



GLOBAL AVIATION MONITOR

October 2024

Statistical Report of Global, European and German Air Transport



Contents October 2024

Number of monthly departures _____	04
At the largest airports in the world _____	04
At the largest airports in Europe _____	05
At the largest airports in Germany _____	05
By the largest airlines in the world _____	06
By the largest airlines in Europe from European airports _____	06
By the largest airlines in Germany from German airports _____	07
Development of air transport supply _____	08
Development of the global air transport supply _____	08
Changes in the global air transport supply _____	08
Development of the German air transport supply _____	09
Changes in the German air transport supply _____	09
Imprint _____	10

The Global Aviation Monitor

The Global Aviation Monitor is a statistical report series from the Institute of Air Transport of the German Aerospace Center, which serves as a supplement to various statistics, such as those from the Federal Statistical Office or the German Airports Association (ADV).

It provides monthly reports on the supply of flights in Germany, Europe, and worldwide. The development of flights over the last fifteen months is presented in the form of a time series. Additionally, there is a monthly ranking of the largest airports and airlines in Germany, Europe, and worldwide, which are compared to the values of the previous year. The data is released during each month and represents the planned data for the current month.

This report fills a gap that is of interest to both airports and airlines in assessing their position on a global scale. It is of interest to policy-makers, administrators, industry stakeholders, and tourism offices to gauge the performance of their region. In the event of significant changes, it is worthwhile to examine closely what has caused them. Due to its monthly updates, the report can serve as a leading indicator for trends and developments.



The report is being developed at the Air Transport Development department of the DLR-Institute of Air Transport. The department develops and applies methods for analysing and forecasting air transport at various levels (global, national, regional, airport-specific).

Number of Monthly departures in October 2024

Departures rise at 20 of the world's largest airports

At 20 of the world's 25 largest airports, the number of departures increased in October 2024 compared to the previous year. The five largest airports are in North America, with Atlanta being the busiest, recording approximately 33,100 departures. Guangzhou in Asia is now in 6th place, while London Heathrow ranks 9th as the largest European airport. Frankfurt stands 17th in the global ranking.

This figure shows the twenty-five largest **airports worldwide**, measured in passenger flights.

Rank	Airport	10/2024	Growth rate
1	Atlanta Hartsfield-Jackson Intl	33,071	2.6
2	Chicago O'Hare International	33,018	10.1
3	Dallas/Fort Worth Intl	31,411	7.9
4	Denver Intl	28,646	2.0
5	Charlotte	23,995	10.3
6	Guangzhou	22,146	14.4
7	Los Angeles International	22,015	0.2
8	Shanghai Pudong International	21,710	12.5
9	London Heathrow	20,864	2.1
10	Tokyo Haneda	20,581	3.7
11	Amsterdam	20,412	0.8
12	Istanbul	20,119	-0.8
13	Delhi	19,565	5.7
14	Las Vegas McCarran International	19,266	-1.0
15	Paris Charles de Gaulle	18,907	2.6
16	Beijing Capital	18,552	7.6
17	Frankfurt	18,519	-2.6
18	Phoenix Sky Harbor Intl	18,499	9.2
19	New York J F Kennedy	18,279	-1.6
20	Dubai	18,270	4.5
21	Houston George Bush	17,869	3.9
22	Shenzhen	17,534	5.2
23	Chengdu Tianfu	17,287	6.8
24	Seattle/Tacoma International	17,277	-0.4
25	Jakarta Soekarno-Hatta	17,264	2.3

Source: DLR

This table shows the twenty-five largest **European airports**, measured in passenger flights.

