

Annex G

Foreign trade

This annex provides an overview of published HMRC trade data on energy products. There are some inconsistencies between this data and that presented in the main chapters of DUKES. In the main chapters, the trade data are produced from a combination of data from HMRC and from companies responding to DECC statistical surveys. In particular there are significant differences in the data for petroleum products. These data are presented for users who use energy trade data alongside trade data for other products.

Main points for 2013

Provisional data from HMRC show that:

- There were a total of 164 million tonnes of oil equivalent (mtoe) imported to the UK in 2013, marginally down on 2012 levels, but at a near record high.
- Exports fell by 3.8 per cent to 85.4 mtoe, and have fallen by a third in the last 10 years.
- The energy trade deficit stood at £18.3 billion, 17 per cent lower than in 2012. The fall was due to a reduced deficit in crude oil and petroleum products which at £5.7 billion was 46 per cent lower than in 2012. DECC analysis utilising company data suggests that this fall in the deficit may be overstated.

Imports by fuel type:

- Coal imports increased by 7.4 per cent to 46 million tonnes, with growth in both steam coal mainly used for electricity generation and coking coal mainly within the iron and steel industry.
- Crude oil imports fell by 12 per cent to 48.9 million tonnes largely due to lower demand from refineries.
- Despite HMRC trade data showing the UK being a net exporter of petroleum products, net exports in 2013 fell by more than half due in the main to the closure of the Coryton refinery. DECC's analysis using company data indicates the UK was a net importer of product in 2013.
- Gas imports fell by 2 per cent to 525 GWh, within which there was a sharp fall in LNG imports from Qatar.

Introduction

G.1 This annex provides an overview of the UK energy trade commodities which also corresponds with that published in the *Overseas Trade Statistics of the United Kingdom (O.T.S.)*¹. Section I of this annex covers energy trade volume while section II covers energy trade value.

G.2 The volume information in section I, focuses on the declaration made to HM Revenue and Customs (HMRC) on UK imports and exports in relation to countries outside the European Union (EU) as well as on arrivals and dispatches in relation to EU member states. In table G.1, DECC has converted the HMRC data into mtoe, so that energy sources can be combined to provide an overview of total trade. The value information, in section II, corresponds to that published by the Office for National Statistics energy trade value data.

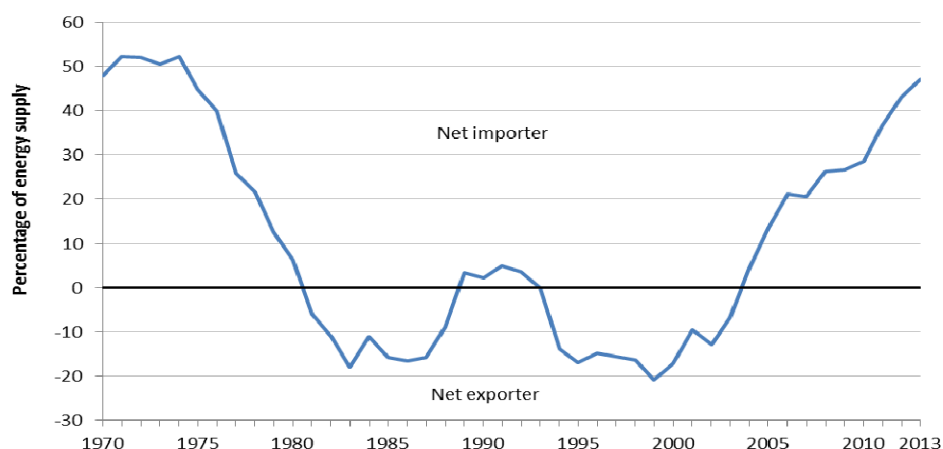
G.3 In this annex, DECC has used estimates based on its industry trade reports, for some recent gas data, to improve on the accuracy and quality of the data, in which case those estimates are clearly indicated and footnoted in the tables. The latest data for 2013 are provisional.

SECTION I - Volume

1.1 Overview - Import and export of fuels

G.4 In the 1970s the UK was a net importer of energy. Discoveries of oil and gas from the North Sea and the price spikes of 1973 led to a large rise in domestic UK crude oil production. In the early 1980s the UK became a net exporter of energy. However, as a result of the Piper Alpha disaster in 1988, oil production fell, leading to the UK reverting back to become a net importer of energy. The UK once again became a net exporter in the mid-1990s as a result of growth in the North Sea production, but after the peak in 1999, North Sea production has continued to slow down and in 2004 the UK once again became a net importer of fuels. **Chart G.1a** below shows the UK net import dependence level from 1970 to 2013, based on DECC data. In 2013, the dependency level (net imports compared to demand) increased to 47.1 per cent, its highest level since 1974.

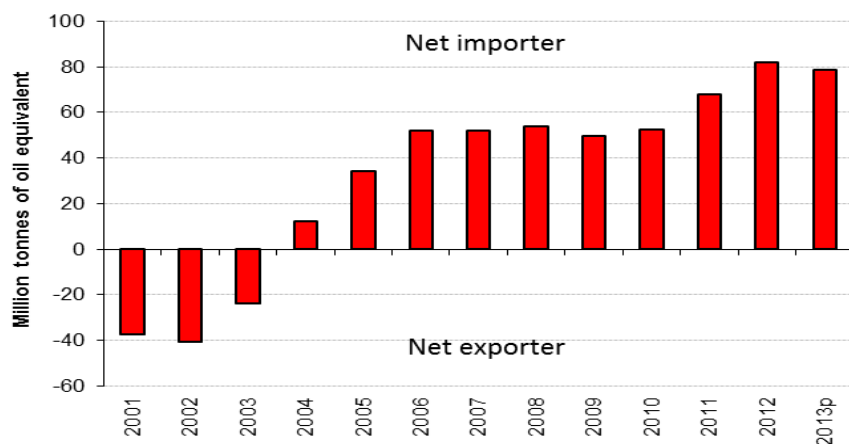
Chart G.1a - UK import dependency, 1970 to 2013



Source: DECC

G.5 HMRC data shows that since the switch from being a net exporter in 2003 to a net importer in 2004, the UK has continued to remain a net importer of energy. Net imports have grown considerably in the past few years as the falls in UK energy consumption have been outweighed by the continuing decline in production. In 2013, total net imports of fuels stood at 78.6 million tonnes of oil equivalent (mtoe); 3.3 mtoe lower than in 2012, as both imports and exports fell by 4.0 per cent (**Chart G.1b**). **Table G.1**, at the end of this annex, provides the UK import and export quantities for all fuel types since 2001.

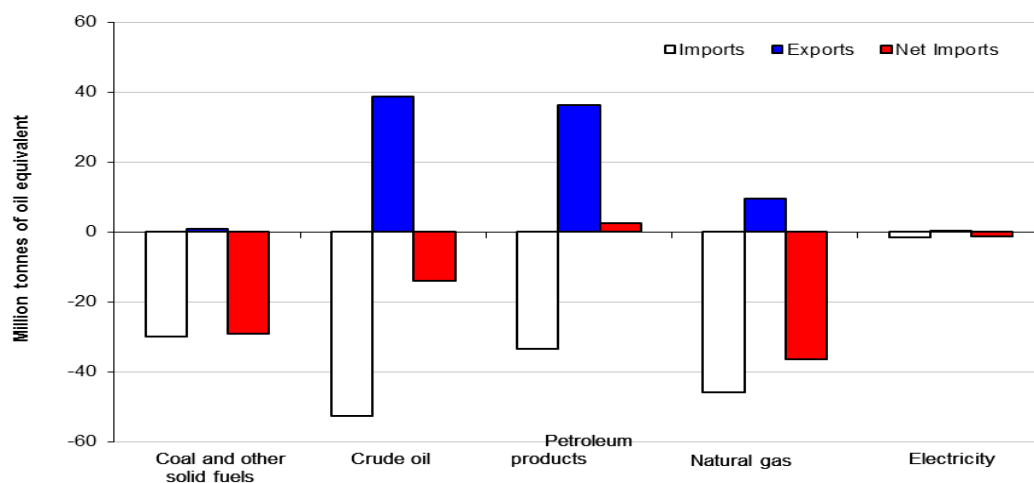
Chart G.1b - UK net imports of fuel, 2001 to 2013p



¹http://customs.hmrc.gov.uk/channelsPortalWebApp/channelsPortalWebApp.portal?_nfpb=true&_pageLabel=pagelImport_ShowContent&id=HMCE_CL_001141&propertyType=document

G.6 **Chart G.2** illustrates the trade by fuel type in 2013 with the UK a net importer of all fuels except for petroleum products. However net exports of petroleum products has been on the decline since 2010 and in 2013 it fell further to 2.5 mtoe due to the temporary closures of two major refineries. Additionally the closure of the Coryton refinery in July 2012 has also had an impact on production. In 2013, imports of petroleum products increased slightly by 2.6 per cent to 33.6 mtoe.

Chart G.2 - Imports and exports by fuel type, 2013

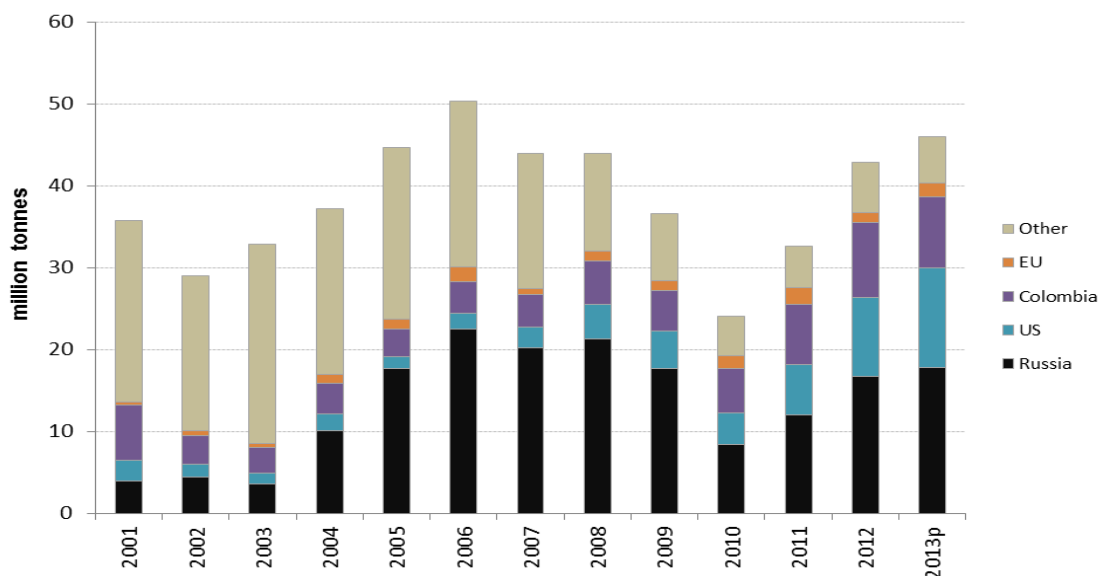


1.2 Coal and manufactured solid fuels

G.7 Imports of coal had been on the decline since its peak in 2006, but in recent years, increases in gas prices has resulted in more coal being used to satisfy demand from electricity generators and thus higher imports. **Chart G.3** illustrates the trends in the imports of coal by country for the years 2001-2013. In 2013, the UK imported 46.0 million tonnes of coal and other solid fuels, an increase of 7.4 per cent (3.2 million tonnes) on the previous year.

G.8 **Table G.2**, at the end of this annex, provides a breakdown of HMRC imports and exports of steam coal, coking coal, anthracite and other solid fuels by country of origin and destination.

Chart G.3: Imports of coal by country of origin 2001 to 2013



G.9 Coal imports from Russia have been steadily increasing and in 2005, Russia overtook South Africa to become the UK's largest coal provider and has since continued to be so. In 2013, 38.8 per cent of the UK's coal imports were from Russia followed by 26.4 per cent from the US and a further 18.8 per cent from Colombia.

G.10 Of the total coal imported in 2013, 85.1 per cent was steam coal, 13.8 per cent coking coal and the rest anthracite and other solid fuels. Whilst the import of steam coal from Russia increased by 3.5 per cent to 16.8 million tonnes and from the US by 19 per cent to 9.3 million tonnes; imports from Colombia fell by 5.5 per cent to 8.6 million tonnes.

G.11 In 2013, 43.7 per cent of the UK coking coal imports came from the US followed by 23.4 per cent from Australia and 17.1 per cent from Russia. The bulk of anthracite and other solid fuels imports were from EU countries.

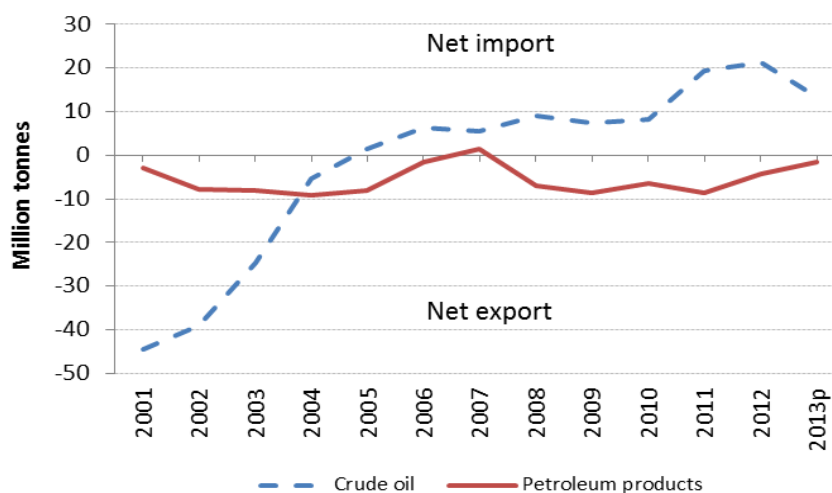
G.12 Exports of coal and other solid fuels increased by 8.6 per cent to just over 1 million tonnes in 2013, with 42.5 per cent of exports to the Irish Republic.

