



CAA Aviation Trends Quarter 2 2024

Report Contents.....	A
Notes.....	B

Latest Quarter

Key Performance Indicators (KPIs)

Infographic.....	2
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Terminal Passengers

Year-on-year comparison.....	3
5 Year Trend.....	4

Air Transport Movements (ATM's)

Year-on-year comparison.....	5
5 Year Trend.....	6

Cargo Tonnage

Year-on-year comparison.....	7
5 Year Trend.....	8

Punctuality

Year-on-year comparison.....	9
Airport.....	10
Airline.....	11

10 Year Trends

Terminal Passengers, ATM's and Cargo Tonnage.....	12
Load Factor, Average Seats per Flight.....	13
Punctuality.....	14

Trend since 1990 (30+ years)

Terminal Passengers, % On-Time Performance (OTP).....	15
Cargo Tonnage.....	16

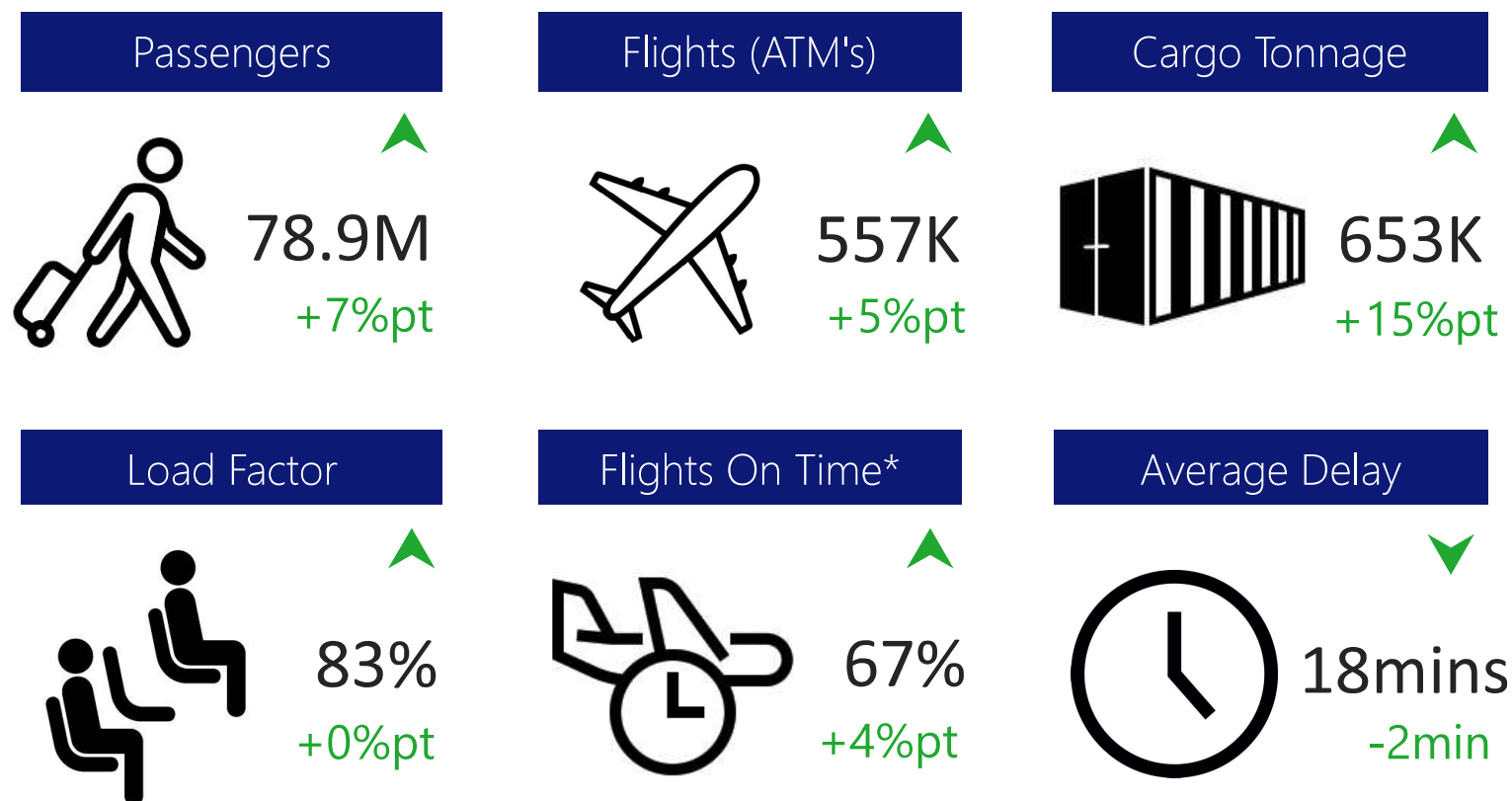
Data Tables (Latest Quarter)

Terminal Passengers.....	17
ATM's.....	18
Cargo Tonnage.....	19

Report Notes

1. Welcome to the CAA's *Aviation Trends* report. Every quarter we update key metrics which summarise "commercial" aviation activity at the United Kingdom's airports. Please note that the figures may be subject to minor changes in future due to on-going adjustment, revision and updates - historic reports will not be reissued.
2. The data in this report is compiled by the CAA with the co-operation of UK airport and airline operators. Their assistance is gratefully acknowledged. More detailed data and information regarding the source(s) are available on the CAA's website: <https://www.caa.co.uk/data-and-analysis/uk-aviation-market/>
3. Since the information contained in this report has been acquired from multiple sources, it is not possible for the CAA to check and verify whether it is accurate and correct nor do we undertake to do so. Consequently the CAA cannot accept any liability caused by any person's reliance on it.
4. For the purposes of this report the Channel Islands - Jersey, Guernsey, Alderney - and the Isle of Man are considered domestic aviation and their data is included, despite not formally being part of the United Kingdom.
5. **Terminal Passengers**
 - a. Terminal passenger are travellers who board or disembark a commercial flight at a UK reporting airport. Note: domestic passengers are effectively counted twice (on boarding at one UK airport and disembarking at another) and therefore the figures displayed will not reflect the number of "onboard" passengers in the UK aviation market.
 - b. Load Factor is calculated by dividing the number of passengers on a flight by the total number of seats expressed as a percentage - i.e. reflecting the seat occupancy on flights.
6. **Air Transport Movements (ATMs)**
 - c. Similar to Terminal Passengers (above), an ATM between two UK airports - i.e. a domestic flight - will be counted twice, once on departure and on arrival at the destination airport.
 - d. Data excludes Air Taxi flights: this is charter air transport movements performed by aircraft with a Maximum Take Off Weight (MTOW) of below 15 tonnes.
7. **Cargo Tonnage** data represents freight and mail which is transported into and out of the UK on air freighters and in the belly hold of passenger aircraft. Any cargo transiting the UK is not included in the figures.
8. **Punctuality**
 - e. The CAA collects punctuality information from 25 UK airports - these are typically the largest airports in terms of movements/passengers. For the full list please visit the link below
 - f. In the punctuality data, 'delay' is recorded as the difference between an aircraft's scheduled arrival or departure time and the actual time it reaches or departs the airport gate (pre 2018 'delay' was measured as the difference between the scheduled time and a calculated time that the aircraft reached/depended the gate by taking the time the aircraft arrived at the runway and a fixed taxi time to/from the gate (see the link below for more information).
 - g. In 2018 the CAA began formally collecting flight cancellation information from airport suppliers. Before this data was supplied to the CAA on a voluntary basis. For more information on what formally constitutes a cancellation in the CAA data, please visit the link below.
 - h. A flight is deemed to be "on-time" if it arrives or departs from the airport gate within 15 minutes of its scheduled time. The figures displayed in this report are an aggregation of UK arrival and departure punctuality.
 - i. Since the CAA only collects information from UK airports, this report contains no information about overseas punctuality. This is pertinent particularly for flights departing the UK where time may be gained (or lost) en-route and therefore the total delay experienced by passengers may vary to that published.
 - j. Average delay minutes are calculated from the total minutes of delay recorded by all flights (with early flights counted as zero minutes delay) divided by the total number of flights operated.
 - k. More details regarding CAA punctuality statistics can be found here: <https://www.caa.co.uk/data-and-analysis/uk-aviation-market/flight-punctuality/uk-flight-punctuality-statistics/>
9. As some of the trends in this report are long term (30+ years), not all airports consistently reported to the CAA over this period - particularly regarding punctuality dataset. Therefore these figures should be used as a guide of national performance and not necessarily the precise results.

Key performance indicators - Q2 2024 (vs 2023)



The figures on the left show the number of passengers, air transport movements (ATMs) and cargo volumes for the quarter. The load factor (the percentage of seats occupied on flights) and punctuality metrics are also displayed.

The text in green or red show growth rates relative to the same period last year.

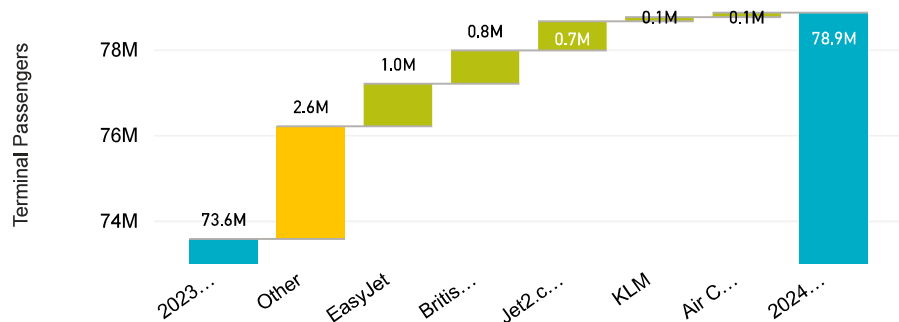
* A flight is considered "on time" if it arrives or departs the gate within 15 minutes of the scheduled time.

