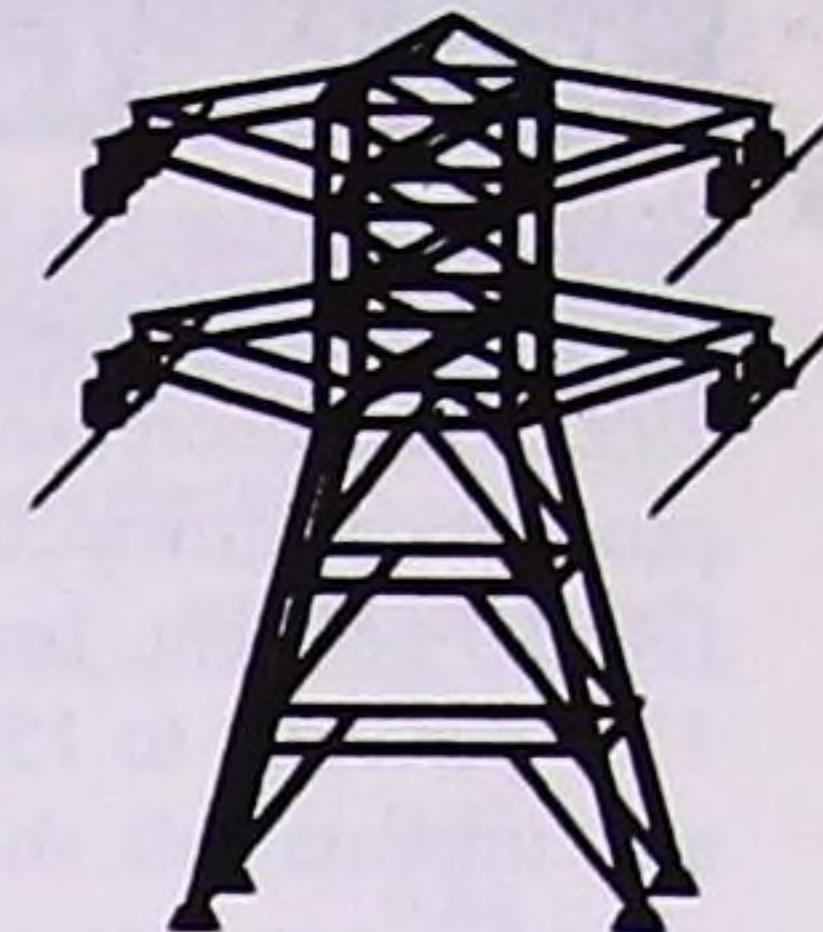


ENERGY Trends



A Statistical Bulletin from the Department of Trade & Industry

MAIN POINTS

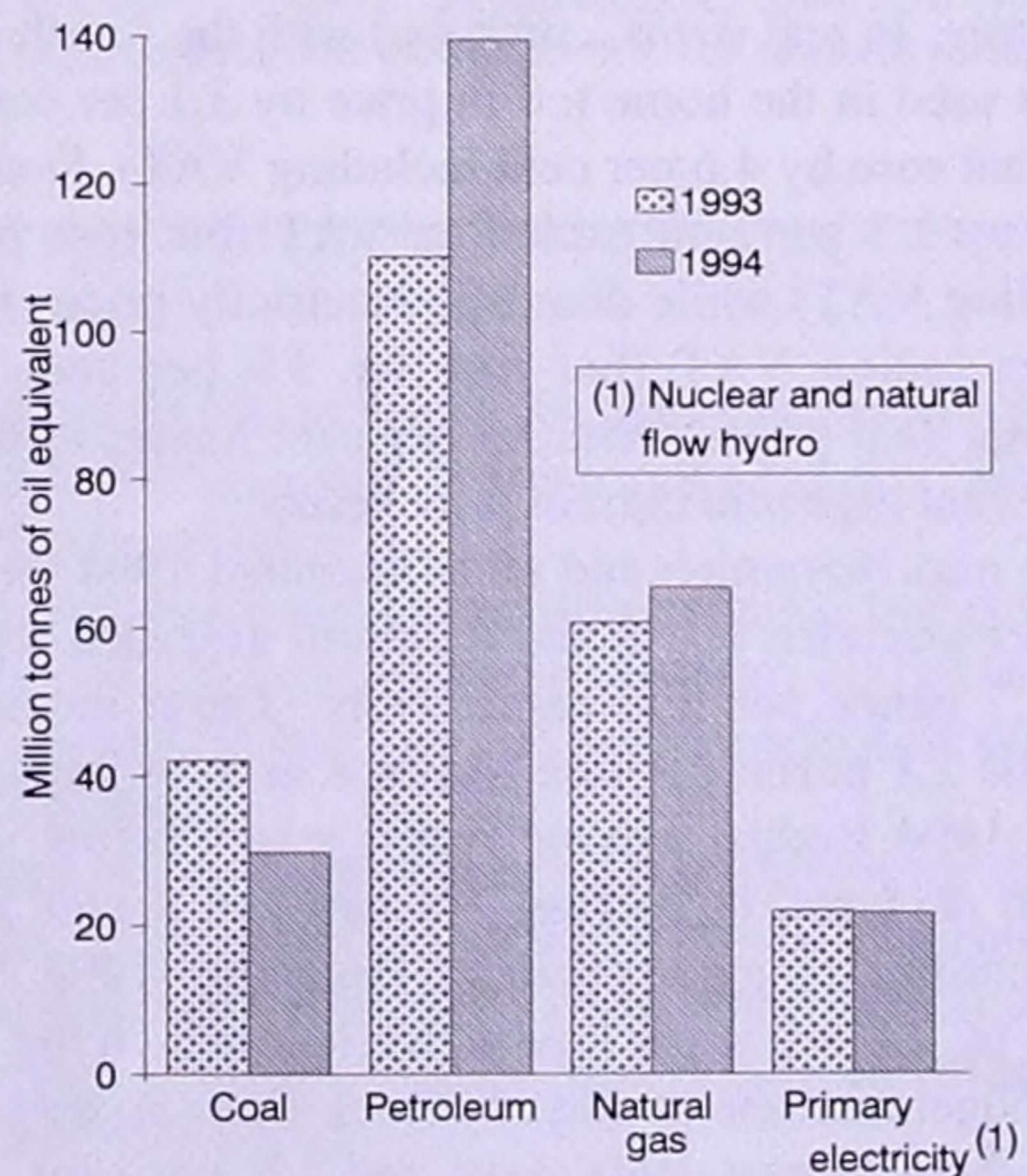
- ★ Total production of primary fuels in 1994 was 9 per cent higher than in 1993 with falls in coal production (29 per cent) being more than offset by increases in production of oil (27 per cent), and natural gas (8 per cent).
- ★ Total consumption of primary fuels was slightly less in 1994 than in 1993, but after temperature correction and seasonal adjustment, was ½ per cent higher. Consumption of coal and oil were down, but consumption of natural gas increased by 9 per cent.
- ★ The volume of UK shipments (exports) of crude oil and NGLs in 1994 was 29 per cent above shipments in 1993, reflecting the large increase in indigenous production.
- ★ The overall price of fuels used in the home (excluding VAT) fell in real terms in 1994 by 3½ per cent. Gas prices fell by 2 per cent and electricity prices by 4½ per cent. After including VAT at 8 per cent overall prices rose by 2½ per cent; gas prices rose by 4 per cent, and electricity prices by 1½ per cent. Motor fuel prices rose by 2½ per cent in real terms.
- ★ The supplement on the back page carries an article on energy production and consumption in 1994.

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TOTAL ENERGY PRODUCTION (Table 1)

Indigenous production of primary fuels in the fourth quarter of 1994, at 69.6 million tonnes of oil equivalent was 1.4 per cent more than in the corresponding period a year ago. Production of coal, natural gas and nuclear electricity all fell, by 26.3 per cent,

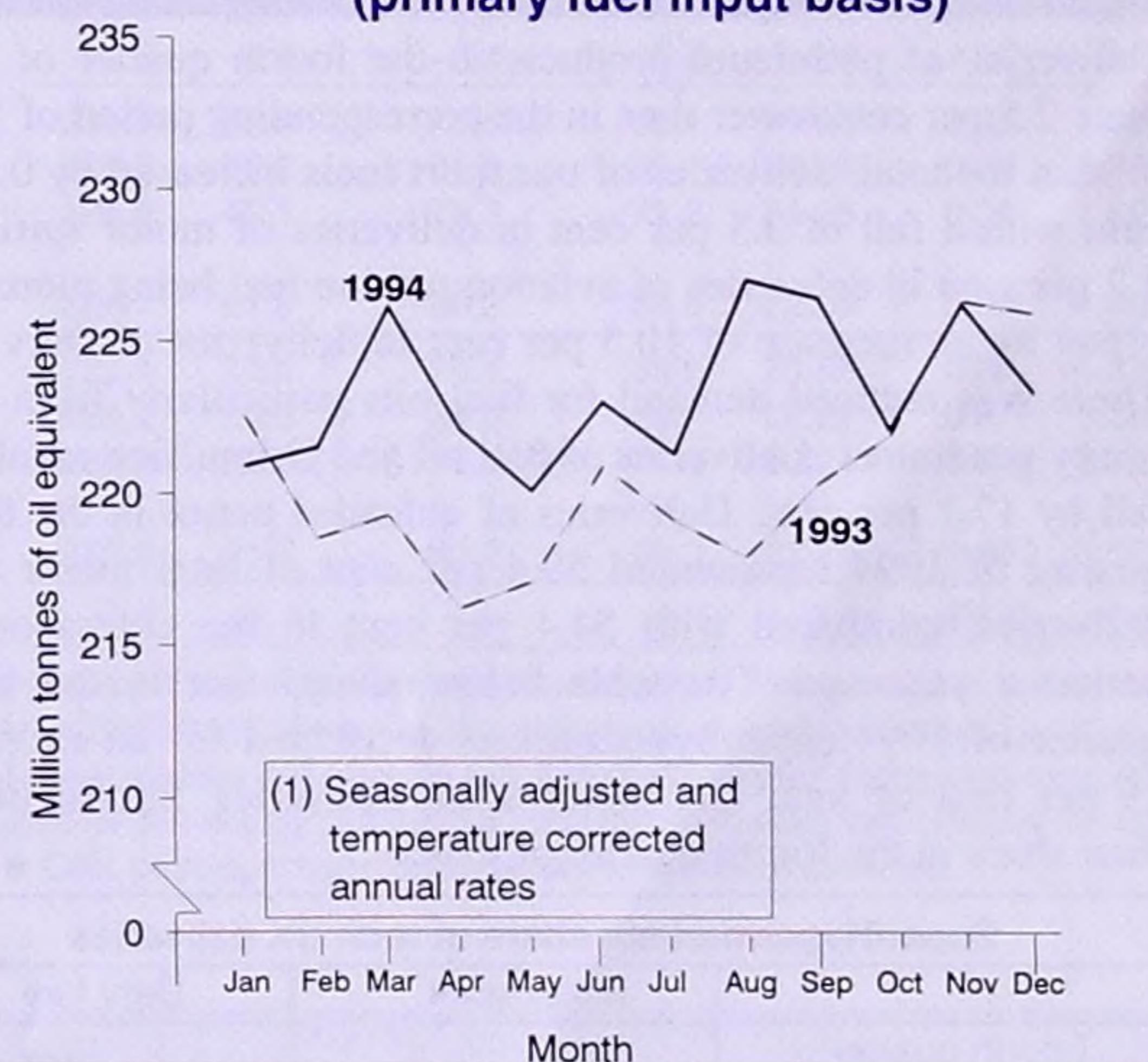
Chart 1 : Production of indigenous primary fuels in 1993 and 1994



TOTAL ENERGY CONSUMPTION (Table 2)

Total inland energy consumption, on a primary fuel input basis, in the fourth quarter of 1994 was equivalent to 58.1 million tonnes of oil, 7.2 per cent less than in the corresponding period of 1993. Consumption of coal, petroleum, natural gas and nuclear electricity all fell, by 6.0 per cent, 4.8 per cent, 10.8 per cent and 6.2 per cent respectively. This fall was mainly due to reduced demand for heating fuels caused by the considerably milder weather in the final quarter of 1994 compared to a year earlier.

