

KBL Resource Guide: DATASTREAM ADVANCED 4.0

What is DATASTREAM?

Introduction

Datastream Advance provides current and historical time series data on stocks, stock indices, futures, interest rates, commodities, derivatives, exchange rates and economic indicators. Coverage varies depending on the series. Most market data is available on a daily basis; and most economic data is available monthly or quarterly.

How do I get onto Datastream?

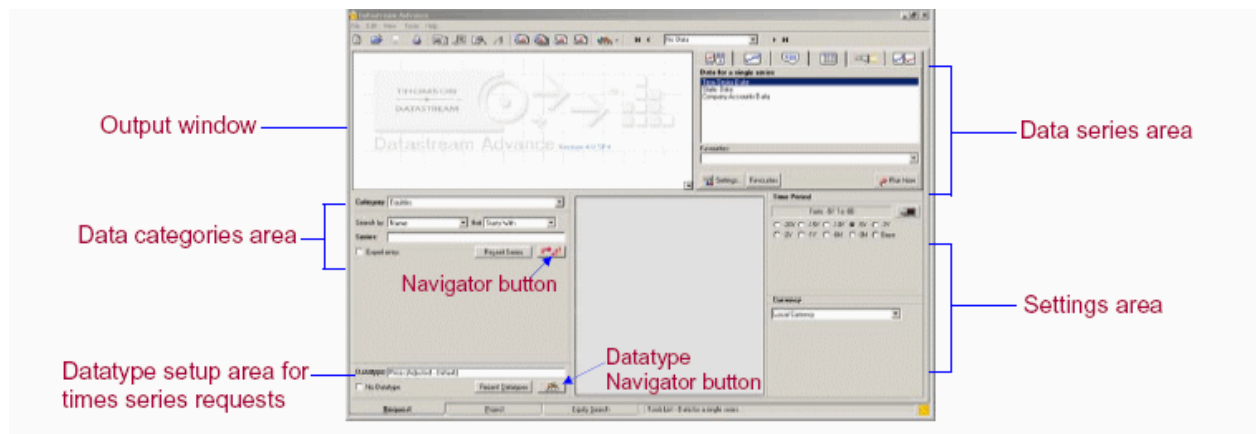
Access

Datastream is available on site at the Kopolow Library. There is no remote access on this service. During the day, access is limited to two users; evening and weekend usage is unlimited.


The icon for Datastream Advance should be on the desktop. If you prefer, you can find it in the start menu under programs>library programs>Datastream Advanced 4.0. If you're still unsure, just ask any of the library staff for help.

How do I search on Datastream Advance?

The Datastream Advance desktop is divided into distinctive areas as shown on the figure below, where you set your selections and run searches. The output results come in report, graph, or data format depending on your preference or type of values:



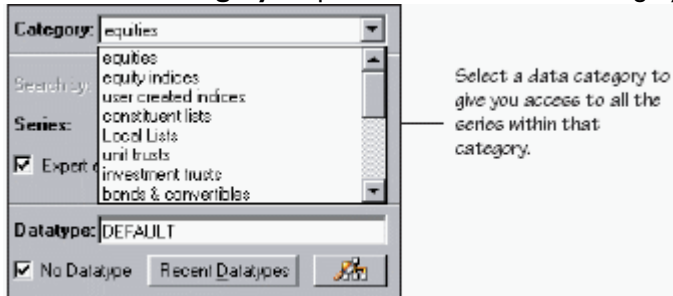
(Retrieved from <http://library.nyu.edu/research/bus-int/datastream.html>)

The key searching feature to identify your series is the Navigator button 

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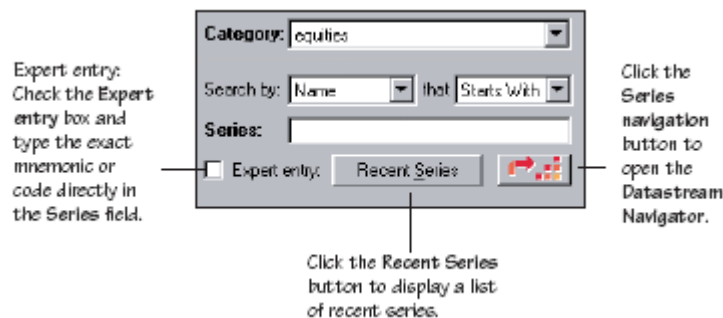
General Search Instructions

1. Click the **Category** drop down box and select a category from the list displayed



(Retrieved from http://bib.kuleuven.be/etew/data/handleidingen/datastream_quick.pdf)

