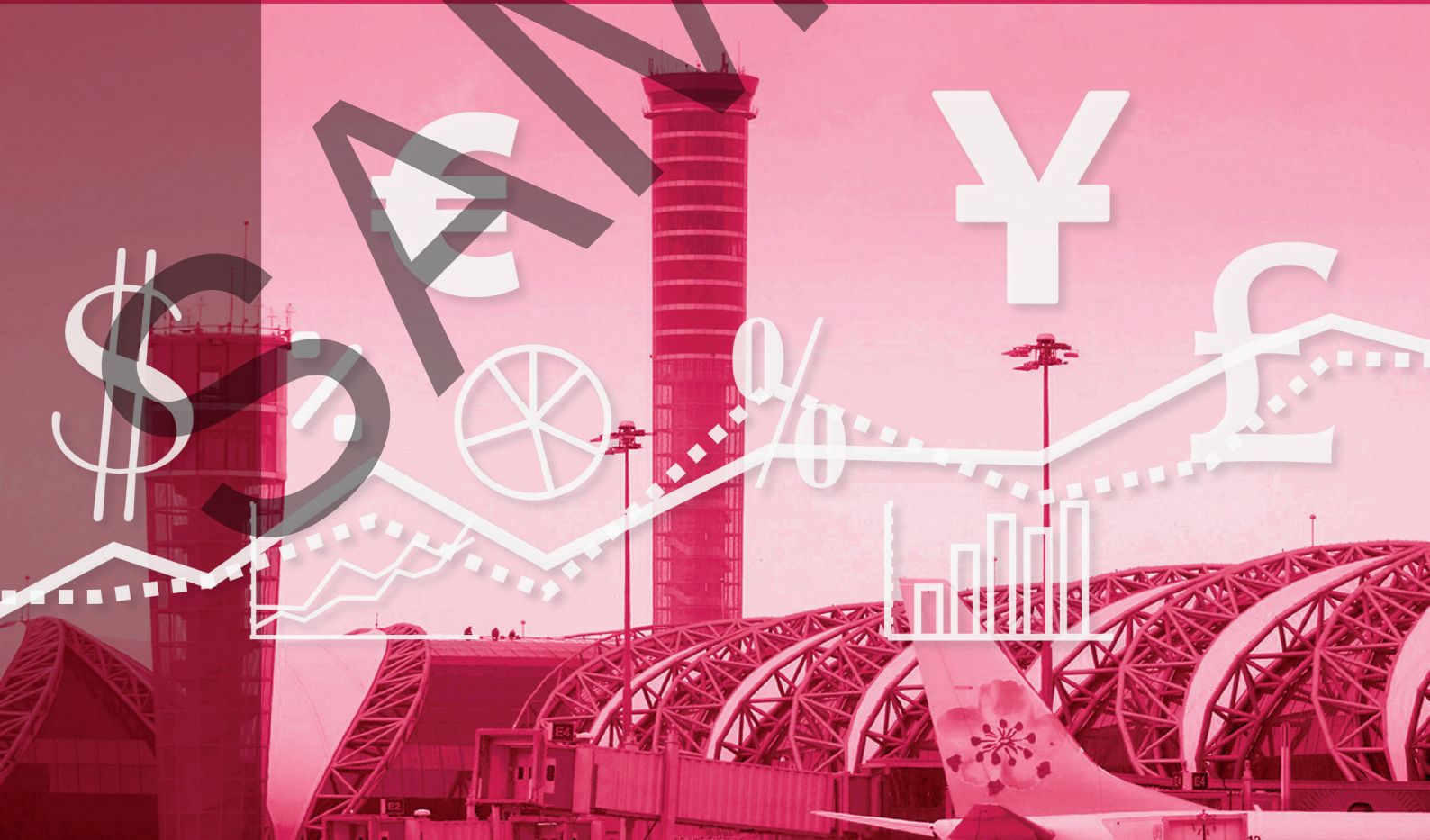


Jacobs

2023

AIRPORT PERFORMANCE INDICATORS

EXAMPLE



A YEARLY REVIEW OF KEY PERFORMANCE INDICATORS AT AIRPORTS WORLDWIDE

About Jacobs' Infrastructure Advisory Aviation Services

We provide innovative, technically sound, and business optimised recommendations to support infrastructure transactions, improve management and operations, and plan for needed development. In an environment in which airport costs are ever more important, this integrated approach can offer particular value at airports whose sponsors are working to provide additional capacity at the least possible incremental cost.

Jacobs Infrastructure Advisory provides a full range of industry-leading, technically superior business and planning advisory services to meet the evolving needs of the aviation industry, including:

- Financial, business, commercial, and strategic planning
- Air transport demand forecasting and market analysis
- Market research and service quality assessments and analysis
- Comparative studies of airport efficiency and levels of airport charges
- Simulation and traffic flow modelling within airports
- Airfield and airspace operations analysis
- Terminal, landside, and complete airport master planning
- Environmental management and assessment
- Airport security

Other Annual Publications

- **Review of Airport Charges**
Jacobs' *Review of Airport Charges* enables airport and airline managers, financial analysts and regulators around the world to compare the relative levels of aeronautical charges at a sample of 50 major airports worldwide. The publication also provides detailed explanations of airport charging structures, regulatory frameworks and airport ownership structures.
- **UK Airports Performance Indicators**
This publication, previously produced by the Centre for the study of Regulated Industries (CRI), provides extensive detailed statistics on the operational and financial performance of 30 UK airports.

