



Air transport movements

Highlights



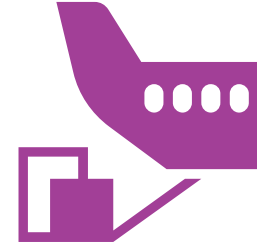
441,969
air transport movements

Change: + 11.1%



96.4%
share passenger
aircraft movements

Change: + 1.0% point



3.6%
share full
freighter movements

Change: - 1.0% point

Monthly and annual totals

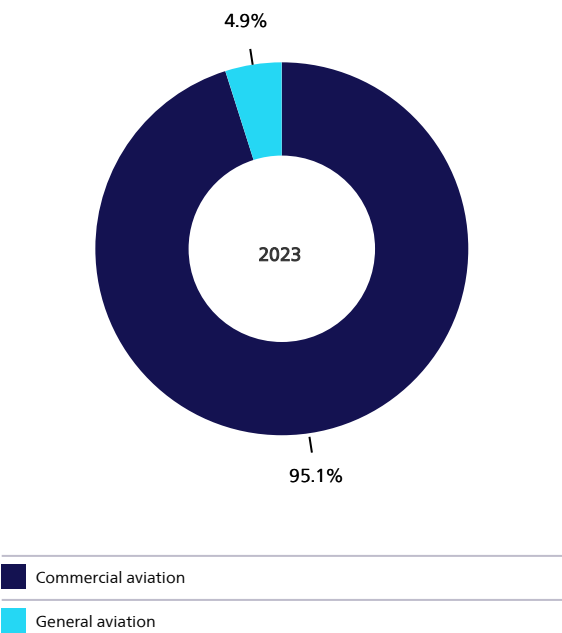
Monthly totals

	January	February	March	April	May	June	July	August	September	October	November	December
I. Commercial aviation												
Scheduled												
Passenger services	28,284	26,678	31,318	34,441	37,406	36,850	38,676	39,314	38,489	39,383	33,721	33,986
Full-freighter services	1,314	1,317	1,442	1,305	1,400	1,320	1,308	1,256	1,265	1,340	1,259	1,285
Subtotal	29,598	27,995	32,760	35,746	38,806	38,170	39,984	40,570	39,754	40,723	34,980	35,271
Non-scheduled												
Passenger services	378	334	364	500	748	725	974	1,000	845	815	354	417
Full-freighter services	11	16	4	12	14	17	7	14	26	15	11	11
Subtotal	389	350	368	512	762	742	981	1,014	871	830	365	428
Total air transport	29,987	28,345	33,128	36,258	39,568	38,912	40,965	41,584	40,625	41,553	35,345	35,699
II. General aviation												
Other flights	611	602	697	649	740	702	683	661	626	704	626	518
Taxi / Business / Private	958	966	1,373	1,365	1,574	1,652	1,433	1,213	1,214	1,256	962	973
Total general aviation	1,569	1,568	2,070	2,014	2,314	2,354	2,116	1,874	1,840	1,960	1,588	1,491
Grand total	31,556	29,913	35,198	38,272	41,882	41,266	43,081	43,458	42,465	43,513	36,933	37,190

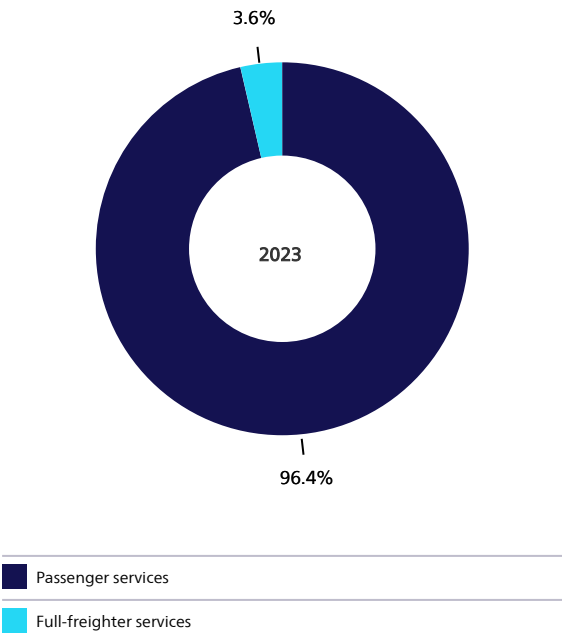
Annual totals

		Compared to 2023	2022 in %
I. Commercial Aviation			
Scheduled			
Passenger services	418,546	12.5%	
Full-freighter services	15,811	-10.5%	
Subtotal	434,357	11.5%	
Non-scheduled			
Passenger services	7,454	1.7%	
Full-freighter services	158	-76.6%	
Subtotal	7,612	-4.9%	
Total air transport	441,969	11.1%	
II. General aviation			
Other flights	7,819	1.5%	
Taxi / Business / Private	14,939	-11.9%	
Total general aviation	22,758	-7.7%	
Grand total	464,727	10.0%	

