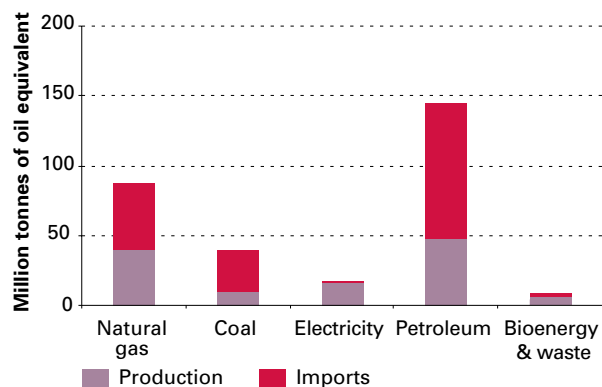
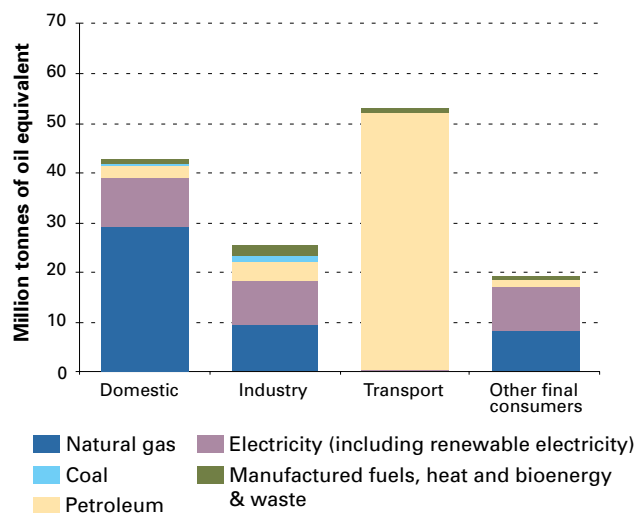


## Indigenous production and imports in 2012



Final consumption, including non-energy use, at 148.2 million tonnes of oil equivalent in 2012 was 2.4 million tonnes higher than final consumption in 2011, reflecting colder temperatures. The transport sector consumed 36 per cent of all of the energy consumed in the UK while the domestic and industrial sectors accounted for 29 per cent and 17 per cent respectively.

## Final energy consumption in 2012



More detailed flow charts are available by fuel at [www.gov.uk/government/organisations/department-of-energy-climate-change/series/digest-of-uk-energy-statistics-dukes](http://www.gov.uk/government/organisations/department-of-energy-climate-change/series/digest-of-uk-energy-statistics-dukes) (see Annex H).



Department  
of Energy &  
Climate Change



# Energy Flow Chart 2012

This chart updates the last energy flow chart which showed data for 2011. It is based on statistics taken from the Digest of United Kingdom Energy Statistics 2013, Table 1.1 – Energy Balance 2012. The flow chart is a simplification of these figures, illustrating the flow of primary fuels from the point at which they become available from home production or imports (on the left) to their eventual final uses (on the right). They are shown in their original state and after being converted into different kinds of energy by the secondary fuel producers. The flows are measured in million tonnes of oil equivalent, with the widths of the bands approximately proportional to the size of the flow they represent.

In 2012 indigenous production and imports totalled 295.9 million tonnes of oil equivalent. Just over 28 per cent of this energy was exported or used in marine bunkers. A further 17 per cent was lost in converting primary energy into electricity and other energy products, with 6 per cent taken up by energy industry own use and through distribution losses. Final consumption of energy, including non-energy use, accounted for 148.2 million tonnes of oil equivalent.

## Digest of UK Energy Statistics

- An annual publication which includes tables, charts and commentary covering all the major aspects of energy, it provides a detailed and comprehensive picture of fuel production and consumption during the last three years.
- The Digest is also available on the Internet. This includes some additional information including data (available in MS Excel format) from earlier years which are not contained in the printed copy publication.

Available from The Stationery Office  
(0870 600 5522) or

[www.gov.uk/government/organisations/department-of-energy-climate-change/series/digest-of-uk-energy-statistics-dukes](http://www.gov.uk/government/organisations/department-of-energy-climate-change/series/digest-of-uk-energy-statistics-dukes)



## UK Energy Sector Indicators

- An annual internet only publication containing numerous charts designed to show the extent to which secure, diverse and sustainable supplies of energy to UK businesses and consumers, at competitive prices, are ensured.

Statistical information is available in MS Excel format.

[www.gov.uk/government/organisations/department-of-energy-climate-change/series/uk-energy-sector-indicators](http://www.gov.uk/government/organisations/department-of-energy-climate-change/series/uk-energy-sector-indicators)

## Statistics by Energy Source in MS Excel format

- DECC posts Energy statistical information on a monthly, quarterly and annual basis by energy source. All of these statistics are produced in MS Excel format

[www.gov.uk/government/organisations/department-of-energy-climate-change/about/statistics](http://www.gov.uk/government/organisations/department-of-energy-climate-change/about/statistics)

## UK Energy in Brief

- An annual publication summarising the latest statistics on energy production, consumption, prices and climate change in the UK.