1.3 Crude oil and petroleum products

G.13 Trade quantities, in thousands of tonnes, of crude oil and refined petroleum products are shown in **Table G.3**. In the table, the import values per tonne are expressed on a cost, insurance and freight (c.i.f) basis while the export values are on a free on board (f.o.b) basis (e.g costs of goods to the purchaser abroad) – see section II for more details.

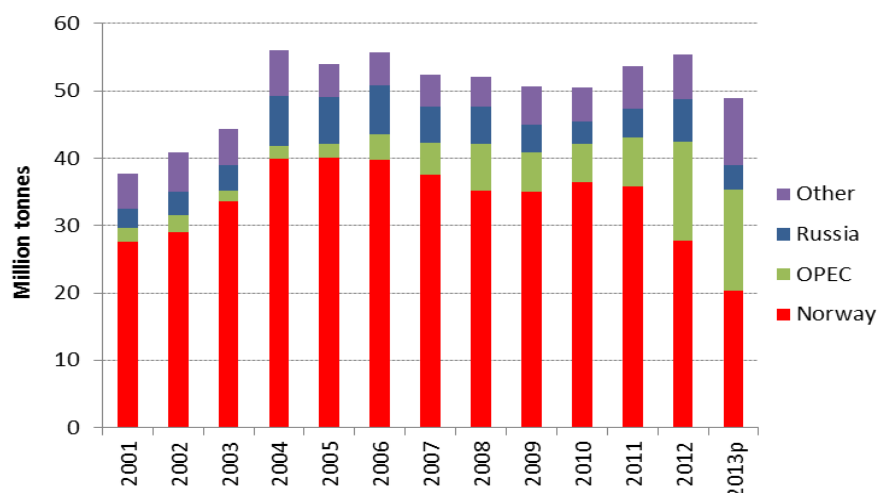
G.14 **Table G.4** provides trade data in crude oil by country where the import data, as far as possible, are on a 'country of origin' (or production) basis. Since becoming a net importer of crude oil in 2005, the UK's net import of crude oil has steadily increased, rising significantly between 2010 and 2012. However in 2013, net imports of crude oil, as reported by HMRC, fell back by 38 per cent to 13.3 million tonnes (**chart G.4**), driven by a sharp fall from Norway.

Chart G.4 - Net trade of crude oil and petroleum products 2001 to 2013p



G.15 Norway remains the major crude oil supplier to the UK despite the continuous drop in imports from that country in the past few years (**chart G.5**). In 2013, Norway supplied around 41.5 per cent of the UK's total crude oil imports compared to 50.2 per cent in 2012. The majority of the remaining imports came from the OPEC African countries such as Algeria, Angola, Libya and Nigeria which together accounted for 30.7 per cent of the total crude imports. Imports from Russia were 7.3 per cent of the total and from the Middle East, mainly from Saudi Arabia, 4.4 per cent, up from the 1.4 per cent share in 2012. In 2013, 77 per cent of the UK's total exports of crude oil went to EU countries, broadly the same amount as in the past two years. The UK's two largest markets in the EU are Germany and the Netherlands; the bulk of the exports to Germany are for refining and consumption, whilst exports to the Netherlands include oil destined for onward trade to other countries. Most of the non-EU exports of crude oil were to South Korea and the US.

Chart G.5 - Imports of crude oil by country of origin, 2001 to 2013p



G.16 The main refined petroleum products imported into the United Kingdom in 2013 were gas oil & diesel oil which together accounted for 38.5 per cent of the total; followed by aviation turbine fuel (kerosene) 26.0 per cent. The main refined petroleum products exported in 2013 were motor & aviation spirits; gas oil & diesel oil and fuel oils which together accounted for 73.5 per cent of the total.

G.17 On a net trade basis in 2013, HMRC data show that the UK remained a net exporter of petroleum products with net exports of 1.5 million tonnes, the lowest since 2008 (**chart G.4**). In 2013 the UK was a net importer of aviation turbine fuel (6.9 million tonnes) and of diesel (4.0 million tonnes). The UK is a net exporter of petrol (6.1 million tonnes) and fuel oil 4.1 million tonnes.

1.4 Imports and exports of natural gas

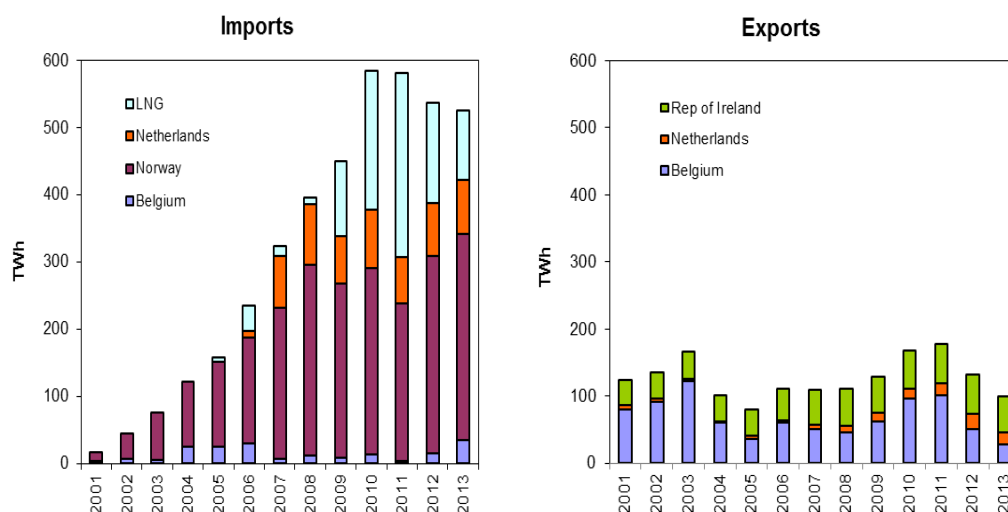
G.18 Between 1997 and 2003 the UK was a net exporter of gas. UK gas production peaked in 2000 and has since been in general decline. As a result the UK has sought to access additional supplies of gas from a range of sources to bridge the gap between indigenous production and demand as reserves on the UK Continental Shelf deplete.

G.19 Since 1999 natural gas imports have been increasing sharply, reaching a high to date in 2010. It has since been on the decline but at a slow rate. Equally over the past few years, natural gas exports have also been slowly declining. **Chart G.6** depicts the trends in natural gas imports and exports by country. It also includes trends in the volume of Liquefied Natural Gas (LNG) imports (see **Chart G.7** for country breakdown of LNG imports). The UK does not export LNG however it has one of the world's largest importation terminals by capacity and the largest in Europe at the Isle of Grain, and the pipeline structure to export natural gas to the continent.

G.20 **Table G.5** gives a breakdown of imports and exports of natural gas by country of origin and destination. The data in the table are physical flows as reported by the pipeline or terminal operators to DECC. Whilst the data presented in the table differ from the nominated flows reported in Chapter 4, the overall net flows (e.g net imports or net exports) are essentially the same.

G.21 In 2013 the UK exported 100 TWh of gas, a decrease of 24 per cent on 2012. The Republic of Ireland was the main destination of UK gas exports followed by Belgium. The other main destination of UK gas exports were the Netherlands, from the UK or UK share gas fields using the Dutch WGT pipeline system to Den Helder and Uithuizen.

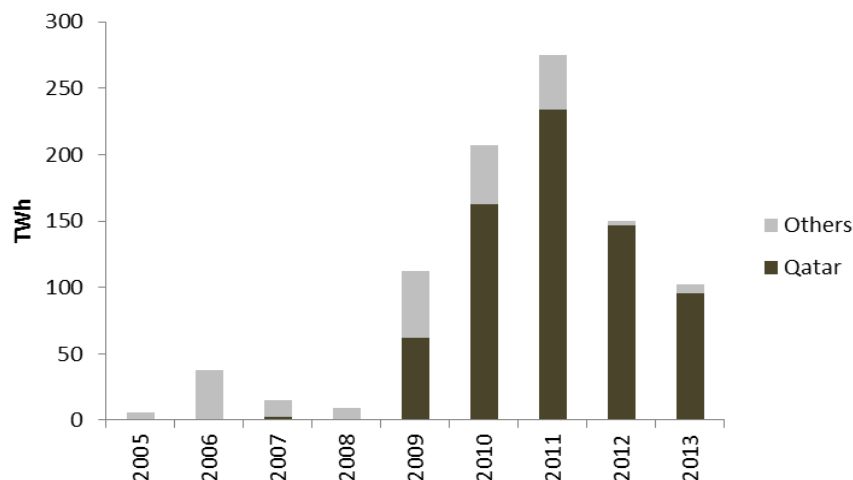
Chart G.6 - Imports and exports of natural gas by country, 2001 to 2013



G.22 In 2013 the UK imported 525 TWh of gas, 2 per cent less than in 2012, with 58 per cent of gas imports from the Norwegian Continental Shelf. LNG imports from various sources (**Chart G.7**) accounted for 20 per cent of total gas imports. Despite a 35 per cent drop in LNG imports from Qatar, it still accounted for 93 per cent of total LNG imports. Supplies were also delivered to the UK from the European mainland via the Balgzand (Netherlands)-Bacton interconnector and from Zeebrugge (Belgium) via the interconnector with Belgium. The origin of the gas molecules from mainland Europe is not known hence they are assigned to the Netherlands and Belgium.

G.23 The UK does not import natural gas and LNG from Russia. The physical origins of the gas through the pipelines are not available. It is possible that a very small amount of gas from Russia finds its way across continental Europe to the UK, but given the gas pipeline infrastructure it is believed that most of the gas from the Netherlands is sourced from the Dutch sector of the North Sea, and that most of the gas from Belgium is sourced from Norway via Zeepipe (which terminates at Zeebrugge). Thus any UK gas sourced from Russia is negligible.

Chart G.7 - Imports of LNG by country, 2005 to 2013



1.5 Imports and exports of electricity

G.24 For over a decade, the UK has been a net importer of electricity. Imports of electricity are mainly from France (11.6 GWh) and the Netherlands (6.5 GWh), whilst exports are to Ireland. In 2013, imports of electricity rose 27.1 per cent to 1.5 mtoe due to increased imports from both France and Netherlands via the interconnector whilst exports of electricity to Ireland increased by 77.7 per cent to 0.3 mtoe.

SECTION II – Value

2.1 Imports and exports of fuels (Overseas Trade Statistics basis)

G.25 For statistical purposes, the UK adopts the valuation basis for overseas trade statistics (OTS) as recommended in the International Merchandise Trade Statistics Concepts & Definitions published by the United Nations. This means that the valuation of exports and dispatches is on a free on board (fob) basis (eg costs of goods to the purchaser abroad) while the valuation of imports and arrivals is on a cost, insurance and freight (cif) basis which includes all the incurred expenses in moving the goods to the point of entry into the UK, but excludes any duty or tax chargeable in the UK.

G.26 On an OTS basis, following the switch from the energy trade surplus of £0.6 billion in 2004, the UK has remained in deficit (*Chart G.8*). Between 2005 and 2008, the energy trade deficit grew steadily but fell back in 2009 reflecting lower oil prices. It has since continued to grow significantly although in 2013 it fell by 17 per cent to £18.3 billion driven by a fall in the deficit of crude oil and petroleum products. The deficit of crude oil and petroleum products, on the same basis, in 2013 was £5.7 billion (46 per cent less than in 2012) compared to a £2.2 billion surplus in 2004 (*Chart G.9*)

Chart G.8 - Value of net exports of fuel, 2001 to 2013p

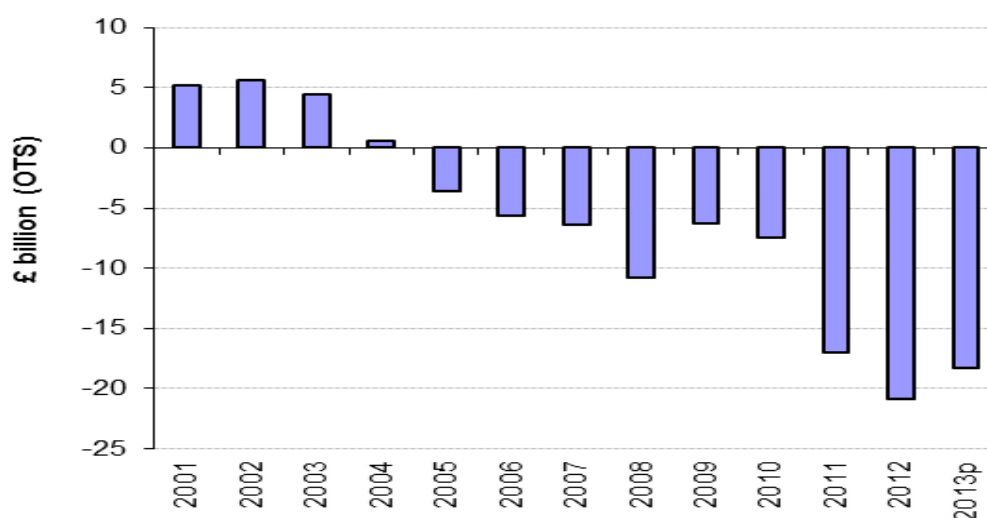
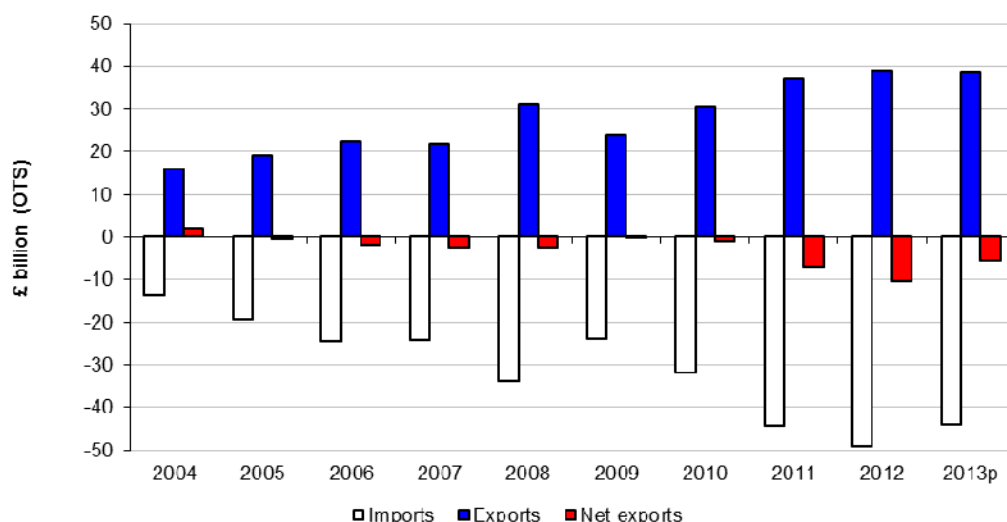


