



# International macrodata workbook

## Accessing the IMF Direction of Trade Statistics using UKDS.Stat

This task is to use the IMF Direction of Trade Statistics to extract the value of imports and exports from the UK to individual countries between 2000 and 2016.

### Stage 1: Accessing UKDS.Stat

UKDS.Stat contains all of the international macrodata, and can be found from the main website, or by going directly to: <http://stats.ukdataservice.ac.uk/>

Using the left hand menu Select:

- International Monetary Fund > Direction of Trade Statistics

When you first open the database, you will see some data preselected, but this can be changed

### Stage 2: Selecting data

You can change the selection of data (ie reporter country, partner country, flow, frequency, and time, by clicking on each dimension name. Select the following:

- **Reporter country:** United Kingdom
- **Flow:** "Goods, Value of Imports..." and "Goods, Value of Imports..."
- **Time:** Change to 2000-2016
- You can leave "Partner country" and "Frequency" to the default which will be everything selected

Partner Country	2010	2011	2012	2013	2014	2015	2016
Advanced Economies	220 730 134 029.112	202 955 627 217.504	190 755 013 737.706	205 740 447 819.119	240 724 030 440.206	200 235 500 870.293	200 350 044 212.756
Afghanistan	3 282 039 239.5324	4 342 207 387.73512	2 804 197 169.30961	2 106 960 333.02307	1 350 792 275.95044	872 504 931.338119	1 295 820 195.40697
Africa	-58 151 295 208.1274	-89 901 042 139.2506	-82 850 089 592.7793	-43 742 481 187.930	-25 727 018 419.1187	4 710 235 595.04219	7 655 073 783.0976

### Stage 2: Metadata

Where possible we include the metadata with the data

A small, red 'i' icon indicates summary information about the characteristics and the source of the data is usually available. If you click the 'i' icon next to the dataset title you will find information generally about the dataset such as how to cite the data as below. There can be other red 'i' icons for particular countries or series depending on availability.

Partner Country	2010	2011	2012	2013	2014	2015	2016
Advanced Economies	220 730 134 029.112	202 955 627 217.504	190 755 013 737.706	205 740 447 819.119	240 724 030 440.206	200 235 500 870.293	200 350 044 212.756
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### Stage 3: Visualising

Have a play with the different visualisations. Mapping will not work with all datasets.

### Stage 3: Changing layout

You can change the dimensions of the data, for example so you can see both the figures of imports and exports at once. Go to:

**Customise > Layout** and for example drag **Flow** to the **Row** box

The table should now change to look like this:

Requester Country		United Kingdom										
Frequency		Annual										
Total		2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
- Purchase Country -> Flow												
Advanced Economies	Goods, Value of Imports, Cost, Insurance, Freight (CIF), US Dollars	276 079 902 845 621	284 358 720 713 936	276 130 888 626 075	310 946 152 791 629	362 070 203 047 467	371 886 911 233 000	416 726 441 850 796	484 251 710 146 919	475 977 261 767 908	368 426 940 114 091	467
	Goods, Value of Exports, Free on Board (FOB), US Dollars	243 763 886 713 501	233 450 476 971 891	241 063 254 222 264	236 667 776 150 110	290 787 293 161 630	313 213 328 901 463	387 889 634 824 761	381 622 311 927 627	386 493 280 961 163	273 574 744 983 354	316
Alphabetic	Goods, Value of Imports, Cost, Insurance, Freight (CIF), US Dollars	14 967 257 203	4 426 613 284	448 791 302	1 091 445 54	3 054 725 893	1 629 216 91	796 587 679	969 899 251	2 340 857 202	1 779 681 630	
	Goods, Value of Exports, Free on Board (FOB), US Dollars	6 840 636 08	6 470 376 242	4 288 696 822	16 628 926 086	26 762 247 226	25 167 468 187	37 676 234 681	73 171 268 841	125 223 868 616	123 619 660 19	
Africa	Goods, Value of Imports, Cost, Insurance	6 629 734 596 465	16 426 439 318 887	11 174 739 923 957	12 696 027 626 462	14 168 744 841 22	14 386 422 953 674	17 623 442 547 845	18 154 948 327 161	21 468 418 702 709	17 642 070 272 000	16

### Stage 4: Downloading the data

Once you have the data in the format you require, click on 'Export' on the top of the page and select your desired download format. The rest of the process is the same as downloading any file from the web.