

PUNCTUALITY LEAGUE 2023



ON-TIME PERFORMANCE FOR THE WORLD'S LARGEST AIRLINES AND AIRPORTS

Analyzing the full year of flight data from 2022 (1 Jan – 31 Dec 2022)
discover the world's most on-time airlines and airports.

The Punctuality League reveals on-time performance rankings for airlines, including the Top 20 airlines worldwide, the Top 20 Mega airlines, the Top 20 low-cost airlines, and the Top 10 airlines by region. On-time performance for airports includes rankings for the Top 20 airports worldwide, the Top 20 Mega airports, and the Top 10 airports by region.

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QUALIFYING CRITERIA

To qualify for inclusion in OAG's Punctuality League, OAG must have flight status data for at least 80% of all scheduled flights operated by the airline or airport.

- OAG's definition of on-time performance (OTP) is flights that arrive or depart within 15 minutes of their scheduled arrival or departure times.
- Cancellations are included within the OTP calculations and are counted as late flights.

Airlines

- Airlines ranked in the 250 largest global airlines - by annual Available Seat Kilometres (ASKs) - are analyzed for inclusion in the report.
- Airline OTP calculations are based on operating carrier code and are restricted to scheduled passenger flights only.
- Airline OTP is calculated based on arrivals data only.
- Flights where OAG do not have the required arrival time or confirmation that the flight was diverted or cancelled are not included in the OTP calculations for airlines.
- All scheduled flights operated by affiliate carriers on behalf of another carrier are included in the analysis.

Airports

- Airports must have a minimum of 2.5m departing seats to be included in the report.
- Airport OTP calculations are restricted to scheduled passenger flights only.
- Airport OTP is calculated based on both departures and arrivals data.
- Flights where OAG do not have the required departure and arrival time or confirmation that the flight was diverted or cancelled are not included in the OTP calculations for airports.

CATEGORY DEFINITIONS

Airlines

- **Mega airlines**

The world's Top 20 operators globally in terms of scheduled flights in 2022.

- **Low-cost carriers (LCCs)**

LCCs must have ranked among the Top 250 operators globally (in terms of Available Seat Kilometres (ASKs)) and operated at least 30,000 scheduled flights in 2022. The OAG LCC list is regularly refreshed and is determined by our industry knowledge, supplemented by carrier feedback and consultation with industry partners.

- **Airlines based in regions**

There are five regional categories which rank the best airlines (mainline and LCC) operating in groupings of IATA defined global regions. In each category airlines must have operated a minimum of 18,000 scheduled flights in 2022 to qualify for inclusion.

- **Asia Pacific**

- **Europe**

- **Middle East and Africa**

- **Latin America**

- **North America**

Airports

- **Mega airports**

The world's Top 20 airports globally in terms of scheduled flights in 2022.

- **Airports based in regions**

There are five regional categories which rank the best airports, operating in groupings of IATA defined global regions:

- **Asia Pacific**

- **Europe**

- **Middle East and Africa**

- **Latin America**

- **North America**

ALL AIRLINES

Garuda Indonesia (GA) is the most punctual global airline with an OTP of 95.6%. However, in 2022 they only operated 25% of the flights they had in 2019.

There are seven Asian-based carriers in the Top 20, and six based in Latin America. The ASPAC carriers are operating on average at just under 70% of their 2019 frequency, and the Latin American carriers at 92%.

The only United States carrier in the Top 20 is **Delta Air Lines (DL)** in 17th position, the next highest US airlines (including their positions) are:

- **Alaska Airlines (AS)** 28th
- **United Airlines (UA)** 29th
- **American Airlines (AA)** 37th
- **Hawaiian Airlines (HA)** 42nd

There are no major European carriers in the Top 20, perhaps not a surprise due to airport disruption in the summer of 2022.

Only ten of the Top 20 carriers from 2019 appear in the 2022 Top 20.

Eurowings (EW) recorded the highest number of cancellations of the Top 20, with an average rate of 3.49% of flights being cancelled in 2022.

Japan's major carriers perform well, with **All Nippon Airways (NH)** taking sixth spot and **Japan Airlines (JL)** in seventh place

The average OTP for this group is 86.7%

The average cancellation rate for this group is 0.89%.

