

Guide to accessing international macro data using Beyond 20/20 Web Data Server: IMF Direction of Trade Statistics

ESDS International at Mimas, University of Manchester provides support for and access to the key international datasets produced by Inter-Governmental organisations such as the International Monetary Fund (IMF). The data is accessed via the delivery software Beyond 20/20 Web Data Server (WDS) and is freely available to UK FE and HE.

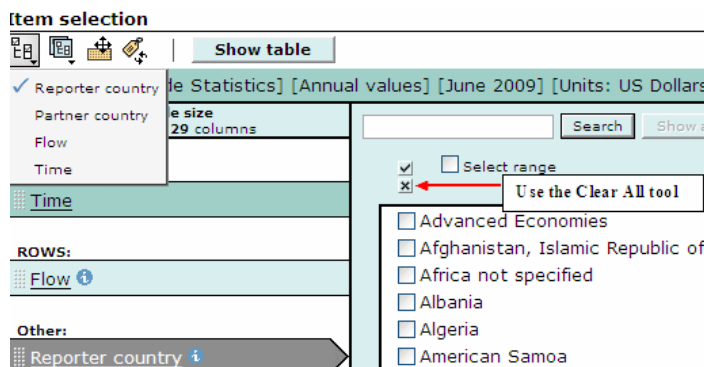
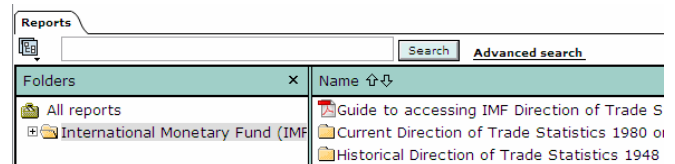
This guide is intended to introduce you to Beyond 20/20 WDS by carrying out a simple research task. The task is: to visualise and download figures showing the value of US exports to Iraq from 1988 to 2003 using the IMF's Direction of Trade Statistics (DOTS).

Stage 1: Finding and selecting your data

Choose IMF DOTS data from the Direct Links to data drop down list on the ESDS International website. Alternatively use http://esds.mcc.ac.uk/wds_dots/

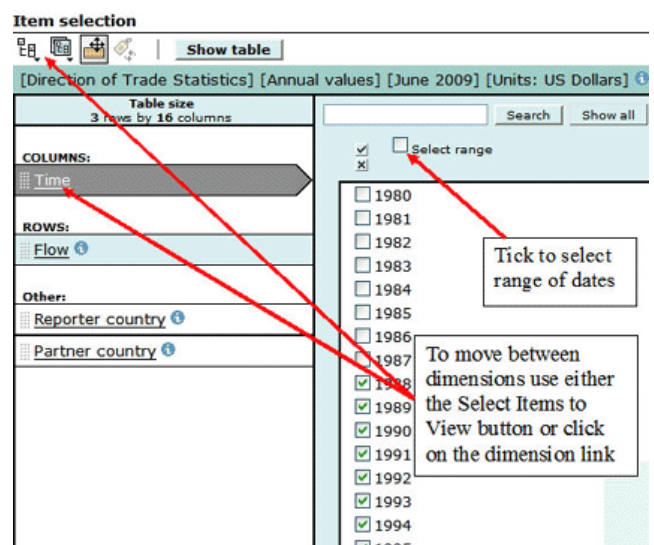
Input UK HE/FE Institutional username and password in the login window. (Note: You will be re-directed to online ESDS registration and special conditions if not yet completed).

In the opening Reports screen expand the International Monetary Fund (IMF) folder then open the Current Direction of Trade Statistics 1980 onwards folder then select the DOTS Annual <month> <year> report.



Use the **Select Items to View** option from the toolbar and select **Reporter Country**. Use the **Clear All [x]** tool and scroll down the list to select **United States**.

Move to the next dimension **Partner Country** via the **Select Items to View** option. Select **Iraq** by repeating the steps used for **Reporter Country**.



Move to the next dimension **Time** by either using the **Select Items to View** icon then choosing **Time** or by clicking the **Time** dimension name under the **Columns** heading.

Use the **Clear All** tool, then tick **Select Range** and click on **1988** tick box followed by **2003** tick box. This will select all years within the range specified, i.e. the fifteen year period from 1988 to 2003.

Click on the **Flow** dimension name under the **Rows** heading. Use the **Clear All** tool then tick **Exports** to select the desired **Flow**.

You have now completed the Finding and Selecting data stage and can move on to visualising your data.

Stage 2: Visualising the data

Use the **Show table** tool at the top of the screen to view the report in table format.

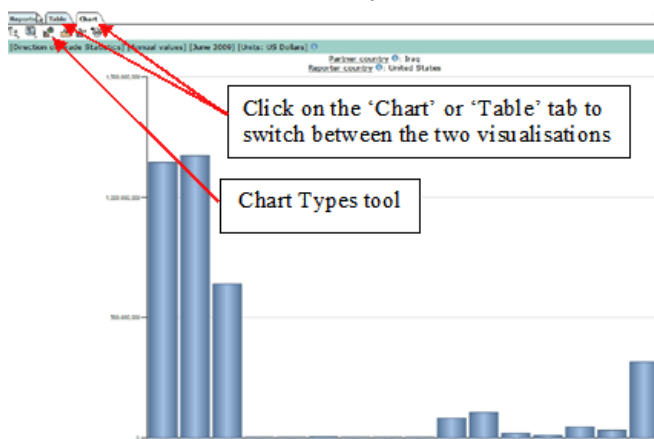
Drag and drop dimension headings to alter the format of the report and display dimension headings as follows:

Columns: Year
Rows: Series

Time	1988	1989	1990	1991	1992	1993
Flow	↑↓	↑↓	↑↓	↑↓	↑↓	↑↓
Exports	1,145,500,000	1,173,530,000	639,700,000	200,000	400,000	4,100,000

Tip: You can also change the layout of the report by using the **Set Dimension Order** icon at the top of the screen.

Click on the **Chart** tab at the top of the screen to view the report in chart format.



To change the chart type use the **Chart Types** tool at the top left of the screen.

Use **Alt + Print Screen** to save the chart image as right clicking to 'Save picture as' only saves the chart itself and not the chart key or heading.

Tip: The layout i.e. row, column configuration and content is downloaded exactly as it appears on screen so manipulate the data prior to download

Stage 3: Downloading the data:

The report must be table format to download to your pc. Click the **Table** tab at the top of the screen to return to table view.

Use the **Download** tool in the toolbar to download report data and select your desired download format -*.ivt, *.csv, or *.xls.

Congratulations! You have completed the ESDS International introductory worksheet for Beyond 20/20 WDS using IMF DOTS. Now you are ready to further explore the functionality of Beyond 20/20 WDS for extracting, manipulating and visualising international data. If you have any queries or feedback, please contact us on international@esds.ac.uk

For further information on the topical and geographical coverage of the IMF DOTS -please view our comprehensive dataset user guide on the ESDS International website under **Support > User Guides**

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