Datastream Advance 5.1 User Guide
DCU Library
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What is Datastream?

Datastream is a financial and economic information database. It covers financial instruments, securities and indicators for over 140 countries and 60 markets, spanning 30 years, or more for some series.

Coverage

For detailed information on Datastream’s sources, open Datastream (click on the Advance 5.1 icon on the Desktop of a designated PC) and click on Content Factsheets:
Where is Datastream available in DCU?

Users can only access Datastream on DCU PCs with the Datastream software installed. It cannot be accessed off-campus. Datastream is installed on the following DCU computers:

- One PC in the Glasnevin Library. Access available to all DCU users. Further details on the next page.

Staff can install Datastream on their office PC. Contact ISS to request this.

Restriction on access

Under the terms of our licence, Datastream can only be used by current staff and students – no access for visitors, alumni etc.

**Access in DCU is restricted to one concurrent user**, i.e. only one person at a time in DCU can use it. You may occasionally get an error message telling you that access is denied because of this:

All you can do when this happens is try again later or use it at off-peak times.

Please close Datastream as soon as you are finished using it so others in DCU can get access.
How to access Datastream in DCU Glasnevin library

1. Ask the Library information desk for the current password. You may be asked to show your DCU staff/student card as under the terms of our Datastream licence we can only allow access to current staff and students - no access for visitors, alumni etc

2. Booting up: switch on the designated Datastream PC on the first floor. You’ll be prompted to “Enter Password”.
   
   *No text will appear as you type - this is normal - the keyboard is not broken!*

3. To start using Datastream, either click on the Advance 5.1 icon on the Desktop or open Microsoft Excel and click on the Datastream ribbon.

Saving data: when you’re finished using Datastream you can save data onto a memory stick or email it to yourself. This computer does not connect to your personal H: drive on the DCU network.
Simple searches 1: compare share prices for Google and Facebook over time

1. Open Microsoft Excel on a PC with Datastream installed on it.

2. Click on the DataStream ribbon > Time Series Request:

3. First we need to find FaceBook and Google shares, so click on Find Series:

4. Search for Facebook:
5. You’ll get a number of FaceBook share types from different exchanges. Hover the mouse over them and further details on each will appear at the bottom of the screen. We’re going to choose FaceBook Class A shares so click on the @FB code:

![Facebook Class A Shares]

The @FB code will appear on your search box like this:

![Time Series Request]

6. Next you need to add the code for Google Class A shares so click on Find Series again and repeat the above steps. When you’re finished, it should look like this:

![Series/Lists: Google Class A Shares]

![Display Data as MSChart]
7. Next we can specify what information about the shares we want. Datastream selects share price by default so in this example we don’t need to do anything, but if you want any other information, such as market value or price/earnings ratio, click on Datatypes for a searchable list of all the options:

8. Currency: by default you will get the local currency. In this example, both shares are sold on NASDAQ, so this will be US dollars. Click on the currency symbol if you want to change this:

9. Specify the date range. In this example, we’ll ask for daily prices from the start of the current year to present:

10. That’s it. Now click on Submit and your data will appear in a spreadsheet:
Simple searches 2: get prices for all companies on Irish stock exchange

1. Open Microsoft Excel on a PC with Datastream installed on it.

2. Click on the DataStream ribbon > Time Series Request:

3. First we need to find the list for the Irish Stock Exchange, so click on Find Series:

4. Search for Ireland:

5. Click on Constituent Lists:
6. Click on the code for the Irish Stock Exchange:

The code will appear in your search box like this:

![Image of search box with code]

7. By default your search will show the share price for each company, but if you want any other information, such as market value or price/earnings ratio, click on Datatypes for a searchable list of all the options:

![Image of datatypes]

8. Specify the date range. In this example, we’ll ask for daily figures from the start of the current week:

![Image of date range selection]

9. That’s it. Now click on Submit and your data will appear in a spreadsheet:

![Image of spreadsheet data]
Simple searches 3: unemployment rates for Ireland over time

1. Open Microsoft Excel on a PC with Datastream installed on it and click on the DataStream ribbon > Time Series Request:

2. Click on Find Series:

3. Search for **unemployment Ireland**:
4. Your search results will show you the different statistics available. Hover your mouse over them and definitions and further details will be displayed at the bottom of the screen.