Terminal passengers Q2 2024

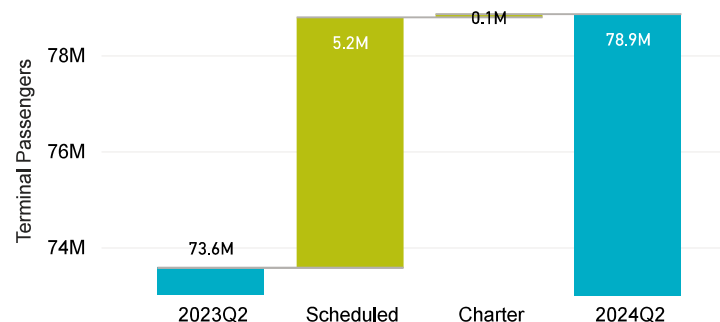
Year-on-year comparison



Terminal passengers by airline

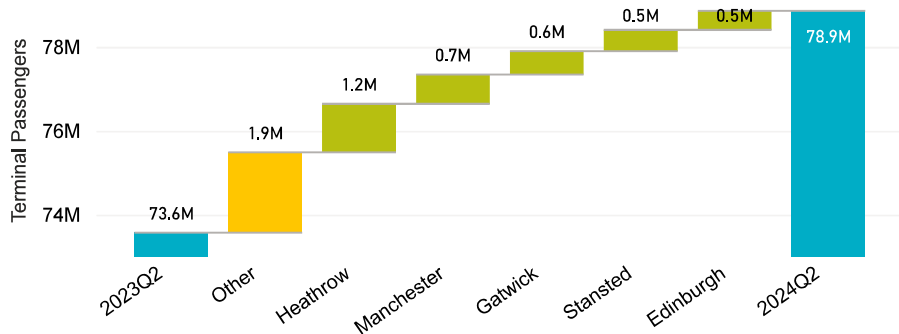


Terminal passengers by scheduled & charter services

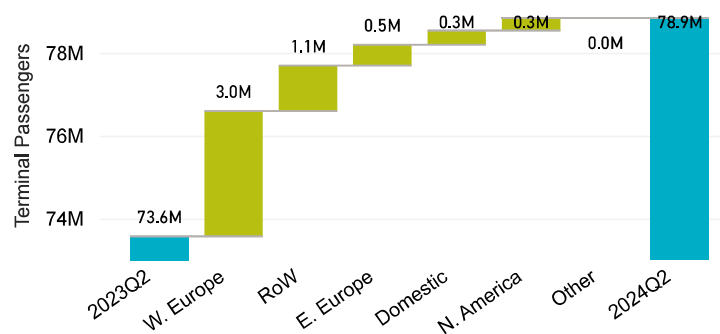


The number of terminal passengers in Q2 was 78.9M up from 73.6M in the same period last year.

Terminal passengers by reporting airport



Terminal passengers by market



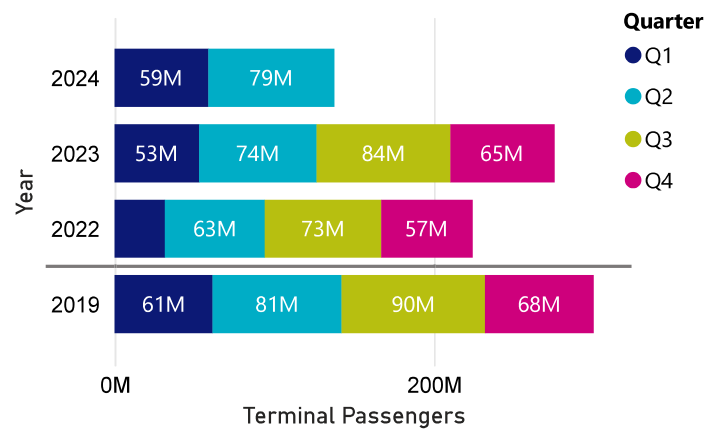
The charts on this page show the distribution of passenger growth across UK airports, airlines, operation type and market. The top 5 contributors are displayed for airports and airlines with the remainder grouped as "Other".

