



CIRIUM

**CIRIUM**  
**ON-TIME**  
**PERFORMANCE**  
**MONTHLY REPORT**

**SOUTHEAST ASIA**

**AIRLINES**

May 2025

[cirium.com](http://cirium.com)



The  
**gold standard**  
for measuring  
airline and airport  
performance and  
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# SOUTHEAST ASIA



# 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
<b>Thai AirAsia (FD)</b>	1	84.63%	99.20%	100.00%	10,845	<b>76.24%</b> Total On-Time Arrivals
<b>Garuda Indonesia (GA)</b>	2	81.14%	98.64%	98.31%	6,640	
<b>Philippine Airlines (PR)</b>	3	80.97%	99.81%	98.78%	10,093	
<b>AirAsia (AK)</b>	4	76.99%	99.60%	99.95%	16,814	<b>98.93%</b> Total Tracked Flights
<b>Singapore Airlines (SQ)</b>	5	76.29%	99.89%	99.95%	10,187	
<b>Indonesia AirAsia (QZ)</b>	6	75.93%	99.71%	99.09%	3,179	
<b>Malaysia Airlines (MH)</b>	7	75.55%	98.55%	99.11%	10,802	<b>90,169</b> Total Flights
<b>Thai VietJet Air (VZ)</b>	8	74.32%	96.82%	100.00%	3,077	
<b>Thai Airways International (TG)</b>	9	71.05%	97.24%	99.58%	7,170	
<b>Cebu Pacific (5J)</b>	10	65.53%	99.85%	98.87%	11,362	

## RELATIVE PERFORMANCE

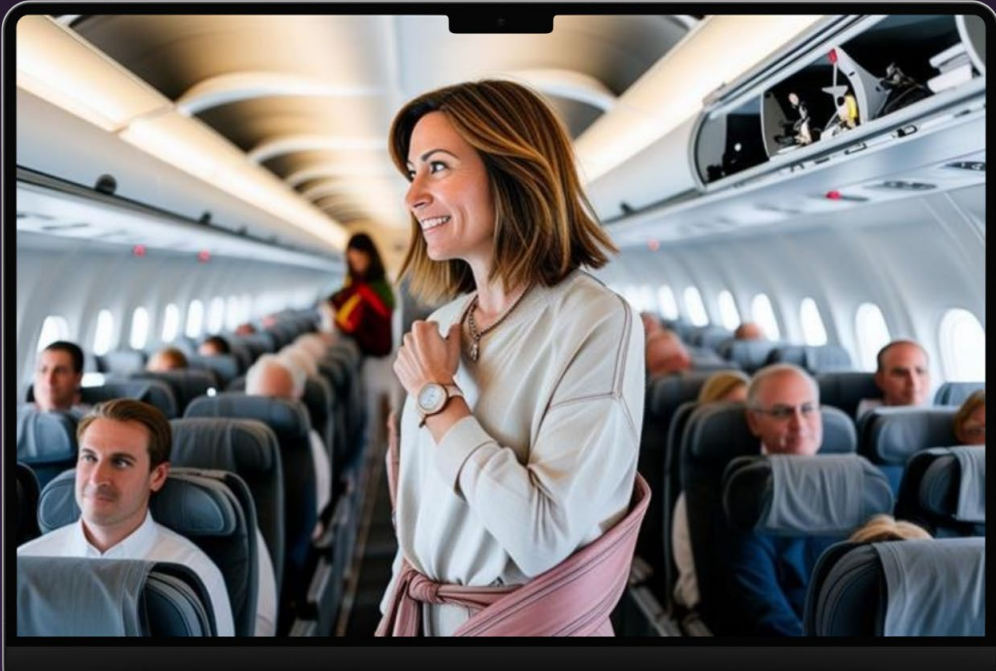


## OPERATIONAL HIGHLIGHTS

	Completion Factor	Within Block Time	On-Time Arrivals	On-Time Departures
<b>Thai AirAsia (FD)</b>	100.00%	66.85%	84.63%	85.60%
<b>Garuda Indonesia (GA)</b>	98.31%	62.02%	81.14%	85.66%
<b>Philippine Airlines (PR)</b>	98.78%	81.98%	80.97%	77.35%
<b>AirAsia (AK)</b>	99.95%	60.79%	76.99%	78.79%
<b>Singapore Airlines (SQ)</b>	99.95%	65.24%	76.29%	80.88%