Chart G.9: Value in trade of oils⁽¹⁾, 2004 to 2013p



(1) Crude oil and petroleum products

Imports on CIF, exports on FOB basis

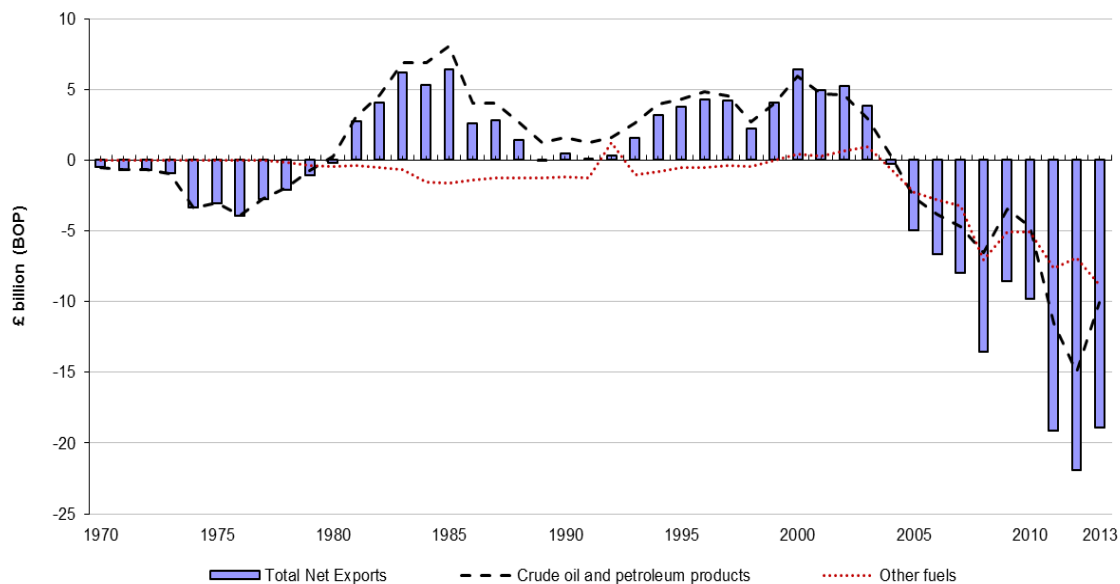
2.2 Imports and exports of fuels (Balance of Payment basis)

G.27 In order to conform with the International Monetary Fund (IMF), the Office for National Statistics (ONS) compiles their energy trade data on a balance of payment basis (BOP) in which the value of goods is the value at the point of the exporting country, e.g the freight and insurance costs to the UK is excluded from the value recorded by HMRC.

G.28 **Chart G.10** shows the net exports of fuels in value terms on a BOP basis since 1970. The United Kingdom's trade in fuels was dominated by imports until exports started to grow substantially in the mid-1970s, when production from the North Sea started, resulting in a trade surplus in 1981. This surplus was sustained between 1981 and 2003, except for a small deficit in 1989, and amounted to just under £80 billion over that period. However, these surpluses were reduced by the fall in oil prices in 1986, and then by the fall in North Sea production following the Piper Alpha accident in 1988 and the resulting safety works. Although the trade surplus increased steadily from 1992 to 1996, there were falls in 1997 and 1998 due to the drop in the price of crude oil. Prices of crude oil and petroleum products increased in 1999 and again in 2000 giving it, in current price terms, the highest net surplus. In 2001 the value of the trade surplus fell, reflecting falls in the price of crude oil and petroleum products; however, this was partly reversed by a 6 per cent increase in the net trade surplus during 2002.

G.29 Since 2004 the UK has been a net importer of fuels with deficits recorded both for oil and the other fuels series. The deficit increased sharply in 2008 due to a sharp rise in the price of crude oil with Brent prices increasing by \$25 per barrel to \$98 per barrel, before falling back to \$63 per barrel in 2009. In 2011 there was a another sharp increase in the size of the energy trade deficit, which nearly doubled that in 2010, from £9.8 billion to £19.1 billion; this was mainly due to the oil deficit increasing from £4.7 billion to £11.5 billion, as oil prices rose sharply from an average of \$80 per barrel in 2010 to \$111 per barrel in 2011. In 2013, the total deficit was £18.9 billion, £3.0 billion less than in the previous year driven by deficit in crude oil falling by £4.9 billion, as less crude oil were imported. Also crude oil price fell by around \$3 per barrel to stand at \$109 per barrel in 2013.

Chart G.10 - Value of net exports of fuels on a balance of payment basis, 1970 to 2013



G.30 **Table G.6** shows the trends in the UK trade values from 1970 to 2013 both on an OTS and BOP basis. Import values on a f.o.b. basis are also included in the table, to allow net exports to be presented on a comparable f.o.b. basis over the same period.

Technical notes and definitions

G.31 The figures of imports and exports quoted in this annex are derived from notifications to HM Revenue and Customs, and may differ from those for actual arrivals and shipments, derived from alternative and/or additional sources, in the sections of the Digest dealing with individual fuels. Data in Table G.1 also include unpublished revisions to Customs data, which cannot be introduced into Tables G.3 to G.5.

G.32 All quantity figures in Table G.1 have been converted to million tonnes of oil equivalent to allow data to be compared and combined. This unit is a measure of the energy content of the individual fuels; it is also used in the Energy section of this Digest and is explained in Annex A, paragraphs A.45 to A.46. The quantities of imports and exports recorded in the Overseas Trade Statistics, in their original units of measurement, are converted to tonnes of oil equivalent using weighted gross calorific values and standard conversion factors appropriate to each division of the Standard International Trade Classification (SITC). The electricity figures are expressed in terms of the energy content of the electricity traded.

G.33 Except as noted in Table G.6, values of imports are quoted "c.i.f." (cost, insurance and freight). Briefly this value is the price that the goods would fetch at that time, on sale in the open market between buyer and seller independent of each other, with delivery to the buyer at the port of importation, the seller bearing freight, insurance, commission and all other costs, etc, incidental to the sale and delivery of the goods with the exception of any duty or tax chargeable in the United Kingdom. Values of exports are "f.o.b." (free on board), which is the cost of the goods to the purchaser abroad, including packing, inland and coastal transport in the United Kingdom, dock dues, loading charges and all other costs, charges and expenses accruing up to the point where the goods are deposited on board the exporting vessel or at the land boundary of Northern Ireland.

G.34 Figures of the value of net exports in Tables G.6 are derived from exports and imports measured on a Balance of Payments (B.O.P) basis. The figures are consistent with the European System of Accounts 1995, the basis on which they are published by the Office for National Statistics. This means exports as recorded by HM Revenue and Customs, will differ from those recorded by the Office for National Statistics on a B.O.P basis.

G.35 Figures correspond to the following items of SITC (Rev 3) at <http://unstats.un.org/unsd/cr/registry/regcst.asp?Cl=14&Lg=1>

Coal	321.1 and 321.2
Other solid fuels	322 and 325 (part)
Crude oil	333
Petroleum products	334, 335, 342 and 344 (plus Orimulsion reclassified to division 278 during 1994)
Natural gas	343
Electricity	351

G.36 In 1993, the Single European Market was created. At that time, a new system for recording the trade in goods between member states, called INTRASTAT, was introduced. As part of this system only obliges small traders to report their annual trade and as some trading supply returns are late, it is necessary to include adjustments for unrecorded trade. This is particularly true of 1993, the first year of the system and of coal imports in that year.

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G.1 Imports and exports of fuels ⁽¹⁾

	Million tonnes of oil equivalent												
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013 p
Imports													
Coal and other solid fuel	24.8	20.0	22.5	25.4	30.6	34.6	28.8	28.7	23.7	15.7	21.5	27.9	30.0
Crude oil	43.2	44.6	48.7	61.4	59.1	60.8	48.2	56.8	55.3	55.0	58.5	61.6	52.8
Petroleum products	23.2	23.1	25.0	28.9	31.1	34.5	41.6	29.1	28.2	30.0	29.6	32.8	33.6
Natural gas ⁽²⁾	2.6	5.2	7.4	11.4	14.9	21.0	29.1	35.0	39.2	50.7	50.6*	47.3*	46.0*
Electricity	0.9	0.8	0.4	0.8	1.0	0.9	0.7	1.1	0.6	0.6	0.7	1.2	1.5
Total imports	94.8	93.8	104.0	127.9	136.7	151.8	148.3	150.7	147.0	152.0	161.0	170.7	164.0
Exports													
Coal and other solid fuel	0.7	0.7	0.6	0.6	0.5	0.4	0.7	1.0	0.5	1.1	0.9	0.8	0.8
Crude oil	89.6	87.1	76.0	66.1	55.2	51.4	51.2	47.0	47.3	45.4	37.2	36.7	38.7
Petroleum products	30.1	33.5	35.7	38.7	38.5	37.6	33.6	38.2	37.6	37.3	38.7	38.8	36.1
Natural gas ⁽²⁾	11.9	13.0	15.2	9.8	8.3	10.4	10.6	10.5	11.8	15.2	15.8*	12.4*	9.4*
Electricity	0.0	0.1	0.3	0.2	0.2	0.2	0.3	0.1	0.3	0.4	0.2	0.2	0.3
Total exports	132.3	134.3	127.7	115.5	102.7	100.0	96.4	96.9	97.5	99.3	92.8	88.8	85.4
Net exports													
Coal and other solid fuel	-24.1	-19.3	-21.9	-24.8	-30.1	-34.2	-28.1	-27.6	-23.2	-14.6	-20.6	-27.1	-29.2
Crude oil	46.4	42.5	27.3	4.8	-3.9	-9.5	3.0	-9.9	-8.0	-9.6	-21.3	-24.9	-14.1
Petroleum products	6.9	10.4	10.6	9.9	7.4	3.1	-7.9	9.1	9.3	7.3	9.1	6.0	2.5
Natural gas	9.3	7.8	7.8	-1.6	-6.6	-10.6	-18.5	-24.5	-27.4	-35.5	-34.8	-34.9	-36.6
Electricity	-0.9	-0.7	-0.2	-0.6	-0.7	-0.6	-0.4	-0.9	-0.2	-0.2	-0.5	-1.0	-1.2
Total net exports	37.6	40.5	23.7	-12.4	-34.0	-51.9	-52.0	-53.8	-49.4	-52.7	-68.1	-81.9	-78.6

Source: HMRC, *DECC estimates

(1) See Energy Trends at <https://www.gov.uk/government/organisations/department-of-energy-climate-change/about/statistics> for the latest DECC quarterly estimates

