



CIRIUM

CIRIUM
ON-TIME
PERFORMANCE
MONTHLY REPORT

SOUTHEAST ASIA

AIRLINES

March 2025

cirium.com

MARKING
TIME for

16 YEARS



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ON-TIME
PERFORMANCE



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SOUTHEAST ASIA



ADVISORY BOARD UPDATE - ON-TIME PERFORMANCE PROGRAM

Every year, we bring together our Advisory Board to review the On-Time Performance program. This year’s meeting was held in Dallas on March 12-13, and as always, we’re very grateful to the industry leaders who give their time and expertise to help shape the direction of this program. Their deep experience helps ensure we’re not only accurately representing airline and airport performance but also holding ourselves to the highest standards when it comes to methodology and category design.

The aim of the board is straightforward: we want to keep improving the OTP program year after year, and we want the data you see to have proper oversight behind it. That means taking a close look at how we define categories, reviewing how airlines and airports qualify, and making sure we’re comparing like with like—no small task in a global industry where operating environments vary so widely.

Here are a few key updates from this year’s session:

Low-Cost Carrier Category

This was a long-running discussion, and we’ve finally reached a decision: we’re retiring the low-cost carrier category. The reality is, our categories are built around operational characteristics or regional factors—not business models. And the LCC label has become increasingly difficult to define. Many airlines that started as low-cost now look very similar to full-service carriers—Southwest is a good example, now planning assigned seating when open seating was an LCC product differentiator. We’ve also had pushback

over the years from carriers offering premium cabins but still being classified as low-cost. It’s time to move on from that label. Former LCC airlines will continue to be eligible for inclusion in other categories, just like everyone else.

New Award: Most Improved OTP

The board also approved a new recognition this year: a “Most Improved” OTP award. This will go to the carrier that shows the greatest year-over-year improvement, based on its operating profile. It’s another way we want to highlight progress and performance—not just absolute rankings.

As always, a big thank you to the Advisory Board for their guidance and insight. Their contributions are critical to keeping Cirium’s OTP program the gold standard for performance measurement in aviation. We’ve got some meaningful changes in the works, and we’re looking forward to seeing how they play out in this year’s results.



Mike Malik
Advisory Board Member & Committee Chairperson

CIRIUM ON-TIME PERFORMANCE ADVISORY BOARD



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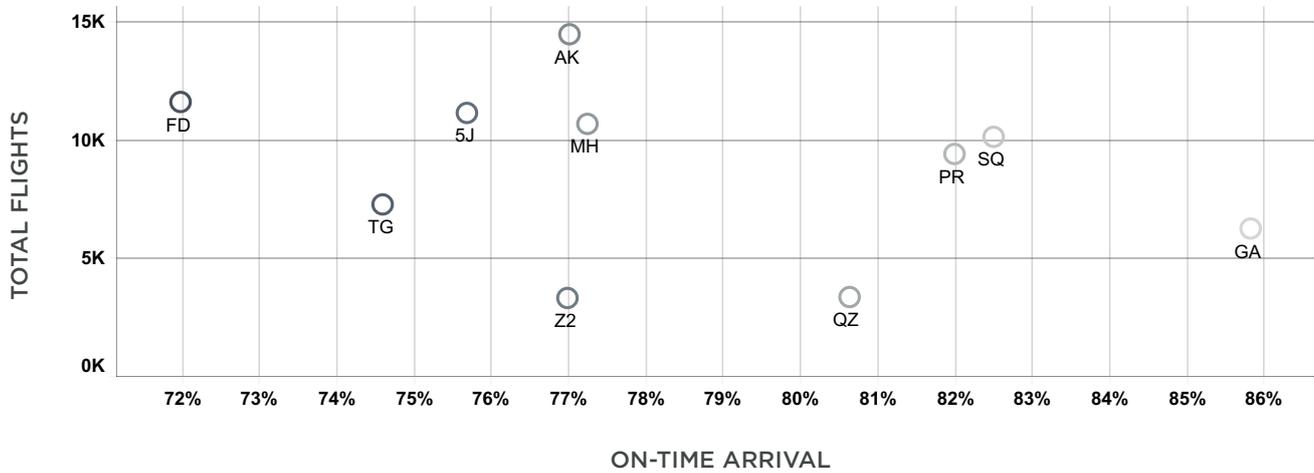
The MOST **ON-TIME** AIRLINES