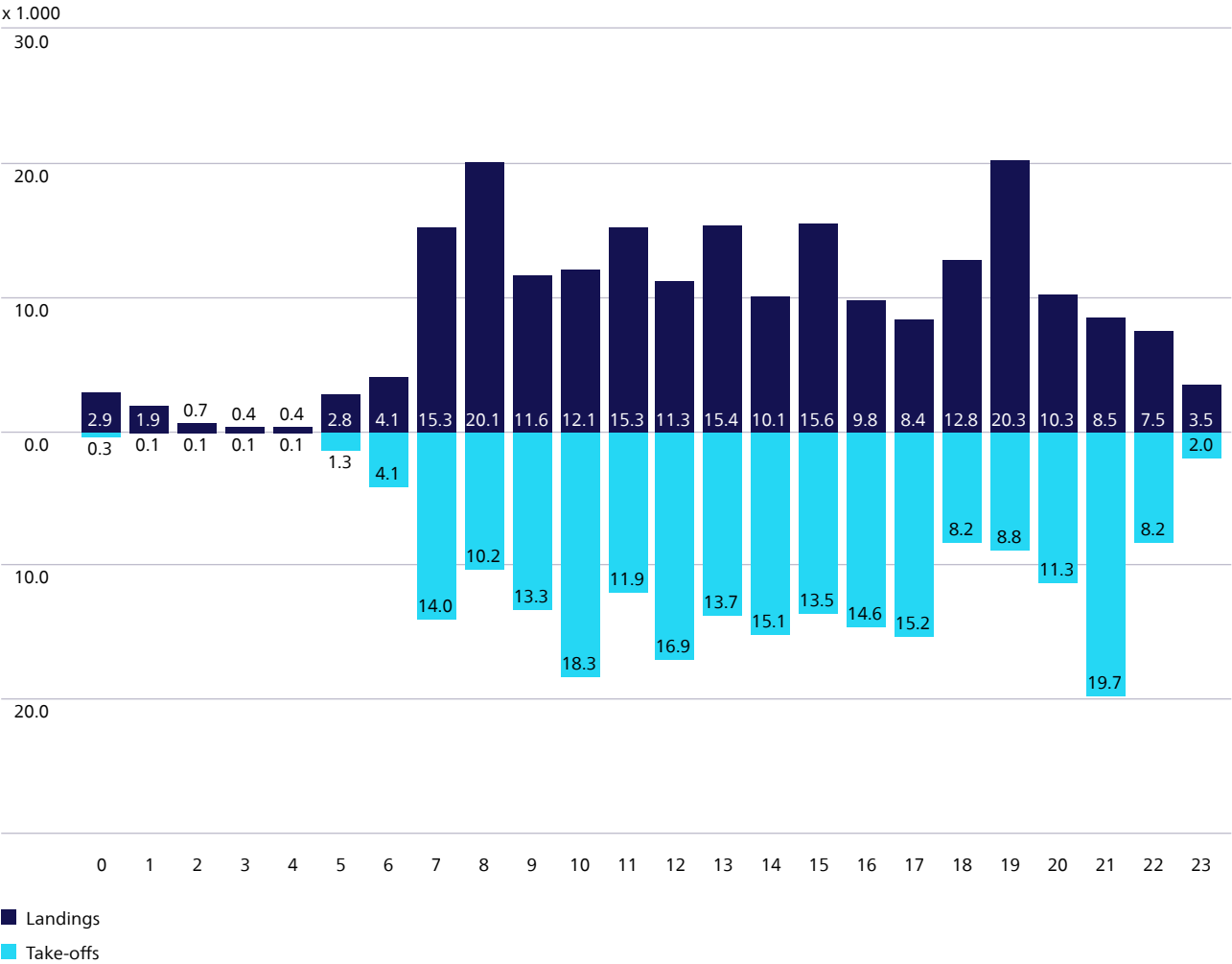
Air transport movements



Air transport movements: Commercial aviation

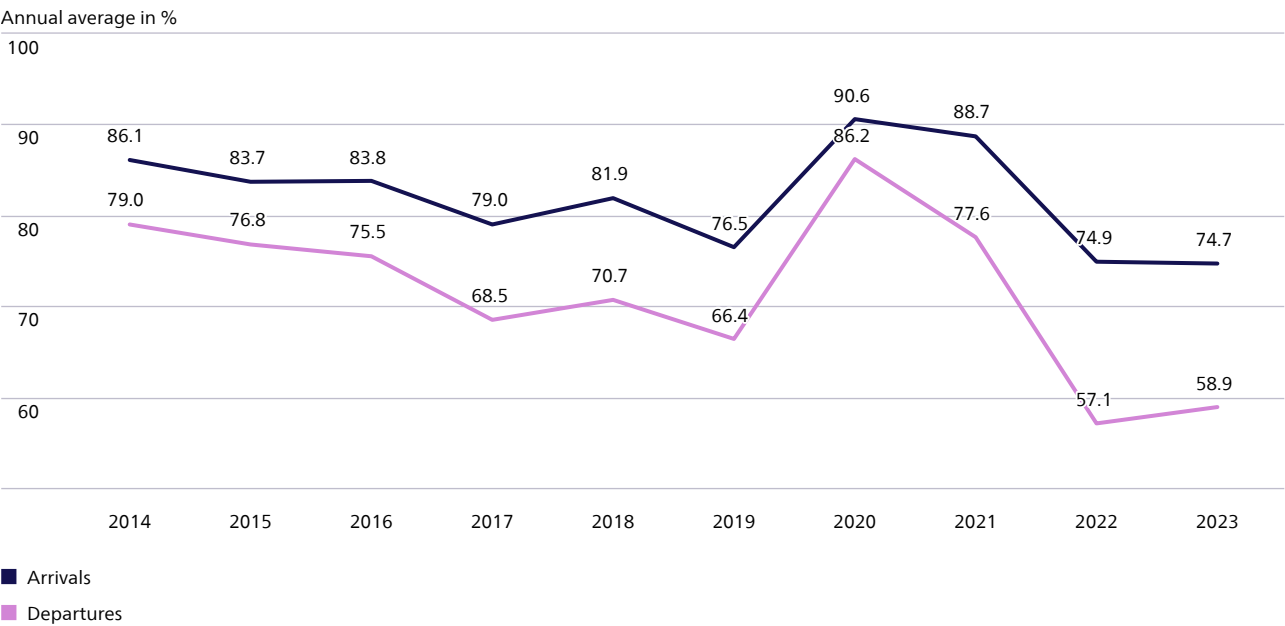


Per hour of the day



		Landings	Take-offs	Total
Night	23:00-05:59	12,478	4,073	16,551
Early morning	06:00-06:59	4,103	4,050	8,153
Day	07:00-18:59	157,768	164,915	322,683
Evening	19:00-22:59	46,631	47,951	94,582
Total		220,980	220,989	441,969

Punctuality of passenger services



Average take off weight (tonnes)

	2023	Compared to 2022 in %
Passenger or mixed version	95.3	1.1%
Full-freighter version	331.6	4.4%
Total air transport movements	103.8	-0.7%

Main countries

Main European countries

Ranking	(2022 ranking)	Country	Total movements	Compared to 2022 in %
1	(1)	Great Britain	71,701	22.9%
2	(3)	Germany	39,434	16.3%
3	(2)	Spain	39,177	7.4%
4	(4)	Italy	28,292	1.1%
5	(5)	France	24,217	9.7%
6	(6)	Norway	16,881	15.2%
7	(8)	Switzerland	15,322	12.1%
8	(7)	Denmark	15,060	9.4%
9	(10)	Portugal	11,377	7.8%
10	(9)	Turkey	11,334	-5.5%
11	(12)	Ireland	10,928	6.8%
12	(14)	Poland	10,714	19.9%
13	(11)	Greece	10,693	3.1%
14	(13)	Sweden	10,394	10.7%
15	(15)	Austria	7,154	13.1%
16	(16)	Finland	4,267	1.8%
17	(18)	Czechia	4,079	17.2%
18	(17)	Croatia	3,670	1.0%
19	(19)	Romania	3,143	-7.4%
20	(21)	Belgium	3,012	14.2%
Rest Europe			16,719	7.2%
Total Europe			357,568	11.2%