(2) Physical flow

G.2 Imports and exports of solid fuels

Thousand tonnes								
2001	Imports (1)				Exports			
	Steam coal	Coking coal	Anthracite	Other solid fuel	Steam coal	Coking coal	Anthracite	Other solid fuel
European Union								
Belgium/Luxembourg	6	-	-	56	-	-	68	1
Denmark	-	-	-	-	12	-	4	-
Finland	-	-	-	-	-	-	-	36
France	-	-	-	7	9	-	78	29
Germany	-	-	-	52	2	-	22	18
Irish Republic	64	-	9	-	210	4	24	25
Italy	-	-	-	-	-	-	-	5
Netherlands (2)	150	-	7	-	1	-	1	12
Portugal	-	-	-	-	-	-	-	-
Spain	-	-	-	1	-	-	12	-
Sweden	5	-	-	-	-	-	4	55
Other countries	-	-	-	-	-	-	-	-
Total European Union	224	-	16	116	234	4	213	181
Australia	2,283	4,777	16	-	-	-	-	-
Canada	-	1,182	-	-	-	-	-	-
Colombia	6,722	-	-	-	-	-	-	-
Indonesia	50	-	-	-	-	-	-	-
Norway	23	-	1	1	63	-	26	180
People's Republic of China	295	-	410	48	-	-	-	-
Poland	1,183	-	52	-	-	-	-	-
Republic of South Africa	10,139	29	91	-	-	-	1	-
Russia	3,894	-	1	-	-	-	-	-
United States of America	857	1,735	18	-	-	-	-	-
Venezuela	56	-	-	-	-	-	-	-
Vietnam	-	-	92	-	-	-	-	-
Other countries	1,315	-	81	-	5	-	4	33
Total all countries	27,041	7,723	778	165	301	4	244	394
Value of imports (cif)/export (fob) (£m) (3)	839	285	34	14	19	0	13	26
Value per tonne (£)	32	37	44	64	47	67	66	66
2002								
European Union								
Belgium/Luxembourg	-	-	2	86	1	-	58	1
Denmark	-	-	-	-	13	-	5	-
Finland	-	-	-	-	-	-	-	38
France	5	-	12	12	2	-	61	114
Germany	10	-	-	15	32	-	15	50
Irish Republic	32	-	14	12	214	2	27	34
Italy	-	-	-	-	-	-	1	1
Netherlands (2)	226	-	31	96	-	-	2	11
Portugal	-	-	-	-	-	-	-	1
Spain	9	-	-	-	-	-	-	-
Sweden	25	-	-	-	3	-	6	51
Other countries	-	-	-	-	-	-	-	-
Total European Union (5)	307	-	59	220	264	2	175	300
Australia	682	4,229	182	1	-	-	-	-
Canada	-	750	-	-	-	-	-	-
Colombia	3,518	-	29	-	-	-	-	-
Indonesia	45	-	-	-	-	-	-	-
Norway	163	-	1	-	74	-	14	153
People's Republic of China	208	-	80	41	-	-	-	-
Poland	1,558	1	38	25	-	-	-	-
Republic of South Africa	9,608	-	267	-	-	-	-	-
Russia	3,563	48	757	57	-	-	-	-
United States of America	252	1,286	29	-	-	-	-	-
Vietnam	-	-	86	-	-	-	-	-
Other countries	917	-	23	26	3	-	1	23
Total all countries	20,821	6,315	1,550	370	341	2	191	476
Value of imports (cif)/export (fob) (£m) (3)	588	240	53	24	19	0	11	31
Value per tonne (£)	27	38	34	64	56	87	59	66

G.2 Imports and exports of solid fuels (continued)

Thousand tonnes								
2003	Imports (1)				Exports			
	Steam coal	Coking coal	Anthracite	Other solid fuel	Steam coal	Coking coal	Anthracite	Other solid fuel
European Union								
Belgium/Luxembourg	-	-	12	65	-	-	79	3
Denmark	-	-	-	-	13	-	-	-
Finland	-	-	-	-	-	-	-	41
France	5	-	14	14	-	-	52	37
Germany	-	-	2	14	1	-	-	1
Greece	-	-	-	-	-	-	2	-
Irish Republic	46	-	11	11	267	2	35	38
Italy	-	14	-	11	-	-	-	-
Netherlands (2)	243	-	3	41	-	-	-	2
Spain	21	-	-	-	-	-	-	-
Sweden	-	-	-	8	-	-	5	47
Other countries	-	-	-	-	-	-	1	1
Total European Union (5)	314	14	41	162	281	2	174	170
Australia	1,162	4,409	-	-	-	-	-	-
Canada	-	839	-	-	-	-	1	-
Colombia	3,006	158	-	8	-	-	-	-
Indonesia	402	-	-	-	-	-	-	-
Latvia	1,441	-	-	-	-	-	-	-
Norway	145	-	-	15	75	-	3	121
People's Republic of China	170	-	40	470	-	-	-	-
Poland	1,896	-	6	-	-	-	-	-
Republic of South Africa	11,649	433	110	-	-	-	-	-
Russia	3,288	98	14	181	-	-	-	-
United States of America	167	1,089	45	-	-	-	-	-
Venezuela	41	-	-	-	-	-	-	-
Vietnam	-	-	45	-	-	-	-	-
Other countries	772	80	17	150	3	-	2	-
Total all countries	24,452	7,120	319	986	359	2	181	291
Value of imports (cif)/export (fob) (£m) (3)	653	256	15	71	20	0	13	21
Value per tonne (£)	27	36	48	72	55	90	71	71
2004								
European Union								
Belgium/Luxembourg	6	-	5	18	-	-	65	2
Denmark	-	-	-	1	1	-	-	-
Estonia (3)	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	36
France	32	-	14	8	-	-	51	36
Germany	8	-	5	50	-	-	8	5
Irish Republic	34	-	6	8	346	5	25	33
Italy	-	-	-	37	-	-	-	3
Latvia (3)	-	-	-	5	-	-	-	-
Netherlands (2)	183	-	10	38	-	5	4	12
Poland (3)	636	-	-	18	-	-	-	-
Portugal	8	-	-	-	-	-	-	-
Spain	24	-	-	-	8	-	-	-
Sweden	-	-	-	19	7	-	-	47
Other countries	1	-	-	-	-	-	1	1
Total European Union (5)	932	-	40	199	362	9	154	175
Australia	2,035	4,140	-	25	-	-	-	-
Canada	25	715	-	18	-	-	1	-
Colombia	3,630	-	-	53	-	-	-	-
Indonesia	1,458	-	-	-	-	-	-	-
Norway	138	-	-	2	74	-	13	56
People's Republic of China	190	-	43	432	-	-	-	-
Republic of South Africa	10,039	-	105	-	-	-	-	-
Russia	9,711	148	73	142	-	-	-	-
United States of America	717	1,342	2	-	-	-	-	-
Venezuela	39	-	-	-	-	-	-	-
Vietnam	-	-	23	-	-	-	-	-
Other countries	569	-	-	179	3	-	2	6
Total all countries	29,483	6,345	320	1,050	440	9	170	237
Value of imports (cif)/export (fob) (£m) (3)	1,046	269	16	151	25	1	11	23
Value per tonne (£)	35	42	49	144	57	91	66	96

G.2 Imports and exports of solid fuels (continued)

	Thousand tonnes							
	Imports (1)				Exports			
2005	Steam coal	Coking coal	Anthracite	Other solid fuel	Steam coal	Coking coal	Anthracite	Other solid fuel
European Union								
Austria	-	-	-	-	-	-	-	5
Belgium/Luxembourg	-	-	14	20	-	-	84	2
Czech Republic	-	-	-	1	-	-	-	-
Denmark	-	-	-	-	4	-	-	-
Estonia (3)	15	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	36
France	-	-	4	-	1	-	32	20
Germany	12	-	4	41	1	-	-	5
Irish Republic	24	-	14	8	280	15	27	25
Italy	-	-	-	5	-	-	-	-
Latvia (3)	90	28	-	-	-	-	-	-
Netherlands (2)	197	-	-	70	-	-	3	14
Poland (3)	647	-	-	24	-	-	-	1
Spain	41	-	-	3	-	-	-	-
Sweden	-	-	-	36	3	-	2	53
Other countries	1	-	-	1	1	-	-	1
Total European Union (5)	1,027	28	37	209	290	15	148	162
Australia	808	3,499	156	-	-	-	-	-
Canada	-	1,084	-	-	-	-	1	-
Colombia	3,289	-	-	-	-	-	-	-
Indonesia	1,616	-	-	-	-	-	-	-
Norway	-	-	-	-	65	-	20	46
People's Republic of China	110	-	25	367	-	-	-	-
Republic of South Africa	12,980	-	49	-	-	-	-	-
Russia	16,748	697	76	125	-	-	-	-
United States of America	299	1,210	-	-	-	-	-	-
Other countries	225	-	-	27	8	-	3	1
Total all countries	37,101	6,519	343	728	363	15	172	209
Value of imports (cif)/export (fob) (£m) (3)	1,436	418	19	86	25	2	13	26
Value per tonne (£)	39	64	56	118	70	113	76	125
2006								
European Union								
Belgium/Luxembourg	-	-	2	26	3	-	65	1
Czech Republic	-	-	-	-	1	-	-	-
Denmark	10	-	-	-	5	-	-	-
Estonia (3)	37	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	20
France	3	-	2	-	-	-	24	23
Germany	44	-	6	35	-	-	4	11
Irish Republic	16	-	3	7	248	1	24	18
Latvia (3)	384	-	-	-	-	-	-	-
Netherlands (2)	188	-	-	42	-	-	3	22
Poland (3)	856	-	-	31	-	-	-	-
Spain	46	-	-	-	64	-	-	-
Sweden	-	-	-	29	-	-	-	3
Other countries	-	-	-	10	-	-	-	-
Total European Union (5)	1,584	-	13	180	320	1	121	97
Australia	143	3,914	-	-	-	-	-	-
Canada	-	1,282	-	-	-	-	1	-
Colombia	3,798	-	-	-	-	-	-	-
Iceland	-	-	-	-	17	-	-	-
Indonesia	1,895	-	-	-	-	-	-	-
Norway	-	20	-	2	9	-	7	24
People's Republic of China	34	-	10	226	-	-	-	-
Republic of South Africa	12,601	-	42	-	-	-	-	-
Russia	21,950	298	37	168	-	-	-	-
United States of America	692	1,332	-	-	-	-	-	-
Vietnam	-	-	19	-	-	-	-	-
Other countries	-	28	2	-	2	-	2	1
Total all countries	42,697	6,875	123	577	349	1	131	122
Value of imports (cif)/export (fob) (£m) (3)	1,616	481	9	52	24	-	10	14
Value per tonne (£)	38	70	75	90	70	127	78	115

G.2 Imports and exports of solid fuels (continued)

	Thousand tonnes							
	Imports (1)				Exports			
2007	Steam coal	Coking coal	Anthracite	Other solid fuel	Steam coal	Coking coal	Anthracite	Other solid fuel
European Union								
Belgium/Luxembourg	-	-	1	12	3	-	45	12
Czech Republic	-	-	-	-	1	-	-	-
Denmark	7	-	-	-	6	5	-	-
Estonia (3)	66	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	40
France	-	-	-	3	-	-	13	39
Germany	8	-	5	29	-	-	3	98
Irish Republic	22	-	1	6	283	-	23	13
Italy	-	7	-	-	-	-	-	-
Latvia (3)	69	61	-	-	-	-	-	-
Netherlands (2)	170	-	-	125	1	-	9	22
Poland (3)	130	-	-	2	-	-	-	-
Spain	11	-	-	-	117	-	-	-
Sweden	-	-	-	27	-	-	-	9
Other countries	-	-	-	-	-	-	-	-
Total European Union (5)	482	68	8	204	410	5	94	233
Australia	527	4,218	-	-	-	-	-	-
Canada	-	1,662	-	-	-	-	5	-
Colombia	3,800	-	72	-	-	-	-	-
Indonesia	1,455	-	-	-	-	-	-	-
Iceland	-	-	-	-	7	-	-	-
Norway	-	42	-	-	8	4	15	19
People's Republic of China	175	68	12	550	-	-	-	-
Republic of South Africa	7,706	-	23	-	-	-	-	-
Russia	19,692	393	21	159	-	-	-	-
United States of America	1,121	1,402	-	-	-	-	-	-
Other countries	-	29	-	21	2	3	2	22
Total all countries	34,957	7,884	137	933	428	13	116	274
Value of imports (cif)/export (fob) (£m) (3)	1,470	473	8	121	31	1	10	28
Value per tonne (£)	42	60	57	130	72	99	85	102
2008								
European Union								
Belgium/Luxembourg	24	-	2	13	22	123	66	3
Czech Republic	-	-	1	-	1	-	-	-
Denmark	8	-	-	-	2	18	-	-
Finland	-	-	-	-	-	-	-	37
France	-	-	-	-	1	-	57	93
Germany	15	-	3	32	-	-	3	93
Irish Republic	32	-	3	5	313	-	32	16
Latvia (3)	321	-	-	-	-	-	-	-
Netherlands (2)	146	-	2	142	103	37	9	-
Poland (3)	213	-	-	3	-	-	-	-
Spain	123	-	-	15	217	-	2	3
Sweden	-	-	-	33	-	-	-	6
Other countries	-	-	-	-	-	-	-	-
Total European Union (5)	882	-	11	244	658	178	168	251
Australia	638	3,303	-	-	-	-	-	-
Bosnia & Herz.	-	-	-	48	-	-	-	-
Canada	-	1,412	-	18	-	-	3	-
Colombia	5,270	-	-	38	-	-	-	-
Egypt	-	-	-	38	-	-	1	-
India	-	-	-	-	1	-	1	-
Indonesia	2,088	-	-	-	-	-	-	-
Norway	-	-	-	-	11	-	14	38
People's Republic of China	-	-	14	63	-	-	-	-
Republic of South Africa	4,185	-	12	-	-	-	-	-
Russia	20,641	300	160	148	-	-	-	-
Turkey	-	-	-	90	-	-	-	-
United States of America	2,741	1,527	16	-	-	-	-	-
Venezuela	8	-	-	-	-	-	-	-
Other countries	60	-	-	1	2	-	1	2
Total all countries	36,514	6,542	213	688	672	179	188	291
Value of imports (cif)/export (fob) (£m) (3)	2,791	690	28	152	65	12	17	44
Value per tonne (£)	76	105	130	222	96	67	88	153

G.2 Imports and exports of solid fuels (continued)