Rank	Airport	10/2024	Growth rate
1	London Heathrow	20,864	2.1
2	Amsterdam	20,412	0.8
3	Istanbul	20,119	-0.8
4	Paris Charles de Gaulle	18,907	2.6
5	Frankfurt	18,519	-2.6
6	Madrid Barajas	16,268	2.9
7	Barcelona	14,673	7.2
8	Rome Fiumicino	14,457	10.3
9	Munich	14,241	2.0
10	London Gatwick	12,192	3.0
11	Palma Mallorca	11,442	6.6
12	Athens Intl Eleftherios Venizelos	10,898	8.9
13	Zurich	10,831	2.8
14	Vienna	10,761	5.5
15	Antalya	10,510	6.7
16	Copenhagen	10,284	1.5
17	Dublin	10,173	-1.9
18	Istanbul Sabiha Gokcen	10,130	3.8
19	Lisbon	9,783	-0.2
20	Moscow Sheremetyevo	9,727	16.8
21	Oslo	9,176	0.2
22	Paris Orly	9,066	-6.7
23	Manchester International	8,690	6.6
24	Milan Malpensa	8,398	6.4
25	Berlin	8,291	6.2

Source: DLR

Top European airports with 18,000+ departures in October 2024

The largest European airports with the highest number of passenger flights in October 2024 are London Heathrow, Amsterdam, Istanbul, Paris, and Frankfurt, each with more than 18,000 scheduled departures. Munich is ranked 9th, while Berlin stands at 25th in Europe.

Ranking by Airports Globally, for Europe and Germany

The twenty-five largest **German airports** are listed below, measured in passenger flights.

Rank	Airport	10/2024	Growth rate
1	Frankfurt	18,519	-2.6
2	Munich	14,241	2.0
3	Berlin	8,291	6.2
4	Dusseldorf	7,239	1.2
5	Hamburg	5,468	6.0
6	Stuttgart	3,525	2.2
7	Cologne/Bonn	3,512	-3.0
8	Hanover	2,105	14.2
9	Nuremberg	1,495	1.1
10	Dortmund	932	24.6
11	Memmingen	901	19.8
12	Leipzig/Halle	785	6.1
13	Bremen	783	1.2
14	Weeze	609	22.3
15	Munster	561	8.9
16	Karlsruhe/Baden Baden	517	9.8
17	Hahn	492	6.0
18	Dresden	429	-7.5
19	Paderborn	355	27.7
20	Saarbrücken	185	4.5
21	Westerland	72	-16.3
22	Erfurt	58	93.3
23	Friedrichshafen	46	-68.9
24	Luebeck	42	-52.8
25	Kassel	41	-28.1

Source: DLR

Mixed growth trends for airports in Germany in October 2024

With the exception of Germany's largest airport, Frankfurt, most major airports have recorded positive growth rates in October 2024. Airports such as Dortmund, Memmingen, and Weeze, where low-cost carriers primarily operate, have seen high growth rates. In contrast, very small airports like Lübeck and Friedrichshafen have experienced a significant decline in departures.

Number of Monthly departures in October 2024

Major airlines expand scheduled passenger flights in October 2024

Most of the major airlines worldwide increased their number of scheduled passenger flights in October 2024. American Airlines offers the largest number of flights, with around 188,600 departures, while Lufthansa ranks 12th with more than 37,000 departures. A sharp decline is noted at Turkish Airlines, partly due to a shift of flights to the newly established subsidiary Ajet. When comparing figures with the previous year, special factors such as holidays and public vacations must be considered, as these can influence the number of flights available in each month.

Ryanair leads European airlines in passenger flights for October 2024

Ryanair offers the largest number of flights in Europe in October 2024, with almost 100,000 departures and a growth of around 6.5% compared to last year, followed by easyJet with approximately 53,000 departures. In contrast, a decline is observed at Wizz Air, partly due to a shift of flights to its subsidiary, Wizz Malta.

This figure shows the **world's** twenty-five **largest airlines**, measured in passenger flights.