TOP 20 AIRLINES BY OTP

Rank	Coverage	Airline Name	Code	OTP 2022	Cancellation Rate % 2022	OTP 2019	Rank in 2019
1	81.2%	Garuda Indonesia	GA	95.63%	0.61%	95.01%	2
2	84.6%	Safair	FA	95.30%	0.02%	-	-
3	96.6%	Eurowings	EW	95.26%	3.49%	80.20%	29
4	85.0%	Thai AirAsia	FD	92.33%	0.00%	84.49%	11
5	90.4%	Jeju Airlines	7C	91.84%	0.33%	71.80%	86
6	89.6%	All Nippon Airways	NH	88.79%	1.36%	85.92%	8
7	99.8%	Japan Airlines	JL	88.07%	1.51%	83.44%	16
8	98.1%	Copa Airlines	CM	87.54%	0.45%	92.01%	3
9	89.0%	Iberia	IB	86.54%	0.03%	84.06%	12
10	92.8%	LATAM Airlines Group	LA	85.03%	1.38%	86.41%	6
11	96.4%	Azul Airlines	AD	84.87%	2.73%	80.40%	27
12	98.0%	Sky Airline	H2	84.82%	1.25%	83.42%	17
13	99.6%	Air Europa	UX	84.44%	0.23%	79.30%	38
14	85.7%	Avianca	AV	83.79%	1.23%	76.63%	61
15	98.3%	IndiGo	6E	83.51%	0.61%	77.38%	54
16	93.9%	Thai Smile Airways	WE	81.87%	0.01%	-	-
17	100.0%	Delta Air Lines	DL	81.79%	1.94%	83.56%	15
18	91.6%	Viva Air Colombia	VH	81.63%	0.06%	-	-
19	99.6%	Etihad Airways	EY	81.14%	0.55%	83.40%	18
20	99.6%	Emirates	EK	81.13%	0.02%	79.47%	34

Source: OAG

MEGA AIRLINES

Japan's biggest airlines see a return to the top of the table as the most punctual Mega airlines (defined as Top 20 largest airlines in the world by frequency); **All Nippon Airways (NH)** is in first place with an OTP of 88.79% and **Japan Airlines (JL)** is in second place with an OTP of 88.07%.

They are closely followed by two of the largest South American carriers, the **LATAM Airlines Group (LA)** and **Azul Airlines (AD)** who both have seen OTP of 85.03% and 84.87% respectively in 2022.

Scandinavian Airlines (SAS) and **Air China (CCA)** drop below the Top 20, replaced by **Azul Airlines (AD)** and **Spirit Airlines (NK)**.

Indigo (6E) has moved up the rankings, from tenth in 2019 to fifth in 2022. India's biggest carrier has seen frequency increase over this period, now operating 8% more flights than in 2019.

Seven US carriers make it into the mega airlines category - by virtue of the US domestic market being almost back at 2019 levels - with **Delta Air Lines (DL)** the highest of the US carriers in sixth position globally in this group.

The US carrier OTP ranges from **Delta Air Lines (DL)** with 81.79% to **JetBlue Airways Corporation (B6)** with 63.90%, reflecting the challenging operating environment across airports this summer.

Average OTP for this group is down to 73.36% compared to 77.85% in 2019.

The average cancellation rate for this group is 4.24%, but this rate falls to 2.34% if we exclude China Eastern who have had an exceptionally high rate with ongoing lockdowns in Shanghai.

TOP 20 MEGA AIRLINES BY OTP

Rank	Coverage	Airline Name	Code	OTP 2022	Cancellation Rate % 2022	OTP 2019	Rank in 2019
1	89.6%	All Nippon Airways	NH	88.79%	1.36%	85.92%	3
2	99.8%	Japan Airlines	JL	88.07%	1.51%	83.44%	5
3	92.8%	LATAM Airlines Group	LA	85.03%	1.38%	86.41%	1
4	96.4%	Azul Airlines	AD	84.87%	2.73%	-	-
5	98.3%	IndiGo	6E	83.51%	0.61%	77.38%	10
6	100.0%	Delta Air Lines	DL	81.79%	1.94%	83.56%	4
7	99.7%	Alaska Airlines	AS	79.13%	2.08%	81.49%	6
8	99.9%	United Airlines	UA	79.10%	2.57%	76.28%	13
9	99.9%	American Airlines	AA	77.38%	2.67%	77.90%	9
10	99.7%	Spirit Airlines	NK	73.18%	2.84%	-	-
11	99.6%	KLM-Royal Dutch Airlines	KL	73.06%	3.58%	-	-
12	99.8%	Air France	AF	72.10%	1.18%	79.92%	7
13	99.9%	Southwest Airlines	WN	71.61%	3.17%	79.40%	8
14	99.7%	Easyjet	U2	67.52%	1.65%	73.08%	17
15	99.8%	Deutsche Lufthansa AG	LH	66.26%	2.49%	73.96%	15
16	99.1%	Turkish Airlines	TK	64.08%	1.82%	76.72%	12
17	95.9%	British Airways	BA	64.07%	2.79%	76.18%	14
18	98.7%	JetBlue Airways Corporation	B6	63.90%	3.32%	73.81%	16
19	99.6%	China Eastern Airlines	MU	52.04%	40.28%	72.86%	18
20	99.9%	Air Canada	AC	51.76%	4.87%	66.42%	20

Source: OAG

LCC AIRLINES

Only half of the Top 20 carriers from 2019 make it into the Top 20 in 2022.