2009	Thousand tonnes							
	Imports (1)				Exports			
	Steam coal	Coking coal	Anthracite	Other solid fuel	Steam coal	Coking coal	Anthracite	Other solid fuel
European Union								
Belgium/Luxembourg	15	-	-	2	0	-	43	3
Denmark	6	-	-	6	0	-	-	-
Finland	-	-	-	-	0	-	-	24
France	-	-	-	-	0	-	7	58
Germany	14	-	5	8	8	-	0	11
Irish Republic	67	-	3	6	264	-	48	34
Latvia (3)	92	-	-	-	-	-	-	-
Netherlands (2)	99	-	3	27	0	-	3	1
Poland (3)	566	-	-	0	6	0	0	0
Portugal	1	-	0	-	0	-	-	-
Spain	276	-	-	7	189	-	2	-
Sweden	-	-	-	19	0	0	0	9
Other countries	-	-	0	-	0	-	0	0
Total European Union (5)	1,136	-	11	75	468	0	104	141
Australia	382	2,698	-	-	-	-	0	0
Canada	-	213	-	-	-	-	1	-
Colombia	4,883	-	-	3	-	-	-	-
Indonesia	694	-	-	-	-	-	-	-
Norway	-	55	-	-	22	5	8	57
People's Republic of China	597	-	3	0	-	-	0	-
Republic of South Africa	2,941	-	13	-	27	-	0	-
Russia	17,203	327	180	16	-	-	0	-
United States of America	2,896	1,691	0	-	-	-	0	-
Venezuela	-	490	-	-	-	-	-	-
Other countries	90	-	-	4	8	1	2	1
Total all countries	30,824	5,474	207	97	526	6	115	199
Value of imports (cif)/export (fob) (£m) (3)	1,907	702	26	17	61	1	14	35
Value per tonne (£)	62	128	124	177	117	203	122	177
2010								
European Union								
Belgium/Luxembourg	5	7	-	11	125	-	41	12
Denmark	-	-	-	-	4	-	0	-
Finland	-	-	-	3	5	-	-	32
France	-	3	-	8	0	-	4	55
Germany	18	44	3	37	9	0	0	55
Irish Republic	36	1	7	431	350	-	22	35
Latvia (3)	-	-	-	2	-	-	-	-
Netherlands (2)	127	24	-	15	4	-	0	0
Poland (3)	563	4	-	-	0	-	0	0
Portugal	-	-	-	-	0	-	0	-
Spain	132	12	4	-	9	-	1	-
Sweden	-	28	-	-	25	-	0	6
Other countries	-	-	-	32	0	-	0	0
Total European Union (5)	881	123	14	539	532	0	70	196
Australia	-	3,235	64	-	-	0	0	0
Canada	-	424	-	-	0	-	1	52
Colombia	5,461	51	6	-	-	-	-	-
Indonesia	162	-	-	-	-	-	-	-
Norway	69	-	-	-	65	-	15	43
People's Republic of China	-	-	7	-	-	-	-	-
Republic of South Africa	757	-	-	-	19	-	0	50
Russia	7,864	398	95	-	-	-	0	-
United States of America	1,846	2,010	-	-	-	-	0	0
Other countries	99	13	-	-	9	1	3	275
Total all countries	17,139	6,254	186	540	624	1	90	616
Value of imports (cif)/export (fob) (£m) (3)	1,104	723	22	29	74	0	12	134
Value per tonne (£)	64	116	121	55	119	272	129	217

G.2 Imports and exports of solid fuels (continued)

2011	Thousand tonnes							
	Imports (1)				Exports			
	Steam coal	Coking coal	Anthracite	Other solid fuel	Steam coal	Coking coal	Anthracite	Other solid fuel
European Union								
Belgium/Luxembourg	117	33	163	13	31	0	38	33
Denmark	-	-	0	11	8	-	-	7
Finland	-	-	-	2	-	49	6	-
France	-	-	-	0	13	18	2	35
Germany	21	43	0	71	85	192	0	0
Irish Republic	20	4	6	533	244	13	35	69
Latvia (3)	-	-	-	5	-	-	-	-
Netherlands (2)	163	6	-	38	2	-	3	5
Poland (3)	725	4	-	0	11	0	0	0
Spain	81	14	14	0	7	-	1	1
Sweden	-	24	-	-	2	0	0	0
Other countries	0	3	1	7	33	0	0	4
Total European Union (4)	1,127	132	184	680	436	272	85	154
Australia	-	3,136	-	-	-	0	0	1
Canada	-	301	-	-	-	0	2	5
Colombia	7,377	-	-	-	-	-	0	0
Norway	197	-	-	-	49	3	8	46
People's Republic of China	-	-	9	-	-	-	-	0
Republic of South Africa	620	-	-	-	6	78	0	0
Russia	11,790	227	-	-	-	-	0	-
United States of America	4,354	1,739	-	-	0	0	0	1
Sri Lanka	478	-	-	-	-	-	-	-
Other countries	245	51	-	-	8	38	2	30
Total all countries	26,188	5,584	193	680	499	390	97	238
Value of imports (cif)/export (fob) (£m) (3)	2,050	916	21	48	63	83	13	45
Value per tonne (£)	78	164	109	70	126	212	137	189
2012								
European Union								
Belgium/Luxembourg	72	4	0	11	20	3	34	23
Denmark	-	0	-	7	0	0	-	7
Finland	-	-	-	1	-	50	-	0
France	-	0	0	3	21	17	4	28
Germany	15	23	4	66	0	47	0	0
Irish Republic	27	4	10	440	265	22	33	72
Latvia (3)	-	-	-	4	-	-	-	0
Netherlands (2)	190	6	0	37	4	6	-	3
Poland (3)	87	5	-	0	18	0	0	0
Portugal	-	-	0	-	0	-	0	6
Spain	99	28	5	0	21	7	-	1
Sweden	-	24	-	0	3	-	0	0
Other countries	14	1	1	24	7	1	28	10
Total European Union (4)	503	95	20	593	359	152	100	150
Australia	-	2,402	-	-	-	0	0	0
Canada	665	169	-	1	0	-	1	17
Colombia	9,075	-	-	-	-	-	-	-
Norway	257	-	-	-	32	0	15	47
China	0	-	5	0	-	-	-	0
South Africa	495	0	4	-	-	55	0	0
Russia	16,181	552	-	-	-	-	0	0
United States	7,833	1,825	0	0	0	0	0	35
Venezuela	175	-	-	-	-	-	-	-
Sri Lanka	1,918	-	-	-	-	-	-	-
Other countries	0	62	0	0	5	4	4	26
Total all countries	37,102	5,104	29	595	396	210	120	275
Value of imports (cif)/export (fob) (£m) (3)	2,451	675	6	47	53	43	13	68
Value per tonne (£)	66	132	216	79	134	205	112	247

G.2 Imports and exports of solid fuels (continued)

2013	Thousand tonnes							
	Imports (1)				Exports			
	Steam coal	Coking coal	Anthracite	Other solid fuel	Steam coal	Coking coal	Anthracite	Other solid fuel
European Union								
Belgium/Luxembourg	7	9	0	20	31	0	36	25
Denmark	0			2	0	0		23
Finland				0	0	60		0
France	28	0	0	2	9	26	2	22
Germany	30	33	2	57	0	35	0	2
Irish Republic	63	8	9	331	325	20	35	82
Latvia (3)	33			6				
Netherlands (2)	195	13	0	44	7	13	5	4
Poland (3)	531	14		0	5	0	0	4
Portugal	4	0				0		7
Spain	207	6		0	2	11	0	8
Sweden		21			3	6		0
Other countries	27	12	1	7	25	0	0	0
Total European Union (4)	1,125	116	12	468	407	172	79	177
Australia	82	1,487				0	0	0
Canada	644	68		3			1	17
Colombia	8,574	87			0			
Indonesia				0			0	0
Norway	267		0	0	33	2	16	25
China	0	2	6	0		0	0	0
South Africa	422	6	1			21	0	0
Russia	16,752	1,089	4					
United States	9,348	2,780	0	0		0	0	0
Venezuela	186						0	
Sri Lanka	1,121			0	0		0	
Other countries	620	724	-	0	10	56	47	24
Total all countries	39,142	6,359	23	471	450	252	143	243
Value of imports (cif)/export (fob) (£m) (3)	2,295	688	5	38	61	40	28	52
Value per tonne (£)	59	108	226	80	136	160	197	213

Source : H.M. Revenue and Customs

(1) Country of origin basis.

(2) Includes extra-EU coal routed through the Netherlands.

(3) Joined the EU on 1 May 2004

(4) Includes a small quantity from other EU countries

G.3 Imports and exports of crude oil and petroleum products

	1999		2000		2001		2002		2003		2004	
	Quantity (Thousand tonnes)	Value per tonne (£)	Quantity (Thousand tonnes)	Value per tonne (£)	Quantity (Thousand tonnes)	Value per tonne (£)	Quantity (Thousand tonnes)	Value per tonne (£)	Quantity (Thousand tonnes)	Value per tonne (£)	Quantity (Thousand tonnes)	Value per tonne (£)
Imports (c.i.f.)												
Crude oil	33,151	76.0	36,898	138.2	37,696	128.0	40,913	122.0	44,379	133.9	56,095	151.4
Refined petroleum products (1)												
Petroleum gases (2)	845	120.5	1,119	131.8	1,156	119.7	709	140.9	549	250.2	818	203.9
Motor spirit and aviation spirit	1,947	119.5	1,971	210.0	3,440	200.4	2,280	168.8	1,828	178.1	2,215	227.4
Other light oils and spirit (3)	667	99.0	584	217.7	550	194.7	681	179.4	1,294	179.3	1,294	212.7
Aviation turbine fuel (kerosene)	4,163	109.5	5,761	193.0	6,716	174.4	7,156	156.1	6,073	173.1	7,687	215.8
Other kerosene	163	80.1	181	225.5	427	180.3	163	154.2	162	198.2	268	204.4
Gas oil/diesel oil	4,788	112.9	3,988	188.6	4,315	176.9	4,602	153.3	5,997	164.8	5,517	194.1
Fuel oil (4)	5,892	60.9	5,275	111.1	5,054	104.1	5,382	108.9	6,240	124.2	7,578	131.8
Lubricating oils	111	305.9	197	390.5	378	354.4	426	278.5	395	316.9	381	334.4
Petroleum coke	644	47.4	683	48.1	770	68.5	844	63.0	836	54.2	1,094	51.0
Other	198	147.5	44	454.6	67	341.8	39	484.9	79	287.3	77	316.0
Total refined petroleum products	19,418	95.9	19,802	167.1	22,874	161.0	22,284	145.0	23,456	159.2	26,929	183.3
Exports (f.o.b)												
Crude oil	68,114	81.3	71,615	135.6	82,269	128.0	79,951	123.0	69,031	133.0	61,386	154.0
Refined petroleum products (1)												
Petroleum gases (2)	5,564	100.2	5,398	149.4	3,713	170.4	4,759	140.4	4,645	165.0	3,814	216.1
Motor spirit and aviation spirit	5,922	108.2	4,625	194.5	4,335	167.5	4,467	165.6	4,057	191.0	6,600	218.4
Other light oils and spirit (3)	2,339	116.4	3,554	168.9	3,419	164.4	3,648	161.3	4,952	177.0	5,125	217.3
Aviation turbine fuel (kerosene)	722	103.1	521	184.1	440	172.6	634	153.6	590	173.0	983	221.4
Other kerosene	147	164.9	194	239.7	278	218.8	407	194.8	400	205.4	524	255.4
Gas oil/Diesel oil	5,550	98.6	6,936	162.6	5,699	147.1	7,718	134.2	7,345	153.1	6,995	186.8
Fuel oil (4)	5,326	64.0	6,205	108.5	6,238	94.5	7,039	95.3	7,859	109.6	10,623	103.7
Lubricating oils	252	215.5	337	299.4	824	300.3	705	276.1	880	265.2	788	272.4
Petroleum coke	641	153.6	502	233.3	504	228.4	588	188.5	482	198.2	520	188.9
Other	195	164.4	198	173.3	212	193.3	193	181.7	204	174.8	215	177.9
Total refined petroleum products	26,658	99.1	28,469	158.1	25,661	151.5	30,160	139.9	31,414	157.7	36,188	179.4

G.3 Imports and exports of crude oil and petroleum products (continued)

	2005		2006		2007		2008		2009		2010	
	Quantity (Thousand tonnes)	Value per tonne (£)	Quantity (Thousand tonnes)	Value per tonne (£)	Quantity (Thousand tonnes)	Value per tonne (£)	Quantity (Thousand tonnes)	Value per tonne (£)	Quantity (Thousand tonnes)	Value per tonne (£)	Quantity (Thousand tonnes)	Value per tonne (£)
Imports (c.i.f.)												
Crude oil	54,050	213.1	55,780	261.6	52,394	264.5	52,159	394.1	50,675	286.7	50,457	386.4
Refined petroleum products (1)												
Petroleum gases (2)	806	458.0	820	1,008.1	1,198	316.8	1,045	445.3	532	309.0	565	449.5
Motor spirit and aviation spirit	2,773	291.7	3,322	317.5	3,163	380.9	3,189*	495.0*	3,003	388.00*	3,489	502.2
Other light oils and spirit (3)	1,788	277.3	2,154	316.0	2,577	327.5	1,472	464.4	960	379.8	819	485.6
Aviation turbine fuel (kerosene)	9,551	306.6	7,341	354.3	7,114	342.0	7,527	541.4	7,325	353.1	6,739	461.4
Other kerosene	97	324.3	322	336.2	625	354.3	615	537.6	851	357.7	892	474.8
Gas oil/diesel oil	5,688	290.5	8,520	321.4	8,781	326.7	8,481	495.5	8,175	349.9	9,763	455.6
Fuel oil (4)	6,950	167.5	8,468	196.8	9,227	225.2	4,410	326.5	4,327	256.3	3,967	349.1
Lubricating oils	426	408.2	501	542.5	592	457.6	493	691.6	461	578.7	586	690.7
Petroleum coke	973	53.9	880	70.5	486	92.7	884	112.9	813	90.5	728	106.7
Other	133	281.7	154	355.4	376	253.6	371	328.1	368	293.8	154	493.3
Total refined petroleum products	29,187	264.3	32,483	309.9	34,138	305.8	28,487	468.2	26,815	335.8	27,701	445.0
Exports (f.o.b)												
Crude oil	52,634	213.9	49,320	268.9	46,779	269.3	43,192	385.4	43,350	287.0	42,084	380.3
Refined petroleum products (1)												
Petroleum gases (2)	3,729	245.5	2,499	299.6	2,422	316.5	3,270	400.2	2,795	309.5	2,611	456.8
Motor spirit and aviation spirit	7,250	273.1	7,060	329.9	7,676	316.9	8,096	445.5	9,326	358.6	9,989	487.2
Other light oils and spirit (3)	5,811	251.2	5,102	325.0	4,953	343.2	4,020	453.7	3,508	354.6	3,146	485.6
Aviation turbine fuel (kerosene)	1,268	317.0	1,491	362.8	1,765	350.8	2,297	556.1	2,510	366.2	2,039	483.0
Other kerosene	481	338.9	381	395.5	368	393.9	262	519.9	371	370.6	386	478.1
Gas oil/Diesel oil	6,382	265.0	5,976	300.5	5,335	301.3	6,615	458.0	7,229	317.8	7,837	426.2
Fuel oil (4)	10,684	140.8	9,945	167.8	8,894	187.9	9,599	284.8	8,393	239.1	6,638	303.2
Lubricating oils	750	357.8	858	420.7	642	478.9	572	757.9	623	611.8	717	664.2
Petroleum coke	544	214.5	486	261.4	529	322.1	496	473.2	491	406.6	647	539.4
Other	287	188.8	240	202.6	148	268.6	155	328.1	123	348.9	79	533.9
Total refined petroleum products	37,188	230.0	34,037	277.0	32,733	289.0	35,381	413.6	35,370	323.4	34,090	439.3