Main Intercontinental countries

Ranking	(2022 ranking)	Country	Total movements	Compared to 2022 in %
1	(1)	USA	24,784	7.8%
2	(2)	China	6,109	20.7%
3	(3)	United Arab Emirates	4,624	3.8%
4	(4)	Canada	4,414	17.5%
5	(6)	Morocco	3,171	21.2%
6	(5)	Israel	2,743	-0.9%
7	(13)	India	2,103	43.1%
8	(9)	Egypt	2,098	14.6%
9	(12)	Qatar	1,990	23.2%
10	(8)	South Africa	1,878	0.3%
11	(10)	Mexico	1,819	0.0%
12	(7)	Curacao	1,735	-11.8%
13	(11)	Brazil	1,671	-4.1%
14	(14)	Kenya	1,655	28.6%
15	(19)	Saudi Arabia	1,381	40.6%
16	(21)	Japan	1,245	39.7%
17	(20)	Ecuador	1,224	30.6%
18	(31)	Hong Kong	1,202	106.2%
19	(18)	Chile	1,201	18.8%
20	(15)	Taiwan	1,141	-9.0%
Rest Intercontinental			16,213	36.8%
Total Intercontinental			84,401	14.8%

Intercontinental

	Total movements	Compared to 2022 in %
North America	29,198	9.2%
Far East	16,787	24.4%
Latin America	13,323	1.4%
Middle East	12,574	9.0%
Africa	12,519	13.4%
Total Intercontinental	84,401	11.1%