For further details on these and other Jacobs, please contact:

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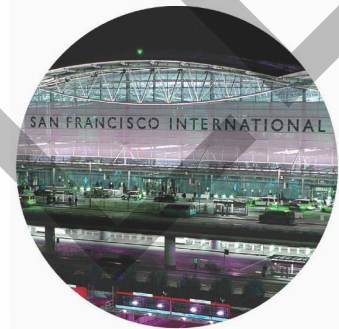


2023 AIRPORT PERFORMANCE INDICATORS

CONTENTS

Description of 48 airports and airport groups in terms of:

- Ownership and privatisation prospects
- Capex programmes and recent traffic performance
- Definition of core airport activities used as a basis of performance comparisons
- Series of 36 performance measures (see below)
- Based on 2021 or 2021/2022 data
- Time series analysis



MEASURES INCLUDED:

- Total revenue per ATM
- Total revenue per 1000 ATUs
- Total revenue per passenger
- Total revenue per employee
- Aeronautical revenue per ATM
- Aeronautical revenues as a % of total costs
- Aeronautical revenues as a % of total revenue
- Aeronautical revenue per 1000 ATUs
- Aeronautical revenue per passenger
- Non-aeronautical revenue per passenger
- Commercial revenue as a % of total revenue
- Total costs per ATM
- Total costs per passenger
- Operating costs per passenger
- Materials and services costs per passenger
- Staff costs as a % of operating and staff costs
- Staff costs per 1000 ATUs
- Staff costs per passenger
- Staff costs as a % of turnover
- Operating profit
- Operating profit per passenger
- Net cash generation per passenger
- EBITDA as a % of turnover
- Return on capital employed
- Return on shareholders' funds
- Return on invested capital
- Passengers per employee
- Passengers per ATM
- ATUs per employee
- Total assets per passenger
- Equity ratio
- Liquidity ratio
- Assets per employee
- Capital expenditure per passenger
- Capital expenditure as a % of turnover
- Taxation effect

AIRPORTS INCLUDED:

EUROPE

- Aeroporti di Milano
- Aéroports de Paris
- Aeroporti di Roma
- AENA (Spanish airports)
- Amsterdam Group
- ANA (Portuguese airports)
- Athens
- Avinor
- Brussels
- Copenhagen
- Dusseldorf

EUROPE

- Finavia
- Fraport Group
- Geneva
- London Gatwick
- London Heathrow
- Manchester
- Stockholm
- Swedavia
- Vienna
- Zurich

AMERICAS

- Aéroports de Montreal
- ASUR
- Calgary
- Chicago O'Hare
- Dallas/Fort Worth
- GAP
- Los Angeles
- Miami
- San Francisco
- Vancouver
- Washington Dulles
- Washington National

ASIA-PACIFIC

- Airports of Thailand
- Auckland
- Bangalore
- Beijing
- Brisbane
- Hong Kong
- Kansai Airports
- Malaysian Airports
- Melbourne
- Perth
- Singapore
- Sydney

AFRICA

- ACSA (South African Airports)
- Cape Town
- Johannesburg

Price: UK £645.00 / US\$800

SAMPLE

Table 4: Total Revenue per Employee

Average		309,521	100.0
Ranking	Airport	Total Revenue/Employee	Ranking Index
1	Brisbane	921,502	297.7
2	Melbourne	838,483	270.9
3	Perth	713,223	230.4
4	Sydney	697,305	225.3
5	Athens	690,420	223.1
6	Chicago O'Hare	645,457	208.5
7	San Francisco	552,629	178.5
8	Calgary	538,187	173.9
9	Los Angeles	443,709	143.4
10	Miami	438,367	141.6
11	Dallas/Fort Worth	428,869	138.6
12	Washington National	408,057	131.8
13	Auckland	383,296	123.8
14	Washington Dulles	376,887	121.8
15	Vancouver	362,894	117.2
16	Avinor	360,326	116.4
17	GAP	359,918	116.3
18	ASUR	345,654	111.7
19	Aeroporto di Roma	338,849	109.5
20	Zurich	332,057	107.3
21	Amsterdam Group	318,077	102.8
22	Brussels	317,526	102.6
23	Aéroports de Montreal	312,731	101.0
24	Aéroports de Paris	279,168	90.2
25	ANA	278,465	90.0
26	Singapore	265,361	85.7
27	AENA	245,491	79.3
28	Beijing	232,954	75.3
29	Stockholm	225,720	72.9
30	London-Heathrow	211,820	68.4
31	Hong Kong	189,875	61.3
32	Kansai Airports	180,924	58.5
33	Geneva	152,960	49.4
34	Fraport	151,169	48.8
35	Vienna	144,309	46.6
36	Finavia	134,666	43.5
37	Copenhagen	124,914	40.4
38	Dusseldorf	120,372	38.9
39	Manchester	116,879	37.8
40	Swedavia	111,640	36.1
41	Aeroporto di Milano	109,702	35.4
42	London-Gatwick	104,632	33.8
43	ACSA	98,732	31.9
44	Johannesburg	79,978	25.8
45	Cape Town	77,905	25.2
46	Bangalore	65,163	21.1
47	Airports of Thailand	18,001	5.8
48	Malaysian Airports	11,796	3.8