Tab. 4: Number of monthly departures by the largest airlines in the world

Rank	Airline	10/2024	Growth rate
1	American Airlines	188,608	9.2
2	Delta Air Lines	149,291	5.3
3	United Airlines	143,622	8.2
4	Southwest Airlines	121,195	-7.1
5	Ryanair	100,407	6.5
6	China Eastern Airlines	74,690	0.4
7	China Southern Airlines	72,428	0.1
8	IndiGo Air	66,777	9.5
9	Air China	54,345	3.1
10	easyJet	54,234	3.2
11	Lan Airlines	47,740	9.1
12	Lufthansa German Airlines	37,005	-7.6
13	Alaska Airlines	36,347	6.5
14	Turkish Airlines	33,087	-27.4
15	Air Canada	31,885	0.7
16	All Nippon Airways	31,664	3.3
17	Azul	28,137	6.7
18	British Airways	27,430	3.6
19	Japan Airlines International	26,684	1.2
20	JetBlue Airways Corporation	25,608	-8.7
21	Aeroflot Russian Airlines	25,589	19.9
22	Air France	24,632	-0.3
23	Shenzhen Airlines	24,180	5.4
24	Qantas Airways	23,992	0.8
25	Hainan Airlines	23,520	4.2

Source: DLR

The twenty-five **airlines in Europe** with the most passenger flights are listed below.

Tab. 5: Number of monthly departures by the largest airlines in Europe from European airports

Rank	Airline	10/2024	Growth rate
1	Ryanair	98,139	6.5
2	easyJet	52,940	2.7
3	Lufthansa German Airlines	34,453	-7.4
4	Turkish Airlines	27,880	-29.8
5	British Airways	24,019	3.2
6	Air France	21,234	0.4
7	KLM-Royal Dutch Airlines	20,805	0.5
8	SAS Scandinavian Airlines	20,257	-1.2
9	Aeroflot Russian Airlines	19,695	18.8
10	Vueling Airlines	19,476	1.2
11	Pegasus Airlines	17,373	10.8
12	Iberia	17,344	-0.5
13	Eurowings	16,925	4.6
14	Wizz Air Malta	12,366	32.6
15	Swiss	12,277	5.6
16	Wizz Air	12,055	-10.7
17	Jet2.com	11,868	12.2
18	ITA Airways	11,037	-1.8
19	Austrian Airlines AG	11,031	5.1
20	Wideroe's Flyveselskap	10,849	2.3
21	SunExpress	10,410	15.7
22	Ajet	9,889	---
23	Aegean Airlines	9,614	17.3
24	Finnair	9,478	15.0
25	TAP Air Portugal	9,240	-4.2

Source: DLR

This table ranks the twenty-five **airlines** that offer the most passenger flights in **Germany**.

Tab. 6: Number of monthly departures by the largest airlines in Germany from German airports

Rank	Airline	10/2024	Growth rate
1	Lufthansa German Airlines	22,409	-7.4
2	Eurowings	9,097	4.6
3	Ryanair	4,873	2.8
4	SunExpress	2,785	5.9
5	Condor Flugdienst	2,356	13.8
6	Air Dolomiti	2,109	18.4
7	easyJet	1,552	5.4
8	KLM-Royal Dutch Airlines	1,418	-0.8
9	Pegasus Airlines	1,349	14.3
10	Austrian Airlines AG	1,312	2.8
11	TUIfly	1,233	10.2
12	British Airways	1,068	-10.3
13	Turkish Airlines	1,000	-36.4
14	Eurowings Discover	998	72.7
15	Air France	981	-0.2
16	Swiss	974	-3.6
17	Wizz Air	844	2.1
18	Wizz Air Malta	705	32.0
19	SAS Scandinavian Airlines	656	-3.7
20	Corendon	562	37.7
21	Aegean Airlines	561	4.9
22	United Airlines	495	-10.2
23	Marabu Airlines	490	36.9
24	LOT - Polish Airlines	472	8.8
25	Corendon Europe	466	7.1

Source: DLR

Lufthansa remains Germany's leading airline by passenger flights in October 2024

The airline with the largest number of flights in Germany is Lufthansa, with around 22,400 departures, followed by Eurowings with more than 9,000 departures and Ryanair with approximately 5,000 departures. A decline can be observed at Lufthansa, which is partly offset by the new Lufthansa subsidiary, Lufthansa City Airlines. Eurowings Discover has significantly increased its flight capacity, growing from around 580 scheduled departures last year to nearly 1,000 this year.

Ranking by Airlines Globally, for Europe and Germany



Number of Monthly departures and growth rate

Global and German air traffic trends in October 2024

The following diagrams show the development of global and German flight capacity over the last fifteen months, both worldwide and in the individual region.