Available free from DECC (0300 068 5056).

[www.gov.uk/government/organisations/department-of-energy-climate-change/series/uk-energy-in-brief](http://www.gov.uk/government/organisations/department-of-energy-climate-change/series/uk-energy-in-brief)



## Energy Trends

- A quarterly publication which includes tables, charts and commentary covering all the major aspects of energy, it provides a comprehensive picture of energy production and use.

Available on subscription (together with Quarterly Energy Prices) from DECC (0300 068 5041).

[www.gov.uk/government/organisations/department-of-energy-climate-change/series/energy-trends](http://www.gov.uk/government/organisations/department-of-energy-climate-change/series/energy-trends)



## Quarterly Energy Prices

- A quarterly publication containing tables, charts and commentary, covering energy prices to domestic and industrial consumers for all the major fuels, as well as presenting comparisons of fuel prices in the European Union and G7 countries.

Available on subscription (together with Energy Trends) from DECC (0300 068 5041).

[www.gov.uk/government/organisations/department-of-energy-climate-change/series/quarterly-energy-prices](http://www.gov.uk/government/organisations/department-of-energy-climate-change/series/quarterly-energy-prices)



## Energy Consumption in the United Kingdom

- An annual internet only publication which brings together statistics from a variety of sources to produce a comprehensive review of energy consumption and changes in efficiency, intensity and output since the 1970s, with a particular focus on trends since 1990.

Statistical information is available in MS Excel format.

[www.gov.uk/government/organisations/department-of-energy-climate-change/series/energy-consumption-in-the-uk](http://www.gov.uk/government/organisations/department-of-energy-climate-change/series/energy-consumption-in-the-uk)

## Sub-National Energy Consumption

- DECC has developed a suite of regional and local area datasets covering electricity, gas, road transport fuels, residual fuels and total energy consumption. All of these statistics are produced in MS Excel format

[www.gov.uk/government/organisations/department-of-energy-climate-change/about/statistics](http://www.gov.uk/government/organisations/department-of-energy-climate-change/about/statistics)

## National Energy Efficiency Data-framework (NEED)

- The National Energy Efficiency Data-Framework (NEED) was set up by DECC to provide a better understanding of energy use and energy efficiency in domestic and non-domestic buildings in Great Britain. The data framework matches gas and electricity consumption data with information on energy efficiency measures installed in homes. It also includes data about property attributes and household characteristics.

[www.gov.uk/government/organisations/department-of-energy-climate-change/series/national-energy-efficiency-data-need-framework](http://www.gov.uk/government/organisations/department-of-energy-climate-change/series/national-energy-efficiency-data-need-framework)

## Annual Report on Fuel Poverty Statistics

- An annual internet only report, published separately from the UK Fuel Poverty Strategy Annual Progress Report, detailing the latest statistics on fuel poverty.

[www.gov.uk/government/organisations/department-of-energy-climate-change/series/fuel-poverty-statistics](http://www.gov.uk/government/organisations/department-of-energy-climate-change/series/fuel-poverty-statistics)

## Climate Change

- DECC publishes annual UK emissions statistics both at national and local authority level.

Statistical information is available in MS Excel format.

[www.gov.uk/government/organisations/department-of-energy-climate-change/series/uk-greenhouse-gas-emissions](http://www.gov.uk/government/organisations/department-of-energy-climate-change/series/uk-greenhouse-gas-emissions)

## Green Deal and Energy Company Obligation Statistics

- DECC publishes monthly and quarterly statistics on a range of information relating to the rollout of the Green Deal and ECO policy. This includes number of GD Assessments, number of GD Plans, number of energy efficiency measures installed, data on the amount of GD cashback vouchers issued, data on ECO brokerage, and information on the supply chain.

[www.gov.uk/government/organisations/department-of-energy-climate-change/series/green-deal-and-energy-company-obligation-eco-statistics](http://www.gov.uk/government/organisations/department-of-energy-climate-change/series/green-deal-and-energy-company-obligation-eco-statistics)

## Insulation Statistics

- DECC publishes quarterly statistics on the levels of wall and loft insulation in Great Britain, along with information on the remaining potential for insulation measures.

[www.gov.uk/government/organisations/department-of-energy-climate-change/series/estimates-of-home-insulation-levels-in-great-britain](http://www.gov.uk/government/organisations/department-of-energy-climate-change/series/estimates-of-home-insulation-levels-in-great-britain)

## Renewable Heat Statistics

- DECC publishes monthly and quarterly statistics on applications and installations of renewable heat technologies in homes and business.

