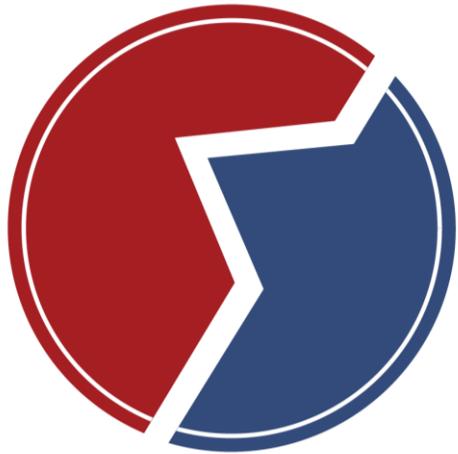




Airline Economics Report

Report sample and subscription details



REDWATER
CONSULTING GROUP

The Airline Economics Report delivers unique insight into the airline industry

- Covering three separate geographies (Asia Pacific, Europe, and the Americas), the report brings together data from airline annual reports, investor updates, and regulatory filings
- The reports are built on the web-based Power BI platform, allowing users to interact with the data and customising it as needed
 - Data can be exported for further analysis by the user if required
- The Asia Pacific report covers 45 airlines and airline groups
 - Total data points exceeds 125,000
- The European report covers 31 airlines and airline groups
 - Total data points exceed 150,000
- The Americas report covers 23 airlines and airline groups
 - Total data points exceed 150,000

The home page provides easy one-click navigation to each of the report modules

- Each module can be accessed from the home page
- The report has 37 modules designed to analyse specific aspects of an airline's operation

Airline Economics Report - Asia Pacific

1H 2021

Please select one of the modules

Home	User Guide	Passenger volumes	Pax Revenue	Pax Capacity	Pax Capacity Utilisation
Revenue Pax Kilometres	Pax Sector Lengths	RASK	Freight Revenue	Freight Yield	Freight Capacity
Freight Volumes	Freight Capacity Utilisation	Total Revenue	Total Capacity	Load	Load Factor
RFTKs	Staff Costs	Fuel Costs	Capital Costs	Maintenance Costs	Total Cost
Labour, Fuel, and Fleet Productivity	Aggregate Fleet Units	Main Narrowbody Fleet	Main Widebody Fleet	Main Regional Fleet	Fleet Complexity, Age, Ownership
Flights and Block Hours	Average Pax Weight	Resources Employed	Resource Prices	Corporate Share Analysis	Current Balance Sheet
Non-Current Balance Sheet	Earnings	Income Tax			

The Airline Economics Report aggregates airline financial, operational, and economics data into a single digital document. Data provided has been collected by A.I.R. from airline annual reports, investor briefings, and securities filings.

The report is interactive meaning the user is able to change date ranges and selected airlines for each analysis.

If you have any questions or comments about the contents of the report, please contact contact@air.com or contact@redwatercg.com

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Developed by:

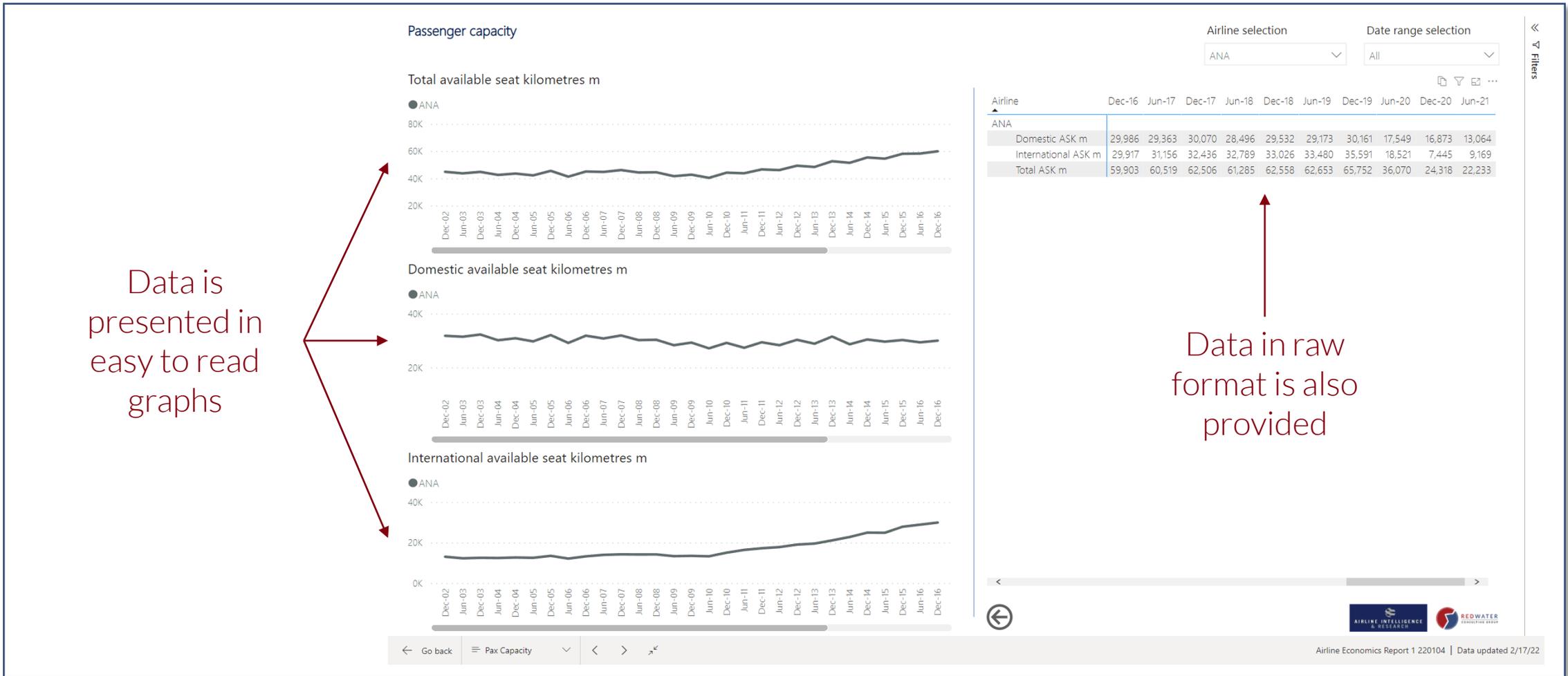


The report includes uniquely constructed measures rarely seen in other industry reports collected in one place

Advanced measures include:

- Fleet complexity index
 - A measure of the diversity of an airline's fleet
 - Ranges from 0 (perfectly diverse) to 10,000 (single fleet type)
 - Can be used to answer questions regarding impact of fleet types on airline cost structures
 - A baseline metric to compare across airlines
- ASK weighted exchange rate
 - There are three ASK-weighted exchange rates constructed – for the total market, for LCCs in the market and for FSAs in the market
 - The total market ASK-weighted exchange rate is constructed by taking the share of ASKs in total market ASKs of each airline and multiplying this by an index of the USD exchange rate relevant to each airline
 - The LCC/FSA ASK-weighted exchange rate is constructed by taking the share of ASKs of each LCC/FSA airline and multiplying this by an index of the USD exchange rate relevant to each LCC airline.
 - The exchange rate is constructed to understand the extent of the movements in the exchange rate in the region as a whole, which may in turn be used to understand the potential impact on costs, yields and revenue
- Share price index
 - A weighted share price is constructed for the Asia Pacific market, the LCCs for the Asia Pacific market and the FSAs for the Asia Pacific market
 - Useful to measure the performance of an airline's share price against the larger group
- Productivity measures
 - We present measures of both fuel and labour productivity computed as the ratio of ASKs to the relevant quantity of fuel and labour inputs in addition to standard measures of fleet productivity, which can be used to understand movements in CASK
- Average Passenger Weight Assumption
 - We compute average passenger weight assumptions by using the RTK, RFTK and RPK data of airlines where available, which is an important parameter in understanding fuel consumption
- Fleet Average Age and Financing
 - We present a breakdown of the average age of different airline fleets where the data is available and the method of financing (lease versus ownership).
 - We also provide a detailed breakdown of aircraft types
- Average Sector Lengths
 - We compute both passenger and freight average sector lengths which is used to understand why CASK may differ across airlines

How can the data set be used? You can examine a single airline across time for a range of metrics, with splits by total network, domestic and international if the data is available



How can the data set be used? You can compare two or more airlines across time

Passenger capacity

Total available seat kilometres m

● Jetstar ● Qantas

Domestic available seat kilometres m

● Jetstar ● Qantas

International available seat kilometres m

● Jetstar ● Qantas

Airline selection: Multiple selections
Date range selection: All

Airline	Dec-16	Jun-17	Dec-17	Jun-18	Dec-18	Jun-19	Dec-19	Jun-20	Dec-20	Jun-21
Jetstar										
Domestic ASK m	9,662	9,032	9,536	9,055	9,693	9,195	9,668	4,041	2,957	7,102
International ASK m	15,061	14,948	15,309	14,863	14,696	14,409	15,162	6,742	629	1,095
Total ASK m	24,723	23,980	24,845	23,918	24,389	23,604	24,830	10,783	3,586	8,197
Qantas										
Domestic ASK m	18,254	16,977	17,681	16,704	17,314	16,552	17,437	8,336	5,220	11,731
International ASK m	32,756	33,633	34,714	34,566	35,151	34,420	34,613	15,871	31	609
Total ASK m	51,010	50,610	52,395	51,270	52,465	50,972	52,050	24,207	5,251	12,340

