Italy	27,973	49.2%
5	(5)	France	22,078	31.5%
6	(8)	Norway	14,651	95.9%
7	(12)	Denmark	13,763	99.7%
8	(9)	Switzerland	13,664	84.8%
9	(6)	Turkey	11,991	31.8%
10	(10)	Portugal	10,550	44.7%
11	(7)	Greece	10,368	17.7%
12	(14)	Ireland	10,232	124.0%
13	(13)	Sweden	9,387	64.5%
14	(11)	Poland	8,936	23.9%
15	(15)	Austria	6,323	59.8%
16	(20)	Finland	4,193	66.9%
17	(16)	Croatia	3,635	4.1%
18	(18)	Czech Republic	3,479	25.0%
19	(17)	Romania	3,394	16.8%
20	(22)	Hungary	2,732	22.8%
Rest of Europe			15,597	-1.2%
Total of Europe			321,672	56.7%

Main Intercontinental countries

Ranking	(2021 ranking)	Country	Total movements	Compared to 2021 in %
1	(1)	USA	22,989	47.3%
2	(2)	China	5,062	-3.0%
3	(3)	United Arab Emirates	4,454	-1.7%
4	(4)	Canada	3,755	55.6%
5	(17)	Israel	2,769	150.1%
6	(5)	Morocco	2,616	29.0%
7	(6)	Curacao	1,968	23.2%
8	(8)	South Africa	1,873	19.4%
9	(19)	Egypt	1,831	90.9%
10	(11)	Mexico	1,819	26.1%
11	(7)	Brasil	1,742	10.7%
12	(9)	Qatar	1,615	7.8%
13	(20)	India	1,470	81.5%
14	(16)	Kenya	1,287	5.8%
15	(14)	Taiwan	1,254	-2.1%
16	(10)	Singapore	1,177	-21.1%
17	(18)	Colombia	1,066	0.5%
18	(26)	Chili	1,011	56.0%
19	(22)	Saudi Arabia	982	27.9%
20	(21)	Ecuador	937	18.5%
Rest of Intercontinental			14,289	36.8%
Total of Intercontinental			75,966	27.0%

Intercontinental

	Total movements	Compared to 2021 in %
North America	26,744	48.5%
Far East	13,496	-10.1%
Latin America	13,143	17.5%
Middle East	11,541	25.2%
Africa	11,042	34.0%
Total of Intercontinental	75,966	23.2%

Destinations European

Main European origins and destinations

	(2021 Ranking ranking)	Airport	Air transport movements	Compared to 2021 in %
1	(3)	London Heathrow	9,969	143.5%
2	(5)	Copenhagen	8,653	119.0%
3	(4)	Dublin	8,161	102.9%
4	(2)	Barcelona	7,926	55.7%
		Paris Charles de Gaulle		
5	(1)		7,098	18.6%
6	(11)	Munich	6,512	84.5%
7	(6)	Madrid	6,162	56.4%
8	(7)	Lisbon	6,135	59.5%
9	(9)	Frankfurt	5,993	64.0%
10	(16)	Zurich	5,922	93.0%
11	(8)	Rome Fiumicino	5,896	53.6%
12	(55)	London City	5,655	254.1%
13	(10)	Berlin Brandenburg	5,582	53.4%
14	(13)	Stockholm	5,346	67.3%
15	(26)	Manchester	5,316	112.5%
16	(24)	Oslo	5,162	103.8%
17	(18)	Geneva	5,012	74.3%
18	(12)	Vienna	4,763	39.0%
19	(92)	London Gatwick	4,588	658.3%
20	(28)	Milan Linate	4,490	83.8%