THE MOST ON-TIME SOUTHEAST ASIA AIRLINES

	On-Time Ranking	On-Time Arrival	Tracked Flights	Completion Factor	Total Flights	Summary of Top Performers
Garuda Indonesia (GA)	1	85.81%	98.33%	96.14%	6,302	78.43% Total On-Time Arrivals
Singapore Airlines (SQ)	2	82.49%	99.81%	99.63%	10,184	
Philippine Airlines (PR)	3	81.98%	99.42%	98.90%	9,459	
Indonesia AirAsia (QZ)	4	80.62%	99.35%	99.56%	3,402	98.97% Total Tracked Flights
Malaysia Airlines (MH)	5	77.23%	98.85%	98.69%	10,733	
AirAsia (AK)	6	77.00%	99.48%	99.99%	14,529	
Philippines AirAsia (Z2)	7	76.97%	99.52%	99.58%	3,361	88,150 Total Flights
Cebu Pacific (5J)	8	75.67%	99.87%	97.89%	11,197	
Thai Airways International (TG)	9	74.58%	96.80%	99.77%	7,323	
Thai AirAsia (FD)	10	71.97%	98.29%	99.95%	11,660	

RELATIVE PERFORMANCE



OPERATIONAL HIGHLIGHTS

	Completion Factor	Within Block Time	On-Time Arrivals	On-Time Departures
Garuda Indonesia (GA)	96.14%	64.71%	85.81%	88.46%
Singapore Airlines (SQ)	99.63%	71.86%	82.49%	83.91%
Philippine Airlines (PR)	98.90%	70.90%	81.98%	82.88%
Indonesia AirAsia (QZ)	99.56%	68.37%	80.62%	80.82%
Malaysia Airlines (MH)	98.69%	57.47%	77.23%	81.13%



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assistant to transform
airline and airport operations

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Performance
assistance is
**now accessible
in 24 languages**

**2023 OTP
data** now
available plus
monthly report
from 2025

Onboarding
experience
now made easier
with **intuitive
surface**

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TREND REPORT

SOUTHEAST ASIA RANKING				
	Airline	Mar 25	Feb 25	Jan 25
1	Garuda Indonesia (GA)	85.81%	78.24%	78.92%
2	Singapore Airlines (SQ)	82.49%	82.19%	73.18%
3	Philippine Airlines (PR)	81.98%	73.95%	75.25%
4	Indonesia AirAsia (QZ)	80.62%	75.92%	71.77%
5	Malaysia Airlines (MH)	77.23%	69.66%	69.46%



Appendix



APPENDIX

WHY THE WORLD TRUSTS OUR RANKINGS

Cirium applies the **highest level of quality assurance to the data** that supports the On-Time Performance Review. We ensure the highest level of accuracy, timeliness, and coverage of the data, which is why the data and analyses are trusted by airlines and airports globally.

The experienced and dedicated Cirium data team collect, verify, and clean the data and then apply logic, algorithms and security to it.

This comprehensive structure is in place to achieve the 'quality balance' of the data that we use to rank airlines and airports.

Sophisticated tools and statistics validate the information and remove outliers and multisource verification fills in the gaps in single data sources. In cases of conflict, advanced algorithms identify the most reasonable data points, crosscheck the information, and determine consistency of information. Our expert team apply their in-depth knowledge in data and aviation to add extra validity to the data.

Cirium has a strict definition for what we consider as flight coverage for an airline or airport. For an airline to qualify for Cirium's On-Time Performance rankings, a carrier must meet the coverage standards, and we must have data fields which include estimated departures, actual departures, departure dates and arrival gates.

Cirium's approach to on-time performance data and the process involved means we immediately notice when changes or deviations occur.



APPENDIX

AIRLINE CALCULATIONS

We report OTP figures inclusive of all flights operated under a carrier's brand (mainline, wetlease, subsidiaries). To qualify for the Cirium OTP Report, there is an 80% actual gate arrival time data coverage requirement for all airline categories. These categories include Global and Major (by region).