Chart 2 : Total inland consumption ⁽¹⁾ (primary fuel input basis)



On a seasonally adjusted and temperature corrected basis, total consumption in the fourth quarter of 1994 was 0.3 per cent lower than the corresponding quarter of 1993. On this basis, consumption of coal and nuclear electricity fell by 1.1 per cent and 5.3 per cent respectively, whilst natural gas consumption rose by 1.1 per cent. Petroleum consumption remained unchanged.

Consumption of primary fuels in 1994 as a whole was equivalent to 219.4 million tonnes of oil, 1.4 per cent less than in 1993. However, the average temperature for the year was just under one Centigrade degree higher than for 1993, and total consumption in 1994, on a temperature corrected basis, was 0.5 per cent higher than in 1993. Further details are on the back page.

Continued on next page



COAL (Tables 4 to 7)

Provisional figures for 1994, British Coal's final year, show that total production was 48 million tonnes, 29.6 per cent less than in 1993. The decrease is largely a result of a fall in deep-mined production, down 38.4 per cent; production from opencast sites fell 2.3 per cent. Imports of coal are estimated to have fallen by 13.9 per cent, to 15.9 million tonnes. Although both production and imports fell sharply in 1994, consumption of coal fell by only 5.1 per cent compared with 1993. This difference largely reflects an increase in consumption of coal stocks by electricity generators; their stocks at the end of 1994 were 14.5 million tonnes lower than a year ago.

GAS (Tables 8 and 9)

Provisional data for the fourth quarter of 1994 show that gross production was 5.9 per cent lower than in the corresponding period a year earlier. Exports to Europe from the Markham field were 2,605 gigawatt hours in the fourth quarter of 1994, reducing the UK's net imports of natural gas by 44.9 per cent. Imported supplies were 2.7 per cent of the total gas available compared to 5.5 per cent a year earlier. Gas supplied through the inland transmission system was 11.1 per cent less than in the fourth quarter of 1993.

Provisional data for 1994 as a whole show that gross production was 7.3 per cent higher than in 1993. Exports from the Markham field were 9,557 gigawatt hours in 1994, reducing the UK's net imports of natural gas by 28.9 per cent. Imported supplies were 4.5 per cent of the total, compared to 6.9 per cent a year earlier. Gas supplied through the inland transmission system was 3.9 per cent more than in 1993.

PETROLEUM (Tables 10 to 16)

Deliveries of petroleum products in the fourth quarter of 1994 were 2.5 per cent lower than in the corresponding period of 1993. Within the total, deliveries of transport fuels increased by 0.8 per cent with a fall of 3.5 per cent in deliveries of motor spirit and 1.2 per cent in deliveries of aviation turbine fuel being more than offset by an increase of 10.5 per cent in deliveries of Derv fuel. There was reduced demand for fuel oils particularly from electricity generators. Deliveries of fuel oil and Orimulsion combined fell by 17.1 per cent. Deliveries of unleaded petrol in the fourth quarter of 1994 represented 59.4 per cent of total motor spirit deliveries, compared with 54.4 per cent in the corresponding period a year ago. The table below shows that in the fourth quarter of 1994 super/hypermarkets accounted for an estimated 19 per cent of total UK motor spirit deliveries, almost double their share in the fourth quarter of 1990.

Super/Hypermarkets share of total UK deliveries		
	Motor spirit	Derv fuel
Fourth quarter:		
1990	10	-
1991	10	1
1992	14	1
1993	15	3
1994	19	4

Deliveries of petroleum products for inland consumption in 1994 were 1.5 per cent lower than in 1993. Of the transport fuels (which increased overall by 0.6 per cent), deliveries of aviation turbine fuel and derv fuel increased by 1.4 per cent and 9.1 per cent respectively, whilst deliveries of motor spirit fell by 3.9 per cent. Deliveries of fuel oils (including Orimulsion) fell by 14.2 per cent. Unleaded petrol deliveries in 1994 represented 57.6 per cent of all motor spirit, compared with 52.6 per cent in 1993.

The increase in crude oil and natural gas liquids production in 1994 of 26.8 per cent compared with 1993 was reflected in a 28.5 per cent increase in shipments (exports) and a 14.6 per

cent reduction in arrivals (imports). Net shipments in 1994 were over 3 times the tonnage in 1993.

ELECTRICITY (Tables 17 to 22)

Total electricity supplied in 1994 as a whole by the major power producers was 1.2 per cent greater than in 1993 but the mix of plant supplying the electricity changed substantially. Conventional steam stations supplied only 59 per cent of the electricity compared with nearly 64 per cent in 1993 while combined cycle gas turbine stations (CCGTs) supplied 13 per cent in 1994 compared with only 8 per cent in 1993.

Electricity supplied by the major power producers in the latest three months (October to December 1994) was 2.3 per cent lower than a year earlier mainly due to much milder weather over this autumn period than in the autumn of 1993. The supply from nuclear stations fell by 4.5 per cent because of temporary closure of the Dungeness B and Heysham I stations, but CCGTs supplied 17.0 per cent more electricity than in the three months to December 1993. The supply from coal-fired conventional steam stations during the period fell by 3.3 per cent, while the supply from oil-fired stations showed a much larger 44.4 per cent drop in the face of competition from other fuels. When electricity available from other UK sources (which was 17.6 per cent less than a year ago) and imports (up 1.1 per cent) are included, total electricity available through the public distribution system was 2.5 per cent lower than a year earlier.

Fuel used in 1994 as a whole by the major power producers was 0.2 per cent lower than 1993. Coal use was 5.4 per cent down and oil use 18.8 per cent down while the amount of gas used was 44.8 per cent higher and nuclear and hydro sources were 0.6 per cent lower. Fuel used by major power producers in the three months to December 1994 was 3.4 per cent lower than in the corresponding period of 1993. Coal use was 3.2 per cent down on a year earlier and oil use 31.8 per cent down, while the amount of gas used was 12.5 per cent higher than a year earlier but nuclear and hydro sources were 4.4 per cent lower.

PRICES (Tables 25 to 29)

After allowing for inflation (as measured by the GDP deflator) of 2.0 per cent over the year, the price of fuels used in the home (excluding VAT) fell by 3.5 per cent. Gas prices fell by 2.0 per cent and electricity prices by 4.4 per cent. After including VAT, overall prices rose by 2.4 per cent in real terms in 1994 which is less than the 8 per cent VAT imposed from April 1994. Domestic gas prices rose by 4.0 per cent, and electricity prices by 1.3 per cent. The price of coal rose by 4.4 per cent but heating oil prices fell by 1.8 per cent. Motor fuel prices in 1994 were 2.4 per cent higher in real terms than in 1993.

Corresponding figures for the final quarter of 1994 show a similar picture. In real terms, compared with the fourth quarter of 1993, fuels used in the home fell in price by 3.1 per cent excluding VAT (but rose by 4.6 per cent including VAT). Domestic gas prices fell by 1.7 per cent excluding VAT (but rose by 6.3 per cent including VAT) while domestic electricity prices fell by 3.8 per cent excluding VAT (but rose by 3.9 per cent including VAT). Motor fuel prices were 2.3 per cent higher in real terms, but 4.1 per cent higher in current price terms.

Between mid-November and mid-December 1994 the prices of 4 star, super unleaded petrol and premium unleaded rose by 1.9, 1.8, and 1.7 pence per litre respectively. These increases were less than the 2.1 pence per litre increase in duty imposed in the November 1994 Budget leaving petrol prices below their 1994 peak which occurred in August, but between 4 and 5 per cent higher (according to grade) than in December 1993. Derv fuel prices rose by 2.2 pence per litre which is less than the 2.7 pence per litre Budget increase in duty, but took Derv prices to a higher level than their August 1994 peak and 2.8 per cent above the average price in December 1993. These motor fuel prices were recorded before the December mini-budget added a further one penny per litre (from 1 January 1995).

TOTAL ENERGY

TABLE 1. Indigenous production of primary fuels¹

Million tonnes of oil equivalent

	Total	Coal ²	Petroleum ^{3,4}	Natural gas ⁵	Nuclear	Primary electricity	Natural flow hydro ⁶
1990	219.3	56.6	100.3	45.6	16.26	16.26	0.45
1991	226.6	58.0	100.1	50.7	17.43	17.43	0.40
1992	225.8	51.8	103.4	51.6	18.45	18.45	0.48
1993	234.7	42.1	110.1	60.7	21.49	21.49	0.39
1994 p	256.4	29.8	139.5	65.4	21.18	21.18	0.44
Per cent change	+9.2	-29.2	+26.7	+7.7	-1.4	-1.4	+12.8
1993 Oct	20.8	3.3	10.6	5.2	1.64	1.64	0.02
Nov	22.0	3.2	10.6	6.6	1.59	1.59	0.02
Dec*	25.9	3.5	11.2	8.6	2.45	2.45	0.04
Total	68.6	10.0	32.5	20.5	5.69	5.69	0.08
1994 Oct	21.4 r	2.2	12.3 r	5.3	1.55	1.55	0.02
Nov	21.8	2.3	12.3	5.5	1.68	1.68	0.04
Dec* p	26.5	2.9	13.1	8.3	2.11	2.11	0.06
Total	69.6	7.3	37.7	19.1	5.33	5.33	0.12
Per cent change	+1.4	-26.3	+16.3	-6.7	-6.2	-6.2	+46.7

1. Annual data include renewable sources (wood, waste, land fill gas, sewage gas, photovoltaics, solar and geothermal etc). 2. Includes an estimate for slurry, etc recovered and disposed of otherwise than by the British Coal Corporation (BCC). 3. Calendar months. 4. Crude oil, offshore and land, plus condensates and petroleum gases derived at onshore treatment plants. 5. Including colliery methane. Excluding gas flared or re-injected gap. 6. Including generation at wind stations.

TABLE 2. Inland energy consumption: primary fuel input basis¹

Million tonnes of oil equivalent

	Total	Coal ^{2,3}	Petroleum ⁴	Primary electricity				Primary electricity			
				Natural	Natural flow Net			Natural	Natural flow Net		
					gas ⁵	Nuclear	hydro ⁶		gas	Nuclear	hydro
<i>Unadjusted⁷</i>											
1990	213.8	67.7	78.0	50.4	16.26	0.45	1.03	220.8	69.5	77.8	55.8
1991	218.5	67.1	78.1	54.0	17.43	0.40	1.41	217.8	67.2	75.1	56.3
1992	216.4	63.4	77.8	54.8	18.45	0.48	1.44	218.3	63.5	78.3	56.2
1993	222.4 r	55.1	79.7	64.3 r	21.49	0.39	1.44	223.2 r	55.1	79.8	65.0 r
1994 p	219.4	51.8	76.9	67.7	21.18	0.44	1.45	224.4	52.5	77.9	70.7
Per cent change	-1.4	-6.0	-3.5	+5.3	-1.4	+12.8	+0.7	+0.5	-4.7	-2.4	+8.8
1993 Oct	17.6	4.3	6.1	5.5	1.64	0.02	0.11	221.9	52.6	79.5	66.1
Nov	20.2	4.7	6.6	7.1	1.59	0.02	0.11	226.3	53.6	81.8	68.1
Dec	24.8	5.3	7.8	9.1	2.45	0.04	0.14	225.9	49.1	79.3	71.2
Total	62.6	14.3	20.5	21.6	5.69	0.08	0.37	224.7	51.8	80.2	68.5
1994 Oct	16.8	4.0	5.8	5.3	1.55	0.02	0.12	222.1	51.2	79.1	69.6
Nov	17.8	4.2	6.3	5.5	1.68	0.04	0.12	226.2	50.5	84.8	66.7
Dec p	23.5	5.3	7.4	8.5	2.11	0.06	0.14	223.3	52.0	76.8	71.5
Total	58.1	13.4	19.6	19.3	5.33	0.12	0.37	223.9	51.2	80.2	69.3
Per cent change	-7.2	-6.0	-4.8	-10.8	-6.2	+46.7	+1.0	-0.3	-1.1	—	+1.1
											-5.3
											+59.5
											+1.0

1. Annual data include renewable sources (see footnote 1 to Table 1 above). 2. Consumption by fuel producers plus disposals (including imports) to final users, plus (for annual unadjusted figures only) net foreign trade and stock change in other solid fuels. 3. See Technical Note on Statistical Calendar in June 1990 issue. 4. Inland deliveries for energy use plus refinery fuel and losses minus the differences between deliveries and actual consumption at power stations and gas works. 5. Including gas used during production and small amounts of colliery methane, but excluding gas flared or re-injected. Annual data exclude gas used for non-energy purposes. 6. Excludes generation from pumped storage stations. Including generation at wind stations. 7. Not seasonally adjusted or temperature corrected. 8. Coal, petroleum and natural gas are temperature corrected.

