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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

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 16th 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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Total	205 airports 24 airport groups

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
- ❑ 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!
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