Terminal passengers

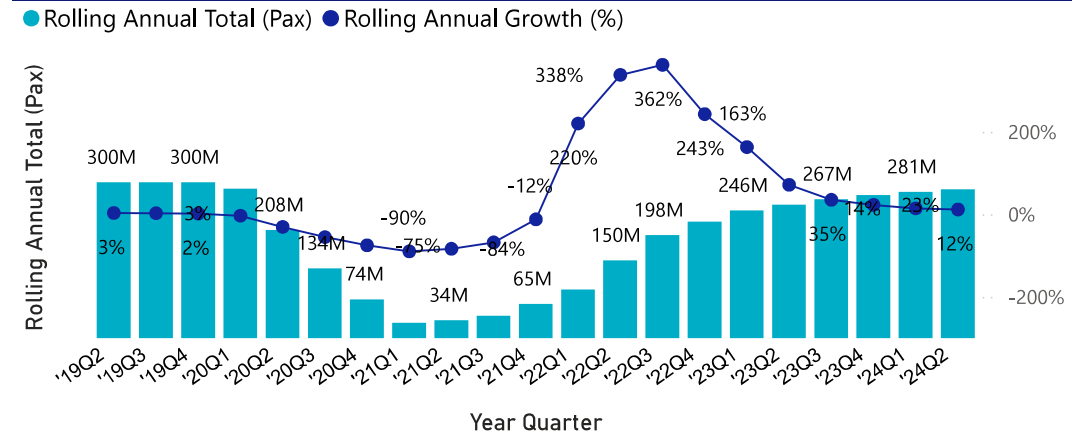
5 Year Trend



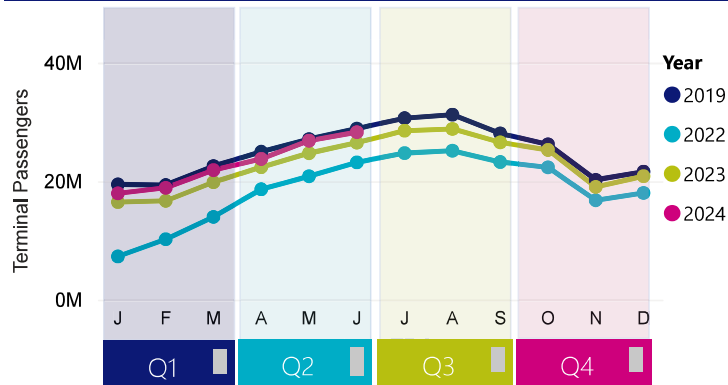
Quarterly



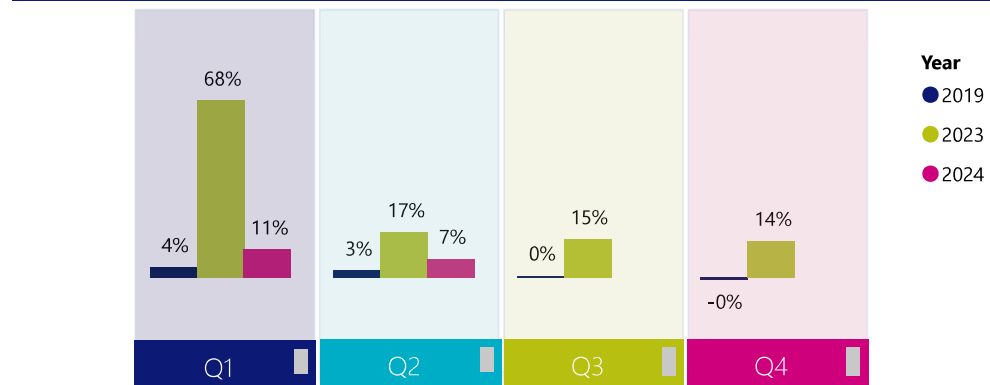
Rolling 12-month total



Monthly



Year-on-year % Variance

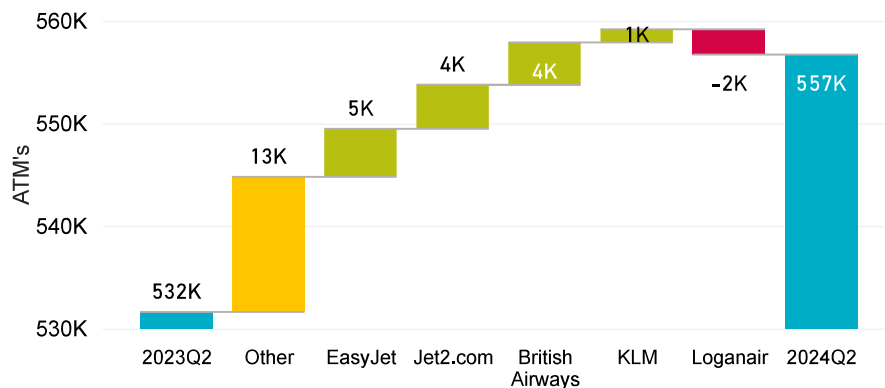


Air Transport Movements (ATM's) - Q2 2024

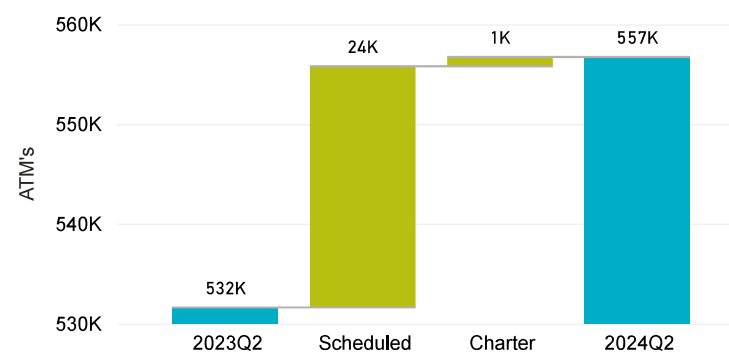
Year-on-year comparison



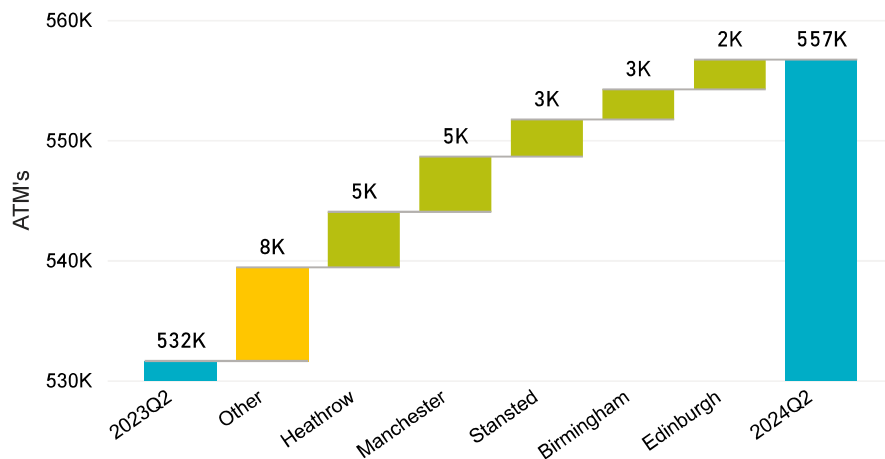
ATM's by airline



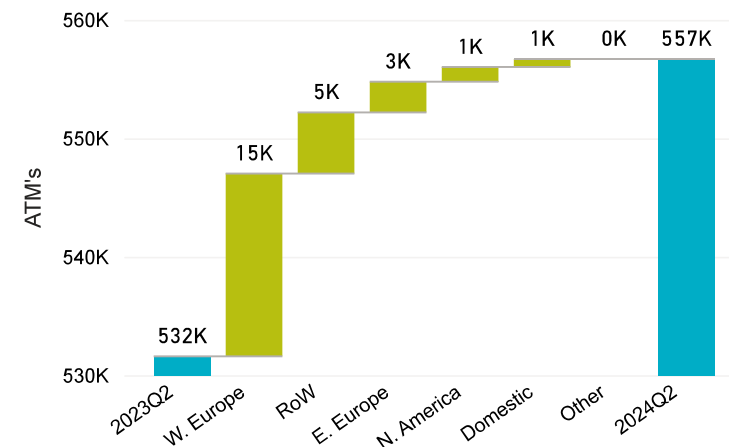
ATM's by scheduled & charter operation



ATM's by reporting airport



ATM's by market



The number of ATM's in Q2 was 557K up from 532K in the same period last year.

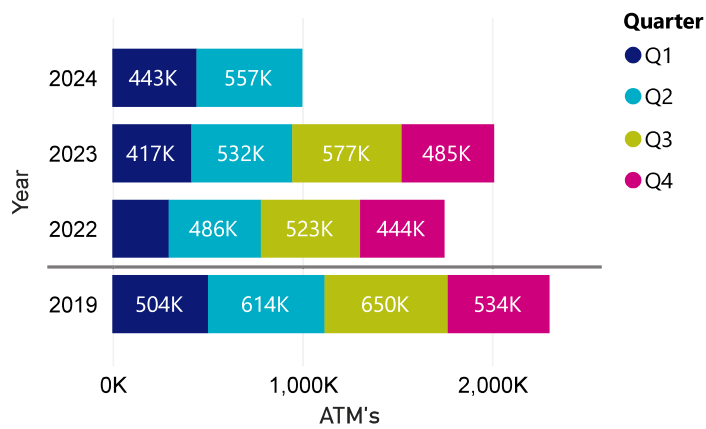
The charts on this page show how ATM growth is distributed across UK airports, airlines, operation type and market. The top 5 contributors are displayed for airports and airlines with the remainder grouped as "Other".

Air Transport Movements (ATM's)

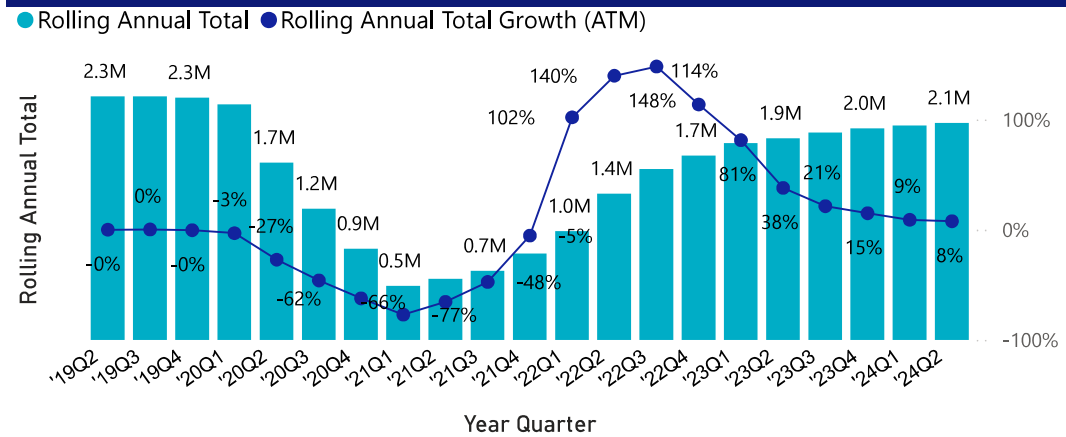
5 Year Trend



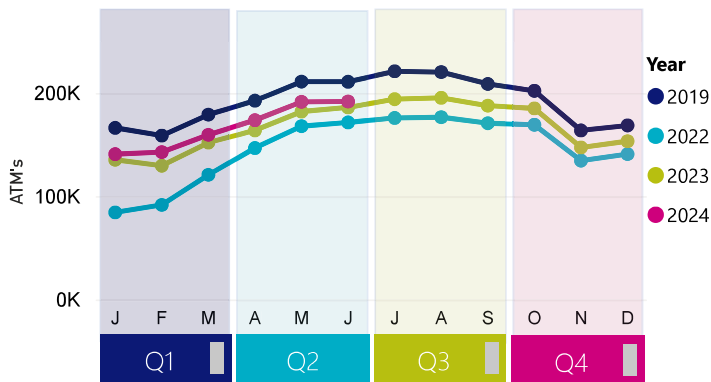
Quarterly



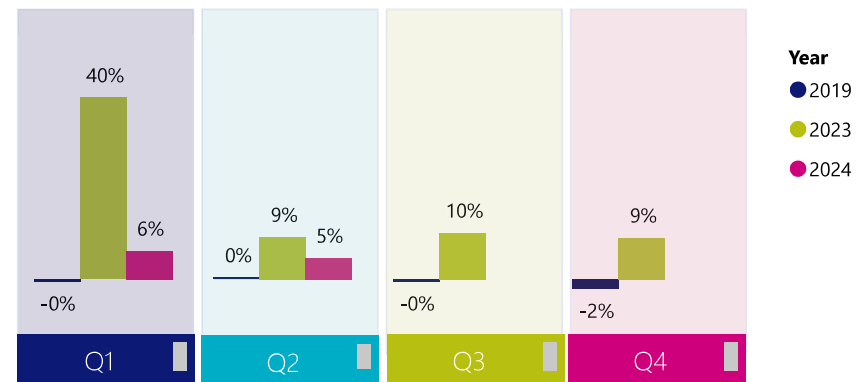
Rolling 12-month total



Monthly



Year-on-year % Variance

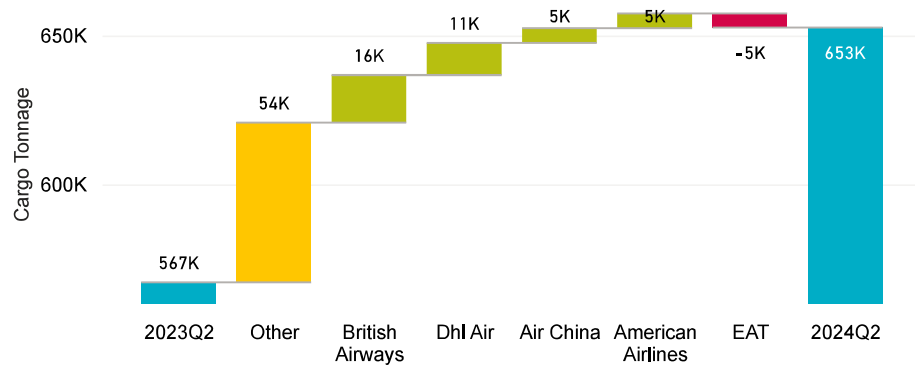


Cargo Tonnage - Q2 2024

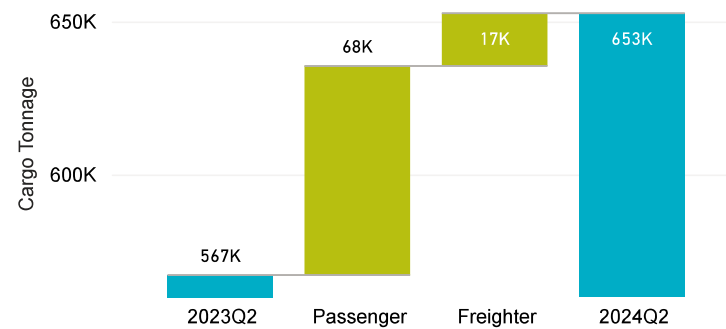
Year-on-year comparison



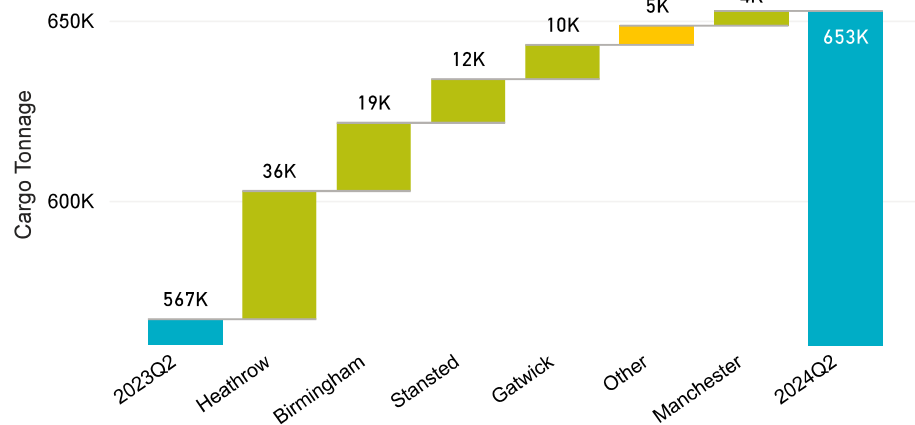
Cargo tonnage by airline



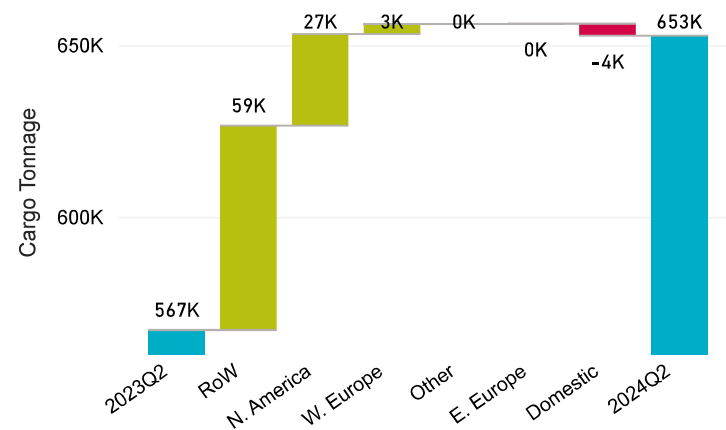
Cargo tonnage by passenger & freighter services



Cargo tonnage by reporting airport



Cargo tonnage by market



Cargo Tonnage in Q2 was 653K up from 567K in the same period last year.