Eurowings (EW) is the most punctual LCC in 2022, with 95.26% of flights on-time.

Thai AirAsia (FD) is the next highest, with an OTP of 92.33%.

Jeju Airlines (7C) - a South Korean based LCC - is in third place; a considerable improvement on 2019 where they were in 31st place.

Five of the carriers in the Top 20 LCCs are based in the Asia Pacific region.

There are three US LCCs in the Top 20, with **Spirit Airlines (NK)** ranking highest of those in 13th place with 73.18% of flights on-time.

easyJet (U2) is the only one of the major European LCCs to qualify for the Top 20 with an OTP of 67.52%

Average OTP for this group is 78.04% and the average cancellation rate is 1.30%.

In OAG Schedules data Norwegian operates under two airline codes – D8 and DY – OTP results for both codes have been combined to show the carrier as one entity.

TOP 20 LOW-COST CARRIERS BY OTP

Rank	Coverage	Airline Name	Code	OTP 2022	Cancellation Rate % 2022	OTP 2019	Rank in 2019
1	96.6%	Eurowings	EW	95.26%	3.49%	80.20%	10
2	85.0%	Thai AirAsia	FD	92.33%	0.00%	84.49%	3
3	90.4%	Jeju Airlines	7C	91.84%	0.33%	71.80%	31
4	96.4%	Azul Airlines	AD	84.87%	2.73%	80.40%	9
5	98.0%	Sky Airline	H2	84.82%	1.25%	83.42%	4
6	98.3%	IndiGo	6E	83.51%	0.61%	77.38%	19
7	91.6%	Viva Air Colombia	VH	81.63%	0.06%	-	-
8	97.1%	Peach Aviation Limited	MM	79.19%	0.81%	71.85%	30
9	94.1%	Norwegian Air Shuttle	DY/D8	79.12%	0.60%	75.61%	22
10	91.7%	Jin Air	LJ	78.91%	1.53%	-	-
11	85.9%	Pegasus Airlines	PC	75.07%	0.13%	79.74%	11
12	88.1%	Volaris	Y4	75.05%	1.85%	75.61%	23
13	99.7%	Spirit Airlines	NK	73.18%	2.84%	79.42%	13
14	99.9%	Southwest Airlines	WN	71.61%	3.17%	79.40%	14
15	91.4%	FLYNAS	XY	68.25%	1.65%	72.44%	29
16	99.7%	Easyjet	U2	67.52%	1.65%	73.08%	28
17	98.5%	Jet2.com	LS	67.36%	0.06%	82.69%	5
18	99.6%	Frontier Airlines Inc.	F9	66.18%	2.63%	73.32%	26
19	90.0%	Transavia.com	HV	65.97%	0.02%	78.66%	17
20	94.8%	Virgin Australia International	VA	64.54%	4.22%	-	-

Source: OAG

AIRLINES BY REGION

DELTA

On-time performance

81.79%

**COPA
AIRLINES**

On-time performance

87.54%

EUROWINGS

On-time performance

95.26%

SAFAIR

On-time performance

95.30%

**GARUDA
INDONESIA**

On-time performance

95.63%



ASIA PACIFIC AIRLINES BY OTP

Rank	Coverage	Airline Name	Code	OTP 2022	Cancellation Rate % 2022	OTP 2019	Rank in 2019
1	81.2%	Garuda Indonesia	GA	95.63%	0.61%	95.01%	1
2	85.0%	Thai AirAsia	FD	92.33%	0.00%	84.49%	9
3	90.4%	Jeju Airlines	7C	91.84%	0.33%	71.80%	33
4	99.3%	Solaseed	6J	90.49%	4.39%	87.44%	4
5	99.9%	Japan Transocean Air	NU	90.21%	4.24%	78.83%	18
6	90.9%	Jetstar Japan	GK	89.48%	1.30%	70.59%	35
7	89.6%	All Nippon Airways	NH	88.79%	1.36%	85.92%	5
8	99.8%	Japan Airlines	JL	88.07%	1.51%	83.44%	10
9	95.2%	Thai Lion Air	SL	86.75%	0.64%	-	42
10	97.9%	AirDo	HD	85.65%	3.55%	88.35%	3

Source: OAG

This year sees some changes in the Top 10 Asia Pacific carriers:

- Only six of those in 2019's Top 10 make it into 2022's Top 10.
- New entrants include **Jeju Airlines (7C)**, **Japan Transocean Air (NU)**, **Jetstar Japan (GK)** and **Thai Lion Air (SL)**.