[www.gov.uk/government/organisations/department-of-energy-climate-change/series/renewable-heat-incentive-renewable-heat-premium-payment-statistics](http://www.gov.uk/government/organisations/department-of-energy-climate-change/series/renewable-heat-incentive-renewable-heat-premium-payment-statistics)

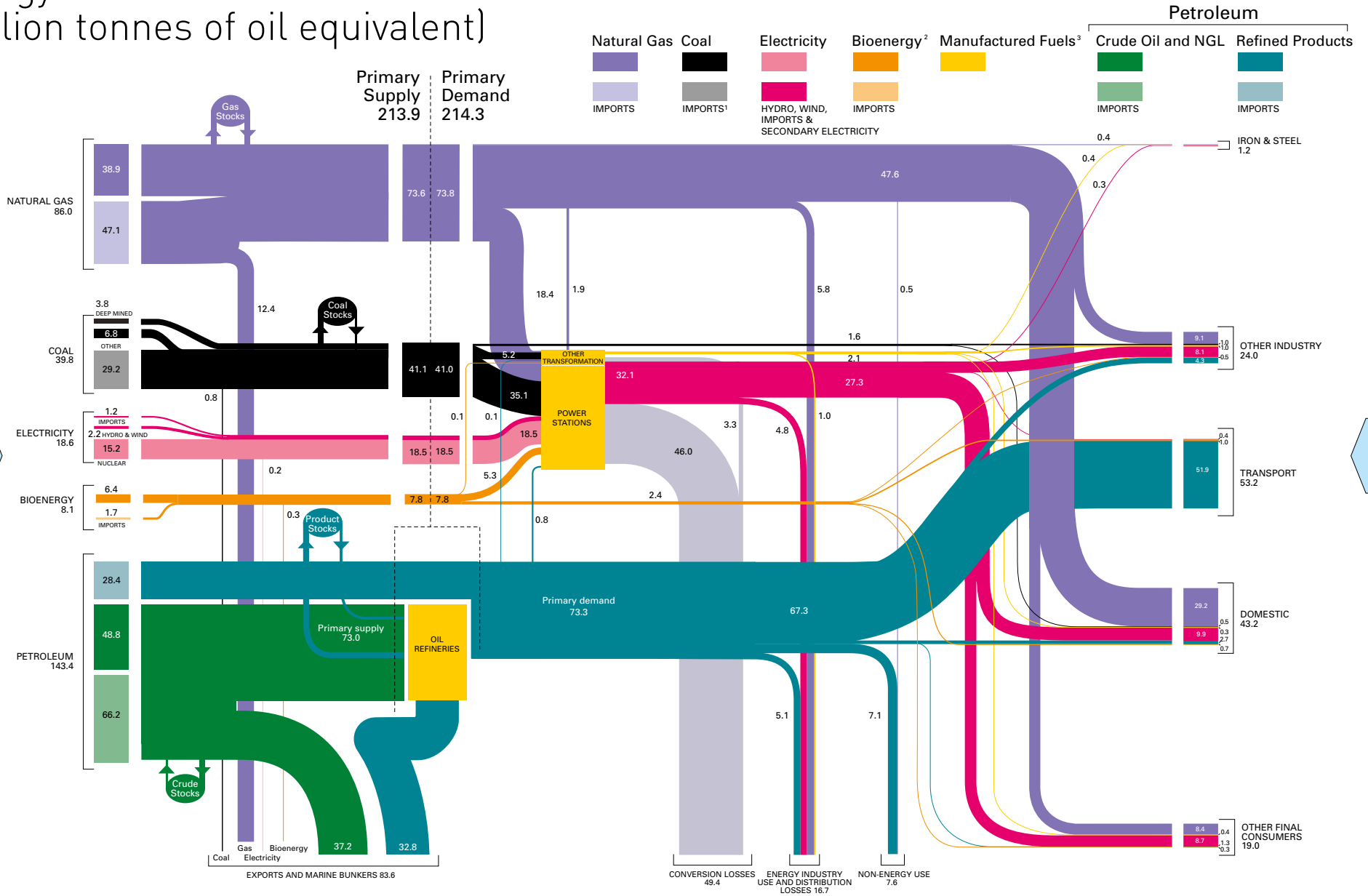
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# Energy Flow Chart 2012 (million tonnes of oil equivalent)

INDIGENOUS PRODUCTION AND IMPORTS

295.9



TOTAL FINAL CONSUMPTION<sup>4</sup>

148.2

FOOTNOTES:  
 1. Coal imports include imports of manufactured fuels, which accounted for 0.1 million tonnes of oil equivalent in 2012.  
 2. Bioenergy is renewable energy made from material of recent biological origin derived from plant or animal matter, known as biomass.  
 3. Includes heat sold.  
 4. Includes non-energy use.  
 This flowchart has been produced using the style of balance and figures in the 2013 Digest of UK Energy Statistics, Table 1.1.