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# TREND REPORT

SOUTHEAST ASIA RANKING				
	Airline	May 25	Apr 25	Mar 25
1	<b>Thai AirAsia (FD)</b>	84.63%	74.93%	71.97%
2	<b>Garuda Indonesia (GA)</b>	81.14%	80.48%	85.81%
3	<b>Philippine Airlines (PR)</b>	80.97%	86.07%	81.98%
4	<b>AirAsia (AK)</b>	76.99%	69.83%	77.00%
5	<b>Singapore Airlines (SQ)</b>	76.29%	76.91%	82.49%



# 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 90% actual gate arrival time data coverage requirement for all airline categories. These categories include Global and Major (by region).

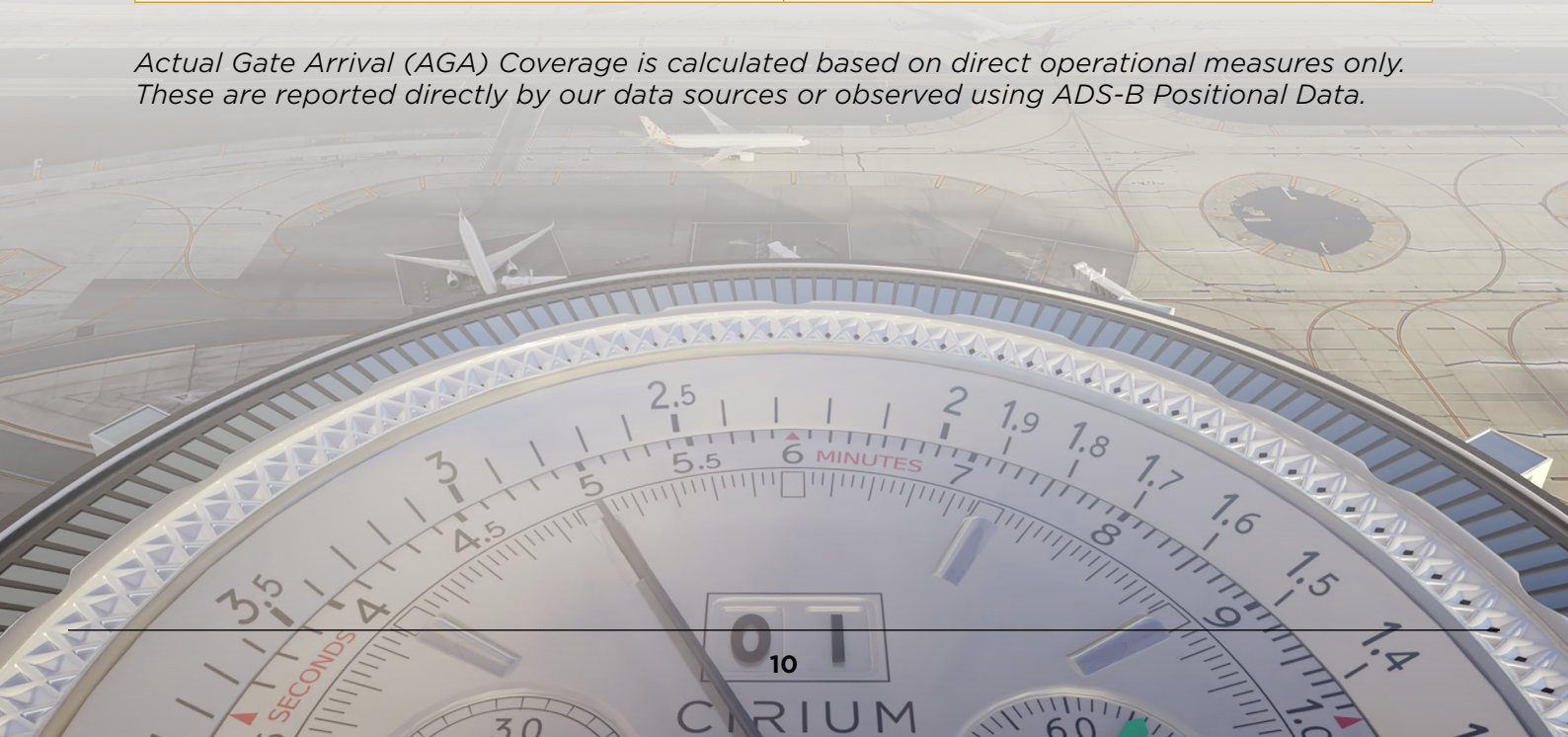
For the **Global Airlines category**, we consider the Top 10% of all passenger airlines by capacity and volume criteria — by Available Seat Kilometres (ASKs), flights and seats—the airline must also serve at least three regions.