The average OTP for these carriers is 86.0%, compared to 87.02% in 2019, and for some carriers frequency is still considerably below 2019 levels.

Six of the carriers are based in Japan and two in Thailand.

The average cancellation rate is above the global average, at 1.79% in Asia Pacific.

EUROPE AIRLINES BY OTP

Rank	Coverage	Airline Name	Code	OTP 2022	Cancellation Rate % 2022	OTP 2019	Rank in 2019
1	96.6%	Eurowings	EW	95.26%	3.62%	80.20%	9
2	89.0%	Iberia	IB	86.54%	0.03%	84.06%	3
3	99.6%	Air Europa	UX	84.44%	0.21%	79.30%	13
4	99.8%	Austrian Airlines AG dba Austrian	OS	81.05%	0.58%	78.31%	18
5	99.7%	ITA Airways	AZ	79.59%	1.09%	81.58%	7
6	94.1%	Norwegian Air Shuttle	DY/D8	79.12%	0.60%	75.61%	22
7	98.3%	Finnair	AY	77.36%	0.51%	77.42%	19
8	85.9%	Pegasus Airlines	PC	75.07%	0.75%	79.74%	11
9	99.9%	LOT - Polish Airlines	LO	74.75%	0.13%	73.59%	28
10	99.6%	KLM-Royal Dutch Airlines	KL	73.06%	0.54%	78.57%	16

Source: OAG

Eurowings (EW) is the most punctual European airline with 95.26% of flights on-time.

Only three of the carriers in the Top 10 were in the rankings in 2019; **Iberia (IB)**, **ITA Airways (AZ)** and **Eurowings (EW)**

Air Europa (UX), **Norwegian Air Shuttle (DY/D8)**, **Austrian Airlines (OS)**, **Finnair (AY)**, **Pegasus Airlines (PC)**, **LOT – Polish Airlines (LO)** and **KLM – Royal Dutch Airlines (KL)** all join the Top 10 this year

Average OTP for this group of carriers is 80.62% (down from an average of 83.0% in 2019) and the average cancellation rate is 1.06%, **Eurowings (EW)** has the highest cancellation rate at 3.62%

In OAG Schedules data Norwegian operates under two airline codes – D8 and DY – OTP results for both codes have been combined to show the carrier as one entity.

LATIN AMERICA AIRLINES BY OTP

Rank	Coverage	Airline Name	Code	OTP 2022	Cancellation Rate % 2022	OTP 2019	Rank in 2019
1	98.1%	Copa Airlines	CM	87.54%	0.45%	92.01%	1
2	92.8%	LATAM Airlines Group	LA	85.03%	1.38%	86.41%	2
3	96.4%	Azul Airlines	AD	84.87%	2.73%	80.40%	4
4	98.0%	Sky Airline	H2	84.82%	1.25%	83.42%	3
5	85.7%	Avianca	AV	83.79%	1.23%	76.63%	8
6	91.6%	Viva Air Colombia	VH	81.63%	0.06%	-	-
7	88.1%	Volaris	Y4	75.05%	1.85%	75.61%	9
8	98.5%	Aeromexico	AM	73.87%	1.13%	78.95%	6
9	94.9%	Caribbean Airlines	BW	85.71%	1.04%	74.95%	10
10	97.8%	JetSMART	JA	69.98%	0.11%	-	-

Source: OAG

Copa Airlines (CM) is the most punctual airline in Latin America, with 87.54% of flights arriving on-time in 2022.

The **LATAM Airlines Group (LA)** has an OTP of 85.03% making them the second most on-time airline in Latin America.

Both **Copa Airlines (CM)** and **LATAM Airlines Group (LA)** have seen OTP fall slightly since 2019.

Azul Airlines (AD) in third place has seen a considerable improvement in their OTP - from 80.4% in 2019 to 84.87% in 2022 - despite operating more flights.

OTP for these carriers averaged 81.23% in 2022 with an average cancellation rate of 1.12% in 2022.