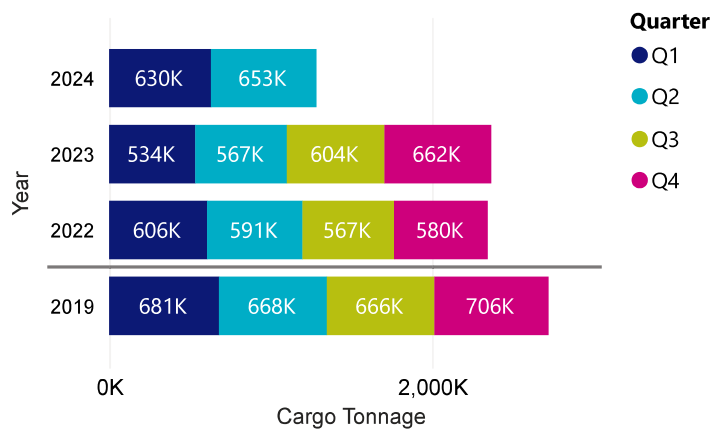
The charts on this page show how cargo tonnage growth is distributed across UK airports, airlines, operation type and market. The top 5 contributors are displayed for airports and airlines with the remainder grouped as "Other".

Cargo Tonnage

5 Year Trend



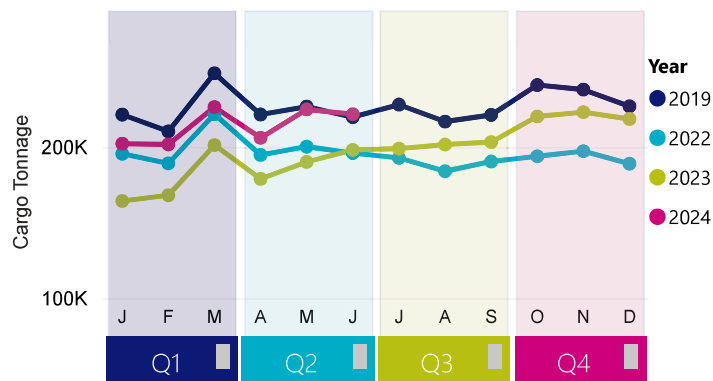
Quarterly



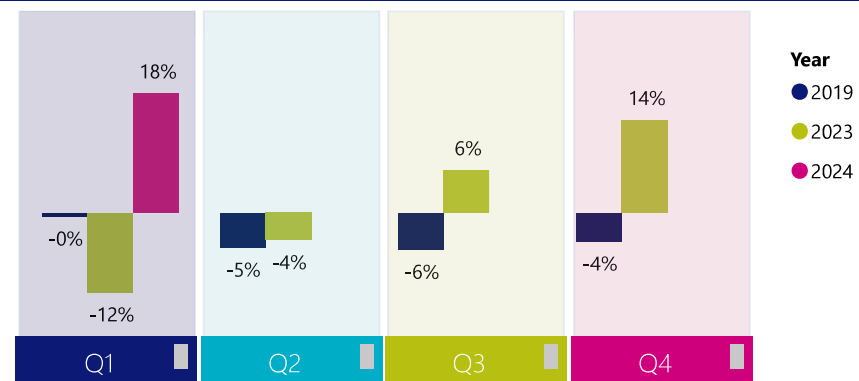
Rolling 12-month total



Monthly



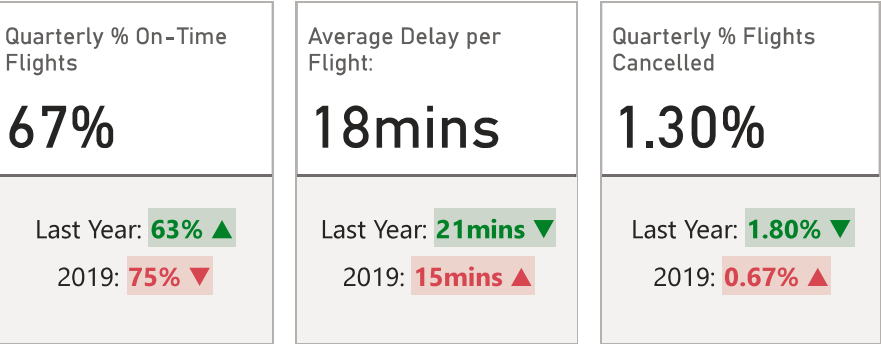
Year-on-year % Variance



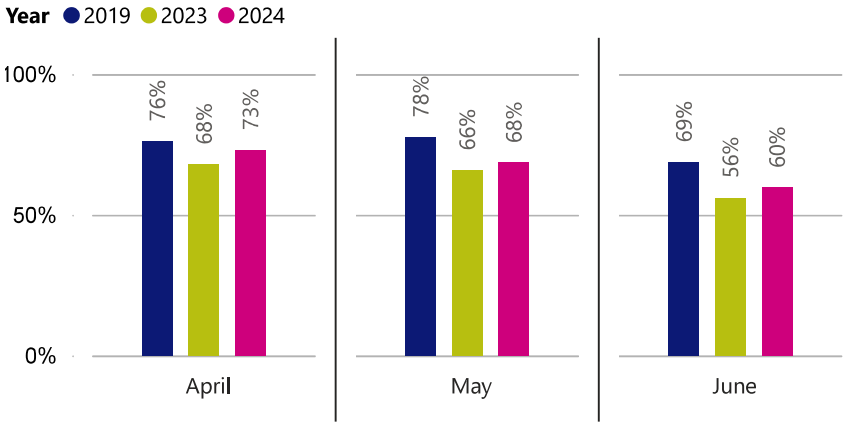
Punctuality Trends - Q2 2024

vs Last Year & 2019

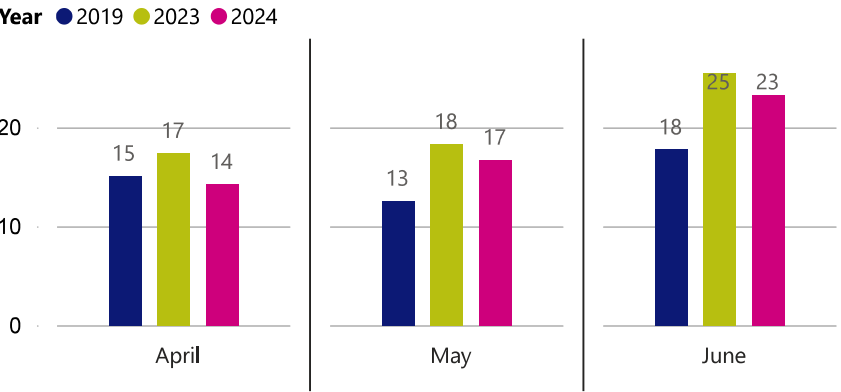
Quarterly Results



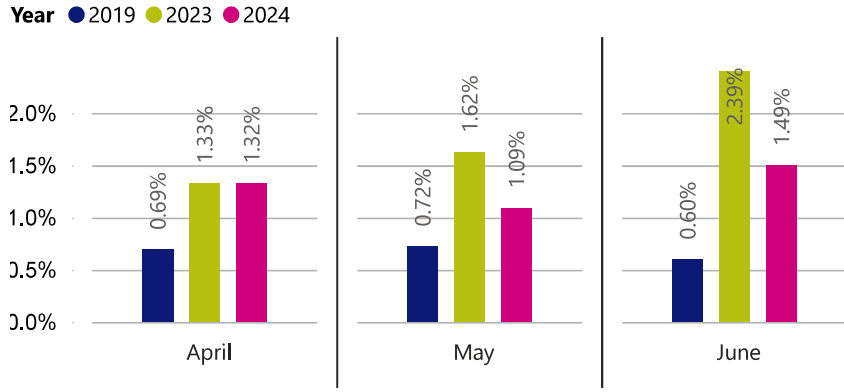
% On-Time Flights (within 15mins of schedule)



Average Delay per Flight (mins)