NOTES TO TABLES

Figures for the latest periods and the corresponding averages or totals are provisional and are liable to subsequent revision.

The figures have not been adjusted for temperature or seasonal factors except where noted in Tables 2 and 27.

Due to rounding the sum of the constituent items may not equal the totals.

Percentage changes relate to the corresponding period a year ago. They are calculated from unrounded figures but are shown only as (+) or (-) when the percentage change is very large. These comparisons can be affected by calendar differences.

Monthly figures relate to four week periods except where otherwise indicated. Figures in the Gas and Petroleum sections relate to calendar months.

All figures relate to the United Kingdom unless otherwise indicated.

Definitions and abbreviations are shown below Table 23. Approximate conversion factors are shown after Table 29.

Symbols used in the tables

. . not available

— Nil or less than half the final digit shown

* five-week period

p provisional

r revised; where a column or row shows 'r' at the beginning, most, but not necessarily all, of the data have been revised.

e estimated; totals of which the figures form a constituent part are therefore partly estimated.

TABLE 3. Supply and use of fuels

Thousand tonnes of oil equivalent

	1992	1993	Per cent change	1992	1st quarter	2nd quarter	3rd quarter	4th quarter	1994p	1st quarter	2nd quarter	3rd quarter	Per cent change
	1992	1993		4th quarter					1994p				
PRIMARY FUELS AND EQUIVALENTS													
Production of primary fuels													
Coal	51,803	42,056	-18.8	12,270	12,392	9,888	9,693	10,082	7,724 r	7,278 r	6,986	-27.9	
Petroleum ¹	103,435	110,105	+6.4	27,898	25,584 r	24,003 r	28,059 r	32,458 r	33,267 r	33,988 r	34,543	+23.1	
Natural gas ²	51,597	60,682	+17.6	18,039	19,324 r	11,287 r	9,440 r	20,628 r	22,165 r	13,269 r	10,326	+9.4	
Primary electricity ³	18,929	21,885	+15.6	4,950	5,984 r	5,133 r	4,996 r	5,772 r	5,552	5,429	5,189	+3.9	
Total ⁴	225,770	234,736	+4.0	63,156	63,284 r	50,311 r	52,188 r	68,940 r	68,708 r	59,964 r	57,044	+9.3	
Arrivals, Petroleum ⁵	72,867	77,809	+6.8	19,311	18,550	19,511	19,383	20,365	17,872 r	17,149 r	17,867	-7.8	
Other	20,688	18,691	-9.7	5,166	4,968	4,328	4,644	4,751	5,267 r	3,695 r	3,453	-25.6	
Shipments	85,639	96,485	+12.7	23,137	20,645	21,255	26,049	28,535	28,529 r	28,126 r	29,904	+14.8	
Marine Bunkers	2,685	2,612	-2.7	710	546	715	722	629	602	640	637	-11.8	
Stock changes ⁶													
Solid fuels	-2,265	+1,155		+1,317	+291	-127	-1,285	+2,276	+4,078 r	+2,758 r	+1,063		
Crude Petroleum	-249	-342		-68	-675	+90	+713	-470	+191	+267	-660		
Petroleum products	+944	-325		+196	-223	+18	-108	-12	+637	-506	+242		
Natural gas	+132	+130		+164	+284 r	-244 r	-379 r	+469 r	+218 r	+114 r	+5		
Non-energy use ⁷	13,252	13,723	+3.6	3,874	3,531	3,110	3,587	3,495	3,527	3,872 r	3,637	+1.4	
Statistical difference ⁸	+77	+1,496		-910	-1,794	+2,092	-948	+2,146	-471 r	-1,077 r	-512		
Total primary energy input ⁹	216,387	220,527	+1.9	60,611	59,963 r	50,899 r	43,850 r	65,806 r	63,842 r	49,716 r	44,324	+1.1	
Conversion losses etc. ¹⁰	65,935	68,222	+3.4	18,019	16,348 r	17,551 r	12,567	21,742 r	19,367 r	14,687 r	13,549	+7.8	
Final energy consumption ¹¹	150,443	152,305	+1.3	42,592	43,615	33,348	31,283	44,064	44,475 r	35,029 r	30,775	-1.6	
FINAL CONSUMPTION BY USER¹¹													
Iron and steel industry													
Coal	5	2	-60.0	—	—	—	—	—	—	—	—	—	—
Other solid fuel ¹⁰	3,942	6,817	-3.2	990	1,043	1,001	849	924	992	1,035 r	942	+11.0	
Coke oven gas	499	475	-4.8	111	121	123	113	118	126	128 r	126	+11.5	
Gas ¹³	1,118	1,215	+8.7	443	350	282	262	322	373	335 r	373	+42.4	
Electricity	731	754	+3.1	184	197	192	177	189	164	161	149	-15.8	
Petroleum	713	895	+25.5	136	238	226	210	221	204	249 r	186	-11.4	
Total	7,008	7,158	+2.1	1,864	1,949	1,824	1,611	1,774	1,859	1,909 r	1,776	+10.2	
Other industries													
Coal	4,371	3,556	-18.6	1,156	728	783	868	1,180	985	814 r	859	-1.0	
Other solid fuel ¹²	278	371	+33.5	40	87	79	71	134	63 r	48 r	38	-46.8	
Coke oven gas	34	23	-32.4	5	9	9	3	3	8	5 r	5	+75.2	
Gas ¹³	9,463	9,541	+0.8	2,720	2,813	2,071	1,890	2,768	3,053 r	2,897 r	1,791	-5.2	
Electricity	7,458	7,519	+0.8	1,865	1,899	1,819	1,831	1,970	1,967	1,914	1,791	-2.2	
Petroleum	7,630	8,020	+5.1	1,978	2,208	1,793	1,843	2,175	2,025 r	1,569 r	1,451	-21.3	
Total	29,234	29,030	-0.7	7,764	7,744	6,554	6,505	8,230	8,101 r	7,247 r	5,935	-8.8	
Transport sector													
Electricity ¹⁴	461	537	+16.5	116	142	132	132	132	151	141	139	+5.2	
Petroleum	48,888	49,770	+1.8	12,205	11,807	12,455	12,919	12,589	11,676 r	12,477 r	13,028	+0.8	
Total	49,349	50,307	+1.9	12,320	11,949	12,587	13,051	12,720	11,827 r	12,618 r	13,167	+0.9	
Domestic sector													
Coal	3,106	3,415	+9.9	809	902	728	843	943	985	743	753	-10.6	
Other solid fuel ¹²	1,080	1,078	-0.2	207	263	292	249	275	207	196 r	161	-35.1	
Gas ¹³	28,372	29,238	+3.1	10,073	10,742	4,666	3,194	10,636	11,273	5,408	2,794	-12.5	
Electricity	8,549	8,630	+0.9	2,516	2,582	1,851	1,640	2,557	2,678	1,799	1,693	+3.2	
Petroleum	2,889	3,038	+5.2	924	995	529	567	947	1,212 r	529 r	569	+0.4	
Total	44,003	45,405	+3.2	14,530	15,484	8,066	6,493	15,358	16,353 r	8,675 r	5,970	-8.0	
Other final users ¹⁵													
Coal	620	588	-5.2	181	215	116	79	179	174	96	63	-20.0	
Other solid fuel ¹²	252	191	-24.2	20	45	51	32	64	18	23 r	20	-36.7	
Gas ¹³	8,531	8,056	-5.6	2,829	2,942	1,611	1,009	2,494	2,932 r	1,771 r	1,209	+19.8	
Electricity	6,992	7,121	+1.8	1,889	1,932	1,602	1,594	1,992	1,902	1,708	1,700	+6.6	
Petroleum	4,477	4,449	-0.6	1,194	1,355	937	909	1,249	1,310	982	935	+2.8	
Total	20,872	20,405	-2.2	6,114	6,489	4,317	3,623	5,978	6,335 r	4,580 r	3,927	+8.3	
Total final users ⁴	150,443	152,305	+1.2	42,592	43,6								

COAL

TABLE 4. Coal production, foreign trade and deep-mined tonnage lost

Thousand tonnes

	Production					Tonnage lost (deep-mined) ²		
	Total ^{1,2}	Deep-mined	Opencast	Net imports	Imports ³	Shipments ⁴	Recognised holidays and rest days	Disputes
1990	92,762	72,899	18,134	+12,250	14,783	2,533	4,557	410
1991	94,202	73,357	18,636	+17,938	19,611	1,672	3,467	269
1992	84,493	65,800	18,187	+19,671	20,339	668	3,080	150
1993	68,199	50,457	17,006	+17,709	18,400 e	691	2,242	349
1994 p	48,030	31,102	16,614	+14,865	15,850 e	985	1,286	—
Per cent change	-29.6	-38.4	-2.3		-13.9	+42.6	-42.7	(—)
1993 Oct	5,373	3,859	1,358	+1,408	1,500 e	92	—	2
Nov	5,204	3,689	1,408	+1,371	1,450 e	79	—	—
Dec*	5,729	4,014	1,640	+1,622	1,750 e	128	248	—
Total	16,307	11,563	4,406	+4,401	4,700	299	248	2
1994 Oct	3,545	2,110	1,410	+802	900 e	98	14	—
Nov	3,798	2,440	1,333	+1,392	1,500 e	108	—	—
Dec* p	4,669	2,908	1,736	+1,415	1,550 e	135	—	—
Total	12,012	7,458	4,479	+3,609	3,950	341	14	—
Per cent change	-26.3	-35.5	+1.7		-16.0	+14.1	-94.3	(—)

1. Includes an estimate for slurry, etc., recovered and disposed of otherwise than by BCC. 2. See the Technical Note on Statistical Calendar in December 1991 issue. 3. To December 1992, as recorded in the Overseas Trade Statistics of the United Kingdom (OTS). From January 1993 import figures include an additional estimate for unrecorded trade. From November 1994 import figures are being estimated on the basis of information available for extra-EC trade until monthly statistics for intra-EC trade become available from the Central Statistical Office. 4. Shipments as recorded by BCC; the figures may differ from those published in OTS. 5. BCC only.

TABLE 5. Inland coal use

Thousand tonnes

	Fuel producers (consumption)					Final users (disposals by collieries and opencast sites)			
	Primary		Secondary			Industry ⁴	Domestic ⁴		
	Total ¹	Collieries	Electricity generators ²	Coke ovens	Other conversion industries ³		House coal ⁵	Other ⁶	Other ⁷
1990	108,256	117	84,014	10,852	1,544	6,283	3,047	1,192	1,208
1991	107,513	112	83,542	10,011	1,501	6,426	3,150	1,628	1,144
1992	100,620	79	78,509	9,031	1,319	6,581	2,853	1,303	945
1993	86,783	48	66,163	8,479	1,329	5,300	2,709	1,930	826
1994 p	82,383	22	62,572	8,595	1,190	5,259	2,072	1,974	699
Per cent change	-5.1	-52.9	-5.4	1.4	-10.5	-0.8	-23.5	+2.3	-15.4
1993 Oct	6,905	4	5,266	656	106	473	196	143	62
Nov	7,625	4	5,905	668	118	475	204	177	75
Dec*	8,448	5	6,330	800	139	585	267	210	113
Total	22,978	12	17,501	2,124	362	1,534	666	530	249
1994 Oct	6,435 r	1	4,981	670	99	388 r	108 r	137 r	52
Nov	6,711	1	5,234	666	71	453	114	116	55
Dec* p	8,449	2	6,684	830	88	431	120	173	122
Total	21,595	3	16,899	2,165	258	1,273	341	426	229
Per cent change	-6.0	-72.2	-3.4	2.0	-28.6	-17.0	-48.8	-19.5	-8.3

1. See the Technical Note on Statistical Calendar in December 1991 issue. 2. See box below Table 23 (see also Technical note on page 2 in July 1992 issue). 3. Low temperature carbonisation and patent fuel plants. 4. Includes estimated proportion of total imports. 5. Includes miners' coal. 6. Anthracite, dry steam coal and imported naturally smokeless fuels. 7. Includes public administration and commerce.