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.*





**CIRIUM**  
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# Better Performance. Lower Emissions.

We are here to help us all fly sustainably.

Cirium EmeraldSky is empowering the aviation industry to accurately measure and monitor CO<sub>2</sub> emissions.



[cirium.com/emeraldsky](https://cirium.com/emeraldsky)

emerald  
 sky

## 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](http://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, 84.63% of Thai AirAsia’s flights arrived on-time for the month of May.”**

For questions about citing Cirium’s on-time performance analysis, please contact at [media@cirium.com](mailto:media@cirium.com).

EXAMPLES OF HOW TO CITE US:

“Cirium, a company that provides data for the aviation industry, revealed that **81.14% of Garuda Indonesia’s flights** across the country **arrived on-time** in May.”

“Cirium’s study of **Philippine Airlines’ on-time performance** in May shows that **80.97% of its flights arrived on-time.**”

“Based on Cirium’s most recent data, **AirAsia covered a total of 16,814 flights in May**, resulting to a **76.99% on-time arrival rate.**”

## APPENDIX

# GLOSSARY OF TERMS

## A

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### **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

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### **BLOCK TIME**

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

## C

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### **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

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### **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

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### **SEATS (MILLIONS)**

The estimated seat capacity of all scheduled flights.

## T

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### **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

# CIRIUM GLOBAL OFFICES

## EMEA

### LONDON HQ

99 Bishopsgate  
3rd floor  
London EC2M 3AL  
United Kingdom  
Tel: +44 207 911 1400

### DUBAI

Al Sufouh Complex,  
Office 304, Arjaan Office  
Tower Dubai Media City,  
Dubai, UAE  
Tel: +971 (0)4 560 1200

### HEATHROW

World Business Ctr 2  
1st Floor Newall Road  
Heathrow Airport  
London, TW6 2SF  
Tel: +44 20 8564 6700

### SOUTHAMPTON

1st Floor,  
Grosvenor House  
Grosvenor Square,  
Southampton SO15 2BE  
United Kingdom

### SUTTON

Sutton Park House,  
15 Carshalton Road,  
Sutton, SM1 4LE  
United Kingdom  
Tel: +44 20 8652 3315

## AMERICAS

### ALPHARETTA

1100 Alderman Drive  
Alpharetta,  
GA 30005  
USA  
Tel: +1 770 614 4900

### DALLAS

400 E. Las Colinas Blvd.  
STE 300-65 Irving, TX  
75039  
USA

### NEW YORK

230 Park Avenue  
7th Floor  
New York, NY 10169  
USA  
Tel: +1 646 746 6851

## APAC

### SINGAPORE

Winsland House 1  
3 Killiney Road, #08-01  
Singapore 239519  
Tel: +65 6349 0200

### BEIJING

Unit 701, 7th Floor  
Oriental Plaza Tower W1  
No. 1 East Chang An Ave  
Dong Cheng District  
Beijing 100005, China

### GURGAON

14th Floor, Tower B,  
Building No. 10  
DLF Cyber City, Phase-II  
Gurugram- 122002  
Haryana, India

### HONG KONG

11th Floor Oxford House  
Taikoo Place  
979 King's Road  
Quarry Bay, Hong Kong  
Tel: +852 2965 1520

### MANILA

Building H, 2nd Floor  
UP-Ayalaland TechnoHub  
Commonwealth Ave.  
Diliman, Quezon City,  
Philippines 1101

### SHANGHAI

4th Floor, Block C  
No. 999 Jinzhong Road  
Shanghai  
China 200335

### SYDNEY

Level 1, Tower 2  
475 Victoria Avenue  
Chatswood NSW 2067  
Australia  
Tel: +61 2 9422 2194

### TOKYO

11F Yaesu Central Tower,  
Tokyo Midtown Yaesu,  
2-2-1 Yaesu, Chuo-ku,  
Tokyo 104-0028, Japan  
[Ciriium.com/Jp/](http://Ciriium.com/Jp/)



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