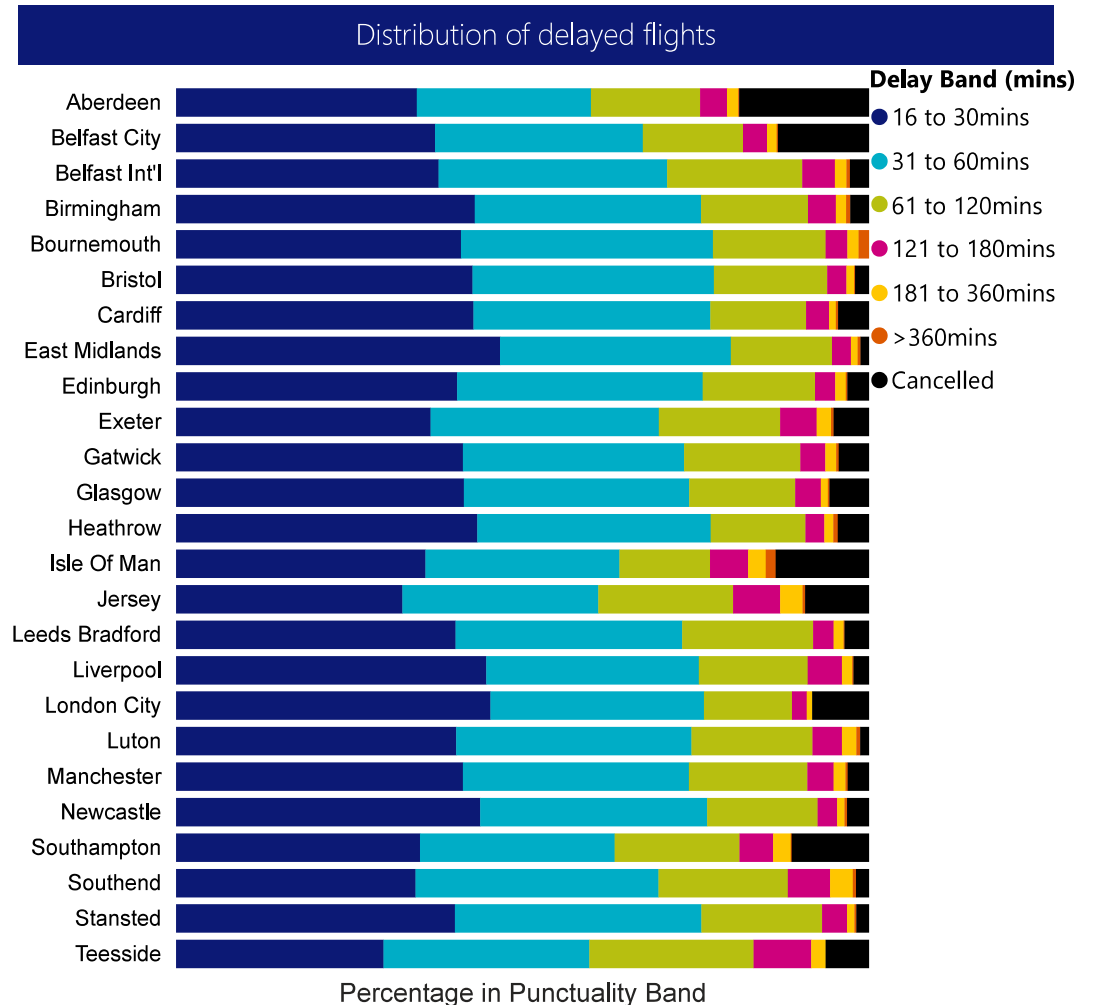
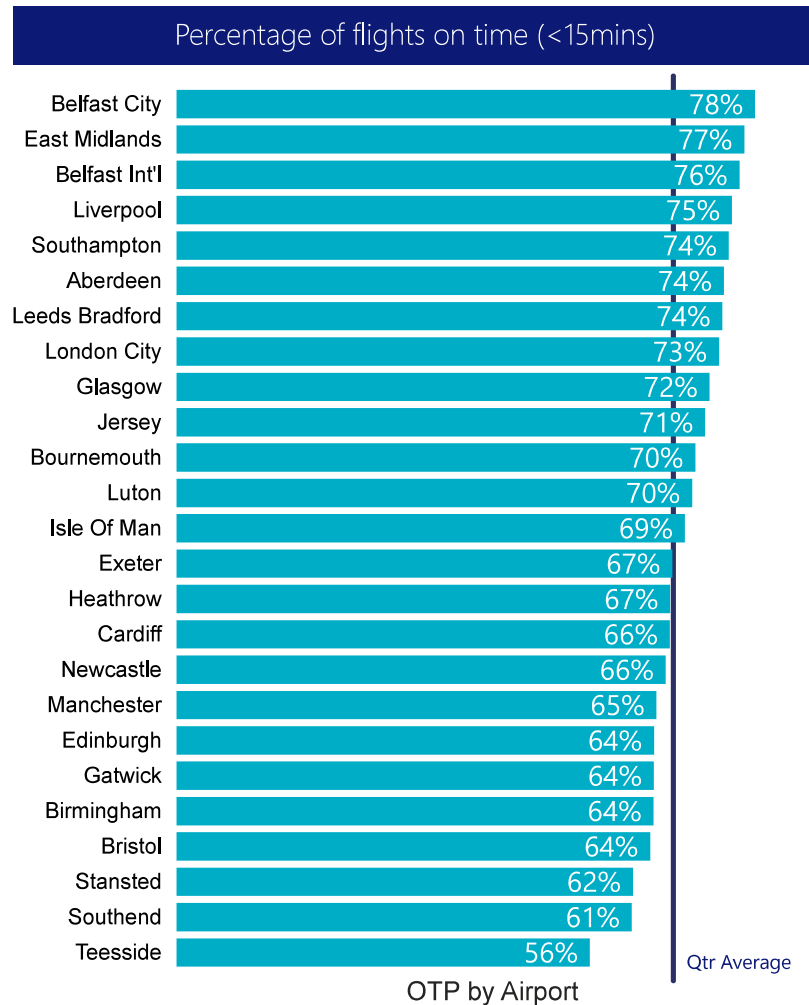


% Flights Cancelled (inside 24hr before departure)



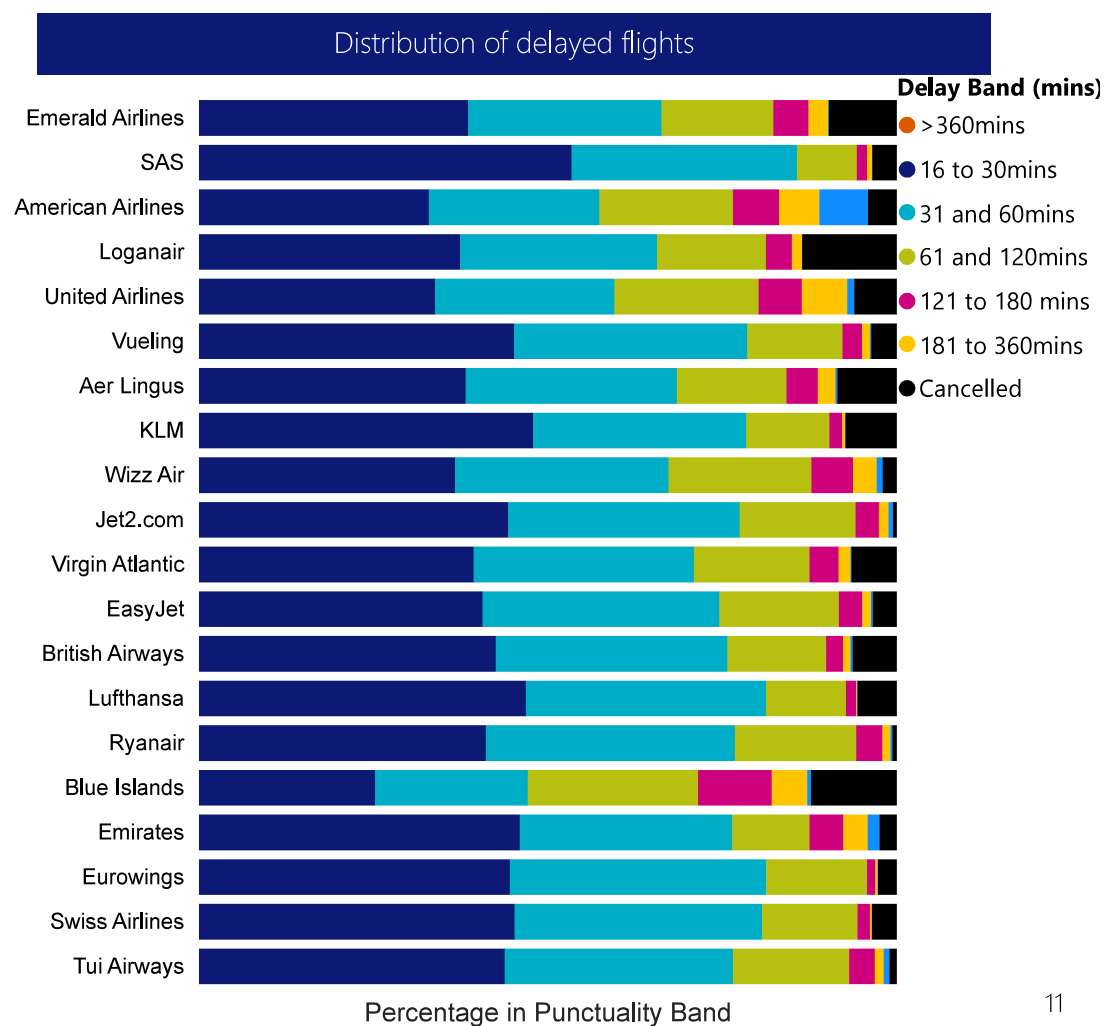
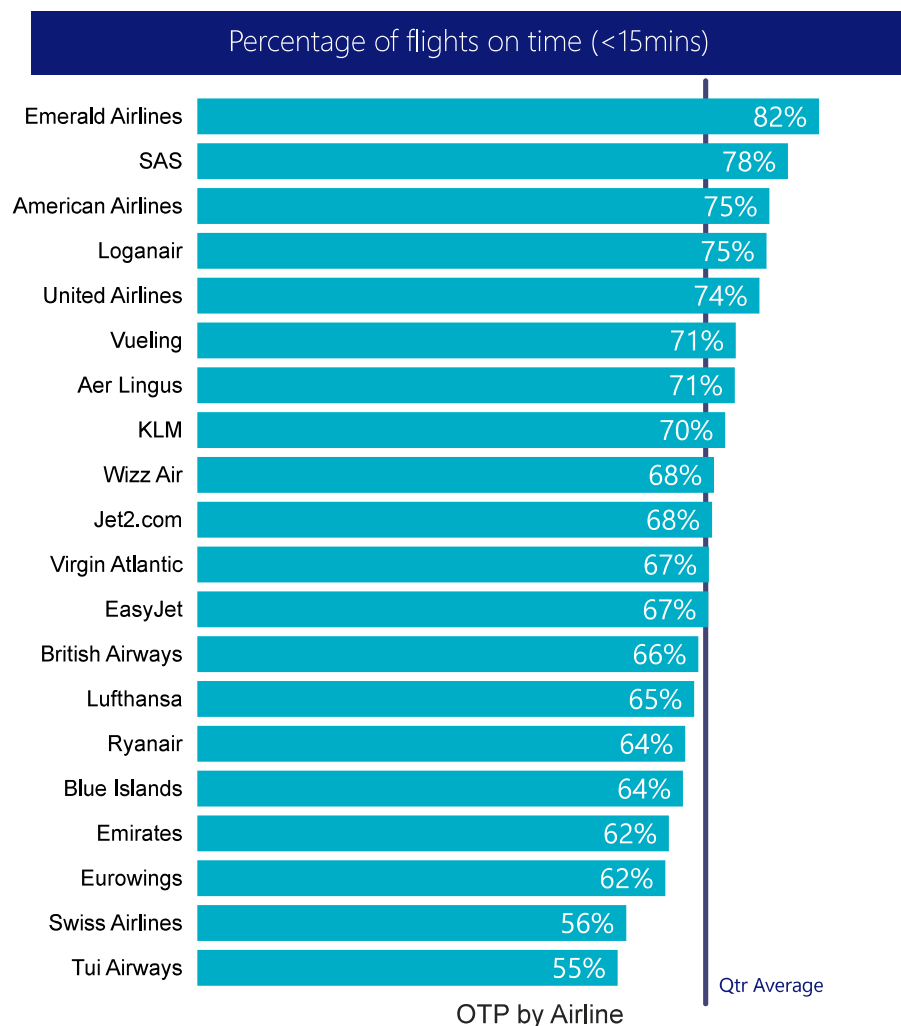
Flight Punctuality - Q2 2024 (UK Arrivals & Departures)