MIDDLE EAST & AFRICA AIRLINES BY OTP

Rank	Coverage	Airline Name	Code	OTP 2022	Cancellation Rate % 2022	OTP 2019	Rank in 2019
1	84.6%	Safair	FA	95.30%	0.02%	94.40%	1
2	99.6%	Etihad Airways	EY	81.14%	0.55%	77.78%	2
3	99.6%	Emirates	EK	81.13%	0.02%	77.55%	5
4	98.6%	Gulf Air	GF	79.92%	2.42%	79.47%	8
5	90.8%	Qatar Airways	QR	77.50%	0.34%	83.40%	3
6	92.5%	Ethiopian Airlines	ET	76.73%	0.04%	76.45%	9
7	91.4%	FLYNAS	XY	68.25%	1.65%	74.32%	10
8	99.2%	Saudi Arabian Airlines	SV	65.63%	1.72%	80.32%	13
9	95.3%	Oman Air	WY	91.28%	0.69%	80.13%	6
10	99.5%	Royal Jordanian	RJ	85.82%	0.85%	65.31%	7

Source: OAG

Average OTP across this group of carriers based in the Middle East and Africa has improved from 79.62% in 2019 to 80.27% in 2022.

Safair (FA) has the highest OTP of the carriers in this group, at 95.30%, despite operating 47% more flights in 2022 than in 2019.

The largest carrier of the group, **Emirates (EK)**, is third in the table with annual OTP of 81.13%, an improvement on their 2019 OTP of 77.55%

Average cancellation rates are the lowest in these two regions, at just 0.83%.

NORTH AMERICA AIRLINES BY OTP

Rank	Coverage	Airline Name	Code	OTP 2022	Cancellation Rate % 2022	OTP 2019	Rank in 2019
1	100.0%	Delta Air Lines	DL	81.79%	0.01%	83.56%	2
2	99.7%	Alaska Airlines	AS	79.13%	0.74%	81.49%	3
3	99.9%	United Airlines	UA	79.10%	0.92%	76.28%	9
4	99.9%	American Airlines	AA	77.38%	0.03%	77.90%	8
5	85.5%	Hawaiian Airlines	HA	75.80%	0.59%	87.40%	1
6	99.7%	Spirit Airlines	NK	73.18%	2.58%	79.42%	4
7	99.9%	Southwest Airlines	WN	71.61%	0.04%	79.40%	5
8	99.6%	Frontier Airlines Inc.	F9	66.18%	0.34%	73.32%	11
9	98.7%	JetBlue Airways Corporation	B6	63.90%	0.36%	73.81%	10
10	96.1%	Allegiant Air LLC	G4	63.22%	1.30%	78.97%	7

Source: OAG

Delta Air Lines (DL) move up to become the most punctual airline in North America this year, with an OTP of 81.79%. Delta also has a very low cancellation rate, of just 0.01%.

Both United Airlines (UA) and **American Airlines (AA)** have seen considerable moves upwards, with United climbing from ninth place in 2019 to third in 2022, and American up from eighth to fourth.

In North America, legacy airlines have higher OTP this year than LCCs.

The average cancellation rate is 0.69% in 2022, with **Spirit Airlines (NK)** having the highest rate at 2.58% of flights cancelled.

TOP 20 AIRPORTS

Japan, known for being a nation which is always on-time, dominates with ten Japanese airports included in the Top 20 most punctual global airports.

Osaka International (ITM) is the most punctual airport in the world in 2022 with 91.45% of flights arriving on time.

Matsuyama Airport (MYJ), in the Ehime Prefecture on Shikoku Island in southern Japan, is a very close second with 91.44% of flights arriving on time.

With the exception of Tokyo Narita and Osaka Kansai, most of Japan's largest airports - **Tokyo Haneda (HND)**, **Sapporo Chitose (CTS)**, **Fukuoka (FUK)** and **Okinawa Naha (OKA)** - appear in the Top 20.

Brazilian airports also feature in the most punctual airports table, with three airports located there. The most punctual of these is

Fortaleza International Airport (FOR) which is eighth most punctual and saw 88.81% of flights operate on time.

There are also two south African airports in this group, **Durban King Shaka (DUR)** in fifth place and **Cape Town (CPT)** in 16th.

Seven of the airports are new to the Punctuality League this year.

There are no North American or European Airports in the Top 20.

