DATA-PLANET STATISTICAL DATASETS SEARCH GUIDE

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ABOUT DATA-PLANET STATISTICAL DATASETS

• Data-Planet Statistical Datasets is a web-based research solutions tool that provides fast and easy access to more than 52 billion data points from 75+ licensed and public domain datasets within an easy-to-use interface.

• The over 6.2 billion time series in Data-Planet provide immediate access to standardized and structured data presented in charts, maps, graphs, and table form, via multiple points of entry.

DATA-PLANET STATISTICAL DATASETS INTERFACE

The Datasets display is divided into three panels. A short mnemonic for this is I-C-Results, or Indicator, Criteria, Results.

• Select data of interest from the Indicator Panel.
• Select the variables of interest in the Criteria Panel.
• View results in the Results Panel, customizing the display using the black tool bar.
FINDING AND SELECTING DATA

There are multiple ways to find data. You can browse the indicator tree by opening one of the five folders: In the News, Key Economic Indicators, Browse by Subject, Browse by Source, and Overlays. You can also use the search box above the Criteria Panel.
Click on the indicator of interest to select it. To select multiple indicators, hold down the control (Ctrl) key when clicking on the second (or third) item on the indicator tree.

Some datasets have multiple dimensions. In the example below from the Occupational Employment Statistics dataset, you can select the statistic of interest by making selections from the criteria panel for geography, industry and occupation. The chart below ranks the top 10 states with respect to annual mean wage for architectural and engineering occupations. For datasets with longer lists of items in the criteria panel, click on the small magnifying glass in the grey bar above the list of items to search through the list.
SEARCH

Use the search box to query the repository for topics of interest. In the example below, "manufacturing" is entered into the search box. Notice that as you start typing, terms appear in a drop-down box. Any of these can be selected to provoke a search or click on the orange magnifying glass next to the search box.

After you run the search, a listing of results view opens. You can scroll the results to select the indicator of interest, which will retrieve the selected data and chart. You can also filter results by subject terms, source, database that contains the statistic, and geography. Also note the additional options for search above the search box - more on this below.
If you select Advanced Search, you will see options to search by broad category, topic and geography. Data-Planet assigns datasets to 16 broad categories. You can select one of these from the drop-down list in the category search box to narrow your search. Note the type-ahead feature in the topic and geography boxes, which allows you to conduct very precise searches.

Other search options include state and international statistical overviews. Select a nation and then further narrow results using the options to the left of the results list. Below is an example of a search on Brazil from the International Statistical Overviews option:
ABSTRACTS AND CITATIONS

Descriptive information about the statistical indicator(s) selected and the datasets from which they are drawn appear on the screen directly below the visualization. The statistical abstract includes:

- Broad Category(ies): Each indicator and dataset are classified in one or two of 16 broad subject areas.
- Subject Terms: Each indicator is assigned subject terms from the Data-Planet controlled vocabulary of indexing terminology.
- Source: The name of the data provider.
- Dataset Description: Describes the statistical indicator selected.
- Database Description: Describes the larger data series from which the statistical indicator selected is drawn.
- Citation: Presents the preferred citation format for the data visualization and description.
- DOI or Option to Create DOI: DOIs, or Digital Object Identifiers, are used to identify content objects in the digital environment. They provide an actionable, interoperable, persistent link of an object. DOIs make it possible to retrieve an exact replica of the statistical abstract, including the data visualization, at the time the DOI was created. This DOI should be included with the Citation. For more on DOIs, click here.

Source: Xignite

Xignite provides on-demand financial market data covering global equities, commodities, currencies, options, fixed income, mutual funds, derivatives, and OTC (over-the-counter) data. Xignite provides market data for worldwide exchanges.

Dataset: Stock Daily Close from the Worldwide Stock Market Prices Dataset

Reports closing stock price for companies listed on global exchanges. Close refers to the closing price of a given stock at the end of the reference day.