G.3 Imports and exports of crude oil and petroleum products (continued)

	2011		2012		2013	
	Quantity (Thousand tonnes)	Value per tonne (£)	Quantity (Thousand tonnes)	Value per tonne (£)	Quantity (Thousand tonnes)	Value per tonne (£)
Imports (c.i.f.)						
Crude oil	53,657	523.5	55,357	537.1	48,910	523.0
Refined petroleum products (1)						
Petroleum gases (2)	546	565.2	485	583.1	599	566.1
Motor spirit and aviation spirit	2,989	636.1	3,764	665.5	3,851	647.4
Other light oils and spirit (3)	924	624.7	827	620.7	1,142	613.5
Aviation turbine fuel (kerosene)	6,904	620.1	6,507	650.4	8,110	637.9
Other kerosene	701	620.9	1,269	633.3	1,229	627.5
Gas oil/diesel oil	10,096	613.1	13,080	624.5	12,002	605.4
Fuel oil (4)	4,087	462.5	2,828	483.7	1,993	467.1
Lubricating oils	516	908.2	480	950.6	838	582.9
Petroleum coke	519	192.6	622	150.8	762	145.9
Other	180	582.9	273	519.6	614	434.6
Total refined petroleum products	27,461	592.0	30,136	616.1	31,140	595.4
Exports (f.o.b)						
Crude oil	34,356	498.4	33,950	532.2	35,577	528.3
Refined petroleum products (1)						
Petroleum gases (2)	2,362	549.1	2,271	564.9	2,079	542.7
Motor spirit and aviation spirit	10,728	639.4	9,181	659.9	9,945	615.8
Other light oils and spirit (3)	2,639	619.7	3,353	636.0	3,384	623.6
Aviation turbine fuel (kerosene)	1,561	622.6	1,566	687.5	1,204	635.5
Other kerosene	770	637.3	345	669.1	721	643.1
Gas oil/Diesel oil	9,099	558.8	9,262	599.7	7,982	571.0
Fuel oil (4)	7,135	413.2	6,516	423.4	6,044	393.0
Lubricating oils	886	822.0	710	836.1	550	874.4
Petroleum coke	840	542.0	925	468.9	552	435.2
Other	81	593.4	134	515.1	130	486.7
Total refined petroleum products	36,100	568.4	34,262	589.3	32,591	561.8

Source: H.M. Revenue and Customs

(1) Excludes pitch, mineral tars and natural gas.

(2) Includes small quantities of unidentified non-petroleum gases.

(3) Includes wide-cut gasoline, white spirit and petroleum naphthas.

(4) Includes partly refined oil for further processing.

* DECC estimates

G.4 Imports and exports of crude oil by country

	1999			2000			2001			2002			2003			2004		
	Quantity (Thousand tonnes)	Value (£million)	Value per tonne (£)	Quantity (Thousand tonnes)	Value (£million)	Value per tonne (£)	Quantity (Thousand tonnes)	Value (£million)	Value per tonne (£)	Quantity (Thousand tonnes)	Value (£million)	Value per tonne (£)	Quantity (Thousand tonnes)	Value (£million)	Value per tonne (£)	Quantity (Thousand tonnes)	Value (£million)	Value per tonne (£)
Imports (c.i.f.)																		
Middle East																		
Abu Dhabi	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dubai	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	1,026	65.1	63.47	1,573	220.0	139.90	623	72.3	116.05	324	41.7	128.68	762	89.7	117.73	1,363	190.7	139.91
Other countries	973	62.3	64.05	233	25.0	107.40	564	56.6	100.35	846	90.4	106.80	164	21.6	131.94	247	35.5	143.53
Total Middle East	1,999	127.4	63.76	1,806	245.0	135.71	1,187	128.9	108.59	1,170	132.1	112.85	926	111.3	120.24	1,611	226.2	140.47
Algeria	1,045	95.4	91.28	1,992	319.8	160.56	1,335	182.7	136.82	2,025	276.6	136.61	1,308	188.9	144.41	1,477	249.9	169.20
Angola	-	-	-	-	-	-	468	65.3	139.40	127	16.4	129.05	-	-	-	-	-	-
Latvia	342	27.7	80.96	27	2.9	105.49	80	9.7	121.08	49	6.6	134.58	16	2.5	151.26	-	-	-
Libya	-	-	-	155	27.8	179.19	-	-	-	-	-	-	129	16.4	127.15	155	23.5	151.63
Lithuania	26	2.5	93.36	-	-	-	-	-	-	86	10.2	119.46	100	11.5	114.72	-	-	-
Mexico	875	57.7	66.02	782	95.2	121.63	821	85.4	104.05	820	84.7	103.39	749	79.9	106.76	323	32.0	99.08
Netherlands	1,159	102.3	88.21	-	-	-	11	1.1	98.3	36	4.5	124.76	33	4.2	127.92	-	-	-
Nigeria	460	34.7	75.50	252	40.9	162.54	130	20.6	158.15	293	37.3	127.28	129	16.5	127.94	249	53.1	213.25
Norway	22,218	1,791.0	80.61	27,523	3,809.3	138.40	27,657	3,587.4	129.71	29,057	3,561.5	122.57	33,560	4,571.7	136.23	39,938	6,222.1	155.79
Russia	584	44.1	75.45	1,487	186.3	125.28	2,920	360.6	123.48	3,568	423.7	118.74	3,924	501.8	127.86	7,489	1,106.5	147.74
Venezuela	1,071	50.2	46.86	671	58.0	86.48	307	23.8	77.53	383	36.2	94.57	399	33.9	84.83	1,254	106.2	84.70
Other countries	3,372	186.2	55.21	2,204	314	142.6	2,780	361.2	129.93	3,301	403.3	122.18	3,106	402.0	129.43	3,599	474.0	131.70
Total Non Middle East	31,152	2,391.8	76.78	35,092	4,854	138.3	36,509	4,697.6	128.67	39,743	4,860.9	122.31	43,454	5,829.3	134.15	54,484	8,267.3	151.74
Total imports	33,151	2,519.2	75.99	36,898	5,099	138.2	37,696	4,826.5	128.04	40,913	4,993.0	122.04	44,379	5,940.6	133.86	56,095	8,493.5	151.41
Exports (f.o.b.)(1)																		
European Union																		
Belgium and Luxembourg	1,189	97.2	81.78	966	116.3	120.40	383	51.1	133.41	434	53.0	122.27	478	69.1	144.66	126	17.8	140.97
Denmark	-	-	-	-	-	-	70	9.9	140.00	64	8.0	124.00	57	7.2	128.00	-	-	-
Finland	701	52.7	75.19	816	105.0	128.76	1,058	139.2	131.58	343	44.7	130.60	328	41.8	127.49	240	41.9	174.68
France	11,326	881.9	77.87	10,330	1,376.4	133.24	12,637	1,640.6	129.82	11,018	1,353.0	122.80	11,139	1,501.8	134.83	9,454	1,461.2	154.56
Germany	11,661	977.4	83.82	11,531	1,560.9	135.37	14,550	1,892.8	130.09	9,468	1,172.4	123.82	9,354	1,250.2	133.65	11,472	1,807.7	157.57
Greece	74	6.2	83.63	-	-	-	-	-	-	134	15.6	116.15	-	-	-	-	-	-
Irish Republic	70	3.6	51.00	-	-	-	163	21.1	129.64	943	116.9	123.98	785	102.7	130.86	641	98.6	153.77
Italy	1,234	92.1	74.62	471	53.1	112.83	683	83.7	122.45	962	118.0	122.65	-	-	-	281	52.6	187.00
Netherlands	11,354	933.0	82.18	13,771	1,908.4	138.58	22,314	2,858.9	128.12	22,046	2,664.7	120.87	17,583	2,367.9	134.67	13,939	2,172.9	155.89
Portugal	1,403	106.5	75.90	694	87.2	125.61	757	98.2	129.74	998	122.3	122.55	1,071	136.7	127.63	574	86.1	150.09
Spain	3,655	286.4	78.35	2,090	277.9	132.94	2,037	262.6	128.95	911	104.3	114.54	837	115.9	138.47	177	24.9	140.87
Sweden	635	51.6	81.25	315	40.4	128.09	1,526	190.5	124.85	2,457	300.6	122.33	1,812	246.1	135.83	2,159	338.7	156.85
Poland(2)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total EU	43,302	3,488.5	80.56	40,984	5,525.6	134.82	56,177	7,248.4	129.03	49,777	6,073.5	122.01	43,443	5,839.7	134.42	39,064	6,102.5	156.22
Canada	623	42.1	67.58	1,577	199.3	126.44	3,816	452.3	118.55	4,950	594.9	120.17	3,136	397.9	126.87	2,405	340.5	141.57
Norway	99	5.6	56.39	85	7.9	92.58	385	53.0	137.64	77	9.7	127.12	287	37.8	131.69	648	94.4	145.76
U.S.A.	20,259	1,688.6	83.35	26,365	3,591.8	136.23	21,587	2,740.8	126.96	23,514	2,977.3	126.61	21,049	2,775.1	131.84	18,508	2,815.3	152.11
South Korea	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other Non EU	3,832	311.7	81.36	2,604	383.1	147.15	303	39.6	130.61	1,632	178.3	109.28	1,114	132.7	119.07	760	101.4	133.46
Total exports	68,114	5,536.6	81.28	71,615	9,707.8	135.56	82,269	10,534.1	128.05	79,951	9,833.7	123.00	69,031	9,183.2	133.03	61,386	9,454.1	154.01

G.4 Imports and exports of crude oil by country (continued)