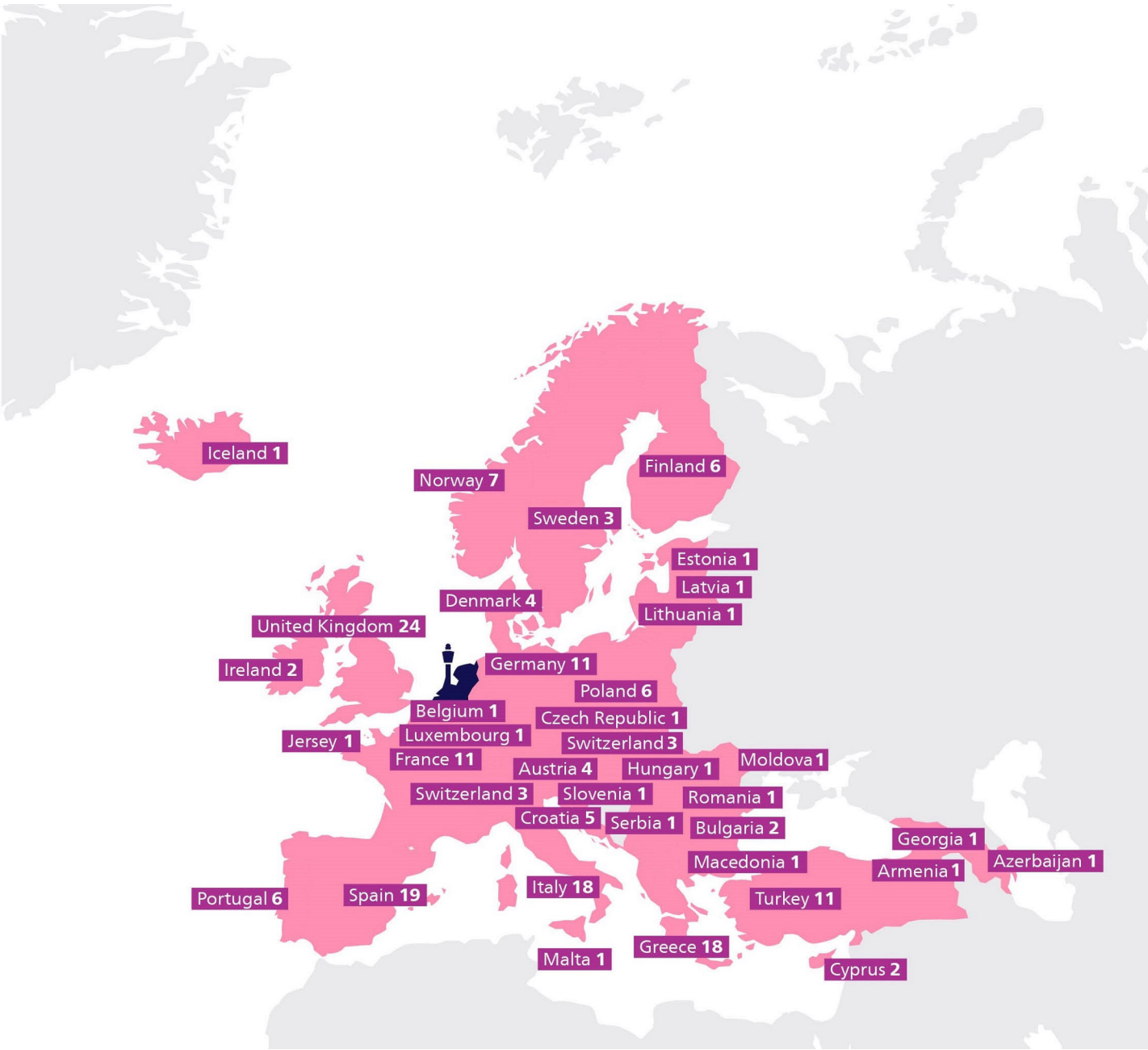
Destinations Europe

Main European origins and destinations

	(2022 Ranking ranking)	Airport	Air transport movements	Compared to 2022 in %
1	(1)	London Heathrow	11,165	12.0%
2	(2)	Copenhagen	9,482	9.6%
3	(4)	Barcelona	8,925	12.6%
4	(3)	Dublin	8,881	8.8%
5	(5)	Paris Charles de Gaulle	8,030	13.1%
6	(12)	London City	7,338	29.8%
7	(9)	Frankfurt	7,305	21.9%
8	(6)	Munich	7,232	11.1%
9	(15)	Manchester	6,793	27.8%
10	(8)	Lisbon	6,644	8.3%
11	(10)	Zurich	6,632	12.0%
12	(7)	Madrid	6,371	3.4%
13	(13)	Berlin	6,170	10.5%
14	(19)	London Gatwick	5,919	29.0%
15	(14)	Stockholm	5,750	7.6%
16	(16)	Oslo	5,660	9.6%
17	(18)	Vienna	5,334	12.0%
18	(17)	Geneva	5,278	5.3%
19	(22)	Warsaw	5,220	26.7%
20	(11)	Rome Fiumicino	4,949	-16.1%