2a. Click the **Series Navigation Button**  to find and select your series



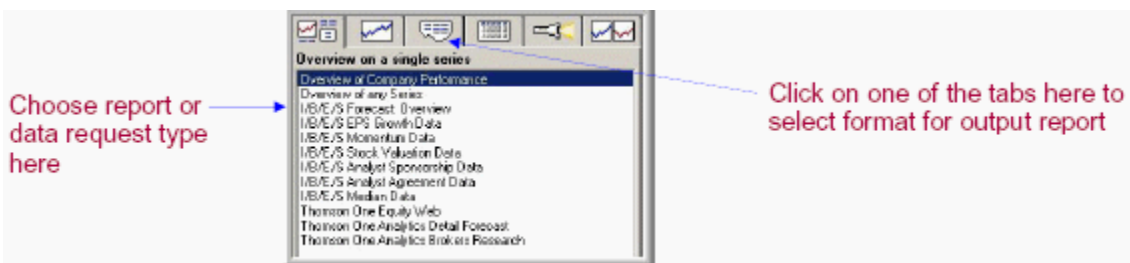
(Retrieved from http://bib.kuleuven.be/etew/data/handleidingen/datastream_quick.pdf)

2b. In the Navigator window, enter your search criteria in the appropriate box(es); click **Search**

Data Category: Equities 



3. From the icon bar, select format for your output results and choose report type for your series



(Retrieved from <http://library.nyu.edu/research/bus-int/datastream.html>)

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Overview of a single series. Includes a list of preformatted reports available for most of the data categories: equity, commodity, warrant, trust, and bonds from different sources,



Chart of a single series. Select from the list of available charts, e.g. Line chart, Moving Average Chart, Price and Volume Chart etc.



Report of a single series.



Data for a single series (in spreadsheet format). Select time series, static data, and company accounts data reports. Customize reports with additional criteria. All reports can be exported to Excel spreadsheet.

4. Select dates, frequency, & currency in the **Settings** area

Click here to select frequency for time series data, e.g. daily, weekly etc. For static requests, select datatype here.

Click in a circle to select relative dates, e.g. latest year, last 6 months (-6M)


Click here to run request

Click here to select a fixed date or range of dates

(Retrieved from <http://library.nyu.edu/research/bus-int/datastream.html>)

5. If you have chosen a Data Request (for Time Series), and you wish to choose a Datatype other than the Default, select Datatype in the Datatype Area

Click the Datatype Navigation button to display Navigator.

Find the Datatype for your series by clicking onto the Datatype Navigation button 

Datatypes are grouped by their types and sources, e.g. from the drop down list in the **Type** box you can select **Static** or **Time Series**; in the **Group** box, you can select **Key Datatypes**. To broaden your search, select **All** in both or either category. In addition, you can use the drop down lists in the **Find** section of the screen. Enter the name or the code (depending on your setting) in the **Find** text box. Once you have specified your search criteria, click the **Search**. To add datatype to your request, click on the mnemonic link from the list of matching entries.

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Data Category: [Equities](#)

Type Group

Find

Name	Mnemonic	Group
 Dividend Yield	DY	Key Datatypes
 Dividend Yield (MSCI)	MSDY	Key Datatypes
 Dividends Per Share	DPS	Key Datatypes


6. To run your request, click on the **Run Now** icon in the Settings Area
Your results will show up in the Output Window.



Sample Searches...


Historical Stock Prices:

Find the monthly stock price for Hewlett Packard for the past 5 years.



1. In **Category**, select Equities. Enter *Hewlett* in the **Series** box.
2. Click the **Navigator** button.
3. Click the **U: HPQ** from the series list.
4. Click the  button and highlight **Time Series Data**.
5. Click the **Settings** button. Move the frequency bar to **Monthly**. Click **OK**.
6. Select **-5Y** to get the daily rate for the last 5 years.
7. Click the **Run Now** button. The results will display in the **Output Window**.
8. View, print or export the results

Historical Equity Indices

Find the weekly Total Return Index for the Standard & Poor's 500 composite for the past 8 years.

1. In **Category**, select Equities **Indices**.
2. Click the **Navigator** button.
3. Enter **S&P 500 Composite** in the **Name** box; click **Search**; click **S&PCOMP** from the series list.
4. Click the  button and highlight **Time Series Data**.
5. Click the **Settings** button. Move the frequency bar to **Weekly**. Click **OK**.



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6. Click the  button; click the **Relative** radio button; choose **-8**; click **OK**.
7. At the **Datatype** window, click ; choose **Equity Indices** from the Category box.
8. Click on **RI** (Total Return Index) on the resulting list
9. Click the **Run Now** button. The results will display in the **Output Window**.
10. View, print or export the results

How do I Print and Download my results?

To **Save & Export results**, click the icons from the top icon bar to export results to Excel or to save results as file.



- b.  Save as Excel file to desktop
- c.  Export to Excel
- d. Alternatively, select **Tools>Transfer> Excel** from the Top Menu

(Adapted from the following web guides:

<http://wesley.stanford.edu/library/articles/databases/dbguides/Datastream.pdf> ;

www.library.ubc.ca/lam/Datastream_handout.doc

<http://library.nyu.edu/research/bus-int/datastream.html>)