Total scheduled destinations

Europe

184



Destinations Intercontinental

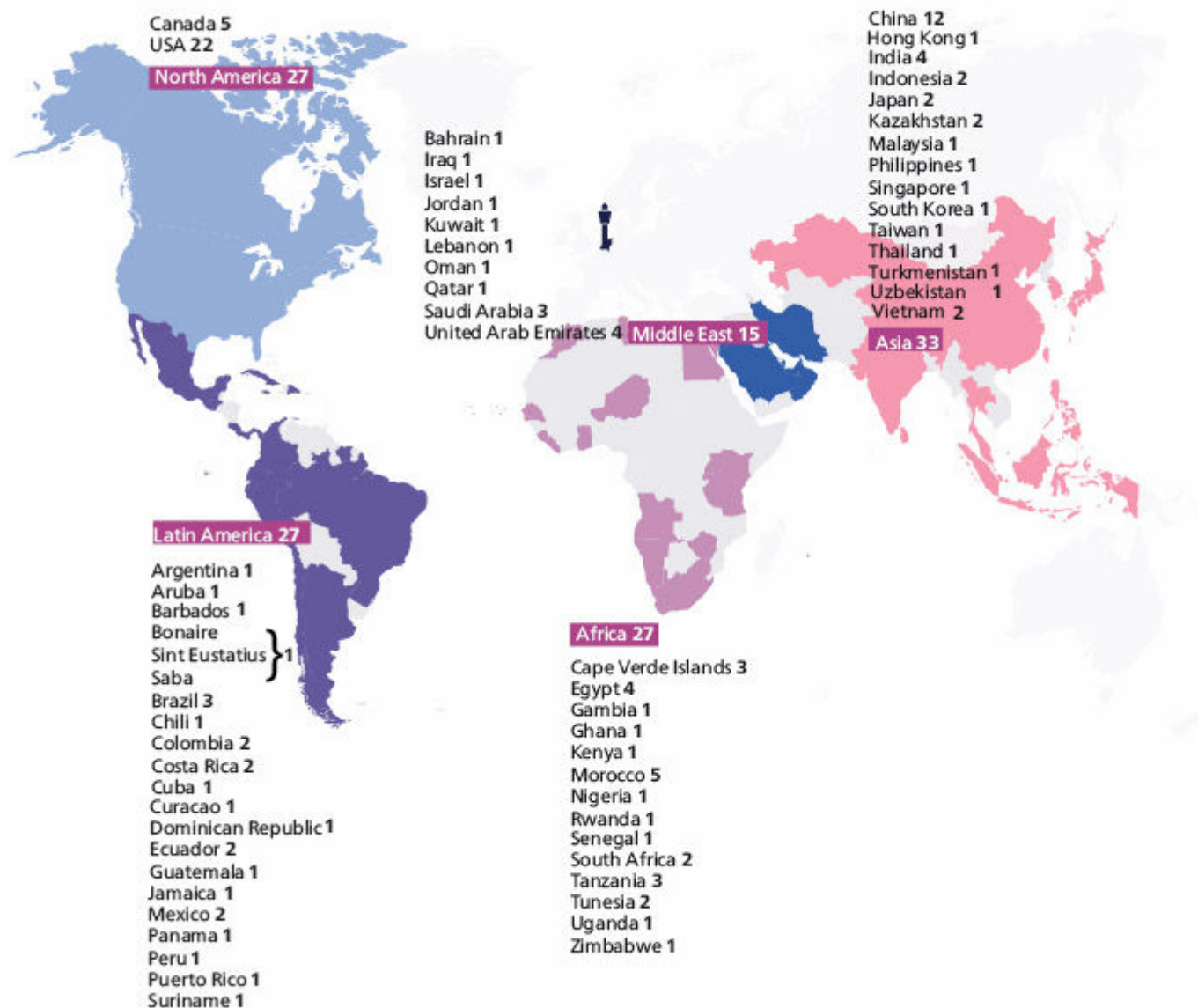
Main Intercontinental origins/destinations

	(2021 Ranking ranking)	Airport	Air transport movements	Compared to 2021 in %
1	(5)	New York JFK	2,928	39.6%
2	(3)	Atlanta	2,839	9.9%
3	(16)	Tel Aviv	2,769	150.1%
4	(2)	Shanghai	2,709	-13.5%
5	(1)	Dubai International	2,624	-19.1%
6	(4)	Chicago	2,205	-1.0%
7	(6)	Curacao	1,968	23.2%
8	(25)	Detroit	1,762	125.3%
9	(31)	Minneapolis/St. Paul	1,726	150.5%
10	(17)	Toronto	1,682	59.4%
11	(7)	Doha	1,614	7.7%
12	(9)	Mexico City	1,469	7.6%
13	(21)	Boston	1,404	61.6%
14	(14)	Nairobi	1,286	6.3%
15	(11)	Taipei	1,254	-2.1%
16	(49)	San Francisco	1,234	162.0%
17	(22)	Houston	1,233	53.5%
18	(8)	Singapore	1,177	-21.1%
19	(15)	Johannesburg	1,153	-0.4%
20	(30)	Seattle	1,135	64.3%

Total scheduled destinations

Intercontinental

129



Per aircraft type

According to type, full-freighter version and passenger aircraft for cargo-only

Ranking	Type	Average MTOW ¹	Total movements	Compared to 2021 in %
1	Boeing 777-200	347	5,564	-9%
2	Boeing 747-400	401	4,843	-1%
3	Boeing 747-800	448	1,305	-43%
4	Airbus 300	160	930	66%
5	Boeing 767-300	187	858	-7%
6	Airbus 330-300F	226	827	53%
7	Airbus 350-900	277	813	-26%
8	Airbus 330-200F	233	652	-21%
9	Boeing 757-200	104	636	-32%
10	Boeing 777-300	345	494	-77%

