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## Award Winners: 2018 ATRS Global Airport Performance Benchmarking

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# Award Winners

***ATRS Global Airport Performance Benchmarking Task Force:***

***Founding Chairman – Tae Oum; Coordinator - Chunyan Yu***

***Asia Pacific: Peter Forsyth, Xiaowen Fu, Yeong-Heok Lee, Yuichiro Yoshida,  
Japhet Law, Shinya Hanaoka***

***Europe: Nicole Adler, Jaap de Wit, Hans-Martin Niemeier, Eric Pels***

***North America: Bijan Vasigh, Jia Yan, Chunyan Yu***

***Middle East: Paul Hooper***

**Air Transport Research Society (ATRS)**

[www.atrsworld.org](http://www.atrsworld.org)

# Objective of the Benchmarking Study



- ❑ To provide a comprehensive, unbiased comparison of airport performance focusing on
  - **Productivity and Operating/Mgt Efficiency**
  - **Unit Cost Competitiveness**
  - **Financial Results**
  - **Comparison of Airport Charges**
  
- ❑ Limitation: Service Quality is not considered

- ❑ The 16<sup>th</sup> edition of ATRS Global Airport Benchmarking Report
- ❑ The project is entirely funded by report and database sales

# Airports included in the 2018 Report



Canada-US	81 airports
Europe	71 airports 15 airport groups
Asia Pacific	9 airport groups 38 Asian airports 15 Oceania airports
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<b>Total</b>	<b>205 airports</b> <b>24 airport groups</b>

# Airport Characteristics

- ❑ Number of airport passengers ranges from 909,614 passengers for Dunedin International Airport (New Zealand) to 104 million passengers for Hartsfield-Jackson Atlanta International Airport (United States) in 2016.
- ❑ 40 airports with only 1 runway, and 7 runways at DFW and 8 at ORD
- ❑ Number of Employees ranges from 19 (Queenstown) to 18,333 (Frankfurt)
- ❑ 12 airports serve only international passengers, and international passengers account for less than 10 % of total traffic at 62 airports

# The Airport Efficiency Excellence Awards



- Award Winning Airports are decided by rankings in terms of residual Variable Factor Productivity (VFP) Index in their respective region and size category.

# 2018 Top Efficiency Award Winners

## Asia Pacific:

- Over 40 million passengers per year: Hong Kong
- 25-40 million passengers per year: Jeju International
- 10-25 million passengers per year: Gimhae International Airport
- Under 10 million passengers per year: Guam International
- Oceania Airports: Sydney
- Airport Groups: Korea Airport Corporation

## Europe:

- Over 40 million passengers per year: Amsterdam
- Over 25 million passengers per year : Copenhagen
- 15-25 million passengers per year: Athens
- 5-15 million passengers per year: EuroAirport
- Airport Groups: Schiphol



# Top Efficiency Performers (2017)

## North America (Canada/US):

- Over 40 million passengers per year: Atlanta,
- 25-40 million passengers per year: Minneapolis/St Paul,
- 15-25 million passengers per year: Vancouver International
- 5-15 million passengers per year: Raleigh–Durham



- ❑ The ATRS Global Airport Performance Benchmarking Report : 3 volumes, over 600 pages of valuable data and analysis.
- ❑ Details at [www.atrsworld.org](http://www.atrsworld.org)
- ❑ Report and Database sale finances benchmarking research project

# The ATRS Database



- ❑ The ATRS Database contains historic information (FY 2002-2016) including financial data, traffic and capacity data of the major airports and airport authorities (groups) in the following geographic regions:
  - **Asia Pacific**
  - **Europe**
  - **North America**
- ❑ The data in each regions is segregated into:
  - **Airport Information** ( capacity, type of ownership etc)
  - **Traffic**
  - **Aeronautical Revenue**
  - **Non-Aeronautical Revenue**
  - **Operating Expense**
  - **Balance Sheet**
- ❑ Visit <http://www.atrsworld.org/publications.html> for more details.

*Thank You!*  
*고맙습니다!*