CAA (UK) reporting airports



Flight Punctuality - Q2 2024 (UK Arrivals & Departures)

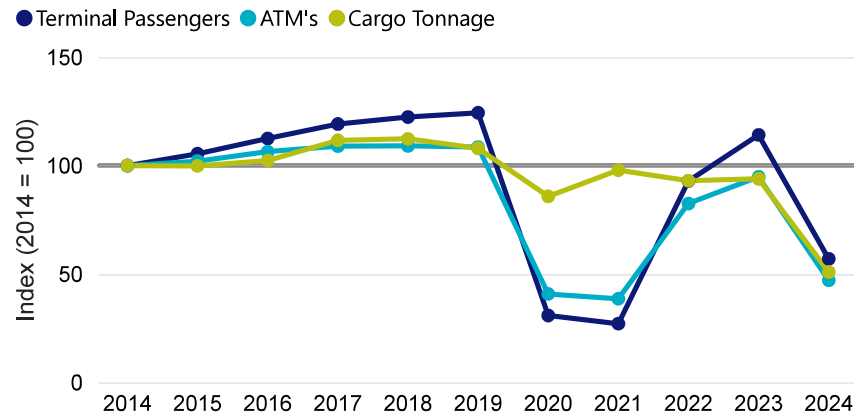
Top 20 largest airlines by ATM's



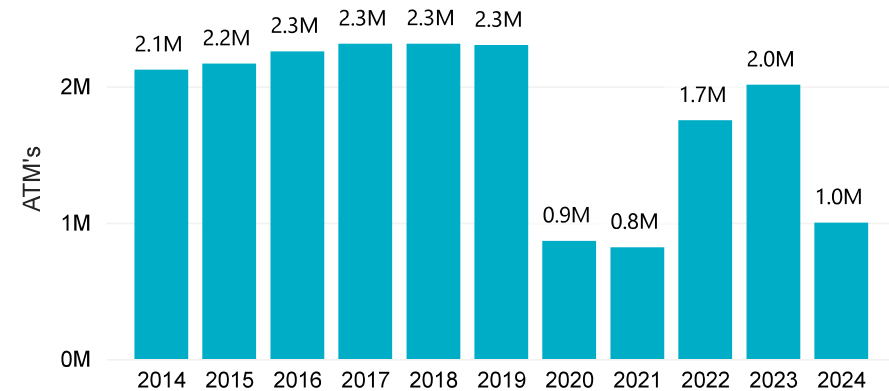
10 year trends

Terminal Passengers, Air Transport Movements (ATM) and Cargo Tonnage (NB: 2024 values are year-to-date and will update throughout the year)

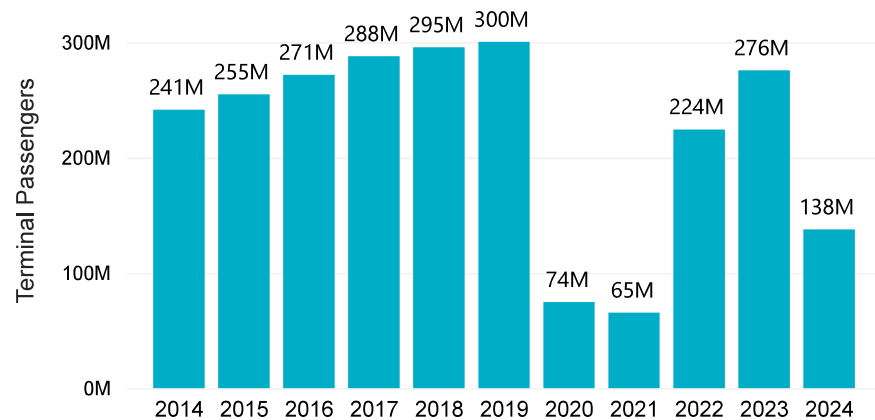
Indexed passenger, ATM and cargo growth (2014 = 100)



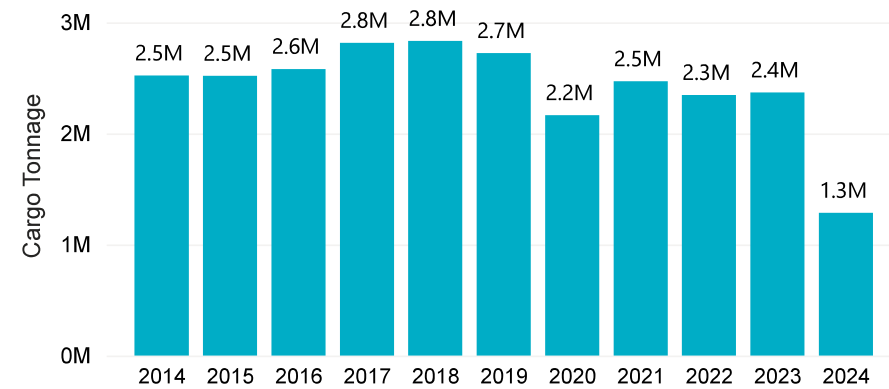
ATM's (millions)



Terminal passengers (millions)



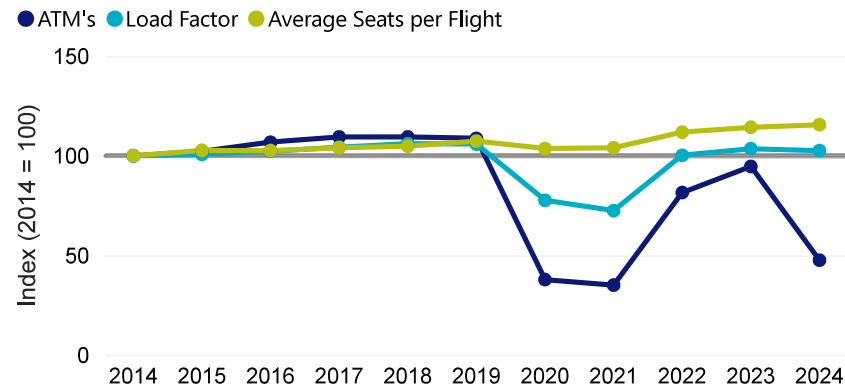
Cargo tonnage (millions)



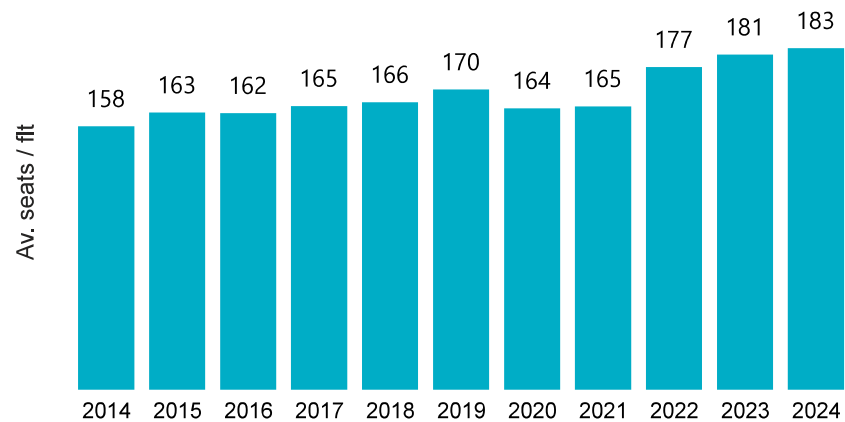
10 Year trends

Load Factor & Average Seats per Flight (NB: 2024 values are year-to-date and will update throughout the year)

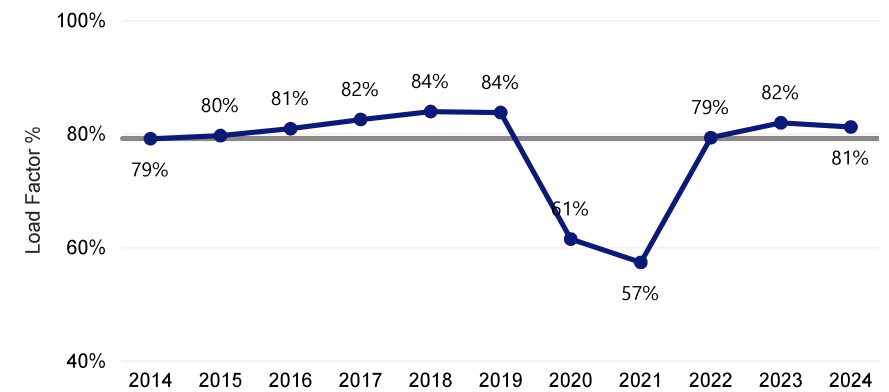
Indexed ATM, load factor and average seats per flight (2014 = 100)