TABLE 6. Stocks of coal^{1,2} at end of period

Thousand tonnes

	Distributed					Undistributed		
	Total	Total distributed stocks	Power stations ³	Coke ovens	Other	Total undistributed stocks	Collieries	Open cast sites
1990	37,760	28,747	27,112	1,564	70	9,013	5,980	3,033
1991	43,321	32,343	30,648	1,631	65	10,977	8,764	2,214
1992	47,207	33,493	32,173	1,271	49	13,714	10,926	2,788
1993	45,860	29,872	28,579	1,218	75	15,989	12,728	3,261
1994 p	26,572	15,301	14,102	1,098	101	11,271	8,467	2,803
1993 Oct	49,334	32,907	31,433	1,426	49	16,427	12,795	3,632
Nov	48,070	31,493	30,303	1,133	58	16,577	13,000	3,576
Dec*	45,860	29,872	28,579	1,218	75	15,989	12,728	3,261
1994 Oct	31,099	18,813	17,767	966	79	12,287	9,422	2,865
Nov	29,569	17,557	16,397	1,055	104	12,012	9,196	2,816
Dec* p	26,572	15,301	14,102	1,098	101	11,271	8,467	2,803
Absolute change:								
in latest month	-2,997	-2,256	-2,295	+43	-3	-741	-728	-13
on a year ago	-19,289	-14,750	-14,477	-120	+27	-4,718	-4,261	-458

1. See Technical notes on page 2 in July 1992 issue. 2. Excluding distributed stocks held in merchants' yards, etc., mainly for the domestic market, and stocks held by the industrial sector. 3. Coal-fired power stations belonging to major power producers (see box below Table 23).

TABLE 7. Colliery manpower and productivity at BCC mines

	Wage earners on colliery books			Absence percentage			Average output per manshift worked ⁴			
	Total ¹	Recruitment	Wastage	Total	Voluntary ²		Involuntary ³	Overall	Total	Production ⁵
					Thousands	Number	Per cent			
1990	59	712	7,279	8.3	3.0	5.3	4.53	5.40	21.86	
1991	49	1,098	11,228	7.8	2.8	5.0	5.11	6.08	24.66	
1992	35	243	14,419	6.9	2.3	4.6	6.01	7.04	28.90	
1993	15	96	20,405	6.4	1.6	4.9	8.03	9.34	40.42	
1994 p	7 ⁶	34	7,422	4.9	1.1	3.8	11.84	14.22	62.16	
Per cent change	-49.9	-64.6	-63.6	-24.5	-30.7		+47.5	+52.2	+53.8	
1993 Oct	19	4	488	6.0	1.5	4.5	9.22	10.59	45.20	
Nov	18	2	567	6.7	1.7	5.0	8.84	10.13	44.91	
Dec*	15	6	3,659	5.8	1.5	4.2	9.48	10.85	46.90	
1994 Oct	8	0	365	4.9	0.8	4.1	11.90	14.62	69.62	
Nov	7	0	82	5.3	0.8	4.5	13.46	16.26	77.25	
Dec* p	7	1	46	5.6	1.1	4.5	12.90	15.61	73.34	

1. At the end of period. 2. Absence for which no reason has been given (ie excludes absence through industrial disputes). 3. Absence mainly for sickness or injury. 4. Saleable deep-mined revenue coal. 5. Output from production faces divided by production manshifts. 6. Average numbers during 1994 were 9 thousand (-62.1 per cent compared with 1993).

GAS

TABLE 8. Natural gas production and supply

	Gross gas production ¹	Exports	Imports	Gas available ²	Indigenous	Imported	Gas transmitted ³	
							Percentage of gas available for consumption in UK	GWk
1990	527,583	—	79,833	569,235	86.0	14.0	568,037	
1991	587,825	—	72,007	623,437	88.4	11.6	616,194	
1992	597,854	620	61,255	619,286	90.1	9.9	619,921	
1993	703,976 r	6,824	48,528 r	704,388 r	93.1	6.9	701,991 r	
1994 p	755,358	9,557	33,053	728,738	95.5	4.5	729,374	
Per cent change	+7.3	+40.0	-31.9	+3.5			+3.9	
1993 Oct	65,180	951	4,170	64,950 r	93.6	6.4	63,436	
Nov	82,984 r	902	4,194	82,479 r	94.9	5.1	82,959 r	
Dec	88,576	876	4,484	88,008	94.9	5.1	89,311	
Total	236,740	2,729	12,848	235,437	94.5	5.5	235,706	
1994 Oct	66,022 r	930	1,107	61,586 r	98.2	1.8	61,149 r	
Nov	68,712	842	1,976	65,676	97.0	3.0	65,020	
Dec p	88,111	833	2,715	85,255	96.8	3.2	83,280	
Total	222,845	2,605	5,798	212,517	97.3	2.7	209,449	
Per cent change	-5.9	-4.5	-54.9	-9.7			-11.1	

1. Includes waste and own use for drilling, production and pumping operations but excludes gas flared. 2. Gas available for consumption in the UK. It excludes waste, own use, gas flared and stock change. Includes net imports. 3. Gas input into inland transmission systems. It includes public gas supply, direct supply by North Sea producers, third party supplies, and stock changes. Figures differ from gas available for consumption in the UK mainly because of stock changes. The figures also differ from total consumption (expressed in oil equivalent in table 2) because they exclude producers' and operators' own use and losses.

TABLE 9. Natural gas consumption^{1,2}

	Total	Electricity generators ³	Iron and steel industry	Other industries	GWk	
					Domestic	Other ⁴
1989	541,827	6,108	13,693	146,800	290,557	84,673
1990	559,118	6,410	13,530	151,837	300,410	86,895
1991	600,318	7,296	11,854	147,029	333,954	100,180
1992	600,443	20,210	13,006	138,381	330,100	98,747
1993	673,521	88,599	14,133	137,270	340,168	93,353
Per cent change	+12.2	(+)	+8.7	-0.8	+3.0	-5.5
1992 1st quarter	207,330	3,026	3,436	40,057	123,333	37,478
2nd quarter	109,181	1,946	1,025	33,034	54,705	18,471
3rd quarter	79,290	5,615	3,385	25,448	34,873	9,971
4th quarter	204,641	9,623	5,160	39,841	117,190	32,827
1993 1st quarter	218,699	15,102	4,071	40,465	124,977	34,083
2nd quarter	126,641	20,646	3,268	29,788	54,277	18,664
3rd quarter	101,927	22,824	3,048	27,179	37,173	11,703
4th quarter	226,254	30,026	3,747	39,838	123,740	28,903
1994 1st quarter	244,999	30,964	4,336	44,441	131,158	34,100
2nd quarter	150,323	26,161	3,906	36,719	62,931	20,606
3rd quarter p	108,485	28,641	4,340	28,929	32,501	14,074
Per cent change	+6.4	+25.5	+42.4	+6.4	-12.6	+20.3

1. Gas consumption is generally less than gas transmitted (Table 8) on an annual basis because of own use and losses in transmission. 2. Includes natural gas sales to the non-tariff sector by independent gas suppliers. 3. For coverage of electricity generators see definitions below Table 23 (see also Technical note on page 2 in the July 1992 issue). 4. Public administration, commerce and agriculture.

PETROLEUM

TABLE 10. Drilling activity¹

Number of wells started

	Offshore				Onshore	
	Exploration	Appraisal	Exploration & appraisal	Development ²	Exploration & appraisal	Development
1990	159	65	224	124	13	23
1991	107	79	186	144	11	3
1992	74	57	131	167	6	8
1993	51	59	110	162	2	7
1994	62	36	98	199	3	10
Per cent change	+21.6	-39.0	-10.9	+22.8	+50.0	+42.9
1992 3rd quarter	12	12	24	41	1	2
4th quarter	24	9	33	45	—	2
1993 1st quarter	13	18	31	38	1	1
2nd quarter	6	14	20	44	—	1
3rd quarter	10	16	26	35	1	3
4th quarter	22	11	33	45	—	2
1994 1st quarter	12	6	18	44	1	1
2nd quarter	13	10	23	50	1	3
3rd quarter	19	7	26	59	1	3
4th quarter p	18	13	31	46	—	3
Per cent change	-18.2	+18.2	-6.1	+2.2	—	+50.0

1. Including sidetracked wells. 2. Development wells are production and appraisal wells drilled after development approval has been granted.

TABLE 11. Value of, and investment in, UKCS oil and gas production

£ million

	Total income ¹	Operating costs	Exploration expenditure	Gross trading profits ² (net of stock appreciation)	Percentage contribution to GDP ³	Capital investment	Percentage contribution to industrial investment ⁴
1989	10,385	2,330	1,182	6,583	1.6	2,705	12
1990	12,024	2,892	1,637	7,040	1.7	3,560	15
1991	12,128	3,301	1,955	6,433	1.5	5,126	21
1992	12,153	3,316	1,508	6,716	1.5	5,418	22
1993	13,850	3,661	1,213	8,112	1.7	4,664	20
Per cent change	+14.0	+10.4	-19.6	+20.8	—	-13.9	—
1992 1st quarter	3,293	709	347	2,105	1.9	1,295	22
2nd quarter	2,607	855	380	1,210	1.2	1,513	25
3rd quarter	2,570	823	347	1,265	1.2	1,288	21
4th quarter	3,683	930	433	2,136	1.9	1,323	20
1993 1st quarter	3,620	840	298	2,272	2.0	1,230	21
2nd quarter	2,843	899	267	1,440	1.3	1,333	23
3rd quarter	3,173	921	306	1,713	1.5	1,119	19
4th quarter	4,206	998	342	2,688	2.2	982	16
1994 1st quarter	3,988	905	211	2,595	2.1	730	14
2nd quarter	3,784	940	224	2,273	1.9	936	18
3rd quarter p	3,543	991	229	1,982	n/a	980	n/a
Per cent change	+11.7	+7.6	-25.2	+15.7	—	-14.2	—

1. Includes sales of crude oil, NGLs and natural gas plus other income associated with oil and gas production. 2. Net of stock appreciation. 3. Contribution of sector to GDP at factor cost. 4. Energy, water supply and the manufacturing sector.