<table>
<thead>
<tr>
<th>Name</th>
<th>Symbol</th>
<th>Hist.</th>
<th>Market</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>STANDARDISED UNEMPLOYMENT RATE (LFS)</td>
<td>IRUN%TOTQ</td>
<td>3Y</td>
<td>Ireland</td>
<td>Central</td>
</tr>
<tr>
<td>UNEMPLOYMENT RATE</td>
<td>IRUN%TOTR</td>
<td>15Y</td>
<td>Ireland</td>
<td>Central</td>
</tr>
<tr>
<td>UNEMPLOYED (LFS)</td>
<td>IRUNPTOT</td>
<td>15Y</td>
<td>Ireland</td>
<td>Central</td>
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<tr>
<td>UNEMPLOYMENT (LFS)</td>
<td>IRUNPTOTP</td>
<td>15Y</td>
<td>Ireland</td>
<td>Central</td>
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<tr>
<td>TOTAL CIVILIAN EMPLOYMENT (SEE IRUNPTOT)</td>
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<td>15Y</td>
<td>Ireland</td>
<td>Central</td>
</tr>
<tr>
<td>UNEMPLOYMENT CHANGE</td>
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<td>47Y</td>
<td>Ireland</td>
<td>Central</td>
</tr>
<tr>
<td>LONG-TERM UNEMPLOYMENT RATE</td>
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<tr>
<td>UNEMPLOYED FEMALES - CHANGE</td>
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<td>Ireland</td>
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<tr>
<td>UNEMPLOYED MALES - CHANGE</td>
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<td>Ireland</td>
<td>Central</td>
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<tr>
<td>UNEMPLOYMENT RATE</td>
<td>IRUN%TOTQ</td>
<td>15Y</td>
<td>Ireland</td>
<td>Central</td>
</tr>
</tbody>
</table>

Explore more results like these: National Sources = Ireland, Labour Market, Workforce, Unemployment, Labour Force Survey, Workforce Status.

We're going to choose STANDARDISED UNEMPLOYMENT RATE (LFS) so click on the code for it - IRUN%TOTQ. It will appear in your search box like this:

5. Define the date range. In this example, we will request the monthly figures from 2000 to present:

<table>
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<th>Start Date</th>
<th>Frequency</th>
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<tr>
<td>01/01/2000</td>
<td>Monthly</td>
</tr>
<tr>
<td>End Date</td>
<td></td>
</tr>
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</table>
6. That's it. Now click on Submit and your data will appear in a spreadsheet:

<table>
<thead>
<tr>
<th></th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
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<tbody>
<tr>
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<tr>
<td>2</td>
<td>Code</td>
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<td></td>
<td></td>
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<td></td>
</tr>
<tr>
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<td>15/01/2000</td>
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<td></td>
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</tr>
</tbody>
</table>
What datatypes are available for my chosen series?

When you are choosing a series using the Navigator, click on the title:

![Chart with series information]

…and details about the series will appear below. Hover your mouse over the tabs under the chart to see the datatypes available:
How do I cite and reference information from Datastream?

For instructions go to the DCU Library Citing and Referencing Guide and click on Source Types > Company Information and Financial Data.

Further help

For more detailed instructions you can find a user guide via Microsoft Excel (only on PCs with Datastream installed):

If there’s a problem with access: contact the DCU Business Librarian.

For advanced queries: you can phone the Datastream UK help desk from a phone at the Library’s information desk – 0044 20 3229 0644. The phone is some distance from the Datastream PC so can ask the Datastream person to call you back on your mobile phone. You will be doing this in the silent study area on the first floor so please keep try to minimise the noise.