



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, Cost, Insurance, Freight (CIF)..." and "Goods, Value of Exports, Free on board (FOB)..."
- 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	220 736 134 028 112	282 955 627 217 504	199 755 013 737 706	265 740 447 619 119	246 724 630 440 206	200 235 500 870 293	200 350 844 212 756
Afghanistan	3 282 839 239 5324	4 342 207 387 73512	2 894 197 169 30961	2 106 960 333 02307	1 356 792 275 95044	872 594 931 336119	1 295 820 195 40697
Africa	-58 151 295 288 1274	-89 901 842 139 2596	-82 850 089 592 7793	-43 742 461 167 938	-25 727 018 419 1187	4 710 235 595 84219	7 655 973 783 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.

Direction of Trade Statistics - July 2017 ⁱ

Did you know ... how to change the layout in UKDS.Stat? https://youtu.be/_Zx50aG8Q3s

Customise Export Draw Chart My Queries

Reporter Country: Advanced Economies

Flow: Goods, Value of Trade Balance, US Dollars

Frequency: Annual

Time: 2010 2011 2012 2013 2014 2015 2016

Partner Country	2010	2011	2012	2013	2014	2015	2016
Advanced Economies	220 738 134 029 112	282 955 627 217 504	198 755 013 737 706	265 740 447 819 119	248 724 630 440 206	200 235 500 870 293	200 350 844 212 756
Afghanistan	3 282 839 239 5324	4 342 207 387 73512	2 884 197 169 38961	2 186 960 333 82307	1 356 792 275 95044	872 504 931 338119	1 295 820 195 40697
Africa	-58 151 295 288 1274	-89 901 842 139 2596	-82 850 089 592 7793	-43 742 451 167 938	-25 727 018 419 1187	4 710 235 595 84219	7 655 073 783 0976

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:

Reporter Country		United Kingdom										
Frequency		Annual										
Time		2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	
Partner Country	Flow											
Advanced Economies	Goods, Value of Imports, Cost, Insurance, Freight (CIF), US Dollars	275 079 992 440 531	264 359 720 733 938	276 130 866 928 073	310 946 153 761 629	362 870 283 047 407	371 860 931 233 885	418 726 441 858 796	464 201 715 146 919	475 977 301 767 956	368 428 540 114 091	407
	Goods, Value of Exports, Free on board (FOB), US Dollars	243 763 865 113 501	233 450 470 971 651	241 063 254 222 264	256 887 775 158 118	290 707 293 165 839	313 213 320 901 483	367 599 634 924 75	351 022 311 927 627	365 493 280 981 163	273 574 744 883 304	315
Afghanistan	Goods, Value of Imports, Cost, Insurance, Freight (CIF), US Dollars	14 967 257 203	4 425 613 284	448 791 382	1 101 445 54	3 584 725 893	1 029 218 91	796 597 076	980 909 251	2 340 857 203	1 775 681 838	
	Goods, Value of Exports, Free on board (FOB), US Dollars	5 048 635 06	5 472 376 242	4 286 695 832	15 839 925 086	25 702 247 229	25 167 469 197	37 970 234 681	73 171 269 841	125 333 959 616	123 619 860 59	
Africa	Goods, Value of Imports, Cost, Insurance,	8 528 734 896 405	10 428 458 318 881	11 174 739 803 957	12 696 837 526 492	14 188 744 641 22	14 890 402 953 674	17 623 440 541 845	18 154 949 327 161	21 468 419 782 709	17 643 070 272 008	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.