Average seats per flight



Average load factor (%)

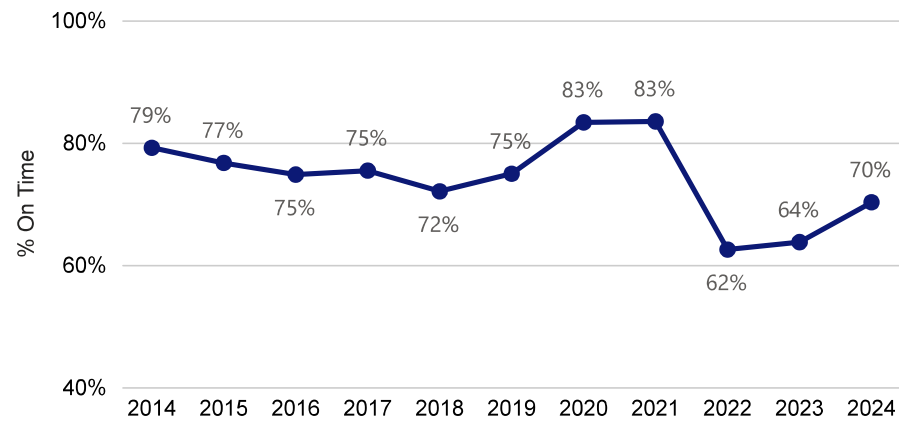


NB: Load Factor (%) represents the proportion of seats on a flight used on a flight i.e. Terminal Passengers / Total Seats.

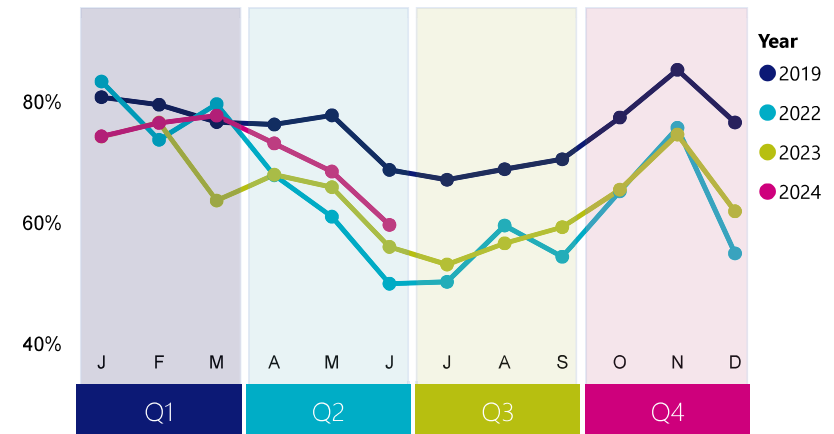
10 Year trends

Punctuality (NB: 2024 values are year-to-date and will update throughout the year)

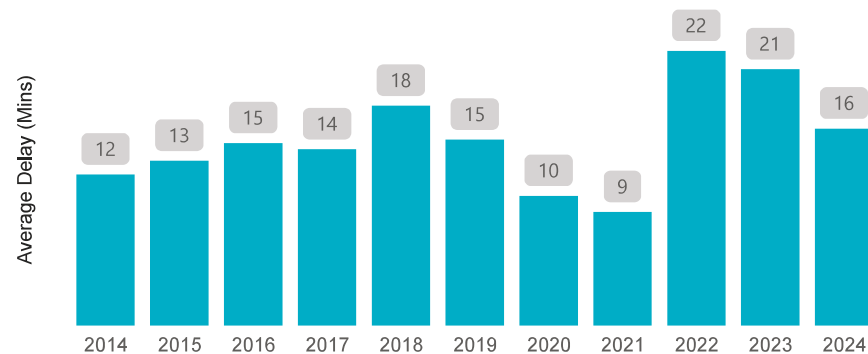
% On-time performance (OTP) <15mins



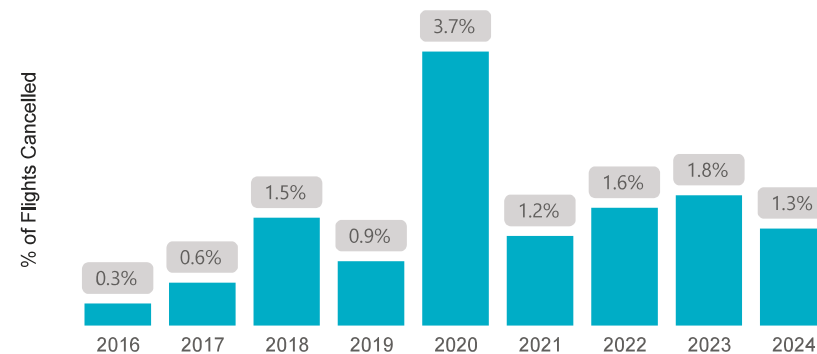
% OTP by month (last five years)



Average delay minutes per flight



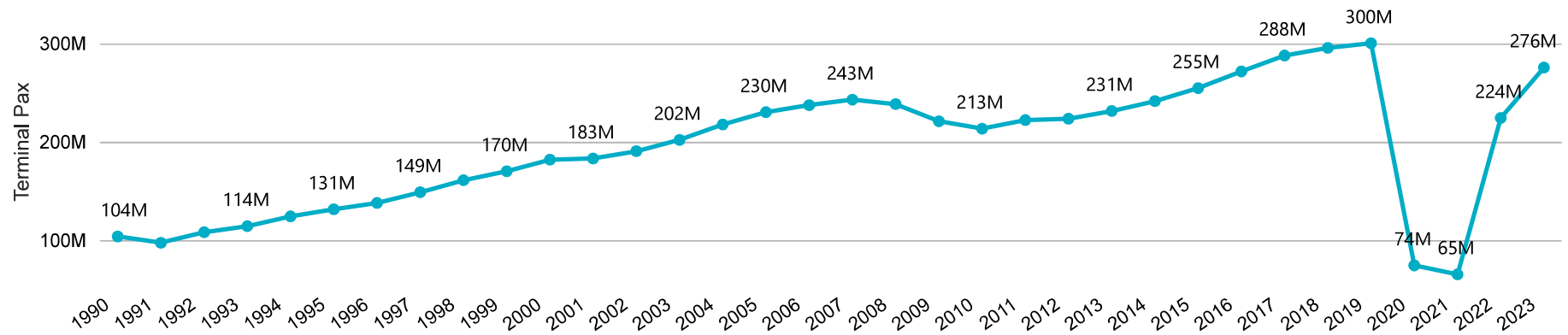
% of flights cancelled (within 24hr before departure)



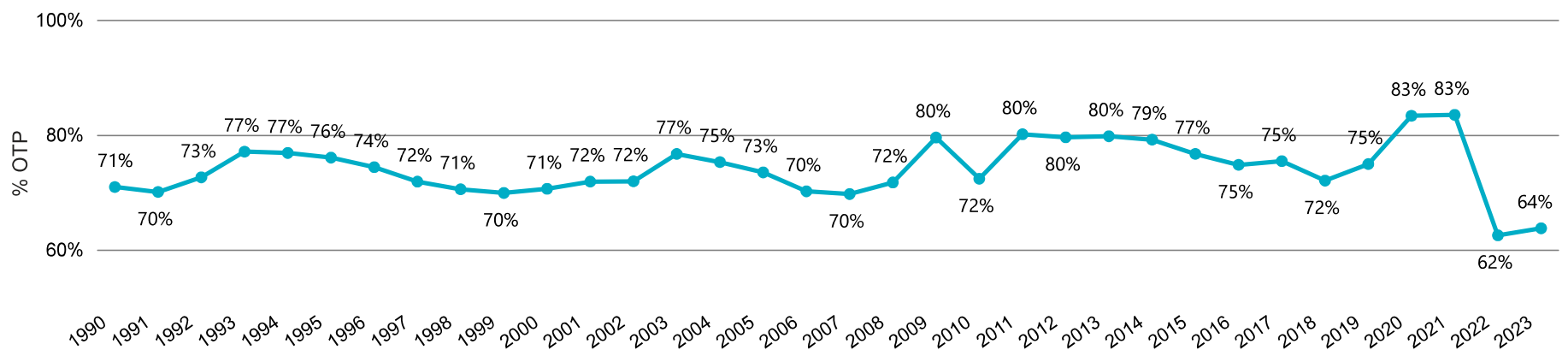
Trend since 1990 (30+ years)

Terminal Passengers and % On-Time Performance

Annual UK Terminal Passengers (1990 - 2023)



On-Time Performance (within 15mins of schedule)

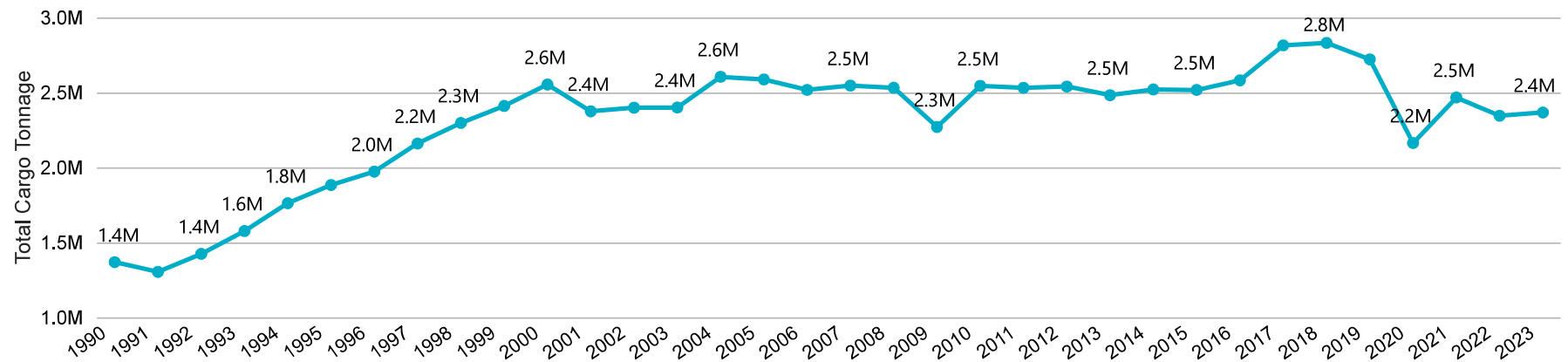


Trends since 1990 (30+ years)