This dataset provides historical prices for equities trading on more than 50 global exchanges, daily open, close, high, low, and volume statistics are reported. Exchanges covered: ASX, BATS, CBOE, Chicago Mercantile Exchange (including GLOBEX), HKEx, NASDAQ, NYSE, NYSE ARCA, NYSE MKT EQUITIES, OMPA, OTCEQ, OTCEQ-PNK MARKETPLACE, OTHER OTCEQ-PNK, Eastern Europe: Budapest, NASDAQ OMX BALTIC (Riga, Tallinn, and Vilnius), Prague, SberRegulated Market-EV, STANDARDCASSICA-PORTS, Warsaw, Western Europe: Athens Exchange S.A. cash market, BMF (Barcelona; Madrid: Valencia), Borsa Italiana – Milan; Irish, London, Euronext, NYSE Euronext (Amsterdam; Brussels; Lisbon, Paris), Switzerland, Germany: Berlin, Dusseldorf, Munich, Stuttgart, Bratislava, Deutsche Boerse AG – Frankfurt, Hamburg, Hannover, XETRA, Europe not elsewhere classified (NEC): Chi-X Europe, NYSE Euronext Cash Markets and Indices, NYSE Euronext LIFFE, SWX Europe; Nordic: NASDAQ OMX NORDIC (Copenhagen, Helsinki, Ireland, Stockholm, Asia-Pacific: Bombay, Hong Kong, KOREA, Korea, Singapore, Shanghai, Shenzhen, Singapore, Taiwan, Tokyo, Australia, Johannesburg, Cana: CANEX, Montreal, Toronto, TSX, TSX Venture, South America: BOVESPA, Lima, Santiago, Middle East: Muscat, Tel Aviv; Australia/New Zealand: ASX, NZX.

Technical Documentation

Citation:


doi:10.6993/DFP14B3D3CD1A911
The statistical abstract and graph may also be exported as a pdf, using the Export icon in the tool bar above the Results Panel.

**MANIPULATING THE DATA**

After selecting the data, you can display that data in a number of ways. By selecting one of the icons in the tool bar above the Results Panel, you can show your data as trends over time, a Map, Pie Chart, or Rank. Availability of chart types will vary by dataset.

Chart Options provides several alternatives for the style of the visualization, depending on whether you have selected Trend, Map, Rank, or Pie Chart. This example shows options for Trend Views:
The **Rank By** option, where available, allows you to choose the criteria for ranking, as in the example below:

The **Show/Hide Data** option allows you the choice of displaying or not displaying data values with the visualization. Another option on the tool bar is the **Calculator** button that allows you to create formulas based on the data values selected and define new columns for displaying the calculated new values. For example, in the infographic below, a new column has been created using the Calculator that shows the difference from prior year in the value of platinum.
To change colors in a chart, click on the variable type displaying below the chart, eg, "Closing Value" in the example above. A tool opens up that allows you to change the line color. Other methods of customizing your data views include modifying which criteria you display by selecting specific time periods and variables in the Criteria Panel.

**EXPORTING THE DATA**

**Output Types**

There are many ways to deliver data from Data-Planet Statistical Datasets using the Export button located on the menu bar.

The options allow you to export data for manipulation in other programs, infographics for use in work products, DOIs to save or send links to the data and data views, bibliographic citations that describe the dataset and indicator, and more. Citations can also be exported directly to RefWorks and Endnote.

**Export Data**

If you want data you can manipulate using external software programs, there are several options: Excel, Delimited Text, SAS and XML. All of these options allow users to download the data into different programs (spreadsheets and a statistical software package) and manipulate it there. If you have used the Calculator feature to create formulas for additional data points, these data points are downloaded, as well.

The option to download to a Shapefile allows users to export the map information to software that displays maps to ESRI requirements.

**Export Infographics**

PDF exports the data visualization, data column list where displayed, and the statistical abstract describing the data view to a PDF file.

**Reference Manager Exports**

RefWorks and Endnote Export formats the bibliographic citations for export to the citation management programs. Note that these formats will require manual intervention to properly format for the style manual you are using. See [http://data-planet.libguides.com/datacitation](http://data-planet.libguides.com/datacitation) for more information.
MAPPING

Data-Planet Statistical Datasets comes with a robust - and easy - mapping feature. Mapping is available for the world, US, states, counties, block groups, and more. Availability of mapping is dependent on the level of geography available for the data.
Mousing over a map, you can see the data associated with the area.
To create a map of your data, click on the Map icon on the menu bar:

To export the map (and the data associated with the geographic area), use the Shapefile export option on the Export menu. This will export the information to a GIS-usable file that you can use in other mapping software.