Development Globally and for Germany

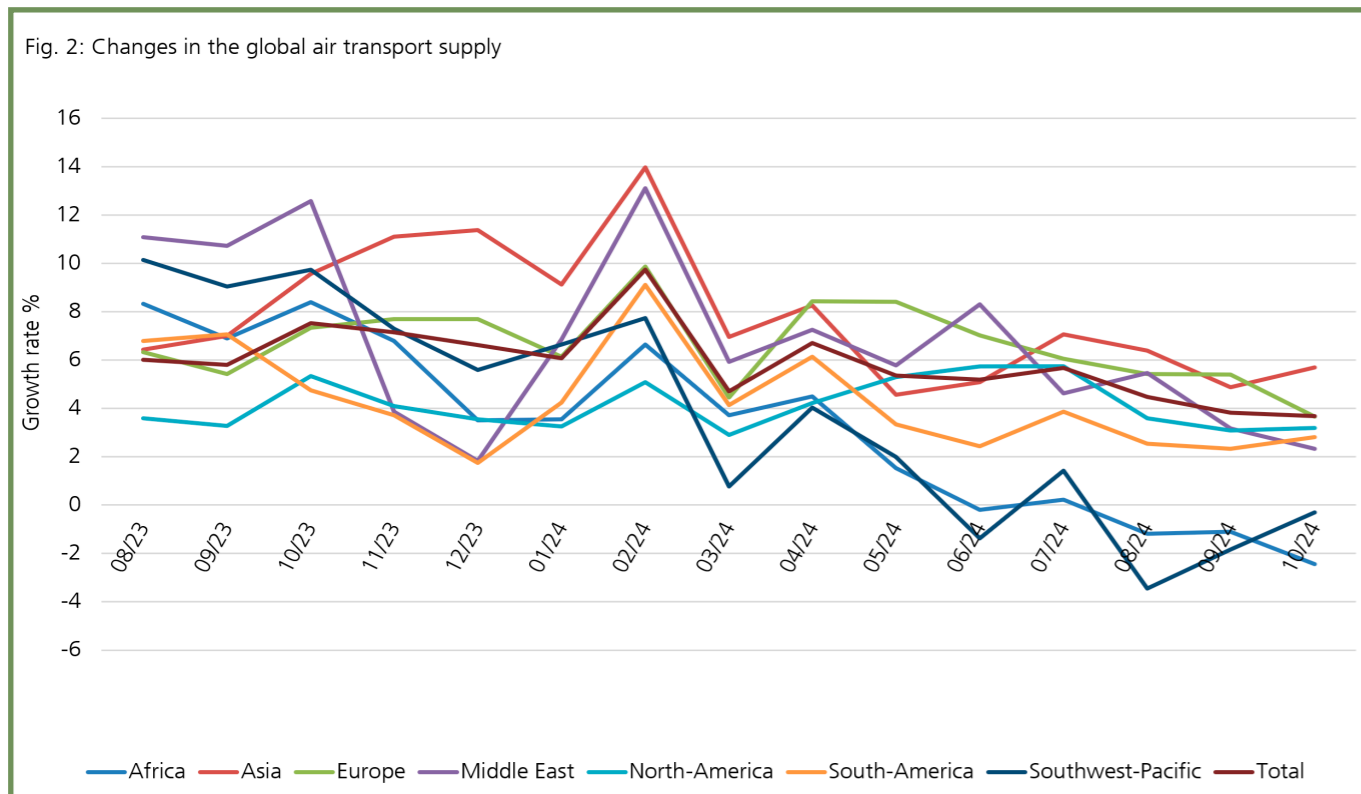