TOP 20 AIRPORTS BY OTP

Rank	Coverage	Airport Name	Country	Code	OTP 2022	Cancellation Rate % 2022	OTP 2019
1	94.6%	Osaka Intl (Itami)	Japan	ITM	91.45%	1.04%	88.03%
2	92.7%	Matsuyama	Japan	MYJ	91.44%	0.72%	-
3	90.3%	Miyazaki	Japan	KMI	91.34%	2.45%	-
4	97.2%	Nagoya Chubu Centrair International Apt	Japan	NGO	90.78%	1.04%	-
5	81.5%	Durban King Shaka International Apt	South Africa	DUR	89.73%	1.37%	83.59%
6	94.2%	Kagoshima	Japan	KOJ	89.05%	2.14%	83.34%
7	88.9%	Kumamoto	Japan	KMJ	88.87%	1.95%	-
8	82.0%	Pinto Martins – Fortaleza Intl Apt	Brazil	FOR	88.81%	1.06%	83.34%
9	97.3%	Panama City Tocumen International	Panama	PTY	88.65%	0.47%	92.21%
10	93.7%	Fukuoka	Japan	FUK	88.26%	3.02%	-
11	86.8%	Sapporo New Chitose Apt	Japan	CTS	88.06%	2.25%	84.06%
12	90.6%	Tokyo Intl (Haneda)	Japan	HND	88.06%	2.10%	86.60%
13	88.1%	Coimbatore	India	CJB	88.01%	0.54%	-
14	98.9%	Belo Horizonte Tancredo Neves Int Apt	Brazil	CNF	87.26%	1.66%	81.55%
15	86.6%	Alejandro Velasco Astete Intl Apt	Peru	CUZ	87.08%	3.42%	-
16	80.2%	Cape Town	South Africa	CPT	87.02%	1.02%	84.60%
17	80.5%	Mariscal Sucre Intl Apt	Ecuador	UIO	87.00%	1.88%	82.96%
18	97.0%	Okinawa Naha Apt	Japan	OKA	86.95%	2.53%	78.56%
19	84.9%	Salgado Filho Intl Apt	Brazil	POA	86.50%	1.90%	81.47%
20	95.9%	José Joaquín de Olmedo Intl Apt	Ecuador	GYE	86.47%	1.66%	83.97%

Source: OAG

MEGA AIRPORTS

Tokyo Haneda (HND) has the highest OTP of the 20 largest airports in the world (measured by number of flights operated in 2022), with 88.06% of flights arriving on time.

There is then a considerable gap between the next highest, **Atlanta Hartsfield-Jackson (ATL)**, with an OTP of 80.08% in 2022.

14 of the Top 20 largest airports are in the US, reflecting the almost recovered nature of the US domestic market.

OTP at the US airports in this group ranges from **Atlanta Hartsfield-Jackson (ATL)** at 80.08% to **Newark Liberty (EWR)** at 67.76%. Newark also has the highest rate of cancellations in 2022, with 4.66% of flights being cancelled, reflecting the difficult summer many airports across the world have faced this year as the industry struggles to find enough people to staff airports and airlines.

OTP at Europe's biggest airports is considerably lower this year than in 2019, again down to the operational resourcing issues faced in summer 2022.

Amsterdam (AMS) has seen OTP decline by nearly seven percentage points on 2019, whilst **Paris Charles de Gaulle (CDG)** is down by ten points, and **London Heathrow (LHR)** by nearly 14 percentage points.

TOP 20 MEGA AIRPORTS BY OTP

Rank	Coverage	Airport Name	Code	OTP 2022	Cancellation Rate % 2022	OTP 2019
1	90.6%	Tokyo Intl (Haneda)	HND	88.06%	2.10%	86.60%
2	99.7%	Atlanta Hartsfield-jackson Intl Apt	ATL	80.08%	1.55%	83.74%
3	99.5%	Seattle-Tacoma International Apt	SEA	79.98%	1.97%	80.27%
4	99.3%	Houston George Bush Intercont.	IAH	79.72%	1.84%	79.25%
5	99.4%	Charlotte	CLT	79.59%	2.55%	80.70%
6	99.2%	Los Angeles International Apt	LAX	78.63%	1.41%	79.62%
7	98.7%	Chicago O'Hare International Apt	ORD	77.86%	2.90%	74.93%
8	97.7%	Phoenix Sky Harbor Intl Apt	PHX	76.80%	1.79%	80.28%
9	98.6%	Dallas Dallas/Fort Worth Intl Apt	DFW	76.15%	2.81%	76.78%
10	99.3%	Miami International Apt	MIA	73.97%	2.22%	80.22%
11	98.2%	Denver Intl Apt	DEN	73.13%	2.60%	76.93%
12	95.8%	Mexico City Juarez Intl	MEX	72.73%	1.52%	72.36%
13	99.9%	New York LaGuardia Apt	LGA	71.88%	5.37%	71.81%
14	96.0%	Las Vegas McCarran International Apt	LAS	71.08%	2.15%	79.12%
15	96.6%	New York J F Kennedy International Apt	JFK	69.79%	2.95%	77.87%
16	99.4%	Newark Liberty International Apt	EWR	67.76%	4.66%	69.46%
17	88.6%	Istanbul Airport	IST	66.91%	2.15%	76.16%
18	92.2%	Amsterdam	AMS	65.07%	2.74%	71.90%
19	92.5%	Paris Charles de Gaulle Apt	CDG	63.53%	1.24%	73.67%
20	89.4%	London Heathrow Apt	LHR	61.53%	2.05%	75.27%