TABLE 12. Indigenous production, refinery receipts, arrivals and shipments

	Indigenous production ¹			Refinery receipts					Foreign trade ^{6,7}			
	Total	Crude oil		Indigenous ³	Other ⁴	Net foreign arrivals ⁵	Crude oil and NGLs		Process oils		Petroleum products	
		Total	Million tonnes				Crude oil	NGLs ²	Arrivals	Shipments	Arrivals	Shipments
Million tonnes												
1990	91.6	88.0	3.6	37,754	916	51,065	42,074	54,131	10,636	1,769	11,005	18,002
1991	91.3	86.8	4.4	35,932	772	55,819	45,800	52,565	11,284	1,237	10,140	20,677
1992	94.3	89.2	5.1	35,472	832	56,485	46,753	54,779	10,930	1,198	10,567	21,899
1993	100.1	94.0	6.1	36,680	852	59,868	50,601	60,556	11,100	1,834	10,064	24,890
1994 p	126.9	119.2	7.7	41,761	427	51,491	43,219	77,807	10,198	1,926	10,190	24,640
Per cent change	+26.8	+26.8	+26.2	+13.9	-49.8	-14.0	-14.6	+28.5	-8.1	+5.0	+1.2	-1.0
1993 Oct	9.7	9.0	0.6	3,135	107	5,007	4,077	6,327	972	42	709	2,317
Nov	9.6	9.0	0.7	3,562	105	5,170	4,203	5,860	1,043	76	1,131	1,977
Dec	10.2	9.5	0.7	3,087	88	5,558	4,621	6,431	1,049	112	979	2,582
Total	29.5	27.6	1.9	9,784	300	15,735	12,900	18,618	3,064	230	2,819	6,875
1994 Oct	11.2 r	10.5 r	0.7	3,639	-58	3,417	3,194	7,192	664	441	985	1,958
Nov	11.1	10.4	0.7	3,435	115	4,406	4,099	6,985	692	385	936	1,779
Dec p	11.9	11.2	0.8	4,588	210	3,617	3,246	6,224	595	224	828	2,018
Total	34.3	32.1	2.2	11,662	267	11,440	10,539	20,400	1,951	1,050	2,749	5,755
Per cent change	+16.3	+16.4	+14.1	+19.2	-11.0	-27.3	-18.3	+9.6	-36.3	(+)	-2.5	-16.3
												-8.7

1. Includes for convenience offshore and land production. 2. Condensates and petroleum gases derived at onshore treatment plants. 3. Crude oil plus NGLs. 4. Mainly recycled products (backflows to refineries). 5. Total arrivals less refinery shipments of crude oil, NGL's and process oils (ie partly refined oils). 6. Foreign trade recorded by the Petroleum Industry and may differ from figures published in the Overseas Trade Statistics. 7. 1994 data are subject to further revision as additional information on arrivals of petroleum products becomes available. 8. International marine bunkers.

TABLE 13. Refinery throughput and output of petroleum products

Thousand tonnes

	Refinery use			Gases			Kerosene							
	Throughput of crude and process oil	Fuel	Losses/ (gains)	Total ¹ output of petroleum products	Butane and propane	Other petro- leum	Naphtha (LDF)	Motor spirit	Aviation turbine fuel	Burning oil	Gas/ diesel oil	Fuel oil	Lubricating oils	Bitumen
1990	88,692	5,838	568	82,286	1,514	106	2,139	26,724	7,541	2,309	23,402	13,805	974	2,454
1991	92,001	6,058	467	85,476	1,664	134	2,515	27,793	7,037	2,446	26,057	13,205	973	2,302
1992	92,334	6,080	471	85,783	1,583	172	3,040	27,980	7,681	2,450	25,650	12,388	1,163	2,336
1993	96,274	6,383	308	89,584	1,575	162	2,696	28,394	8,341	2,707	27,361	13,183	1,264	2,450
1994 p	93,162	6,256	261	86,644	1,605	132	2,794	27,562	7,697	2,967	27,137	11,378	1,296	2,569
Per cent change	-3.2	-2.0	-15.3	-3.3	+1.9	-18.5	+3.6	-2.9	-7.7	+9.6	-0.8	-13.7	+2.5	+4.9
1993 Oct	8,177	563	25	7,589	138	12	127	2,592	703	231	2,246	1,077	126	218
Nov	8,357	553	11	7,793	127	13	248	2,606	626	301	2,377	1,073	107	188
Dec	8,422	562	21	7,841	160	16	270	2,418	680	292	2,456	1,148	122	160
Total	24,957	1,679	58	23,222	425	41	646	7,616	2,009	823	7,078	3,298	354	566
1994 Oct	7,766	499	4	7,263	113	13	226	2,227	684	245	2,340	933	123	216
Nov	7,921	517	41	7,363	117	11	250	2,353	610	231	2,398	950	118	207
Dec p	7,961	573	-7	7,396	148	12	278	2,235	531	322	2,411	1,006	110	179
Total	23,649	1,589	37	22,022	378	37	755	6,816	1,825	797	7,148	2,890	351	602
Per cent change	-5.2	-5.4	-36.2	-5.2	-11.1	-9.8	+16.9	-10.5	-9.2	-3.2	+1.0	-12.4	-0.8	+6.4

1. Including aviation spirit, wide cut gasoline industrial and white spirit, petroleum wax and miscellaneous products.

TABLE 14. Deliveries of petroleum products for inland consumption^{1,2}

Thousand tonnes

	Butane ⁴ and propane	Naphtha ⁵ (LDF) and Middle distillate feedstock	Motor Spirit		Kerosene								Lubri- cating oils	
			Total ^{1,3}	Total	of which Unleaded	Aviation turbine fuel	Premier	Standard domestic	Derv fuel	Other	Fuel oil ⁶	Ori- mulsion		
1990	73,943	1,969	3,477	24,312	8,255	6,589	41	1,526	10,652	8,046	11,842	155	2,491	822
1991	74,506	2,273	3,898	24,021	9,868	6,176	45	1,779	10,694	8,031	11,530	418	2,514	759
1992	75,470	1,890	3,965	24,044	11,268	6,666	39	1,875	11,132	7,871	10,195	1,286	2,555	786
1993	75,790	1,992	3,777	23,766	12,503	7,106	35	2,002	11,806	7,782	9,354	1,416	2,523	806
1994 p	74,653	2,395	3,512	22,835	13,161	7,207	29	2,003	12,878	7,526	8,018	1,227	2,581	793
Per cent change	-1.5	+20.2	-7.0	-3.9	+5.3	+1.4	-17.1	—	+9.1	-3.3	-14.3	-13.3	+2.3	-1.6
1993 Oct	6,312	182	292	1,979	1,068	654	3	169	1,032	671	659	91	215	65
Nov	6,923	215	307	2,136	1,160	544	4	211	1,161	750	844	146	207	72
Dec	6,492	179	364	1,897	1,042	518	4	235	915	673	1,020	128	149	59
Total	19,727	576	963	6,012	3,270	1,716	11	615	3,108	2,094	2,523	365	571	196
1994 Oct	6,443r	218r	313	1,897r	1,130r	632r	2r	159r	1,118r	629r	676r	147	225r	65
Nov	6,538	213	346	2,078	1,227	531	2	170	1,316	622	567	92	216	70
Dec p	6,251	221	365	1,825	1,090	532	2	235	999	622	772	141	157	54
Total	19,232	652	1,024	5,800	3,447	1,695	6	564	3,433	1,873	2,015	380	598	189
Per cent change	-2.5	+13.2	+6.3	-3.5	+5.4	-1.2	-45.5	-8.3	+10.5	-10.6	-20.1	+4.1	+4.7	-3.6

1. Including other petroleum gases, aviation spirit, industrial and white spirits, petroleum wax, non-domestic standard burning oil and miscellaneous products. 2. 1994 data are subject to further revision as additional information on arrivals of petroleum products contributes to deliveries. 3. Excluding refinery fuel. 4. Including amounts for petro-chemicals. 5. Now mainly for petro-chemical feedstock. 6. Excluding Orimulsion.

TABLE 15. Deliveries of petroleum products for inland consumption: energy uses¹

Thousand tonnes

	Total	Electricity ² generators	Gas works		Iron and Steel ² industry	Other ² industries	Transport ³	Domestic	Other ⁴
1989	63,146	6,026	52	764	7,459	42,535	2,106	4,204	
1990	64,774	7,272	52	701	6,959	43,454	2,219	4,117	
1991	64,553	6,728	50	703	7,520	42,864	2,522	4,166	
1992	64,839	6,424	42	676	7,117	43,789	2,579	4,212	
1993	65,065	5,223	44	854	7,518	44,569	2,714	4,145	
Per cent change	+0.3	-18.7	+4.0	+26.3	+5.6	+1.8	+5.2	-1.6	
1993 Jan-Nov	59,471	4,607	38	789	6,803	41,087	2,402	3,745	
1994 Jan-Nov p	58,320	3,812	45	733	6,303	41,221	2,523	3,685	
Per cent change	-1.9	-17.3	+17.0	-7.2	-7.4	+0.3	+5.0	-1.6	
1993 Sep	5,561	541	3	61	587	3,842	213	314	
Oct	5,412	324	4	72	605	3,816	24		

TABLE 16. Stocks of petroleum¹ at end of period

Thousand tonnes

	Crude oil and refinery process oil				Petroleum products					Total Stocks		
	Refineries ²	Terminals ³	Offshore ⁴	Total	Light ⁵ distillates	Kerosene & gas/diesel ⁶	Fuel oils ⁷	Other products ⁸	Total pet prod	Net bilaterals ⁹	Stocks in UK ¹⁰	Total stock
1990	5,484	982	494	6,960	2,424	3,039	3,206	1,224	9,892	1,539	15,313	16,852
1991	5,379	1,383	369	7,131	2,663	3,092	3,578	1,394	10,727	1,727	16,131	17,858
1992	5,699	1,178	482	7,358	2,502	2,716	3,488	1,394	10,100	1,964	15,494	17,458
1993	5,573	1,642	457	7,671	2,734	2,906	3,346	1,419	10,406	2,024	16,053	18,077
1994	5,402	1,720	449	7,671 ¹¹	2,492	2,639	2,923	1,419	9,474	1,543	15,602	17,145
Per cent change	-3.1	+4.8	-1.8	—	-8.9	-9.2	-12.6	—	-9.0	-23.8	-2.8	-5.2
1993 Oct	5,437	997	465	6,899	2,682	2,700	3,475	1,316	10,173	1,976	15,096	17,072
Nov	5,238	1,664	492	7,394	2,857	2,716	3,414	1,319	10,307	1,952	15,749	17,701
Dec	5,573	1,642	457	7,671	2,734	2,906	3,346	1,419	10,406	2,024	16,053	18,077
1994 Oct	5,297	1,336	499	7,233 ¹¹	2,539	2,645	3,083	1,338	9,606	1,682	15,157	16,839
Nov	5,340	1,329	448	7,216 ¹¹	2,677	2,604	2,903	1,305	9,489	1,543	15,162	16,705
Dec p	5,402	1,720	449	7,671 ¹¹	2,492	2,639	2,923	1,419	9,474	1,543	15,602	17,145
Per cent change	-3.1	+4.8	-1.8	—	-8.9	-9.2	-12.6	—	-9.0	-23.8	-2.8	-5.2

1. Stocks held at refineries, terminals and power stations. Stocks in the wholesale distribution system and certain stocks at offshore fields (UK Continental Shelf [UKCS]), and others held under approved bilateral agreements are also included. 2. Stocks of crude oil, NGLs and process oil at UK refineries. 3. Stocks of crude oil and NGLs at UKCS pipeline terminals. 4. Stocks of crude oil in tanks and partially loaded tankers at offshore fields (UKCS). 5. Motor spirit and aviation spirit. 6. Aviation turbine fuel, burning oil, gas oil, Derv fuel, middle distillate feedstock (mdf) and marine diesel oil. 7. Including Orimulsion. 8. Ethane, propane, butane, other petroleum gases, naphtha (ldf), industrial and white spirits, bitumen, petroleum wax, lubricating oil, petroleum coke and miscellaneous products. 9. The difference between stocks held abroad for UK use under approved bilateral agreements and the equivalent stocks held in the UK for foreign use. 10. Stocks held in the national territory or elsewhere on the UKCS. 11. Includes 100 thousand tonnes held under approved bilateral agreements.