	2005			2006			2007			2008			2009			2010		
	Quantity (Thousand tonnes)	Value (£million)	Value per tonne (£)	Quantity (Thousand tonnes)	Value (£million)	Value per tonne (£)	Quantity (Thousand tonnes)	Value (£million)	Value per tonne (£)	Quantity (Thousand tonnes)	Value (£million)	Value per tonne (£)	Quantity (Thousand tonnes)	Value (£million)	Value per tonne (£)	Quantity (Thousand tonnes)	Value (£million)	Value per tonne (£)
Imports (c.i.f.)																		
Middle East																		
Abu Dhabi	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dubai	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	40	12.3	306.58	562	164.7	293.10	432	147.9	342.11
Kuwait	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	1,358	293.0	215.85	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Other countries	489	110.0	224.97	979	242.4	247.60	164	30.2	184.00	255	97.7	382.74	241	59.3	246.41	-	-	-
Total Middle East	1,847	403.0	218.26	979	242.4	247.60	164	30.2	184.00	295	110.0	372.39	803	224.0	279.10	432	147.9	342.11
Algeria	1,157	294.4	254.51	2,178	617.5	283.48	2,523	734.2	290.96	1,586	718.9	453.16	1,194	306.6	256.86	1,230	509.9	414.71
Angola	-	0.0	-	-	0.0	-	498	140.1	281.55	1,375	568.1	413.16	953	265.3	278.36	111	37.0	331.95
Latvia	-	0.0	-	-	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-
Libya	548	120.9	220.52	1,126	302.2	268.45	927	235.0	253.50	2,047	882.6	431.19	1,872	532.6	284.44	2,727	1,070.9	392.70
Lithuania	-	0.0	-	-	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-
Mexico	168	20.3	121.22	165	30.3	183.58	442	100.6	227.38	356	119.8	336.77	-	-	-	-	-	-
Netherlands	17	4.3	253.00	22	5.7	261.84	49	15.0	307.93	91	32.5	358.86	38	11.5	306.61	75	30.2	404.30
Nigeria	388	95.4	245.93	539	141.3	262.39	885	250.4	283.05	1,991	790.7	397.09	1,842	545.1	295.91	1,738	676.9	389.55
Norway	40,072	8,754.3	218.47	39,699	10,484.7	264.11	37,474	9,968.0	266.00	35,114	13,758.7	391.83	35,007	10,141.2	289.69	36,398	14,074.5	386.68
Russia	6,986	1,443.3	206.61	7,275	1,937.4	266.30	5,400	1,419.9	262.95	5,609	2,184.4	389.47	4,068	1,155.8	284.10	3,302	1,277.7	386.93
Venezuela	1,449	151.2	104.38	1,915	339.4	177.24	1,366	237.6	174.01	835	213.1	255.20	965	217.7	225.56	650	186.0	286.20
Other countries	1,419	228.2	160.81	1,883	488.5	259.35	2,667	729.8	273.68	2,859	1178.0	411.98	3,933	1128.0	286.80	3,794	1,483.3	390.93
Total Non Middle East	52,203	11,112.5	212.87	54,801	14,346.9	261.80	52,230	13,830.6	264.80	51,863	20,446.7	394.24	49,872	14,303.8	286.81	50,024	19,346.3	386.74
Total imports	54,050	11,515.5	213.05	55,780	14,589.3	261.55	52,394	13,860.8	264.55	52,159	20,556.8	394.12	50,675	14,527.8	286.69	50,457	19,494.2	386.35
Exports (f.o.b.)(1)																		
European Union																		
Belgium and Luxembourg	135	31.8	235.65	152	45.3	298.79	155	45.5	293.41	332	124.0	373.62	46	13.2	287.76	354	139.2	392.66
Denmark	-	-	-	93	23.6	254.00	-	-	-	254	102.9	405.22	505	148.4	293.90	678	255.7	377.21
Finland	560	139.3	248.75	892	232.8	261.11	1,568	401.7	256.25	253	101.3	400.09	-	-	-	-	-	-
France	5,409	1,148.2	212.29	7,336	1,966.5	268.06	5,461	1,416.3	259.33	3,171	1,201.3	378.86	2,757	799.1	289.87	3,613	1,385.8	383.55
Germany	13,150	2,869.8	218.23	11,095	3,002.2	270.60	9,226	2,530.7	274.29	11,662	4,470.9	383.38	7,786	2,219.2	285.04	9,190	3,513.7	382.32
Greece	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Irish Republic	798	169.4	212.24	102	25.6	252.11	208	54.2	261.32	170	37.2	219.01	236	60.9	257.93	477	179.6	376.61
Italy	1,577	341.5	216.59	1,251	337.5	269.83	650	175.0	269.13	537	196.3	365.42	-	-	-	263	104.7	398.56
Netherlands	12,302	2,668.0	216.87	11,644	3,154.2	270.89	13,093	3,536.0	270.06	12,218	4,827.4	395.12	17,192	4,971.4	289.17	15,737	5,967.0	379.17
Portugal	344	73.0	212.34	618	181.1	293.05	85	24.4	288.00	-	-	-	163	45.1	276.72	80	30.5	380.00
Spain	402	92.0	228.54	84	22.0	263.00	596	163.5	274.25	1,018	383.6	376.59	1,101	307.9	279.55	332	122.9	369.66
Sweden	1,131	235.0	207.88	1,113	300.3	269.77	769	207.7	270.29	713	281.7	395.11	574	157.8	275.08	1,484	558.6	376.40
Poland(2)	87	17.1	195.89	339	82.5	243.43	420	107.9	256.99	243	88.6	365.33	323	91.8	284.55	610	248.4	407.10
Total EU	35,896	7785.3	216.89	34,718	9,373.9	270.00	32,231	8,662.9	268.78	30,570	11,815.3	386.49	30,682	8,814.9	287.30	32,820	12,506.2	381.06
Canada	1,711	318.4	186.15	2,404	651.0	270.76	1,239	300.3	242.38	584	250.7	429.49	570	172.5	302.57	611	221.0	362.00
Norway	948	208.1	219.40	301	78.2	259.80	1,222	359.5	294.27	407	119.6	293.83	355	102.4	288.36	344	130.7	380.03
U.S.A.	13,554	2,854.9	210.62	10,980	2,914.6	265.43	11,471	3,101.4	270.37	10,452	3,930.9	376.08	10,294	2,934.4	285.06	7,475	2,811.4	376.09
South Korea	-	-	-	-	-	-	-	-	-	609	322.5	529.88	522	128.3	245.59	-	-	-
Other Non EU	525	90.9	173.10	916	245.0	267.37	617	173.9	282.05	570	208.7	366.13	926	290.4	313.59	835	336.4	402.94
Total exports	52,634	11,257.5	213.88	49,320	13,262.7	268.91	46,779	12,598.0	269.31	43,192	16,647.7	385.43	43,350	12,442.9	287.04	42,084	16,005.7	380.33

G.4 Imports and exports of crude oil by country (continued)

	2011			2012			2013		
	Quantity (Thousand tonnes)	Value (£million)	Value per tonne (£)	Quantity (Thousand tonnes)	Value (£million)	Value per tonne (£)	Quantity (Thousand tonnes)	Value (£million)	Value per tonne (£)
Imports (c.i.f.)									
Middle East									
Abu Dhabi									
Dubai									
Iran	692	330.2	476.93	165	83.2	505.38			
Kuwait							1	1	
Oman									
Saudi Arabia	144	79.4	550.04	539	276.3	512.97	1,882	969.5	515.02
Other countries	436	218.2	501.00	79	44.2	561.20	279	149.9	537.07
Total Middle East	1,272	627.7	493.46	782	403.7	516.23	2,163	1,120.0	517.88
Algeria	2,514	1,364.5	542.65	3,299	1,887.4	572.11	6,032	3,256.0	539.83
Angola	465	236.2	507.48	1,522	780.2	512.59	1,236	621.9	503.04
Latvia									
Libya	741	366.5	494.43	2,968	1,622.8	546.77	2,212	1,195.2	540.29
Lithuania									
Mexico									
Netherlands	73	36.4	501.88	50	26.2	521.37	81	43.1	533.12
Nigeria	3,494	1,865.9	533.96	6,808	3,668.2	538.83	5,556	2,967.1	534.08
Norway	35,790	18,808.5	525.52	27,814	15,028.9	540.33	20,290	10,582.6	521.56
Russia	4,399	2,316.1	526.51	6,329	3,321.2	524.73	3,585	1,851.8	516.58
Venezuela	672	242.8	361.14	707	270.3	382.45	544	211.2	388.09
Other countries	4,235	2,222.4	524.74	5,078	2,723.0	536.28	7,212	3,732.0	517.48
Total Non Middle East	52,385	27,459.3	524.18	54,575	29,328.4	537.39	46,747	24,460.9	523.26
Total imports	53,657	28,087.1	523.45	55,357	29,732.1	537.10	48,910	25,580.9	523.02
Exports (f.o.b.)(1)									
European Union									
Belgium and Luxembourg	581	298.9	513.99	122	67.6	555.15	242	132.7	549.18
Denmark	430	217.4	505.90	248	130.4	525.05	676	354.9	525.39
Finland							236	121	514
France	3,910	1,978.0	505.85	2,920	1,592.7	545.43	4,409	2,341.4	531.05
Germany	7,340	3,686.6	502.24	9,007	4,832.4	536.50	6,737	3,593.1	533.36
Greece									
Irish Republic	753	420.0	557.44	2	1.0	419.08	107	56.4	528.42
Italy	1,111	559.8	503.75	15	7.3	497.37	500	257.7	515.04
Netherlands	11,563	5,664.7	489.89	13,331	7,131.6	534.98	12,497	6,608.4	528.79
Portugal	52	29.2	564.75	0	0.0	2358.33			
Spain	156	85.0	543.93	83	42.6	510.53	892	459.3	515.21
Sweden	1,135	577.5	509.03	1,570	838.7	534.31	833	458.5	550.14
Poland(2)	1,263	581.5	460.33				249	131	527
Total EU	28,295	14,098.5	498.27	27,299	14,644.4	536.45	27,377	14,514.8	530.19
Canada	376	196.4	521.92	317	160.8	506.56	0	0.2	2513.76
Norway	158	75.4	477.52	236	120.8	512.75	323	175.0	541.57
U.S.A.	4,437	2,138.9	482.04	1,688	841.2	498.40	2,707	1,409.5	520.70
South Korea	272	152.9	563.29	4,128	2,154.3	521.82	3,568	1,867.0	523.20
Other Non EU	818	460.9	563.21	282	146.2	518.58	1,602	830.7	518.42
Total exports	34,356	17,122.9	498.40	33,950	18,067.7	532.19	35,577	18,797.0	528.34

Source: HM Revenue and Customs

(1) Includes re-exports.

(2) Poland Joined the EU in May 2004, before this time any data for Poland is included in the Non EU category.

G.5 Physical imports and exports of gas ⁽¹⁾

	GWh																	
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Imports																		
Interconnector via Belgium (2)	-	-	692	471	2,955	4,015	6,645	4,387	25,592	24,108	30,505	6,471	12,174	7,945	13,568	4,032	14,264	35,367
Netherlands (3)	-	-	-	-	-	-	-	-	-	-	9,135	76,602	90,563	69,529	87,120	69,001	78,258	81,519
Norway (by pipe) (4)	19,804	14,061	9,374	7,020	11,279	12,734	37,886	71,753	95,359	127,895	157,035	225,764	283,722	260,438	276,807	234,194	294,586	305,516
Liquefied Natural Gas (LNG) (5)	-	-	-	-	-	-	-	-	-	5,453	37,576	14,903	9,046	112,238	206,846	274,794	150,097	102,620
of which from:																		
Algeria	-	-	-	-	-	-	-	-	-	4,575	20,718	6,605	3,160	19,683	11,697	2,687	1,311	4,492
Australia	-	-	-	-	-	-	-	-	-	-	-	-	-	824	0	0	0	0
Egypt	-	-	-	-	-	-	-	-	-	-	12,465	1,751	0	5,891	1,282	890	145	755
Nigeria	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3,729	13,025	475	0
Norway	-	-	-	-	-	-	-	-	-	-	-	-	-	1,890	9,038	10,114	1,735	1,068
Qatar	-	-	-	-	-	-	-	-	-	-	779	2,693	0	62,076	162,384	234,077	146,431	95,204
Trinidad & Tobago	-	-	-	-	-	-	-	-	-	878	3,614	3,854	5,886	21,873	16,896	5,903	0	1,101
USA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,575	0	0
Yemen	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,821	6,521	0	0
Total Imports	19,804	14,061	10,066	7,491	14,234	16,749	44,531	76,140	120,951	157,456	234,251	323,740	395,505	450,150	584,341	582,021	537,205	525,022
Exports																		
Interconnector via Belgium (2)	-	-	1,761	45,459	94,574	80,846	91,189	122,648	60,060	36,641	60,195	51,390	45,949	62,084	95,932	101,526	50,343	27,458
Netherlands (6)	8,936	10,481	10,550	8,816	7,723	5,640	4,837	3,424	2,887	4,261	3,371	6,358	10,389	13,094	15,830	17,544	23,729	18,597
Norway (7)	-	-	-	-	-	-	-	-	-	-	-	153	389	266	158	125	49	20
Republic of Ireland (8)	6,266	11,184	18,776	24,723	32,248	38,129	38,743	40,806	39,084	39,407	47,247	50,972	54,260	54,357	56,266	58,041	57,590	53,508
Total Exports	15,202	21,665	31,087	78,998	134,545	124,615	134,769	166,878	102,031	80,309	110,813	108,873	110,987	129,801	168,186	177,236	131,711	99,583
Net Imports (9)	-4,602	-7,604	-21,021	-71,507	-120,311	-107,866	-90,238	-90,738	+18,920	+77,147	+123,438	+214,867	+284,518	+320,349	+416,155	+404,785	+405,494	+425,439

Source: DECC

(1) See paragraph G23.

(2) Physical flows of gas through the Bacton-Zeebrugge Interconnector as opposed to the nominated flows used by National Grid.

(3) Physical flows via the Bacton-Balgzand (BBL) pipeline. Commissioned in November 2006.

(4) Currently via the Langeled and Vesterled pipelines, the Tampen Link (from Statfjord to the FLAGS pipeline and then to St Fergus) and Gjoa/Vega (to St Fergus via the FLAGS pipeline).
Prior to 2005 includes the Norwegian share of the Frigg field.

(5) From various sources to the Isle of Grain, Milford Haven (South Hook and Dragon) and Teesside Gasport.

(6) Direct exports from the Grove, Chiswick, Markham, Minke, Stamford, Windermere and Wingate offshore gas fields using the Dutch offshore gas pipeline infrastructure.

(7) With effect from September 2007, UK gas from the Blane field to the Norwegian Ula field for injection into the Ula reservoir.

(8) Includes gas to the Isle of Man for which separate figures are not available.

(9) A negative figure means the UK was a net exporter of gas.