Source: OAG

AIRPORTS BY REGION

**SALT
LAKE CITY**

On-time performance

83.59%

**PINTO
MARTINS –
FORTALEZA
INTL APT**

On-time performance

88.81%

**STUTTGART
AIRPORT**

On-time performance

84.20%

**DURBAN
KING SHAKA
INTL APT**

On-time performance

89.73%

**OSAKA
INTL (ITMAI)**

On-time performance

91.45%



ASIA PACIFIC AIRPORTS BY OTP

Rank	Coverage	Airport Name	Code	OTP 2022	Cancellation Rate % 2022	OTP 2019
1	94.6%	Osaka Intl (Itami)	ITM	91.45%	1.04%	88.03%
2	92.7%	Matsuyama	MYJ	91.44%	0.72%	-
3	90.3%	Miyazaki	KMI	91.34%	2.45%	-
4	97.2%	Nagoya Chubu Centrair International Apt	NGO	90.78%	1.04%	-
5	94.2%	Kagoshima	KOJ	89.05%	2.14%	83.34%
6	88.9%	Kumamoto	KMJ	88.87%	1.95%	-
7	93.7%	Fukuoka	FUK	88.26%	3.02%	-
8	86.8%	Sapporo New Chitose Apt	CTS	88.06%	2.25%	84.06%
9	90.6%	Tokyo Intl (Haneda)	HND	88.06%	2.10%	86.60%
10	88.1%	Coimbatore	CJB	88.01%	0.54%	-

Source: OAG

Nine of the Top 10 airports for OTP in Asia Pacific are in Japan.

The tenth airport is **Coimbatore (CJB)** - in the southern state of Tamil Nadu in India – with an OTP of 88.01%.

Average OTP for these ten airports is high, sitting at 89.53%.

The airports range in size from **Tokyo Haneda (HND)**, the largest with 83.5m seats in 2022, to **Coimbatore (CJB)**, the smallest with 3.1m seats in 2022.

EUROPE AIRPORTS BY OTP

Rank	Coverage	Airport Name	Code	OTP 2022	Cancellation Rate % 2022	OTP 2019
1	96.5%	Stuttgart Airport	STR	84.20%	2.45%	78.75%
2	96.5%	Dublin	DUB	82.69%	0.99%	76.73%
3	96.8%	Malta	MLA	81.75%	0.34%	82.33%
4	94.5%	Rome Ciampino Apt	CIA	80.73%	0.31%	78.22%
5	86.3%	Trondheim Vaernes Airport	TRD	79.67%	2.75%	82.27%
6	93.8%	Stavanger	SVG	79.53%	3.19%	83.13%
7	93.9%	Bergen	BGO	79.49%	3.24%	82.73%
8	95.7%	Ercan	ECN	79.31%	0.50%	-
9	95.0%	Billund	BLL	79.14%	1.32%	-
10	83.6%	Bordeaux Merignac Apt	BOD	79.12%	2.25%	81.60%

Source: OAG

Stuttgart Airport (STR) in Germany is the most punctual airport in Europe this year, with 84.20% of flights operating on-time.

Dublin (DUB) is next most punctual with 82.69% of flights on-time and is the largest of the Top 10.

Three Norwegian airports, **Trondheim (TRD)**, **Stavanger (SVG)** and **Bergen (BGO)**, all report OTP of 79%, with just very slight variances between them and they are ranked in fifth, sixth and seventh place respectively. A further three airports, from eighth to tenth place, also record OTP of 79% with just very slight differences in the decimal places.

The airport with the highest cancellation rate in the Top 10 is **Bergen (BGO)**, where 3.24% of flights were cancelled in 2022

LATIN AMERICA AIRPORTS BY OTP

Rank	Coverage	Airport Name	Code	OTP 2022	Cancellation Rate % 2022	OTP 2019
1	82.0%	Pinto Martins – Fortaleza Intl Apt	FOR	88.81%	1.06%	83.34%
2	97.3%	Panama City Tocumen International	PTY	88.65%	0.47%	92.21%
3	98.9%	Belo Horizonte Tancredo Neves Int Apt	CNF	87.26%	1.66%	81.55%
4	86.6%	Alejandro Velasco Astete Intl Apt	CUZ	87.08%	3.42%	-
5	80.5%	Mariscal Sucre Intl Apt	UIO	87.00%	1.88%	82.96%
6	84.9%	Salgado Filho Intl Apt	POA	86.50%	1.90%	81.47%
7	95.9%	José Joaquín de Olmedo Intl Apt	GYE	86.47%	1.66%	83.97%
8	97.0%	Marechal Rondon Intl Apt	CGB	86.39%	1.60%	-
9	85.5%	Monsenor Oscar Arnulfo Romero Intl Apt	SAL	86.17%	0.96%	86.20%
10	87.2%	Eurico de Aguiar Salles Apt	VIX	85.81%	2.04%	-

Source: OAG

Half of the airports in the Top 10 Latin America group are in Brazil.