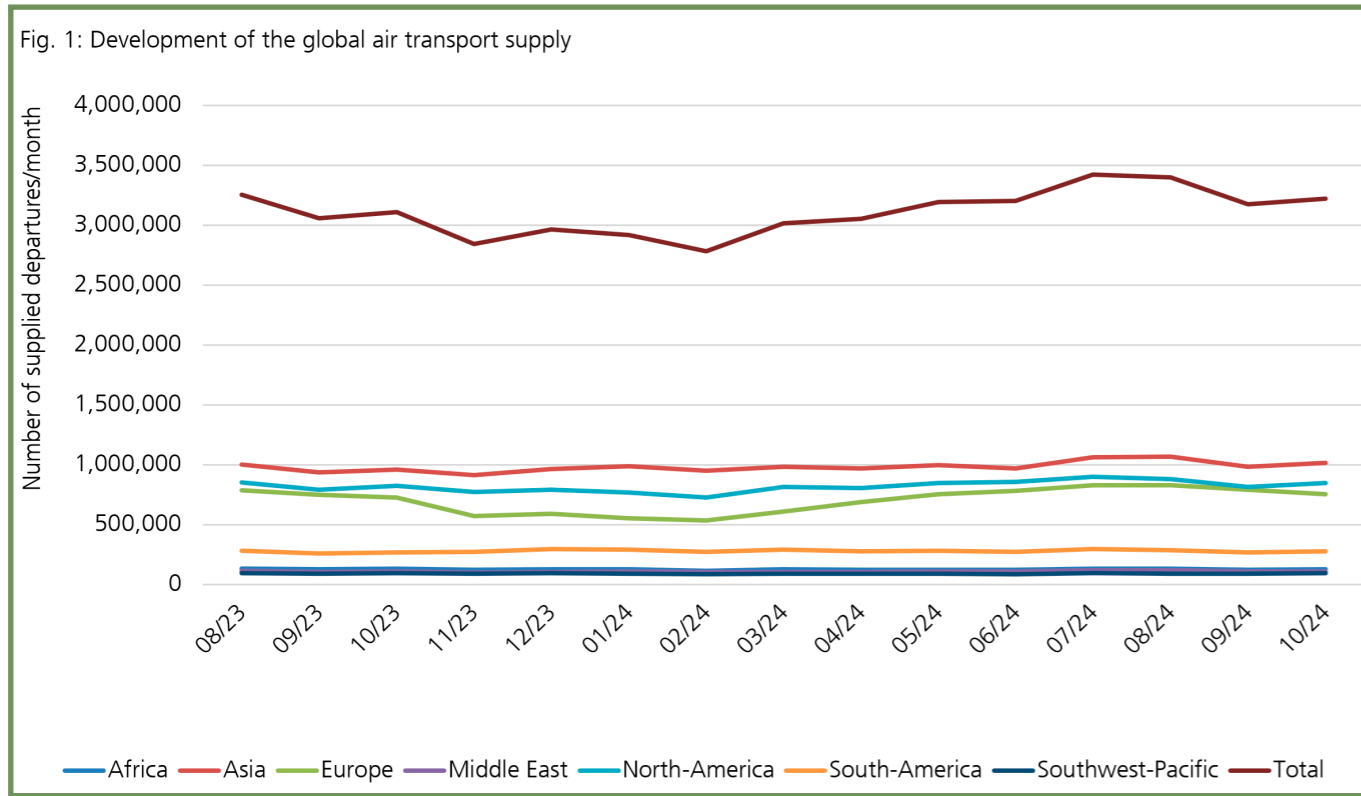