ELECTRICITY

TABLE 17. Electricity generation, supply and availability

TWh

	Major power producers ¹			Other generators ¹			All generating companies				
	Electricity generation	Own use ²	Electricity supplied (net)	Electricity generation	Own use ²	Electricity supplied (net)	Electricity generation	Own use ²	Electricity supplied (net)	Net imports	Electricity available
1989	292.90	21.18	271.71	21.69	1.65	20.04	314.59	22.84	291.75	12.63	304.38
1990	298.50	20.52	277.98	21.20	1.72	19.48	319.70	22.24	297.46	11.94	309.40
1991	301.49	20.53	280.96	21.32	1.69	19.63	322.80	22.22	300.59	16.41	316.99
1992	300.18	20.74	279.44	20.78	1.75	19.03	320.96	22.49	298.47	16.69	315.16
1993	300.51	19.34	281.17	22.52	1.90	20.62	323.03	21.24	301.79	16.72	318.51
Per cent change	+0.1	-6.8	+0.6	+8.3	+8.4	+8.3	+0.6	+5.6	+1.1	+0.1	+1.1
1992 3rd quarter	64.41	4.62	59.79	4.73	0.37	4.37	69.14	4.99	64.15	4.09	68.24
4th quarter	81.73	5.58	76.15	5.70	0.40	5.30	87.42	5.98	81.44	4.30	85.75
1993 1st quarter	84.98	5.68	79.30	5.95	0.64	5.31	90.93	6.32	84.61	4.28	88.89
2nd quarter	67.31	4.42	62.88	5.46	0.34	5.11	72.76	4.76	68.00	4.02	71.02
3rd quarter	65.04	4.14	60.90	5.23	0.57	4.66	70.28	4.71	65.57	4.11	69.67
4th quarter	83.18	5.10	78.08	5.87	0.34	5.53	89.05	5.44	83.62	4.30	87.92
1994 1st quarter	85.73	4.99	80.74	5.97	0.51	5.46	91.70	5.50	86.20	4.29	90.49
2nd quarter	70.08	4.44	65.64	4.94	0.40	4.54	75.02	4.84	70.18	4.02	74.20
3rd quarter p	66.22	4.23	61.99	4.75	0.41	4.34	70.97	4.64	66.33	4.22	70.55
Per cent change	+1.8	+2.3	+1.8	-9.3	-28.1	-7.0	+1.0	-1.4	+1.2	+2.9	+1.3

1. See definitions below Table 23. 2. Used in works and for pumping at pumped storage stations.

TABLE 18. Electricity supplied by other generating companies

GWh

	Industry										
	Electricity supplied (net) Total	Total industry	Nuclear power stations ¹	Petroleum refineries	Iron and steel	Chemicals	Engineering and other metal trades	Food, drink and tobacco	Paper, printing and stationery	Transport undertakings	
1989	20,037	19,412	4,290	2,539	1,743	4,044	3,821	534	990	1,452	626
1990	19,487	18,832	3,700	2,468	1,643	4,218	3,929	597	866	1,412	655
1991	19,633	18,985	3,496	2,534	1,780	4,228	3,949	610	951	1,438	648
1992	19,034	18,387	2,866	2,726	1,790	3,812	3,670	675	997	1,851	647
1993	20,618	19,859	4,141	2,754	1,752	4,145	3,451	718	1,243	1,655	759
Per cent change	+8.3	+8.0	+44.5	+1.0	-2.1	+8.7	+6.0	+6.4	+3.4	-10.6	+17.3
1992 3rd quarter	4,368	4,218	717	653	414	801	824	91	240	479	150
4th quarter	5,296	5,120	730	770	456	1,022	1,057	293	233	559	176
1993 1st quarter	5,308	5,109	970	656	461	1,138	953	192	311	428	200
2nd quarter	5,115	4,928	1,155	671	418	989	857	103	274	461	187
3rd quarter	4,664	4,478	838	732	416	955	757	107	314	360	186
4th quarter	5,531	5,345	1,178	695	457	1,063	884	316	345	406	187
1994 1st quarter	5,459	5,269	1,286	738	439	961	906	223	299	417	190
2nd quarter	4,538	4,356	701	673	451	925	845	105	275	381	181
3rd quarter p	4,335	4,177	753	619	4						

TABLE 19. Electricity production and availability from the public supply system¹

TWh

	Electricity supplied (net) by type of plant												Purchases from other sources (net) ^{8,9}	Total electricity available ⁹		
	Electricity generated	Own use ²	Total	Conventional steam plant			Other conventional steam ⁴	CCGT ⁵	Nuclear	Hydro ⁶	Other ⁷	Net imports				
				Total conventional steam	Coal ³	Oil										
1990	298.50	20.52	277.98	218.96	196.62	14.53	7.81	—	54.96	3.65	0.41	11.94	5.36	295.28		
1991	301.49	20.53	280.96	217.95	184.04	18.51	17.42	0.31	59.26	3.12	0.31	16.41	5.05	302.41		
1992	300.18	20.74	279.44	205.90	169.56	10.46	25.87	2.96	66.27	3.96	0.35	16.69	5.27	301.40		
1993	300.51	19.33	281.17	178.31	144.03	8.30	25.97	22.61	76.84	2.95	0.46	16.72	7.31	305.20		
1994 p	303.13	18.50	284.62	167.36	138.47	6.03	22.87	36.80	76.39	3.63	0.43	16.89	6.92	308.43		
Per cent change	+0.9	-4.3	+1.2	-6.1	-3.9	-27.4	-11.9	+62.8	-0.6	+22.9	-7.2	+1.0	-5.4	+1.1		
1993 Oct	24.15	1.51	22.64	14.28	11.47	0.74	2.07	2.29	5.85	0.17	0.04	1.33	0.63	24.60		
Nov	26.62	1.61	25.02	16.20	13.02	0.90	2.28	3.03	5.64	0.10	0.05	1.33	0.65	26.99		
Dec	32.38	1.97	30.41	17.62	14.30	1.06	2.26	3.59	8.76	0.39	0.05	1.64	0.85	32.90		
Total	83.16	5.09	78.07	48.11	38.79	2.70	6.61	8.91	20.26	0.66	0.14	4.30	2.12	84.49		
1994 Oct	23.79	1.44	22.35	13.45	11.18	0.42	1.85	3.08	5.60	0.18	0.03	1.34	0.52	24.21		
Nov	25.17	1.50	23.67	14.02	11.59	0.47	1.96	3.17	6.10	0.36	0.02	1.34	0.54	25.55		
Dec p	32.13	1.90	30.23	17.83	14.74	0.61	2.48	4.17	7.65	0.56	0.03	1.67	0.69	32.59		
Total	81.09	4.84	76.25	45.30	37.51	1.50	6.29	10.42	19.35	1.10	0.09	4.35	1.75	82.34		
Per cent change	-2.5	-5.0	-2.3	-5.8	-3.3	-44.5	-4.9	+17.0	-4.5	+67.1	-38.6	+1.0	-17.7	-2.5		

1. Electricity generated by major power producers (see definitions below Table 23) and available through the grid in England and Wales and from distribution companies in Scotland and Northern Ireland. 2. Used in works and for pumping at pumped storage stations. 3. Including Slurry. 4. Mixed and dual fired including sour gas and Orimulsion. 5. Combined Cycle Gas Turbine Stations. 6. Natural flow and net supply by pumped storage stations. 7. Including diesel and oil engines, gas turbines and wind power. 8. Purchases from the UKAEA, BNF and other generators. 9. Net of supplies direct from generators to final consumers.

TABLE 20. Fuel used in electricity generation

Million tonnes of oil equivalent

	Major power producers ¹				Other generators ¹				All generating companies						
	Coal	Nuclear	Other ²	Total	Coal ³	Nuclear	Other ^{2,3}	Total	Coal	Oil	Gas	Nuclear	Hydro	Other	Total ⁴
1989	50.7	16.4	5.9	73.0	0.9	1.3	3.9	6.1	51.6	7.1	0.5	17.7	0.4	1.7	79.1
1990	52.0	15.1	7.1	74.2	0.9	1.2	3.8	5.9	52.9	8.3	0.6	16.3	0.4	1.7	80.2
1991	51.7	16.3	6.2	74.2	1.0	1.1	4.1	6.2	52.6	7.5	0.6	17.4	0.4	1.8	80.4
1992	46.0	17.5	6.9	70.4	0.9	1.0	4.8	6.7	46.9	8.4	1.7	18.5	0.5	1.1	77.1
1993	38.3	20.2	11.0	69.5	1.3	1.3	4.3	6.9	39.5	6.1	7.6	21.5	0.4	1.2	76.3
Per cent change	-16.8	+15.2	+58.3	-1.4	+35.7	+39.1	-9.9	+3.5	-15.7	-27.7	(+)	+16.5	-21.1	+11.8	-1.0
1992 3rd quarter	9.8	3.8	1.7	15.3	0.2	0.2	1.1	1.5	10.1	1.9	0.5	4.0	0.1	0.3	16.8
4th quarter	12.1	4.6	2.3	19.0	0.3	0.2	1.2	1.7	12.4	2.3	0.8	4.8	0.1	0.3	20.8
1993 1st quarter	11.7	5.5	2.3	19.6	0.3	0.3	1.2	1.8	12.1	1.7	1.3	5.8	0.1	0.3	21.4
2nd quarter	8.5	4.7	2.5	15.6	0.3	0.4	1.1	1.7	8.8	1.3	1.8	5.0	0.1	0.3	17.3
3rd quarter	7.9	4.7	2.6	15.2	0.3	0.3	1.1	1.7	8.2	1.4	2.0	4.9	0.1	0.3	16.9
4th quarter	10.1	5.3	3.6	19.1	0.3	0.4	0.9	1.7	10.5	1.6	2.6	5.7	0.1	0.3	20.7
1994 1st quarter	10.8	5.0	3.6	19.5	0.3	0.4	0.9	1.6	11.1	1.5	2.6	5.4	0.1	0.3	21.1
2nd quarter	8.1	5.1	2.9	16.1	0.3	0.2	0.9	1.5	8.4	1.3	2.2	5.3	0.1	0.3	17.5
3rd quarter p	7.5	4.9	2.9	15.3	0.3	0.3	0.8	1.3	7.8	0.9	2.4	5.1	0.1	0.3	16.6
Per cent change	-5.4	+4.7	+11.1	+0.6	-2.6	-8.4	-32.2	-23.4	-5.3	-37.3	+24.9	+4.0	-7.1	-7.8	-1.9

1. See definitions below Table 23. 2. Oil, including oil used in gas turbine and diesel plant or for lighting up coal fired boilers, and Orimulsion, hydro, gas, wind and refuse derived fuel. 3. The 1989 figures are largely estimated. 4. Does not include imports of electricity from France.

TABLE 21. Fuel used in electricity generation by major power producers¹

Million tonnes of oil equivalent

	Total ²	Coal ³	Oil ^{3,4}	Gas ⁵	Nuclear	Hydro
1990	74.25	51.99	6.81	0.01	15.06	0.38
1991	74.19	51.65	5.84	0.08	16.30	0.32
1992	70.43	45.97	5.36	1.19	17.50	0.39
1993	69.45	38.26	4.41	6.27	20.17	0.30
1994 p	69.34	36.21	3.58	9.07	20.04	0.37
Per cent change	-0.2	-5.4	-18.7	+44.8	-0.6	+21.3
1993 Oct	5.58	3.05	0.35	0.63	1.53	0.02
Nov	6.12	3.42	0.43	0.78	1.48	0.01
Dec	7.36	3.66	0.52	0.83	2.30	0.04
Total	19.06	10.13	1.30	2.24	5.31	0.07
1994 Oct	5.46 r	2.88	0.28	0.81	1.47	0.02
Nov	5.72	3.03	0.29	0.76	1.60	0.04
Dec p	7.					

