Business & Financial Information: Where to find what?

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Research Librarian, Finance

September 2016
IS IT ACTUALLY OUT THERE?
Why something “can’t be found”

- Private/sensitive information
  - Private companies
  - Trade secret / Classified

- It does not exist/It is not collected

- It is not online?!?
What is business information?

• Broadly categorised into:
  – Company information
  – Industry information
  – Market/Financial information
  – Statistics
COMPANY RESEARCH
Company information

• Qualitative information
  – Company description (history, board members, etc)
  – Analyst coverage (from investment banks)

• Quantitative information
  – Financial statistics (Revenue, income, etc)
  – Company statistics (number of employees, etc)
Sources of company information

• Company website (eg http://www.capitaland.com/)
  – About us
  – Investor relations (for listed companies)
  – Press releases
Sources of company information

• Databases... Bloomberg
Sources of company information

- Datastream

<table>
<thead>
<tr>
<th>Equities</th>
<th>Symbol</th>
<th>Type</th>
<th>Source</th>
<th>Currency</th>
</tr>
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<tbody>
<tr>
<td>Price (Adjusted - Default)</td>
<td>P</td>
<td>Time Series</td>
<td>Datastream</td>
<td>Y</td>
</tr>
<tr>
<td>Market Value (Capital)</td>
<td>MV</td>
<td>Time Series</td>
<td>Datastream</td>
<td>Y</td>
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<td>Dividend Yield</td>
<td>DY</td>
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<td>Y</td>
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<td>12 Month Forward Earnings Per Share</td>
<td>EPS IFD12</td>
<td>Time Series</td>
<td>IBES</td>
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<td>12 Month Trailing Earnings Per Share</td>
<td>EPS ITR12</td>
<td>Time Series</td>
<td>IBES</td>
<td>Y</td>
</tr>
<tr>
<td>Adjustment Factor (Accumulated)</td>
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<td>Time Series</td>
<td>Datastream</td>
<td>N</td>
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<tr>
<td>Adjustment Factor (Not Accumulated)</td>
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<td>Assoc Market Index - Datastream</td>
<td>INDEX</td>
<td>Static</td>
<td>Datastream</td>
<td>N</td>
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<tr>
<td>Capital Change Type</td>
<td>CEXT</td>
<td>Static</td>
<td>Datastream</td>
<td>N</td>
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<tr>
<td>Code - Isin</td>
<td>ISIN</td>
<td>Static</td>
<td>Datastream</td>
<td>N</td>
</tr>
<tr>
<td>Code - Local</td>
<td>LOC</td>
<td>Static</td>
<td>Datastream</td>
<td>N</td>
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<tr>
<td>Code - Sedol</td>
<td>SECD</td>
<td>Static</td>
<td>Datastream</td>
<td>N</td>
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<tr>
<td>Currency of Coupon Payment/Dividend</td>
<td>DCUR</td>
<td>Static</td>
<td>Datastream</td>
<td>Y</td>
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<tr>
<td>Date - Dividend Payment</td>
<td>PYD</td>
<td>Time Series</td>
<td>Datastream</td>
<td>Y</td>
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<tr>
<td>Date - Ex Dividend</td>
<td>XDD</td>
<td>Time Series</td>
<td>Datastream</td>
<td>N</td>
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<tr>
<td>Dividend Data For 5 Years</td>
<td>DY5</td>
<td>Static</td>
<td>Datastream</td>
<td>N</td>
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<tr>
<td>Dividend Per Share</td>
<td>DPS</td>
<td>Time Series</td>
<td>Datastream</td>
<td>N</td>
</tr>
<tr>
<td>Dividend Per Share (Adjusted)</td>
<td>4DIV</td>
<td>Static</td>
<td>Datastream</td>
<td>N</td>
</tr>
</tbody>
</table>
Sources of company information

• Capital IQ
Sources of company information

- Eikon
Sources of company information

- OneSource

Singapore Airlines Ltd.