¹ Maximum take off weight

According to type, passenger or mixed version

Ranking	Type	Average MTOW ¹	Total movements	Compared to 2021 in %
1	Boeing 737-800	73	88,520	56%
2	Embraer 190	45	60,603	53%
3	Airbus 320	75	34,251	131%
4	Embraer 175	37	33,633	4%
5	Airbus 319	66	23,461	149%
6	Embraer 295	58	15,166	210%
7	Airbus 320 neo	75	14,453	180%
8	Boeing 737-700	63	14,401	-23%
9	Boeing 777-300	351	10,203	9%
10	Boeing 787-9	253	9,628	32%
11	Airbus 330-300	234	8,751	51%
12	Boeing 777-200	298	7,965	86%
13	Boeing 737-900	78	7,384	121%
14	Boeing 737-max	82	6,302	140%
15	Bombardier-CJ 900	38	5,353	203%
16	Boeing 787-8	225	4,187	75%
17	Airbus 220	67	3,993	49%
18	Airbus 350-900	274	3,954	69%
19	Boeing 787-10	254	3,901	-10%
20	Airbus 330-200	229	3,821	58%
21	Airbus 330-900 neo	245	3,023	107%
22	Airbus 321	86	2,823	48%
23	Airbus 321 neo	91	2,405	44%
24	Dash 8	30	2,131	550%
25	Embraer 195	51	2,084	31%
26	Boeing 767-300	184	1,304	17%
27	Airbus 318	61	1,250	34%
28	Airbus-380	524	788	313%
29	Bombardier-CJ 1000	39	718	-59%
30	EMB 145	22	689	-

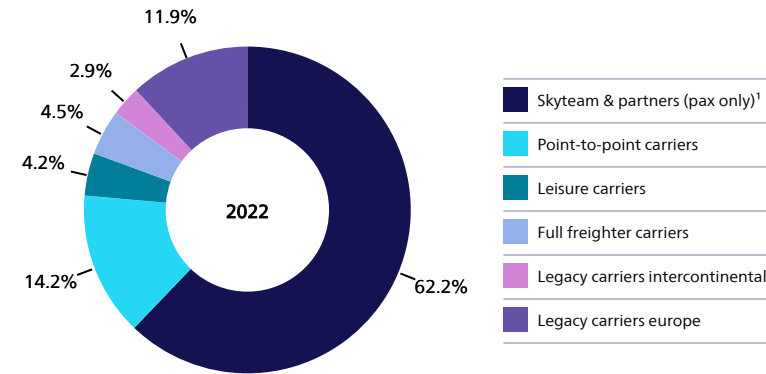
¹ Maximum take off weight

Main airlines

Air transport movements by airline segment

	2022	Share in total
Skyteam & partners (pax only) ¹	247,253	62.2%
Point-to-point carriers	56,556	14.2%
Leisure carriers	16,883	4.2%
Full freighter carriers	17,850	4.5%
Legacy carriers intercontinental	11,696	2.9%
Legacy carriers europe	47,408	11.9%
Total air transport movements	397,646	100.0%

¹ all flights operated by Skyteam, including KLM and KLM codeshare partner passenger flights.



¹ all flights operated by Skyteam, including KLM and KLM codeshare partner passenger flights.

Air transport movements

2022	(2021 ranking)	Airline	Total	Compared to 2021 in %
1	(1)	KLM	200,647	35.0%
2	(3)	easyJet	32,116	170.2%
3	(2)	Transavia	28,391	51.5%
4	(5)	Delta Air Lines	9,768	84.0%
5	(8)	Vueling	9,442	142.6%
6	(4)	TUI fly	7,994	44.6%
7	(16)	British Airways	7,247	340.0%
8	(6)	Air France	7,029	36.2%
9	(10)	Lufthansa	6,150	131.6%
10	(7)	Turkish Airlines	4,950	10.5%
11	(25)	SAS	4,811	303.9%
12	(11)	Corendon	3,561	55.3%
13	(20)	Ryanair	3,256	132.6%
14	(33)	Aer Lingus	3,159	224.0%
15	(12)	airBaltic	3,008	45.8%
16	(48)	ITA Airways	2,881	368.5%
17	(9)	Emirates	2,872	0.1%
18	(32)	Swiss	2,566	161.3%
19	(29)	United Airlines	2,548	130.8%
20	(21)	Austrian	2,373	76.0%
21	(24)	TAP Air Portugal	2,173	68.1%
22		FlyBe	2,107	-
23	(17)	Pegasus	2,028	25.0%
24	(15)	Qatar Airways	1,930	11.0%
25	(51)	Norwegian Air	1,863	223.4%
26	(18)	China Southern	1,828	21.4%
27	(14)	DHL International	1,813	1.6%
28	(28)	LOT Polish Airlines	1,733	54.0%
29	(30)	Air Europa	1,458	34.9%
30	(45)	Iberia Express	1,435	121.8%
Other Airlines			34,509	21.4%
Total			397,646	48.9%

New airlines

Example of airlines (re)starting services in 2022

Airline	Type	Flights in 2022
	Passenger	288
	Passenger	34
	Passenger	690
	Passenger	20
	Passenger	2107
	Passenger	104
	Passenger	1090

	Cargo	78
---	-------	----



Passengers