G.6 Value of imports and exports of fuels ⁽¹⁾⁽²⁾

		£ million				
		1970	1971	1972	1973	1974
Imports (c.i.f.)	Coal and other solid fuels	2	46	57	27	66
	Crude oil	687	930	914	1,296	3,726
	Petroleum products ⁽³⁾	242	259	257	389	823
	Natural gas	11	10	9	9	8
	Electricity	2	-	2	-	-
Total imports		944	1,245	1,239	1,721	4,623
Exports (f.o.b.)	Coal and other solid fuels	29	22	17	27	65
	Crude oil	8	10	21	23	29
	Petroleum products ⁽⁴⁾	170	204	201	320	681
Total exports		207	236	239	370	775
Imports (f.o.b.)	Oil ⁽⁵⁾	816	1,068	1,053	1,498	4,340
	Other fuels ⁽⁶⁾	17	48	63	34	77
Total imports		833	1,116	1,116	1,532	4,417
Net exports ⁽⁸⁾		-503	-696	-660	-948	-3,372
(B.O.P basis)		+14	-24	-44	-4	-6
Total net exports		-489	-720	-704	-952	-3,378
		1975	1976	1977	1978	1979
Imports (c.i.f.)	Coal and other solid fuels	110	86	84	82	148
	Crude oil	3,371	4,445	3,971	3,506	3,678
	Petroleum products ⁽³⁾	810	1,089	1,128	1,023	1,591
	Natural gas	14	21	44	188	356
	Electricity	1	-	-	-	-
Total imports		4,306	5,641	5,227	4,799	5,773
Exports (f.o.b.)	Coal and other solid fuels	84	72	80	90	100
	Crude oil	30	178	918	1,236	2,710
	Petroleum products ⁽⁴⁾	705	1,004	1,086	1,038	1,500
Total exports		819	1,254	2,084	2,364	4,310
Imports (f.o.b.)	Oil ⁽⁵⁾	4,043	5,407	5,051	4,504	5,242
	Other fuels ⁽⁶⁾	122	121	154	291	517
Total imports		4,165	5,528	5,205	4,795	5,759
Net exports ⁽⁸⁾		-3,051	-3,922	-2,723	-1,930	-721
(B.O.P basis)		-29	-28	-41	-151	-351
Total net exports		-3,080	-3,950	-2,764	-2,081	-1,072
		1980	1981	1982	1983	1984
Imports (c.i.f.)	Coal and other solid fuels	228	171	218	264	651
	Crude oil	4,292	4,112	3,951	3,308	3,993
	Petroleum products ⁽³⁾	1,856	2,173	2,413	2,506	4,360
	Natural gas	521	699	815	977	1,307
	Electricity	-	-	-	-	-
Total imports		6,897	7,155	7,397	7,055	10,311
Exports (f.o.b.)	Coal and other solid fuels	180	372	330	239	88
	Crude oil	4,220	7,096	8,542	10,111	12,173
	Petroleum products ⁽⁴⁾	2,017	2,148	2,365	2,776	3,047
Total exports		6,417	9,616	11,237	13,126	15,308
Imports (f.o.b.)	Oil ⁽⁵⁾	6,182	6,366	6,390	5,879	8,274
	Other fuels ⁽⁶⁾	742	883	1,081	1,274	2,029
Total imports		6,924	7,249	7,471	7,153	10,303
Net exports ⁽⁸⁾		+280	+3,092	+4,607	+6,891	+6,860
(B.O.P basis)		-446	-375	-530	-672	-1,572
Total net exports		-166	+2,717	+4,077	+6,219	+5,288

G.6 Value of imports and exports of fuels ⁽¹⁾⁽²⁾ (continued)

£ million

		1985	1986	1987	1988	1989
Imports (c.i.f.)	Coal and other solid fuels	716	456	390	472	513
	Crude oil	4,341	2,440	2,703	2,044	3,079
	Petroleum products ⁽³⁾	4,071	2,079	1,880	1,546	1,889
	Natural gas	1,511	1,320	878	692	615
	Electricity	-	80	242	268	305
Total imports		10,639	6,375	6,093	5,022	6,401
Exports (f.o.b.)	Coal and other solid fuels	178	190	109	96	109
	Crude oil	13,006	6,281	6,765	4,515	4,024
	Petroleum products ⁽⁴⁾	3,611	2,200	1,893	1,646	2,039
Total exports		16,795	8,671	8,767	6,257	6,172
Imports (f.o.b.)	Oil ⁽⁵⁾	8,385	4,547	4,751	3,645	5,102
	Other fuels	2,257	1,877	1,561	1,470	1,482
Total imports		10,642	6,424	6,312	5,115	6,584
Net exports ⁽⁶⁾	Oil ⁽⁵⁾	+8,030	+4,012	+4,045	+2,685	+1,222
(B.O.P basis)	Other fuels	-1,595	-1,413	-1,258	-1,228	-1,226
Total net exports		+6,435	+2,599	+2,787	+1,457	-4
		1990	1991	1992	1993	1994
Imports (c.i.f.)	Coal and other solid fuels	630	734	744	731	598
	Crude oil	4,033	3,887	3,745	4,078	3,241
	Petroleum products ⁽³⁾	2,427	2,063	1,711	1,766	1,689
	Natural gas	519	472	397	327	231
	Electricity	225	343	369	426	388
Total imports		7,834	7,499	6,966	7,328	6,148
Exports (f.o.b.)	Coal and other solid fuels	119	97	63	73	75
	Crude oil	5,172	4,370	4,413	5,147	6,095
	Petroleum products ⁽⁴⁾	2,455	2,640	2,401	3,149	2,776
	Natural gas	-	-	2	28	45
	Electricity	25	-	-	-	-
Total		7,771	7,107	6,879	8,397	8,991
Net exports (OTS basis)	Coal and other solid fuels	-511	-637	-681	-658	-523
	Crude oil	1,139	483	668	1,069	2,854
	Petroleum products ⁽³⁾	28	577	690	1,383	1,087
	Natural gas	-519	-472	-395	-299	-186
	Electricity	-200	-343	-369	-426	-388
Total net exports (OTS)		-63	-392	-87	1,069	2,843
Imports (f.o.b.)	Oil ⁽⁵⁾	6,443	6,010	5,562	6,012	5,142
	Other fuels	1,471	1,613	1,561	1,461	1,200
Total imports		7,914	7,623	7,123	7,473	6,342
Net exports ⁽⁶⁾	Oil ⁽⁵⁾	+1,631	+1,274	+1,610	+2,612	+3,937
(B.O.P basis)	Other fuels	-1,147	-1,260	1,254	-1,010	-787
Total net exports (BOP)		+484	+14	+356	+1,602	+3,150
		1995	1996	1997	1998	1999
Imports (c.i.f.)	Coal and other solid fuels	601	694	714	687	599
	Crude oil	3,236	4,035	3,647	2,170	2,273
	Petroleum products ⁽³⁾	1,542	1,821	1,433	1,415	1,961
	Natural gas	105	117	103	43	27
	Electricity	408	391	406	374	396
Total imports		5,892	7,058	6,303	4,689	5,256
Exports (f.o.b.)	Coal and other solid fuels	70	82	82	69	61
	Crude oil	6,428	7,426	6,322	4,485	6,148
	Petroleum products ⁽⁴⁾	2,621	3,268	3,239	2,328	2,849
	Natural gas	54	65	80	80	230
	Electricity	-	2	1	3	8
Total exports		9,174	10,843	9,724	6,965	9,297
Net exports (OTS basis)	Coal and other solid fuels	-531	-612	-632	-618	-537
	Crude oil	3,192	3,391	2,675	2,315	3,875
	Petroleum products ⁽³⁾	1,079	1,447	1,806	913	888
	Natural gas	-51	-52	-23	37	203
	Electricity	-408	-389	-405	-371	-387
Total net exports (OTS)		3,282	3,785	3,421	2,276	4,041
Imports (f.o.b.)	Oil ⁽⁵⁾	5,061	6,118	5,679	4,225	5,001
	Other fuels	1,100	1,166	1,145	941	782
Total imports		6,161	7,284	6,824	5,166	5,783
Net exports ⁽⁶⁾	Oil ⁽⁵⁾	4,323	4,810	4,560	2,676	4,012
(B.O.P basis)	Other fuels	-542	-516	-368	-458	20
Total net exports (BOP)		3,781	4,294	4,192	2,218	4,032

G.6 Value of imports and exports of fuels ⁽¹⁾⁽²⁾ (continued)

		£ million				
		2000	2001	2002	2003	2004
Imports (c.i.f.)						
	Coal and other solid fuels	696	1,198	875	994	1,482
	Crude oil	5,095	5,090	4,986	5,954	8,496
	Petroleum products ⁽³⁾	3,430	3,693	3,244	3,876	5,194
	Natural gas	135	187	260	135	670
	Electricity	373	179	189	171	347
Total imports		9,729	10,347	9,554	11,131	16,189
Exports (f.o.b.)						
	Coal and other solid fuels	74	61	62	53	60
	Crude oil	10,177	10,486	9,802	9,240	9,338
	Petroleum products ⁽⁴⁾	4,867	4,236	4,302	5,162	6,564
	Natural gas	577	746	848	946	645
	Electricity	5	3	101	181	151
Total exports		15,699	15,531	15,115	15,581	16,759
Net exports (OTS basis)						
	Coal and other solid fuels	-623	-1,136	-813	-941	-1,422
	Crude oil	5,082	5,396	4,816	3,286	842
	Petroleum products ⁽³⁾	1,437	543	1,058	1,285	1,370
	Natural gas	441	559	588	811	-25
	Electricity	-368	-176	-89	10	-195
Total net exports (OTS)		5,971	5,185	5,561	4,450	570
Imports (f.o.b.)						
	Oil ⁽⁵⁾	9,531	9,948	9,577	11,575	15,717
	Other fuels	998	1,300	1,042	1,000	2,286
Total imports		10,529	11,248	10,619	12,575	18,003
Net exports ⁽⁶⁾						
	Oil ⁽⁵⁾	5,935	4,658	4,584	2,916	375
(B.O.P basis)						
	Other fuels	456	259	633	949	-609
Total net exports (BOP)		6,391	4,917	5,217	3,865	-234
		2005	2006	2007	2008	2009
Imports (c.i.f.)						
	Coal and other solid fuels	1,963	2,203	2,080	3,661	2,676
	Crude oil	11,519	14,580	11,685	20,538	14,520
	Petroleum products ⁽³⁾	7,852	9,788	12,568	13,256	9,468
	Natural gas	1,731	2,512	2,883	6,426	4,773
	Electricity	442	421	239	483	259
Total imports		23,507	29,504	29,454	44,364	31,696
Exports (f.o.b.)						
	Coal and other solid fuels	65	49	73	156	108
	Crude oil	10,733	12,760	12,630	16,586	12,499
	Petroleum products ⁽⁴⁾	8,305	9,627	9,301	14,733	11,375
	Natural gas	737	1,315	996	1,945	1,218
	Electricity	102	105	108	110	161
Total exports		19,942	23,855	23,109	33,531	25,361
Net exports (OTS basis)						
	Coal and other solid fuels	-1,898	-2,155	-2,007	-3,505	-2,568
	Crude oil	-786	-1,820	945	-3,952	-2,021
	Petroleum products ⁽³⁾	453	-161	-3,266	1,478	1,906
	Natural gas	-995	-1,197	-1,887	-4,481	-3,554
	Electricity	-340	-316	-130	-373	-99
Total net exports (OTS)		-3,566	-5,649	-6,345	-10,833	-6,336
Imports (f.o.b.)						
	Oil ⁽⁵⁾	22,403	26,447	27,120	38,390	28,020
	Other fuels	4,002	4,916	5,147	10,583	7,439
Total imports		26,405	31,363	32,267	48,973	35,459
Net exports ⁽⁶⁾						
	Oil ⁽⁵⁾	-2,662	-3,853	-4,723	-6,533	-3,452
(B.O.P basis)						
	Other fuels	-2,320	-2,787	-3,212	-7,044	-5,082
Total net exports (BOP)		-4,982	-6,640	-7,935	-13,577	-8,534

G.6 Value of imports and exports of fuels ⁽¹⁾⁽²⁾ (continued)

		2010	2011	2012	2013 ⁽⁷⁾
Imports (c.i.f.)	Coal and other solid fuels	1,908	3,027	3,177	3,213
	Crude oil	19,490	28,080	30,352	25,546
	Petroleum products ⁽³⁾	12,307	16,159	18,892	18,557
	Natural gas	7,121	10,203*	10,074*	11,337*
	Electricity	326	467	674	937
Total imports		41,152	57,937	63,169	59,590
Exports (f.o.b.)	Coal and other solid fuels	228	185	324	171
	Crude oil	15,796	17,052	16,810	19,395
	Petroleum products ⁽⁴⁾	14,958	20,153	22,036	19,051
	Natural gas	2,507	3,356*	3,036*	2,511*
	Electricity	204	138	102	168
Total exports		33,692	40,884	42,308	41,296
Net exports (OTS basis)					
	Coal and other solid fuels	-1,680	-2,842	-2,853	-3,042
	Crude oil	-3,694	-11,029	-13,542	-6,151
	Petroleum products ⁽³⁾	2,651	3,994	3,144	494
	Natural gas	-4,615	-6,847	-7,038	-8,827
	Electricity	-121	-329	-572	-769
Total net exports (OTS)		-7,460	-17,052	-20,861	-18,294
Imports (f.o.b.)	Oil ⁽⁵⁾	36,010	49,461	54,495	49,061
	Other fuels	8,863	12,353	11,404	12,481
Total imports		44,873	61,814	65,899	61,542
Net exports ⁽⁸⁾	Oil ⁽⁵⁾	-4,722	-11,495	-15,004	-10,096
(B.O.P basis)	Other fuels	-5,059	-7,639	-6,885	-8,819
Total net exports (BOP)		-9,781	-19,134	-21,889	-18,915

Source: Office for National Statistics

(1) See Energy Trends at <https://www.gov.uk/government/organisations/department-of-energy-climate-change/about/statistics> for the latest DECC quarterly estimates

(2) See notes in Foreign Trade section of this and earlier editions of the Digest

(3) Includes petroleum products not used as fuel, eg lubricants, and liquefied petroleum gases other than natural gas.

(4) Includes petroleum products not used as fuel, eg lubricants, and liquefied petroleum gases, and small quantities of natural gas.

(5) Crude oil and petroleum products.

(6) Data prior to 1985 include small quantities of non-fuel products (eg peat). These items are excluded from the c.i.f. import data and the export data.

(7) Provisional.

(8) Net exports are the difference between exports and imports on a Balance of Payments (B.O.P) basis – see Table G.1 for figures in the period 2001 to 2012.

*DECC estimates