25 Airline Road, Airline House
Singapore, 318239
Singapore

Tel: 65-6-5414030
Fax: 65-6-5467469

www.singaporeair.com

Employees: 23,716
Company Type: Public Subsidiary
Corporate Family: Temasek Holdings (Private) Limited
Ultimate Parent: Singapore Exchange Securities Trading (CSE)
Incorporation Date: 26-Jan-1972
Auditor: Ernst & Young LLP

Business Description

The Singapore Airlines Group with its subsidiaries covers a range of airline-related services from cargo to engine overhaul. The main subsidiaries are SIA Cargo, SIA Engineering Company, SilkAir and Tradewinds Tours and Travel. The Company has organized into business units based on the nature of the services provided, and has four reportable operating segments including: The airline operations segment provides passenger air transportation; The engineering services segment is in the business of providing airframe maintenance and overhaul services, line maintenance, technical ground handling services and fleet management programmes; The cargo operations segment is involved in air cargo transportation and related activities and Other services provided by the Group, such as training of pilots, air charters and tour wholesaling, has been aggregated under the segment Others. For the nine months ended 31 December 2014, Singapore Airlines Ltd. revenues increased 1% to S$11.6B. Net income decreased 1% to S$203.0M. Revenues reflect an increase in demand for the Company’s products and services due to favorable market conditions. Net income was offset by Gain on investment of an associated company. Rentals on leased aircraft increased 24% to S$506.5M (expense).

Source: Reuters

Industry: Airlines

Financials in: USD (000)
Sources of company information

- EMIS
Sources of company information

• Websites: rich source of info, current information
• Databases: standardised format information, easy to download, historical data available
Sources of company information

• Information on private companies
  – Company websites
  – Databases: some limited information, usually descriptive
  – News and magazine articles covering the company

• For news articles, use Factiva database
INDUSTRY RESEARCH
Industry information
aka “market research”

- Qualitative
  - Industry analysis
  - Industry outlook
  - Guidelines, policies, etc

- Quantitative
  - Ratios
  - Comparative analysis
Sources of industry information

• **Associations websites** (listing available here: [http://www.customs.gov.sg/topNav/use/Chambers+of+Commerce+and+Trade+Associations.html](http://www.customs.gov.sg/topNav/use/Chambers+of+Commerce+and+Trade+Associations.html)) e.g. Singapore Business Federation
Sources of industry information

• Library search ([http://library.smu.edu.sg](http://library.smu.edu.sg))
  – Article databases e.g. ProQuest and Business Source Complete
  – Use Advanced Search or Filter for industry reports, profiles, SWOT analysis
Sources of industry information

• Databases (business databases)
  – Passport GMID (primarily for FMCG and consumer information)
  – MarketLine Advantage
  – OneSource
  – EMIS
  – Capital IQ (for industry ratios)
  – Bloomberg
  – Eikon
  – Factiva
  – Etc
Sources of industry information

• Industry Classifications:
  – Database-specific, different
  – “Standard” classifications
    • NAICS: North American Industry Classification System
    • SIC: Standard Industrial Classification (superceded by NAICS)
    • GICS: Global Industry Classification Standard (S&P)
    • ICB: Industry Classification Standard (FTSE)
    • SSIC 2010: Singapore Standard Industrial Classification
Sources of industry information

- Passport GMID
Sources of industry information

- MarketLine Advantage
Sources of industry information

- OneSource

OneSource Industry
The OneSource Industry Classification System is used to organize companies by economic activity. Browse or search through the OneSource Classification System to find target industries.

Airlines
Companies engaged in providing scheduled and nonscheduled airline services, including passenger and freight.

Industry Activities
- Air cargo carriers (except air couriers), nonscheduled
- Air cargo carriers (except air couriers), scheduled
- Air commuter carriers, scheduled
- Air passenger carriers, nonscheduled
- Air passenger carriers, scheduled
- Air taxi services
- Aircraft charter services (i.e., general purpose aircraft, aerial photography, and flying services)
Sources of industry information

- Capital IQ
Sources of industry information

- Capital IQ

<table>
<thead>
<tr>
<th>Key Stats &amp; Ratios</th>
<th>Latest As of March-11-2015</th>
</tr>
</thead>
<tbody>
<tr>
<td>TEV/Total Revenue</td>
<td>1.0x</td>
</tr>
<tr>
<td>TEV/EBITDA</td>
<td>5.7x</td>
</tr>
<tr>
<td>TEV/EBIT</td>
<td>7.8x</td>
</tr>
<tr>
<td>P/E</td>
<td>10.3x</td>
</tr>
<tr>
<td>P/BV</td>
<td>1.7x</td>
</tr>
<tr>
<td>P/TangBV</td>
<td>1.9x</td>
</tr>
<tr>
<td><strong>Profitability</strong></td>
<td></td>
</tr>
<tr>
<td>Return on Assets %</td>
<td>6.5%</td>
</tr>
<tr>
<td>Return on Capital %</td>
<td>9.1%</td>
</tr>
<tr>
<td>Return on Equity %</td>
<td>14.3%</td>
</tr>
<tr>
<td><strong>Margin Analysis</strong></td>
<td></td>
</tr>
<tr>
<td>Gross Margin %</td>
<td>20.9%</td>
</tr>
<tr>
<td>SG&amp;A Margin %</td>
<td>5.4%</td>
</tr>
<tr>
<td>EBITDA Margin %</td>
<td>17.5%</td>
</tr>
<tr>
<td>EBITA Margin %</td>
<td>12.8%</td>
</tr>
<tr>
<td>EBIT Margin %</td>
<td>12.8%</td>
</tr>
<tr>
<td>Earnings from Cont. Ops Margin %</td>
<td>10.0%</td>
</tr>
</tbody>
</table>
Sources of industry information