Total scheduled destinations
Europe

179

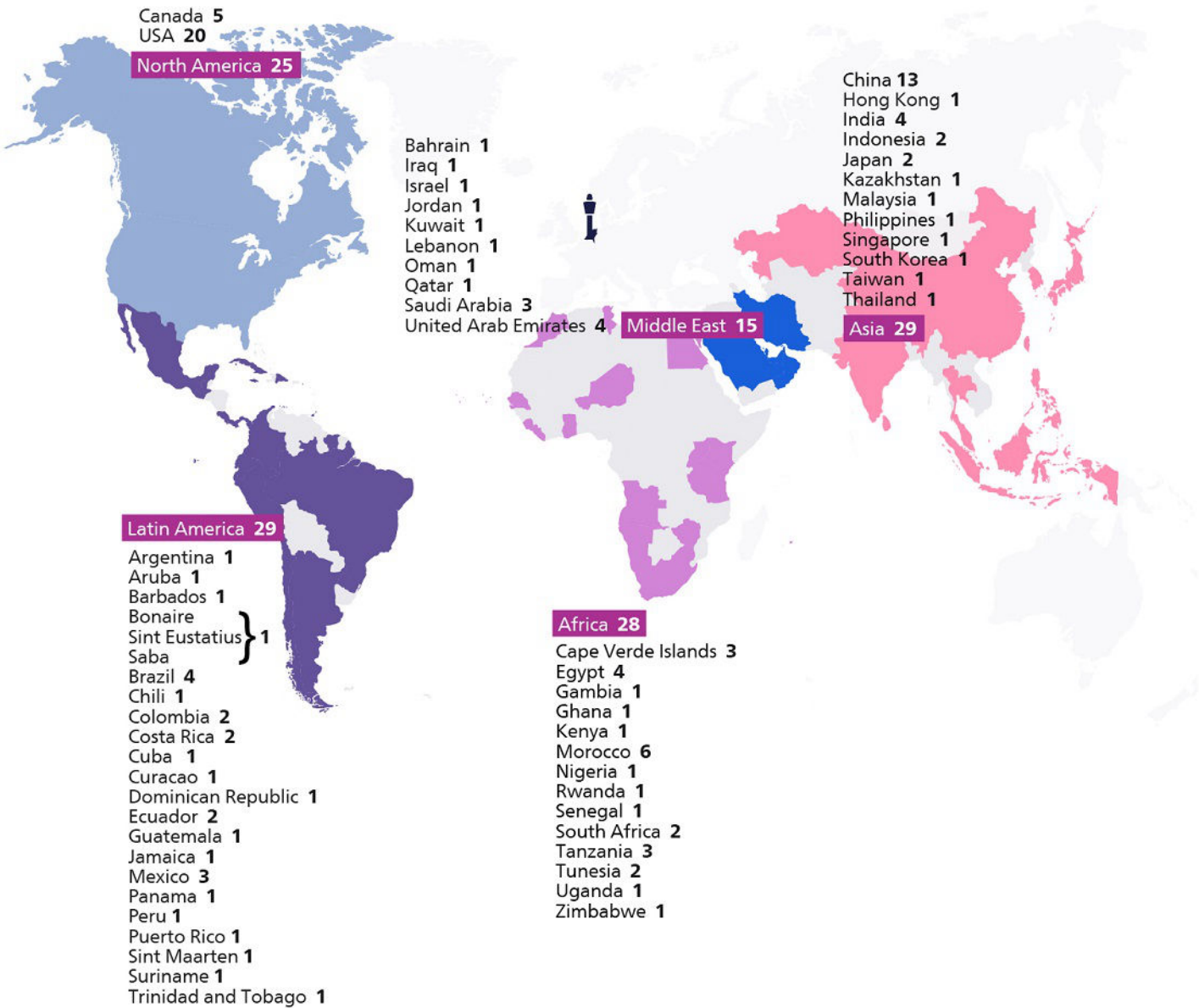


Destinations Intercontinental

Main Intercontinental origins/destinations

	(2022 Ranking ranking)	Airport	Air transport movements	Compared to 2022 in %
1	(1)	New York JFK	3,399	16.1%
2	(4)	Shanghai	3,290	21.4%
3	(2)	Atlanta	2,888	1.7%
4	(5)	Dubai International	2,769	5.5%
5	(3)	Tel Aviv	2,743	-0.9%
6	(8)	Detroit	2,164	22.8%
7	(9)	Minneapolis-St. Paul	2,074	20.2%
8	(11)	Doha	1,988	23.2%
9	(10)	Toronto	1,972	17.2%
10	(6)	Chicago	1,956	-11.3%
11	(7)	Curacao	1,735	-11.8%
12	(13)	Boston	1,704	21.4%
13	(14)	Nairobi	1,655	28.7%
14	(12)	Mexico City	1,476	0.5%
15	(17)	Houston	1,371	11.2%
16	(51)	Hong Kong	1,202	106.2%
17	(24)	Santiago	1,201	18.8%
18	(28)	Washington	1,159	43.4%
19	(20)	Seattle	1,157	1.9%
20	(15)	Taipei	1,141	-9.0%

Total scheduled destinations
 Intercontinental
126



Per aircraft type

According to type, full-freighter version

Ranking	Type	Average MTOW ¹	Total movements	Compared to 2022 in %
1	Boeing 777-200	347	5,443	-2%
2	Boeing 747-400	400	5,260	9%
3	Boeing 747-800	448	1,436	10%
4	Airbus 300	162	1,108	19%
5	Boeing 767-300	187	782	-9%
6	Airbus 330-300F	222	645	-22%
7	Airbus 330-200F	233	464	-29%
8	Boeing 757-200	105	418	-34%
9	Boeing 737-400	68	204	9%
10	Airbus 321	93	44	