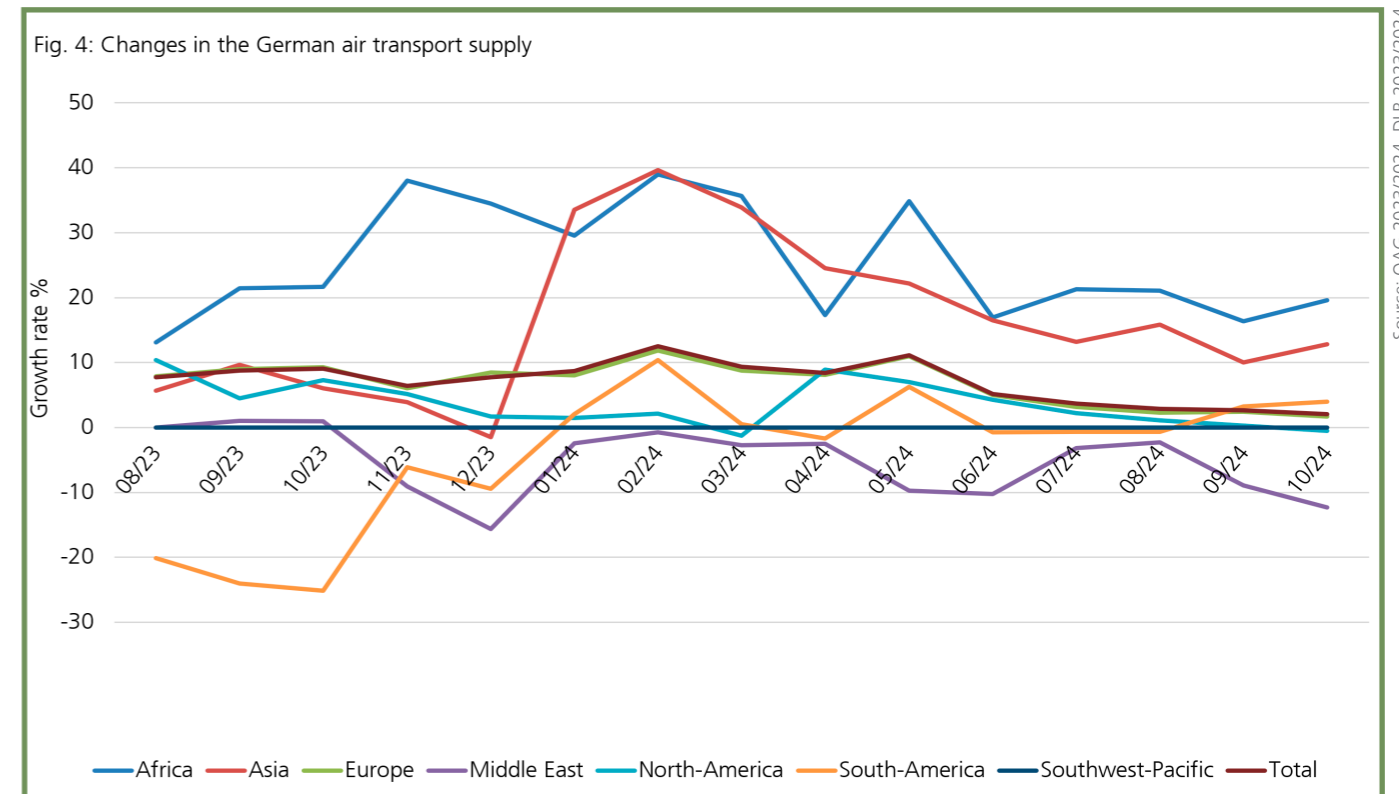
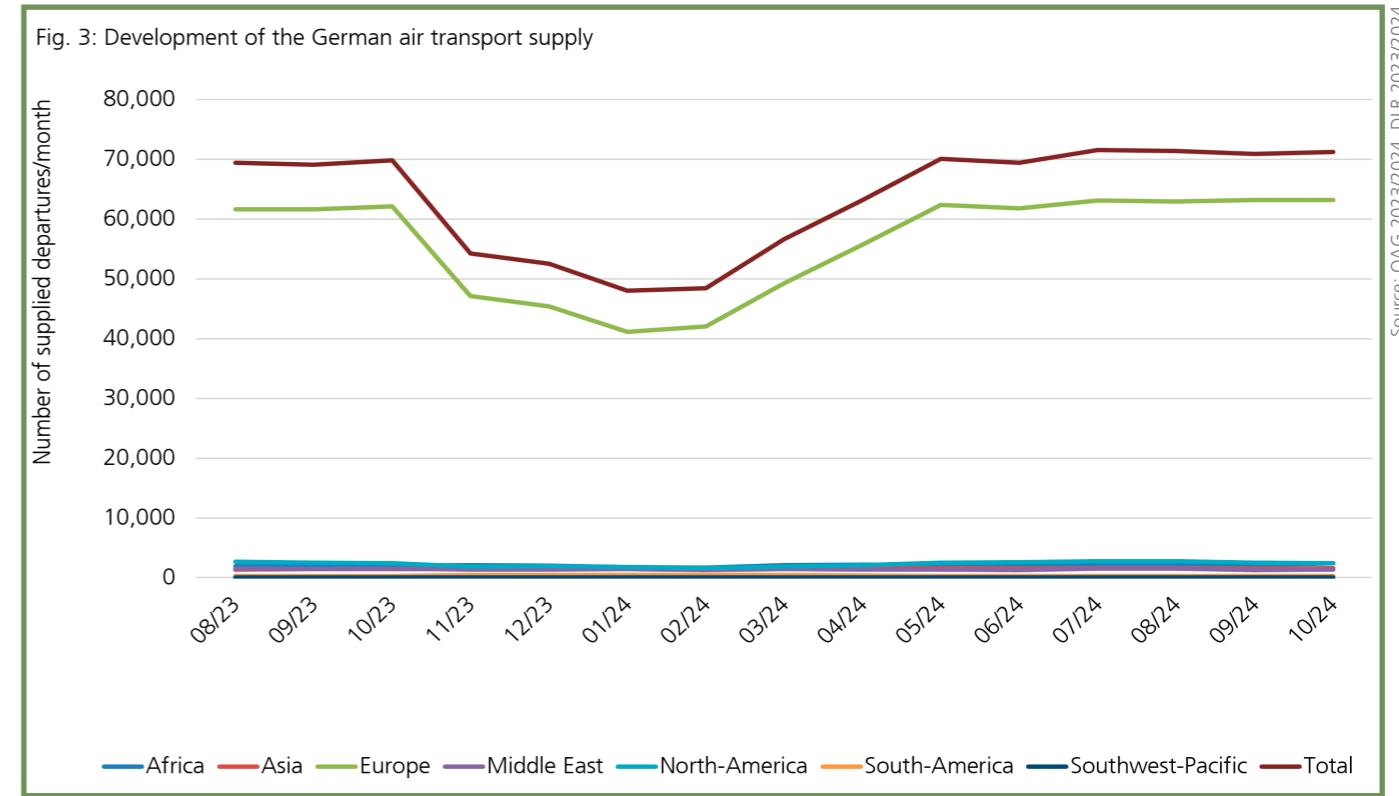


