2018 ATRS Global Airport Performance Benchmarking



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

ATRS Airport Benchmarking Project



- ☐ 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

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)

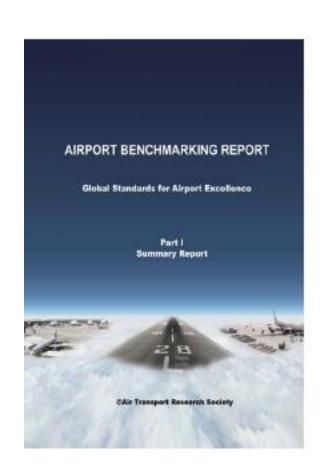


North America (Canada/US):

- 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

ATRS Airport Benchmarking Report and Database





- □ 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! 고맙습니다!