¹ Maximum take off weight

According to type, passenger or mixed version

Ranking	Type	Average MTOW ¹	Total movements	Compared to 2022 in %
1	Boeing 737-800	73	96,558	9%
2	Embraer 190	46	70,691	17%
3	Airbus 320	75	37,993	12%
4	Embraer 175	37	36,263	8%
5	Airbus 319	66	24,206	3%
6	Embraer 295	58	19,728	30%
7	Airbus 320 neo	76	19,716	36%
8	Airbus 330-300	235	12,987	48%
9	Boeing 737-700	63	12,362	-14%
10	Boeing 777-300	351	11,571	13%
11	Boeing 777-200	298	9,291	17%
12	Boeing 787-9	252	8,518	-12%
13	Boeing 737-900	77	8,273	12%
14	Boeing 737MAX	82	6,902	10%
15	Airbus 220	66	6,502	63%
16	Boeing 787-10	255	6,141	57%
17	Boeing 787-8	225	6,118	46%
18	Airbus 321	88	5,148	82%
19	Bombardier-CJ 900	38	4,802	-10%
20	Airbus 321 neo	92	4,048	68%
21	Airbus 330-200	229	3,961	4%
22	Airbus 350-900	275	3,403	-14%
23	Embraer 195	52	1,996	-4%
24	Airbus 330-900 neo	245	1,948	-36%
25	Embraer 170	34	1,350	122%
26	Airbus 318	62	990	-21%
27	Embraer 145	22	864	25%
28	Boeing 767-300	182	798	-39%
29	Airbus 380	533	732	-7%
30	Airbus 350-1000	316	652	705%

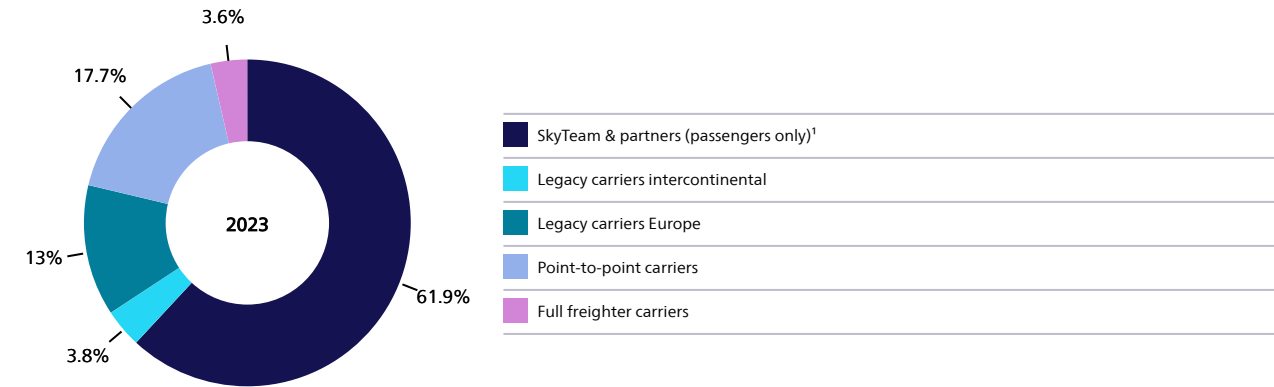
¹ Maximum take off weight

Main airlines

Air transport movements by airline segment

	2023	Share in total
SkyTeam & partners (passengers only) ¹	273,653	61.9%
Legacy carriers intercontinental	16,946	3.8%
Legacy carriers Europe	57,354	13.0%
Point-to-point carriers	78,033	17.7%
Full freighter carriers	15,983	3.6%
Total air transport movements	441,969	100.0%