TABLE 22. Availability and consumption of electricity

TWh

	Public distribution system							Other generators			All electricity suppliers			
	Electricity available	Transmission distribution and other losses ¹		Sales of electricity to consumers				Electricity available ⁵	Losses and statistical differences	Consumption of electricity ⁶	Electricity available	Losses and statistical differences	Consumption of electricity	
		Total	Industrial ²	Commercial ³	Domestic	Other ⁴								
1989	290.84	24.12	266.72	96.26	70.29	92.27	7.90	13.54	0.86	12.68	304.38	24.98	279.40	
1990	295.28	23.96	271.32	98.17	70.96	93.79	8.40	14.13	1.03	13.10	309.40	24.98	284.42	
1991	302.41	24.67	277.75	96.87	74.58	98.10	8.20	14.58	1.49	13.09	317.00	26.16	290.84	
1992	301.40	22.97	278.43	92.84	77.89	99.48	8.22	13.76	0.74	13.02	315.16	23.71	291.45	
1993	305.20	22.44	282.76	93.77	80.50	100.41	8.09	13.31	0.93	12.38	318.51	23.37	295.14	
Per cent change	+1.3	-2.3	+1.6	+1.0	+3.4	+0.9	-1.6	-3.3	+25.1	-5.0	+1.1	-1.4	+1.3	
1992	3rd quarter	65.06	4.13	60.94	22.82	17.52	18.78	1.82	3.18	0.20	2.97	68.24	4.33	63.91
	4th quarter	81.99	6.36	75.63	23.09	20.81	29.35	2.38	3.75	0.23	3.52	85.74	6.60	79.15
1993	1st quarter	85.40	7.76	77.64	23.61	21.97	30.03	2.02	3.50	0.23	3.27	88.89	7.98	80.91
	2nd quarter	68.79	4.34	64.45	22.85	18.35	21.55	1.70	3.23	0.27	2.97	72.02	4.60	67.42
	3rd quarter	66.51	4.56	61.95	22.91	18.07	19.08	1.89	3.16	0.26	2.90	69.67	4.82	64.85
	4th quarter	84.51	5.79	78.72	24.39	22.11	29.74	2.48	3.41	0.17	3.24	87.92	5.96	81.96
1994	1st quarter	87.26	7.65	79.62	24.76	21.50	31.16	2.20	3.23	0.18	3.05	90.49	7.83	82.67
	2nd quarter	71.19	5.17	66.02	23.78	19.46	20.92	1.86	3.02	0.11	2.91	74.20	5.28	68.92
	3rd quarter p	67.65	4.64	63.00	22.09	19.30	19.69	1.93	2.90	0.08	2.82	70.55	4.73	65.82
Per cent change	+1.7	+1.9	+1.7	-3.6	+6.8	+3.2	+2.4	-8.3	-68.8	-2.8	+1.3	-2.0	+1.5	

1. Losses on the grid system and local networks and other differences between data collected on sales and data collected on availability.
 2. Manufacturing industry, construction, energy and water supply industries. 3. Commercial premises, transport and other service sector consumers.
 4. Agriculture, public lighting and combined domestic/commercial premises. 5. Net electricity supplied less transfers to the public distribution system.
 6. The majority of this consumption is by the industrial and fuel sectors (96% in 1993).

TEMPERATURES

TABLE 23. Average temperatures and deviations from the long term mean¹

Degrees Celsius

	Long term mean		Average daily temperature			Deviation from the long term mean		
	1961 to 1990		1992	1993	1994	1992	1993	1994
<i>Statistical month²</i>								
January	3.8		4.8	5.1	4.4	+1.0	+1.3	+0.6
February	4.0		4.6	6.0	4.5	+0.6	+2.0	+0.5
March*	5.4		7.5	5.8	6.4	+2.1	+0.4	+1.0
April	7.6		8.1	8.7	7.0	+0.5	+1.1	-0.6
May	10.2		11.7	10.6	11.1	+1.5	+0.4	+0.9
June*	13.4		15.3	13.8	12.8	+1.9	+0.4	-0.6
July	15.7		16.3	15.2	17.1	+0.6	-0.5	+1.4
August	15.9		15.8	15.1	16.8	-0.1	-0.8	+0.9
September*	14.0		13.2	13.0	13.5	-0.8	-1.0	-0.5
October	11.1		9.3	8.9	10.9	-1.8	-2.2	-0.2
November	7.6		6.9	6.9	10.2	-0.7	-0.7	+2.6
December*	4.9		5.5	4.7	7.3	+0.6	-0.2	+2.4
Year ³	9.5		10.0	9.5	10.2	+0.5	—	+0.7
<i>Calendar month</i>								
January	3.9		4.0	6.0	5.2	+0.1	+2.1	+1.3
February	3.9		5.9	5.4	3.5	+2.0	+1.5	-0.4
March	5.7		7.4	6.6	7.6	+1.7	+0.9	+1.9
April	7.8		8.6	9.3	8.1	+0.8	+1.5	+0.3
May	10.9		13.1	11.2	10.4	+2.2	+0.3	-0.5
June	13.9		15.5	14.4	14.3	+1.6	+0.5	+0.4
July	15.8		16.1	15.1	17.6	+0.3	-0.7	+1.8
August	15.6		15.3	14.4	16.3	-0.3	-1.2	+0.7
September	13.5		13.2	12.5	12.7	-0.3	-1.0	-0.8
October	10.6		7.8	8.5	10.2	-2.8	-2.1	-0.4
November	6.6		7.5	5.0	10.1	+0.9	-1.6	+3.5
December	4.7		4.1	5.3	6.4	-0.6	+0.6	+1.7
Year	9.5		9.9	9.5	10.2	+0.4	—	+0.8

1. Based on data provided by the Meteorological Office. Information on the methodology used is given in footnotes to Table 11 of the Digest of UK Energy Statistics 1994. 2. Months with 4 or 5 weeks. Months marked * contain 5 weeks. 3. Weighted average (based on 52 weeks).

DEFINITIONS AND ABBREVIATIONS

Electricity generators

Major power producers

- National Power, PowerGen, Nuclear Electric, National Grid Company, ScottishPower, Hydro-Electric, Scottish Nuclear, NIGEN, Coolkeeragh Power Ltd., Premier Power Ltd., Central Power, South Western Electricity, Teesside Power Ltd., Lakeland Power Ltd., Corby Power Ltd., Peterborough Power Ltd., Regional Power Ltd., Fibropower Ltd., Fibrogen Ltd., Fellside Heat and Power Ltd., Keadby Generation Ltd., Barking Power Ltd., Elm Energy & Recycling (UK) Ltd.

Other generators

- Industrial and services sector establishments and transport undertakings generating 1 gigawatt hour or more a year.

BCC	— British Coal Corporation	BNF	— British Nuclear Fuels plc
CHP	— Combined heat and power	GDP	— Gross domestic product
LDF	— Light distillate feedstock	NGL	— Natural gas liquids
OTS	— Overseas Trade Statistics of the United Kingdom	UKCS	— United Kingdom Continental Shelf
UKAEA	— United Kingdom Atomic Energy Authority	VAT	— Value added tax

FOREIGN TRADE

TABLE 24. Imports and exports of fuels and related materials¹

	Petroleum						Petroleum						Total fob ³							
	Coal and other solid fuel	Crude			Natural gas	Electricity	Total	Coal and other solid fuel	Crude			Natural gas	Electricity							
		Products ²	Natural gas	Electricity					Crude	Products ²	Natural gas									
<i>Quantity – Million tonnes of oil equivalent</i>						<i>Value – £ million</i>														
IMPORTS: (cif)																				
1989	8.6	39.7	22.1	9.8	1.2	81.4	513	3,079	1,889	615	305	6,400	6,071							
1990	10.2	47.8	25.2	7.3	1.1	91.6	630	4,033	2,427	519	225	7,834	7,418							
1991	13.5	50.1	24.0	6.5	1.4	95.5	734	3,887	2,063	472	343	7,500	7,165							
1992	14.2	51.3	22.3	5.5	1.4	94.7	744	3,745	1,711	397	369	6,965	6,620							
1993 p	13.0	53.3	21.3	4.3	1.4	93.2	736	4,057	1,713	327	426	7,259	6,959							
Per cent change	-8.5	+3.3	-4.6	-22.4	-0.3	-1.8	-1.1	+8.3	+0.1	-17.6	+15.4	+4.2	+5.1							
1992 4th quarter	3.0	13.2	5.1	1.1	0.4	22.8	169	1,075	428	80	104	1,856	1,775							
1993 ⁴ 1st quarter p	3.2	12.7	5.3	1.3	0.4	22.9	181	1,052	466	101	96	1,896	1,819							
2nd quarter p	3.0	14.0	4.5	1.2	0.3	23.1	174	1,120	384	97	105	1,879	1,800							
3rd quarter p	3.4	13.0	5.3	0.6	0.4	22.7	187	953	413	50	107	1,710	1,625							
4th quarter p	3.4	13.6	6.2	1.0	0.4	24.5	195	931	450	81	118	1,774	1,717							
1994 ⁴ 1st quarter p	3.3	11.5	5.2	1.1	0.4	21.4 r	187 r	736	380 r	88	86	1,476 r	1,381 r							
2nd quarter p	2.6	10.9	4.9 r	1.0	0.3	19.8 r	148 r	753 r	399 r	78	87	1,465 r	1,377 r							
3rd quarter p	2.7	9.9	5.4	0.4	0.4	18.9	144	739	496	32	80	1,491	1,424							
Per cent change	-20.5	-23.6	+3.1	-29.9	+0.8	-16.7	-22.5	-22.5	+20.2	-34.7	-25.2	-12.7	-12.4							
EXPORTS: (fob)																				
1989	1.7	53.8	21.9	—	—	77.4	109	4,024	2,039	—	—	6,172	6,172							
1990	1.9	59.2	22.5	—	0.1	83.6	119	5,172	2,455	—	25	7,771	7,771							
1991	1.5	56.6	25.0	—	—	83.1	97	4,370	2,640	—	—	7,107	7,107							
1992	0.8	58.6	26.1	—	—	85.5	63	4,413	2,401	2	—	6,879	6,879							
1993 p	1.0	66.6	29.3	0.5	—	97.5	75	5,108	3,008	26	—	8,217	8,217							
Per cent change	+20.9	+13.5	+12.4	(+)	—	+14.0	+19	+15.7	+25.3	(+)	—	+19.5	+19.5							
1992 4th quarter	0.2	16.0	7.1	—	—	23.3	17	1,298	686	2	—	2,003	2,003							
1993 ⁴ 1st quarter p	0.2	14.2	6.8	0.1	—	21.4	21	1,173	731	2	—	1,926	1,926							
2nd quarter p	0.2	14.1	7.1	0.1	—	21.5	15	1,172	760	6	—	1,953	1,953							
3rd quarter p	0.2	18.3	8.1	0.1	—	26.8	15	1,396	801	8	—	2,220	2,220							
4th quarter p	0.4	19.9	7.3	0.2	—	27.8	23	1,367	717	10	—	2,117	2,117							
1994 ⁴ 1st quarter p	0.4	21.2	7.3 r	0.2	—	29.1 r	22	1,359 r	643 r	11	—	2,035 r	2,035 r							
2nd quarter p	0.2	19.6 r	8.5 r	0.3	—	28.6 r	17	1,427 r	804 r	10	—	2,259 r	2,259 r							
3rd quarter p	0.2	21.7	7.3	0.2	—	29.4	14	1,619	699	11	—	2,343	2,343							
Per cent change	-6.5	+18.7	-10.8	+48.7	—	+9.7	-11.9	+16.0	-13.1	+38.1	—	+5.4	+5.4							
NET EXPORTS:																				
1989	-6.9	14.1	-0.2	-9.8	-1.2	-4.0	-404	945	150	-615	-305	-228	101							
1990	-8.3	11.4	-2.7	-7.3	-1.0	-7.9	-511	1,139	28	-519	-200	-63	353							
1991	-12.0	6.5	1.0	-6.5	-1.4	-12.4	-637	483	577	-472	-343	-391	-58							
1992	-13.4	7.3	3.8	-5.5	-1.4	-9.2	-681	668	690	-395	-369	-87	258							
1993 p	-12.0	13.3	8.1	-3.7	-1.4	4.2	-662	1,051	1,296	-301	-426	958	1,258							
1992 3rd quarter	-3.2	1.2	0.5	-1.2	-0.4	-3.1	-150	104	139	-80	-96	-83	-3							
4th quarter	-2.8	2.8	2.0	-1.1	-0.4	0.5	-152	223	260	-78	-104	147	229							
1993 ⁴ 1st quarter p	-3.0	1.5	1.5	-1.2	-0.4	-1.5	-160	121	264	-98	-96	31	107							
2nd quarter p	-2.8	0.1	2.6	-1.1	-0.3	-1.6	-158	52	376	-91	-105	74	153							
3rd quarter p	-3.2	5.3	2.8	-0.5	-0.4	4.1	-171	443	388	-42	-107	511	595							
4th quarter p	-3.0	6.3	1.1	-0.8	-0.4	3.3	-172	436	267	-70	-118	343	400							
1994 ⁴ 1st quarter p	-3.0 r	9.7	2.3 r	-0.9	-0.4	7.8 r	-165	624 r	264 r	-77	-86	560 r	655 r							
2nd quarter p	-2.4	8.7 r	3.6 r	-0.8	-0.3	8.9 r	-131 r	674 r	406 r	-68	-87	794 r	882 r							
3rd quarter p	-2.5	11.8	1.8	-0.2	-0.4	10.5	-130	881	203	-22	-80	851	918							

1. The figures generally correspond to those published in Section 3 of the OTS. They may differ from figures shown elsewhere in Energy Trends, which come from other sources. Figures for crude oil, and for electricity from 1990, include unpublished revisions. 2. The figures correspond to items 334, 335, 342, 34 (excluding natural gas imports) and 344 of S.I.T.C. (Rev. 3). 3. Value of imports adjusted to exclude the estimated cost of freight, insurance etc. 4. It should be noted that these figures remain provisional and are subject to greater revisions than usual.