Go back Pax Capacity < > ↻

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Airline Economics Report 1 220104 | Data updated 2/17/22

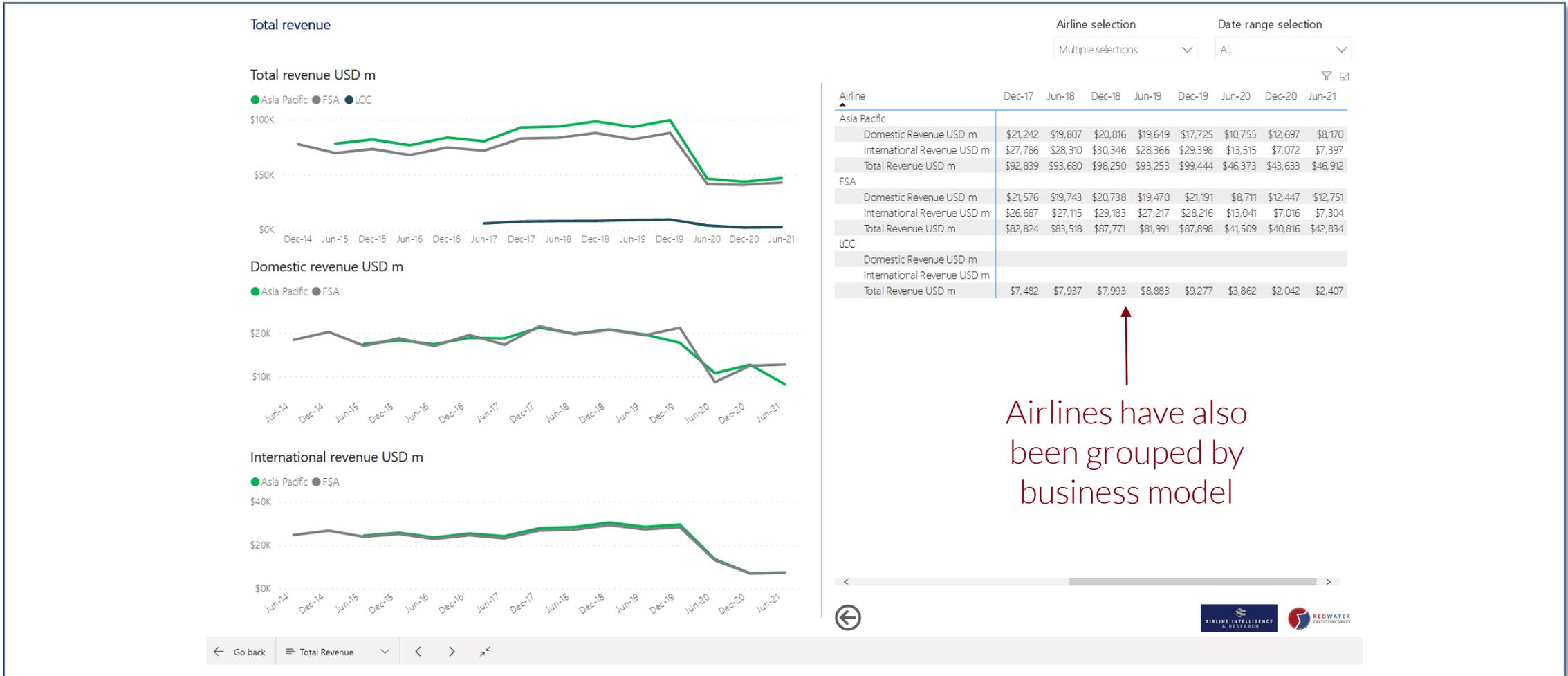
Use the report controls to analyse data across airlines and data ranges

How can the data set be used? You can compare airlines at a single point in time



Users can select a single date to compare airlines across a specific period

How can the data set be used? You can analyse the market, split by Low Cost Carriers, Full Service Airlines, or the Total



Users can subscribe to an individual report (such as the Asia Pacific) or to all three reports

- Reports are updated either quarterly or half-yearly depending on region
 - Asia-Pacific is half-yearly
 - Europe and U.S.A data is updated quarterly

Asia Pacific	Europe	The Americas	All 3 reports (best value)
<ul style="list-style-type: none">• \$500 USD / Year• Data presented in 6 month intervals	<ul style="list-style-type: none">• \$750 USD / Year• Data presented in 3 month intervals	<ul style="list-style-type: none">• \$750 USD / Year• Data presented in 3 month intervals	<ul style="list-style-type: none">• \$1,500 USD / Year

- To subscribe, please submit a registration request through our website, www.redwatercg.com
 - A member of our team will process payment and approve your access
- Reach to us at contact@redwatercg.com if you would like to learn more