¹ all flights operated by KLM or in codeshare with KLM



¹ all flights operated by KLM or in codeshare with KLM

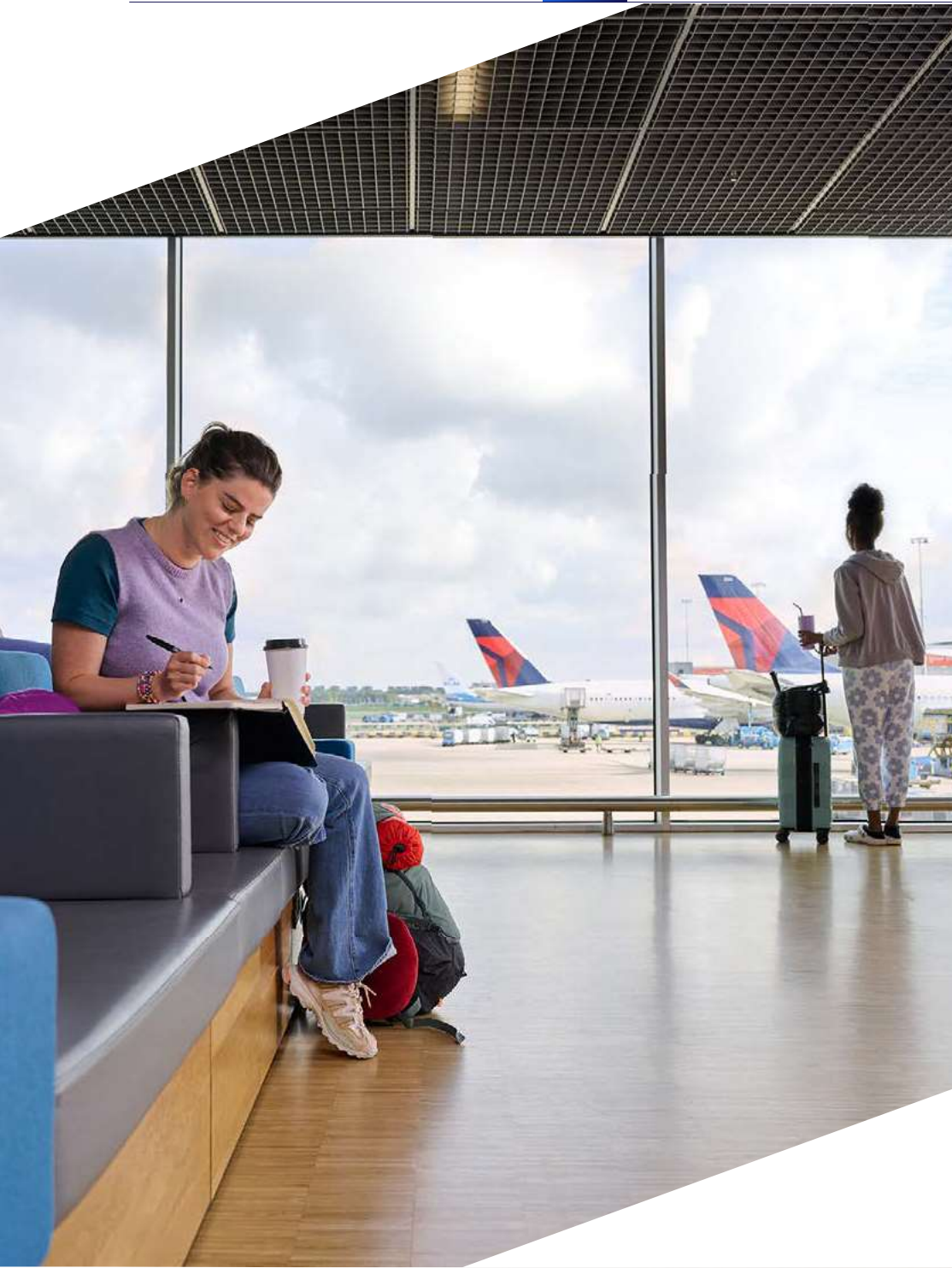
Air transport movements

2023	(2022 ranking)	Airline	Total	Compared to 2022 in %
1	(1)	KLM	228,956	14.1%
2	(2)	easyJet	35,482	10.5%
3	(3)	Transavia	30,567	7.7%
4	(4)	Delta Air Lines	11,259	15.3%
5	(5)	Vueling	10,393	10.1%
6	(7)	British Airways	10,043	38.6%
7	(6)	TUI fly	8,264	3.4%
8	(9)	Lufthansa	7,191	16.9%
9	(8)	Air France	5,764	-18.0%
10	(11)	SAS	5,585	16.1%
11	(10)	Turkish Airlines	4,521	-8.7%
12	(14)	Aer Lingus	3,586	13.5%
13	(13)	Ryanair	3,569	9.6%
14	(12)	Corendon	3,366	-5.5%
15	(16)	ITA Airways	3,259	13.1%
16	(15)	airBaltic	3,159	5.0%
17	(19)	United Airlines	3,112	22.1%
18	(17)	Emirates	3,060	6.5%
19	(18)	Swiss	2,943	14.7%
20	(20)	Austrian	2,856	20.4%
21	(28)	LOT Polish Airlines	2,635	52.0%
22	(21)	TAP Air Portugal	2,434	12.0%
23	(24)	Qatar Airways	2,430	25.9%
24	(23)	Pegasus	2,212	9.1%
25	(26)	China Southern	2,072	13.3%
26	(25)	Norwegian Air	2,022	8.5%
27	(27)	DHL International	1,754	-3.3%
28	(29)	Air Europa	1,456	-0.1%
29	(31)	Tarom	1,452	1.6%
30	(30)	Iberia Express	1,400	-2.4%
Other Airlines			35,167	1.9%
Total			441,969	11.1%

New airlines

Example of airlines (re)starting services in 2023

Airline	Type	Flights in 2023
	Passenger	177
	Passenger	26
	Passenger	450



Passengers