ESDS International

» Part of wider ESDS
  › Provides socio economic international data to UK Academic Community
  › High quality IGO data (IMF, OECD, IEA, UN).
  › User focused - facilitates research
Data deluge

Image: Creative Commons licence:
http://www.flickr.com/photos/mal-b/5793648069/
More scientific methods

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http://www.flickr.com/photos/ugacommunications/6074391204/
Difficult to locate
Climategate

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Climategate graph

Image from:
Investigative work

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No standards
DataCite

DataCite
Creating a global citation framework for data

www.datacite.org
support@datacite.org
Our approach

» Provide a path to the data:
  › Use DataCite citation format recommendations
  › Core metadata properties
  › Persistent Identifier (DOI)
  › Integrate into data delivery system
Granularity

Image: Creative Commons licence: http://www.flickr.com/photos/meganpru/3286322247/
When to assign a new DOI?
Example citation


» Core metadata properties:
› **Creator** - International Monetary Fund (2011)
› **Title** - Direction of Trade Statistics (Edition: September 2011).
› **Publisher** - ESDS International, University of Manchester
› **Publication year** – 2011
International Energy Agency Energy Prices and Taxes at ESDS International

Title: International Energy Agency Energy Prices and Taxes, 1978 -

Access data: http://esds80.mcc.ac.uk/wds_iea/ (See Access Conditions below)


Alternative link: 10.1787/eneprice-data-en (to access via OECD iLibrary)

Edition: You will be able to access the most recent edition of the International Energy Agency Energy Prices and Taxes at ESDS International. If you wish to access a previous edition of the data, please contact the ESDS International team directly at international@esds.ac.uk.

Creator: International Energy Agency

Publisher: ESDS International

Abstract: This database contains a major international compilation of energy prices at all market levels: import prices, industry prices and consumer prices. The statistics cover import costs and export prices of main petroleum products, natural gas and coal in OECD countries. End-user prices and taxes for selected petroleum, gas and coal products as well as for electricity are provided for industry, electricity generation and households for OECD countries and a selection of non-OECD countries. Full notes on sources and methods and a description of price mechanisms in each country are included. Time series availability varies with each data series. In general, end-user prices and taxes start in 1978, import costs in 1980 and prices in 1982. This data has been updated by the OECD in Summer 2012. Details of each
### Direction of Trade Statistics

**Monthly values [May 2012]**  
**Units: US Dollars**

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ESDS International, University of Manchester.  
DOI: [http://dx.doi.org/10.5257/imf/dots/2012-05](http://dx.doi.org/10.5257/imf/dots/2012-05)
Future work

» Access to previous editions
» Linking DOIs
» Data publishers
Further information:

- Launch of integrated data citation tool: www.esds.ac.uk/international/news/news.asp#21sep11
- Guide to citing international data: www.esds.ac.uk/international/support/user_guides/citation/citation.asp

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