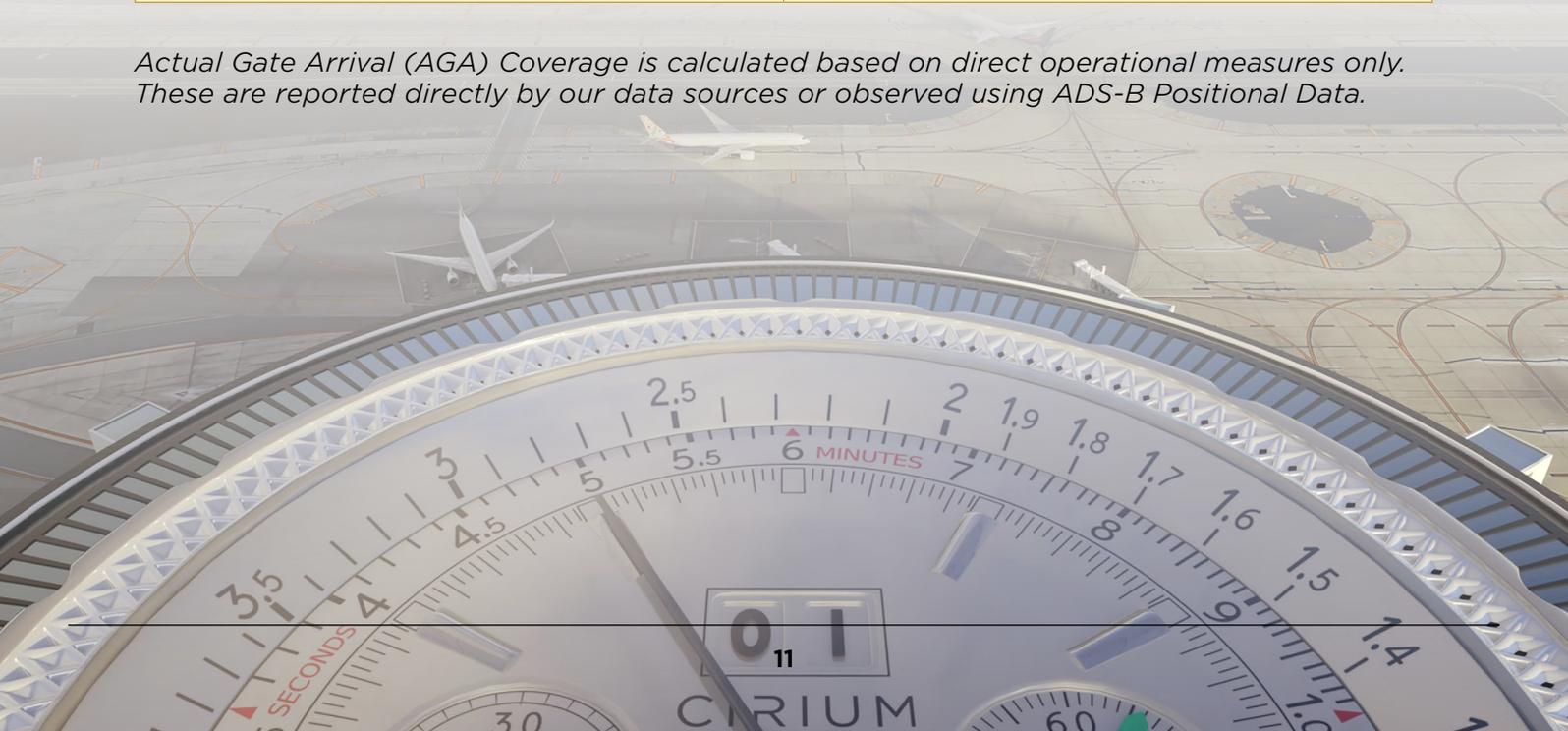
For the **Global Airlines category**, we consider the Top 10% of all passenger airlines by capacity and volume criteria — by Available Seat Kilometres (ASKs), flights and seats—the airline must also serve at least three regions.

For **Major Airlines by Region**, the threshold for ASKs, flights and seats, varies by region to accurately reflect the size of operations in that region.

The thresholds are:

Region	Flights, Seats, ASKs, Threshold
ASIA PACIFIC	Top 25%
EUROPE	Top 30%
LATIN AMERICA	Top 30%
MIDDLE EAST & AFRICA	Top 20%
NORTH AMERICA	Top 15%

Actual Gate Arrival (AGA) Coverage is calculated based on direct operational measures only. These are reported directly by our data sources or observed using ADS-B Positional Data.



Transforming the Future of Travel

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APPENDIX

USAGE & ATTRIBUTION

We ask you to cite Cirium if you extract and use the data and information in this report in your own content and marketing. Where possible please also link to www.cirium.com.