Cargo Tonnage



Annual UK Cargo Tonnage (1990 - 2023)



Data Tables (Latest Quarter): *Terminal Passengers - Q2 2024*

Top 25 UK reporting airports		
Reporting Airport	Term. Passengers	% Var.
Heathrow	21,325,243	6% ▲
Gatwick	11,583,007	5% ▲
Manchester	8,167,391	9% ▲
Stansted	7,999,240	7% ▲
Luton	4,622,388	3% ▲
Edinburgh	4,337,606	12% ▲
Birmingham	3,429,881	15% ▲
Bristol	3,028,988	8% ▲
Glasgow	2,263,645	9% ▲
Belfast Int'l	1,812,644	7% ▲
Liverpool	1,448,396	26% ▲
Newcastle	1,430,576	6% ▲
East Midlands	1,265,679	6% ▲
Leeds Bradford	1,214,662	7% ▲
London City	930,623	1% ▲
Belfast City	615,252	19% ▲
Aberdeen	604,320	2% ▲
Jersey	402,135	-1% ▼
Bournemouth	332,153	19% ▲
Cardiff	248,663	6% ▲
Inverness	236,945	-2% ▼
Southampton	222,998	15% ▲
Guernsey	184,473	-1% ▼
Isle Of Man	178,781	2% ▲
Prestwick	170,719	-4% ▼
Total	78,056,408	7% ▲

Top 25 Airlines		
Airline (groups)	Term. Passengers	% Var.
EasyJet	15,940,581	7% ▲
Ryanair	15,057,979	8% ▲
British Airways	13,330,595	6% ▲
Jet2.com	5,834,275	13% ▲
Tui Airways	3,427,103	4% ▲
Wizz Air	2,917,902	-3% ▼
Virgin Atlantic	1,477,134	8% ▲
Emirates	1,302,408	5% ▲
KLM	1,158,067	10% ▲
Aer Lingus	1,152,123	2% ▲
American Airlines	1,054,596	-3% ▼
Lufthansa	956,987	7% ▲
Vueling	946,890	13% ▲
Qatar Airways	789,387	28% ▲
United Airlines	717,971	-8% ▼
Loganair	717,120	-10% ▼
Turkish Airlines	558,132	-2% ▼
Air Canada	467,059	1% ▲
Norwegian	466,420	-10% ▼
SAS	462,202	8% ▲
Delta Airlines	460,427	-4% ▼
Sunexpress	404,976	101% ▲
Eurowings	394,654	15% ▲
Swiss Airlines	388,115	-3% ▼
Air France	347,496	-5% ▼
Total	70,730,599	6% ▲

Top 25 international destinations		
OD Airport Name	Term. Passengers	% Var.
Dublin	2,484,903	2% ▲
Amsterdam	2,206,241	6% ▲
Palma De Mallorca	2,028,926	6% ▲
Alicante	1,753,659	11% ▲
Malaga	1,676,114	4% ▲
Faro	1,437,306	1% ▲
Dubai	1,396,616	3% ▲
Barcelona	1,354,014	12% ▲
Tenerife (Surreina Sofia)	1,342,712	10% ▲
New York (Jf Kennedy)	1,151,924	6% ▲
Antalya	1,142,299	23% ▲
Paris (Charles De Gaulle)	1,077,511	13% ▲
Dalaman	874,223	12% ▲
Doha Hamad	858,228	29% ▲
Lisbon	858,063	7% ▲
Madrid	855,754	7% ▲
Arrecife	802,752	8% ▲
Frankfurt Main	747,153	2% ▲
Istanbul	743,740	17% ▲
Copenhagen	724,339	10% ▲
Ibiza	642,723	-0% ▼
Berlin Brandenburg	621,868	19% ▲
Geneva	620,724	4% ▲
Nice	598,263	3% ▲
Rome (Fiumicino)	592,964	13% ▲

Data Tables (Latest Quarter): *ATM's* - Q2 2024



Top 25 UK Reporting Airports			
Reporting Airport	ATM's	% Var.	
Heathrow	122,058	4%	▲
Gatwick	71,358	4%	▲
Manchester	50,703	10%	▲
Stansted	50,350	7%	▲
Edinburgh	32,094	8%	▲
Luton	27,804	3%	▲
Birmingham	23,626	12%	▲
Bristol	19,895	3%	▲
Glasgow	18,347	5%	▲
Aberdeen	15,996	6%	▲
Belfast Int'l	14,184	6%	▲
London City	12,670	-4%	▼
East Midlands	12,583	-7%	▼
Newcastle	10,247	2%	▲
Liverpool	9,898	15%	▲
Leeds Bradford	8,765	10%	▲
Belfast City	7,859	8%	▲
Jersey	4,884	-1%	▼
Guernsey	4,815	12%	▲
Southampton	4,505	-1%	▼
Sumburgh	3,458	16%	▲
Norwich	3,443	-13%	▼
Inverness	3,031	-9%	▼
Isle Of Man	2,621	-10%	▼
Kirkwall	2,561	-4%	▼
Total	537,755	5%	▲

Top 25 international destinations			
OD Airport Name	ATM's	% Var.	
Dublin	20,688	-1%	▼
Amsterdam	19,860	5%	▲
Palma De Mallorca	12,330	7%	▲
Alicante	10,122	11%	▲
Malaga	9,899	3%	▲
Paris (Charles De Gaulle)	9,644	15%	▲
Faro	8,753	3%	▲
Barcelona	8,626	15%	▲
Tenerife (Surreina Sofia)	7,419	11%	▲
Frankfurt Main	6,690	-0%	▼
Antalya	6,520	19%	▲
New York (Jf Kennedy)	5,605	8%	▲
Lisbon	5,307	3%	▲
Copenhagen	5,303	10%	▲
Dalaman	5,136	10%	▲
Madrid	4,951	1%	▲
Geneva	4,730	-3%	▼
Arrecife	4,653	12%	▲
Nice	4,323	1%	▲
Berlin Brandenburg	4,313	23%	▲
Istanbul	4,286	11%	▲
Ibiza	4,184	-3%	▼
Rome (Fiumicino)	3,965	16%	▲
Dubai	3,945	7%	▲
Doha Hamad	3,223	31%	▲

ATM's by operation type			
Op. Type	ATM's	% Var.	
Scheduled	523,540	5%	▲
Charter	33,162	3%	▲

ATM's by market			
Market	ATM's	% Var.	
W. Europe	324,386	5%	▲
Domestic	120,954	1%	▲
RoW	40,983	14%	▲
E. Europe	37,519	7%	▲
N. America	32,859	4%	▲

Data Tables (Latest Quarter): *Cargo Tonnage - Q2 2024*



Cargo Tonnage by UK reporting airport		
Reporting Airport	▼ Cargo Tonnage	% Var.
Heathrow	371,063	11% ▲
East Midlands	86,472	-4% ▼
Stansted	78,108	18% ▲
Gatwick	27,098	55% ▲
Birmingham	24,083	367% ▲
Manchester	22,061	23% ▲
Belfast Int'l	9,823	10% ▲
Edinburgh	8,802	6% ▲
Luton	8,015	31% ▲
Bournemouth	5,230	216% ▲
Prestwick	2,597	-9% ▼
Aberdeen	2,174	492% ▲
Glasgow	1,850	13% ▲
Newcastle	1,604	85% ▲
Inverness	1,030	-6% ▼
Exeter	735	-0% ▼
Guernsey	638	7% ▲
Sumburgh	290	4% ▲
Stornoway	252	-4% ▼
Kirkwall	241	-7% ▼
Benbecula	141	5% ▲
Jersey	135	-75% ▼
Islay	95	-4% ▼
Teesside	65	4180% ▲
Alderney	24	-2% ▼
Total	652,625	15%

Top 25 international destinations		
OD Airport Name	▼ Cargo Tonnage	% Var.
New York (Jf Kennedy)	34,611	22% ▲
Dubai	32,919	11% ▲
Leipzig	31,146	27% ▲
Doha Hamad	29,042	4% ▲
Los Angeles International	21,858	21% ▲
Shanghai (Pu Dong)	15,200	73% ▲
Chicago (O'Hare)	15,094	-5% ▼
Istanbul	14,290	10% ▲
Hong Kong (Chek Lap Kok)	13,665	25% ▲
Cologne Bonn	13,582	-15% ▼
Bahrain	12,755	39% ▲
Baku (Heyder Aliyev Int'L)	12,550	533% ▲
Guangzhou Baiyun International	11,548	-5% ▼
Singapore	11,029	14% ▲
Abu Dhabi International	10,692	-2% ▼
Mumbai	10,471	21% ▲
Cincinnati	10,366	38% ▲
Paris (Charles De Gaulle)	10,222	-5% ▼
Toronto	10,070	17% ▲
Miami International	10,026	29% ▲
Beijing	9,090	85% ▲
Delhi	9,083	10% ▲
Brussels	8,885	15% ▲
Memphis	8,400	5% ▲
Tokyo (Haneda)	8,138	10% ▲

Cargo Tonnage by operation type		
Op. Type	▼ Cargo Tonnage	% Var.
Scheduled	620,053	15% ▲
Charter	32,632	23% ▲

Cargo Tonnage by market		
Market	▼ Cargo Tonnage	% Var.
RoW	307,958	24% ▲
N. America	192,521	16% ▲
W. Europe	117,378	3% ▲
Domestic	33,518	-10% ▼
E. Europe	1,310	-1% ▼