Fig. 1-2: **Global scheduled passenger flights increase by 3.7% in October 2024**

In October 2024, the number of scheduled passenger flights worldwide grew by around 3.7% compared to the previous year, amounting to 3.2 million departures. The regions with the highest volumes are Asia, North America, and Europe, with Asia showing the strongest growth at around 5%.

Fig. 3-4: **Germany sees 2.1% growth in scheduled passenger flights for October 2024**

In Germany, around 71,000 scheduled departures are expected in October 2024, reflecting a growth of 2.1% compared to last year. Approximately 63,000 of these flights are set to European airports.



DLR Overview

The DLR is the research center of the Federal Republic of Germany for aerospace. We conduct research and development in aviation, space, energy, transportation, security, and digitalisation. The German Space Agency at DLR is responsible, on behalf of the Federal Government, for planning and implementing German space activities. Two DLR project agencies manage funding programmes and support knowledge transfer.

Climate, mobility, and technology are changing globally. The DLR utilises the expertise of its 54 institutes and facilities to develop solutions for these challenges. Our more than 10,000 employees have a common mission: we explore Earth and space and develop technologies for a sustainable future. In doing so, we contribute to strengthening Germany's knowledge and economic base.

DLR Institute of Air Transport

The DLR Institute of Air Transport researches the complex interactions within the air transport system. We develop future scenarios, conduct economic and business analyses, and model and simulate flight and fleet operations.

We forecast, shape, and evaluate air transport as part of the overall transport system to enhance climate compatibility and performance. To achieve this, we integrate ecological, economic, technological, and social aspects of air transport.

Within DLR, we consolidate expertise in analysing air transport markets and assessing the entire value chain. This positions us as a competent partner for industry, society, and policy makers.

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