Fortaleza (FOR) is in first place with OTP of 88.81% in 2022.

Three airports - **Belo Horizonte (CNF)**, **Alejandro Velasco Astete Cusco (CUZ)** and **Mariscal Sucre Quito (UIO)** - all have OTP of 87%, with just a few degrees of difference between them.

Cancellations are highest at **Alejandro Velasco Astete Cusco (CUZ)** with 3.42% of flights cancelled in 2022.

Three of the airports are new to the Punctuality League in 2022 - **Alejandro Velasco Astete Cusco (CUZ)** in Peru, **Cuiabá Marechal Rondon (CGB)** in western Brazil and **Vitória (VIX)** on Brazil's east coast.

MIDDLE EAST & AFRICA AIRPORTS BY OTP

Rank	Coverage	Airport Name	Code	OTP 2022	Cancellation Rate % 2022	OTP 2019
1	81.5%	Durban King Shaka International Apt	DUR	89.73%	1.37%	83.59%
2	80.2%	Cape Town	CPT	87.02%	1.02%	84.60%
3	94.4%	Amman Queen Alia International Apt	AMM	84.31%	0.91%	76.89%
4	96.7%	Bahrain	BAH	82.13%	2.50%	-
5	93.6%	Muscat	MCT	81.98%	1.02%	-
6	93.6%	Addis Ababa	ADD	81.73%	0.17%	76.83%
7	88.1%	Beirut	BEY	77.48%	0.85%	79.24%
8	80.2%	Abu Dhabi International Apt	AUH	77.00%	0.72%	81.15%
9	96.9%	Doha	DOH	76.08%	0.43%	80.21%
10	82.6%	Jazan	GIZ	70.21%	0.79%	-

Source: OAG

Durban (DUR) is the airport with the highest OTP across the Middle East and Africa in 2022, with 89.73% of flights operating on-time.

Only three of the Top 10 are in Africa, with the remainder located across the Middle East.

There is a considerable range of OTP across this group, from 89.73% down to 70.21%.

Bahrain (BAH) has the highest level of cancellations in the group, at 2.50% in 2022.

NORTH AMERICAN AIRPORTS BY OTP

Rank	Coverage	Airport Name	Code	OTP 2022	Cancellation Rate % 2022	OTP 2019
1	99.9%	Salt Lake City	SLC	83.59%	1.08%	85.38%
2	99.5%	Boise	BOI	82.92%	1.17%	85.34%
3	96.1%	Fresno Yosemite International Airport	FAT	81.58%	1.58%	-
4	99.2%	Spokane International Apt	GEG	81.29%	1.52%	-
5	99.7%	Tucson International Apt	TUS	81.26%	1.78%	-
6	95.1%	Lihue	LIH	80.95%	0.86%	-
7	100.0%	Detroit Metropolitan Wayne County	DTW	80.94%	2.13%	83.08%
8	97.9%	Portland (US) OR	PDX	80.85%	1.95%	84.68%
9	98.4%	Greenville/Spartanburg Intl Apt	GSP	80.37%	2.75%	-
10	99.1%	Minneapolis/St Paul International Apt	MSP	80.36%	1.61%	83.27%

Source: OAG

Salt Lake City (SLC) is the most punctual airport in North America, with 83.59% of flights on-time in 2022.

Boise (BOI) is not far behind in second place, with 82.92% OTP.

There are a number of airports with very similar OTP rankings of between 80-81% in positions three to ten.

Only two of the US's largest airports make it into the Top 10, **Detroit (DTW)** in seventh place and **Minneapolis/St Paul (MSP)** in tenth position.

Average cancellations for this group are 1.64%.

An aerial, top-down view of an airport tarmac. A large white commercial airplane with blue accents is parked on the right side, facing towards the top of the frame. Various ground support equipment, including mobile staircases, belt loaders, and service vehicles, are positioned around the aircraft. The tarmac surface is marked with white lines and numbers. The overall lighting suggests a clear day.

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