• Who is likely to collect this information? Who does the information matter to? e.g. http://www.alan.org/research/librystats

• Other sources: government agencies?
FINANCE/MARKET INFORMATION
Finance/Market information

• Quantitative
  – Historical performance (stocks, bonds, commodities, derivatives, funds etc)
  – Forecasts (earnings, prices, etc)

• Qualitative
  – News & analysis
  – Analyst reports
Sources of market information

• Exchange websites

Effective 14 April 2014, SGX has standardised how shares of listed companies are identified on their trading counters and on investors’ Central Depository (CDP) statements, so that investors will find it easier to recognise the names of the companies they are invested in. This initiative only affects ordinary shares. Both the company’s stock code and legal name will not be changed. Please click here to view a glossary of the old and new company names as well as a list of FAQs for this initiative.

For a list of companies with a secondary listing on SGX, please click here.

Top Counters  Top 20 Vol  Top 20 Gainers  Top 20 %Gainers  Top 20 Losers  Top 20 %Losers  Top 20 Value

Alphabetical  A B C D E F G H I J K L M N O P Q R S T U V W X Y Z Others All
Sources of market information

• News
  – FT.com
  – Business Times
  – The Economist
  – Singapore Business Review / Hong Kong Business Review
  – Or other news magazines/websites...
Sources of market information

- Free online sources
  - Yahoo/Google Finance
  - Twitter
    - @FinancialTimes
    - @WSJ
    - @BloombergNews
    - @TheEconomist
    - @HarvardBiz
    - @YahooFinance
Sources of market information

• Databases
  – Bloomberg
  – Capital IQ
  – Datastream
  – Eikon
  – WRDS
Sources of market information

- Bloomberg
Sources of market information

• Datastream
Sources of market information

- Eikon
  - Equities
  - Forex
  - Money markets
  - Fixed income
  - Commodities
  - Funds
  - Real estate
  - Islamic finance
  - ...

Our Passion, Our Commitment, Your Advantage
Sources of market information

• Online sources
  – Current information
  – Ease and convenience of access

• Business/Finance databases
  – Cover most markets; in-depth
  – Niche databases cover specific areas (hedge funds, Chinese markets, private equity, deals)
  – More historical information is available and easily retrievable/exportable
Statistics

Macro-level
• Government sources
• Regional sources
• International sources
Statistics

• Government sources
  – Central banks/Monetary authority (MAS)
  – Ministries/Treasury (MOF)
  – Sovereign wealth fund (GIC)
  – Aggregated (SingStat)
Statistics

• Regional sources, e.g.
  – Asian Development Bank
    (http://www.adb.org/data/statistics)
  – ASEAN: ASEANstats
    (http://www.asean.org/resources/category/asean
    -statistics)
  – ECB: Statistical Data Warehouse
    (http://sdw.ecb.europa.eu/)
Statistics

• International sources, e.g.
  – IMF (International Monetary Fund): IMF elibrary data (http://elibrary-data.imf.org/DataExplorer.aspx)
  – OECD (Organisation for Economic Co-operation and Development)
  – UN, World Bank
Need more help?

• Access databases
  (http://researchguides.smu.edu.sg/az.php)
  – Expand the “More” section for notes on access and limits
Need more help?

- **Research Guides**
  - [http://researchguides.smu.edu.sg](http://researchguides.smu.edu.sg)
    - Business Research Navigator
    - How do I use...
      - Bloomberg
      - Capital IQ
      - Datastream
      - Eikon
      - ...

Our Passion, Our Commitment, Your Advantage
Need more help?

- Email: library@smu.edu.sg
- Walk-in: the Desk at Library Level 2
- Schedule a consultation
- Email me: jxlow@smu.edu.sg
- http://jiaxinlow.youcanbook.me