The data presented in this report derives from The Cirium Core, which holds information from over 2,000 sources. Cirium verifies and quality checks all the data as we process it. Cirium is solely responsible for all insights and analyses provided in this report.

As a neutral partner in the industry, we rank airlines and airports from an independent position. It is our mission to accelerate the industry's digital transformation.

“According to data provided by Cirium, an aviation analytics company, 82.49% of Singapore Airlines’ flights arrived on-time for the month of March.”

For questions about citing Cirium’s on-time performance analysis, please contact at media@cirium.com.

EXAMPLES OF HOW TO CITE US:

“Cirium, a company that provides data for the aviation industry, revealed that **85.81% of Garuda Indonesia’s flights** across the country **arrived on-time** in March.”

“Cirium’s study of **Philippine Airlines’ on-time performance** in March shows that **81.98% of its flights arrived on-time.**”

“Based on Cirium’s most recent data, **Malaysia Airlines covered a total of 10,733 flights in March**, resulting to a **77.23% on-time arrival rate.**”

APPENDIX

GLOSSARY OF TERMS

A

AIRLINE CODE

The IATA code for the airline. This is the code of the Marketing Airline.

AVAILABLE SEAT KILOMETERS (ASKs)

The number of seats available multiplied by the number of kilometers between origin and destination.

B

BLOCK TIME

Referred to as B0. The percentage of flights that were completed within their scheduled time.

C

COMPLETION FACTOR

Completion factor which is the percentage of tracked flights that were completed (e.g., not canceled)

COVERAGE

The percentage of published flights for which we have an actual arrival gate time for airlines and an actual departure time for airports against which we can measure a flight's performance versus its schedule.

O

ON-TIME ARRIVAL

The percentage of completed flights that arrived at the gate on time. On time is defined as arriving within 15 minutes of the scheduled arrival time. The on-time arrival ranking is used to determine the top performing airlines.

ON-TIME DEPARTURE

The percentage of completed flights that departed at the gate on time. On time is defined as departing within 15 minutes of the scheduled departing time. The on-time departure ranking is used to determine the top performing airports.

ON-TIME RANKING

For each list of airlines and airports, on-time performance is ranked where a rank of 1 equates to the best performance.

S

SEATS (MILLIONS)

The estimated seat capacity of all scheduled flights.

T

TOTAL FLIGHTS

The total number of scheduled single segment flights (consisting of one origin and one destination).

TRACKED FLIGHTS

The percentage of published flights for which Cirium tracked an actual gate arrival time, cancellation or diversion.

APPENDIX

CIRIUM HISTORY

Cirium brings together powerful data and analytics to keep the world moving. Delivering insight, built from decades of experience in the sector, enabling travel companies, aircraft manufacturers, airports, airlines and financial institutions, among others, to make logical and informed decisions which shape the future of travel, grow revenues and enhance customer experiences. Cirium is part of RELX PLC, a global provider of information-based analytics and decision tools for professional and business customers.

1909

Launched the world's first weekly aerospace magazine.

1985

Launched airline- specific insights to airline C-suite with the title Airline Business.

1997

Created online news and data service for aerospace and airports (formerly known as ATI).

2004

Expanded in aerospace with the most comprehensive technical fleet database (known previously as ACAS).

2011

Grew portfolio with the addition of aircraft finance services with historical fleet and valuations data with acquisition of Ascend.

2014

Added historical airline schedules data to business with acquiring Innovata.

2016

The pioneer in global, real-time flight status data, FlightStats, brought into the group.

Expanded the group's offering with Diiio's fares, traffic and schedules analysis tools.

2019

New aviation analytics brand Cirium launched showcasing the industry's largest data store and an advanced solutions portfolio.

2020

Added live flight and navigational data to the Cirium portfolio, bringing in initiatives for System Wide Information Management (SWIM), with Snowflake Software.

2023

Introduced new aviation analytics tools to accelerate digital transformation and support the industry's sustainability goals under five product brands

Extended partnership with Aireon to offer satellite-based aircraft positional analytics.

2024

Launched EmeraldSky with a unique and unparalleled methodology, data and analytics to provide the world's most accurate measure of aircraft and flight emissions.

Introduced the On-Time AI Assistant, designed to enhance exploration of on time performance data, streamline data discovery, uncover insights, and answer operational questions.

APPENDIX

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