PRICES

TABLE 25. Prices of fuels purchased by manufacturing industry in Great Britain¹

Fuel	Size of consumer	1992			1993				1994		
		2nd quarter	3rd quarter	4th quarter	1st quarter	2nd quarter	3rd quarter	4th quarter	1st quarter	2nd quarter	3rd quarter p
COAL (£ per GJ)	Small	2.48	2.38	2.55	2.53	2.53	2.55	2.42	2.38	2.34	2.36
	Medium	2.07	2.11	2.05	2.06	2.15	2.10	2.08	2.02	2.07	2.12
All consumers —	Large	1.50	1.48	1.51	1.42	1.37	1.38	1.40	1.42	1.35	1.41
—	average	1.59	1.58	1.60	1.52	1.49	1.49	1.51	1.51	1.46	1.52
—	10% decile ²	1.55	1.55	1.54	1.59	1.57	1.47	1.53	1.45	1.49	1.51
—	median ²	2.33	2.24	2.45	2.38	2.44	2.41	2.28	2.13	2.28	2.20
—	90% decile ²	2.74	2.71	2.81	2.77	2.76	2.77	2.74	2.66	2.69	2.69
HEAVY FUEL OIL (£ per tonne) ³	Small	65.8	70.8	85.3	83.3	82.3	71.6	72.0	75.4	77.4	78.0
	Medium	64.5	66.2	75.3	72.4	71.2	65.4	66.6	70.8	75.3	77.9
All consumers —	Large	59.5	62.7	72.3	68.2	69.1	64.1	63.2	68.0	70.3	73.7
—	Of which:										
—	Extra large	58.6	62.6	72.2	67.7	68.7	64.1	62.7	67.9	67.8	71.6
All consumers —	Moderately large	61.1	62.8	72.5	69.2	69.8	64.2	64.2	68.2	74.9	77.5
—	average	62.1	65.0	75.0	71.7	71.6	65.5	65.6	69.9	73.0	75.7
—	10% decile ²	60.7	63.6	69.3	66.5	65.5	60.7	61.3	64.3	68.4	70.4
—	median ²	64.8	66.8	80.2	73.4	73.1	66.5	66.8	72.6	76.0	78.0
—	90% decile ²	74.8	76.1	96.6	88.9	88.3	80.0	82.8	90.1	85.8	88.1
GAS OIL (£ per tonne) ³	Small	144.4	142.4	158.3	160.4	160.7	154.3	158.5	154.3	154.2	157.4
	Medium	138.4	130.3	148.5	156.5	152.1	144.9	150.6	143.5	143.3	140.8
All consumers —	Large	128.1	125.1	141.5	140.5	142.7	136.8	137.1	128.1	128.1	124.3
—	average	130.0	126.3	143.0	143.4	144.5	138.5	139.7	131.1	131.0	127.6
—	10% decile ²	120.0	118.0	134.0	136.3	132.0	130.5	133.4	125.4	126.8	124.3
—	median ²	135.7	130.3	149.8	152.1	150.9	143.5	148.9	140.7	140.5	137.6
—	90% decile ²	161.3	150.8	173.5	176.1	178.0	166.8	171.8	166.7	163.4	162.2
ELECTRICITY (Pence per kWh)	Small	6.47	6.45	7.54	7.41	6.24	6.18	7.36	7.16	6.26	6.24
	Medium	4.46	4.57	5.08	5.24	4.68	4.72	4.96	4.82	4.55	4.51
All consumers —	Large	3.41	3.52	3.86	3.92	3.67	3.73	3.90	3.94	3.65	3.56
—	Of which:										
—	Extra large	3.07	3.23	3.55	3.60	3.27	3.41	3.54	3.61	3.31	3.16
All consumers —	Moderately large	3.67	3.74	4.11	4.18	3.98	3.98	4.19	4.19	3.90	3.86
—	average	3.85	3.95	4.38	4.46	4.07	4.13	4.37	4.35	4.03	3.96
—	10% decile ²	3.98	4.11	4.40	4.39	4.26	4.24	4.35	4.21	4.20	4.19
—	median ²	5.87	6.13	7.08	7.05	5.80	5.79	6.61	6.42	5.74	5.83
—	90% decile ²	7.62	7.57	8.83	8.72	7.54	7.75	8.65	8.68	7.68	7.46
GAS (Pence per kWh) ⁴	Small	1.402	1.400	1.359	1.281	1.242	1.329	1.293	1.221	1.288	1.228
	Medium	0.978	0.981	0.962	0.961	0.980	0.983	0.967	0.952	0.931	0.945
All consumers —	Large	0.696	0.685	0.701	0.724	0.706	0.708	0.711	0.752	0.722	0.736
—	average	0.744	0.722	0.759	0.789	0.760	0.746	0.771	0.805	0.768	0.759
—	Firm ⁵	0.930	0.887	0.947	0.959	0.927	0.882	0.935	0.941	0.897	0.854
—	Interruptible ⁵	0.627	0.630	0.627	0.642	0.637	0.650	0.635	0.647	0.657	0.683
—	Tariff ⁵	1.489	1.499	1.420	1.403	1.394	1.380	1.368	1.360	1.414	1.372
—	10% decile ²	0.870	0.836	0.851	0.891	0.894	0.864	0.882	0.866	0.866	0.855
—	median ²	1.347	1.395	1.379	1.357	1.321	1.363	1.298	1.281	1.196	1.148
—	90% decile ²	1.614	1.629	1.542	1.514	1.515	1.600	1.513	1.499	1.507	1.512
MEDIUM FUEL OIL (£ per tonne) ³	All consumers — average ⁶	77.4	77.3	81.0	78.7	79.7	77.6	79.2	81.6	83.1	85.9
LIQUEFIED PETROLEUM GASES (£ per tonne)	All consumers — average ⁶	135.9	145.4	155.5	161.7	158.3	153.5	141.2	143.5	133.8	139.4
HARD COKE (£ per tonne) ⁷	All consumers — average ⁶	107.7	105.1	113.0	117.6	117.0	117.6	116.5	114.9	106.9	93.8

Realised in new and renewed contracts

HEAVY FUEL OIL (£ per tonne) ^{3,8}	67.2	70.4	76.8	70.2	70.9	64.5	65.6	67.3	79.4	76.3
GAS OIL (£ per tonne) ^{3,8}	127.5	129.4	147.0	147.9	145.4	141.8	141.7	129.4	131.5	129.8

1. Average prices paid (exclusive of VAT) by respondents to a Department of Trade and Industry survey of some 1,200 manufacturing sites. The average price for each size of consumer is obtained by dividing the total quantity of purchases, for each fuel, into their total value. Prices vary widely around the average values shown (see footnote 2). Purchases of fuels used as raw materials in manufacturing are excluded. For further details, see the annual "Digest of United Kingdom Energy Statistics" (HMSO). 2. The 10% decile is the point within the complete range of prices below which the bottom 10% of those prices fall. Similarly the 90% decile is the point above which the top 10% of the prices occur. The median is the midway point. Thus, these values show the spread of prices paid. The deciles and the median are calculated by giving equal 'weight' to each purchaser, whereas the average prices, for each size-band and all consumers are given 'weight' according to the quantity purchased. 3. Oil product prices include hydrocarbon oil duty. From the first quarter of 1994 the rates per tonne are £11.67 for Heavy Fuel Oil, £11.98 for Medium Fuel Oil and £19.16 for Gas Oil. 4. Covers all supplies of natural gas including, for example, those purchased direct from onshore/offshore gas fields. Respondents purchasing more than one type of supply (tariff, firm contract and interruptible contract) are treated as separate entities in respect of each type of supply. 5. Prices by type of supply cover consumers of all sizes. 6. No further details of prices can be given owing to the small number of respondents purchasing this fuel. 7. Excludes breeze and blast furnace supplies. 8. Derived from prices reported by nine main oil marketing companies and relate to average prices (excluding VAT) realised on medium sized new contracts or contracts renewed at a changed price.

Note on sizebands used in Table 25

For coal, heavy fuel oil, gas oil, electricity and gas prices are shown in table 25 for various sizes of consumers. These sizebands are defined in terms of the approximate annual purchases by the consumers within them. These are shown below.

Fuel	Range of annual purchases			Medium	Small
	Large	of which:	Extra large	Moderately large	
Coal (tonnes)	Greater than 7,600	n/a	n/a	760 to 7,600	760
Heavy fuel oil (tonnes)	4,900	15,000	4,900 to 15,000	490 to 4,900	490</td

TABLE 26. Average prices of fuels purchased by the major UK power producers¹ and by British Gas

	Major power producers ¹			British Gas
	Coal ²	Oil ^{3,4}	Natural Gas ⁵	Natural gas ⁶
1989	£ per tonne 45.81	£ per tonne 61.19	pence per kWh 0.665	pence per kWh 0.528 1989/90
1990	43.77	53.49	..	0.575 1990/91
1991	43.47	56.62	..	0.595 1991
1992	45.52	57.76	..	0.590 1992
1993	42.44	55.90	0.703	0.600 1993
1992 2nd quarter	45.14	55.92	..	0.579
3rd quarter	46.32	54.35	..	0.579
4th quarter	46.05	64.96	..	0.619
1993 1st quarter	45.97	62.33	0.764	0.600
2nd quarter	40.94	57.15	0.632	0.600
3rd quarter	40.46	52.90	0.631	0.600
4th quarter	39.53	52.08	0.883	0.600
1994 1st quarter	33.98	62.60	0.679	0.600
2nd quarter	38.92	65.04	0.642	0.624
3rd quarter p	38.10	72.14	0.678	0.624

1. See definitions below Table 23. 2. Includes slurry. 3. Includes oil for burning, for gas turbines and for internal combustion engines (other than for use in road vehicles). Excludes any natural gas liquids burnt at Peterhead power station. 4. Includes hydrocarbon oil duty. 5. Between 1990 and 1992 gas prices are not available for reasons of confidentiality. 6. Quarterly figures are estimates. Prior to 1991 annual figures are for financial years to 31 March. The prices exclude the Government's levy on indigenous supplies. Including the levy, the average prices, converted to pence per kWh, were as follows:

	pence per kWh
1988/89	0.569
1989/90	0.589
1990/91	0.621
1991	0.641
1992	0.639
1993	0.641

TABLE 27. Fuel price indices for the industrial sector¹

1990=100

	Unadjusted					Seasonally adjusted		
	Coal ²	Heavy fuel oil ²	Gas ³	Electricity ³	Total fuel	Gas ³	Electricity ³	Total fuel
Current fuel price index numbers								
1989	97.3	92.0	98.3	100.2	98.5			
1990	100.0	100.0	100.0	100.0	100.0			
1991	98.5	87.8	101.0	103.3	100.4			
1992	99.7	84.5	104.5	109.1	104.2			
1993	93.6	90.0	99.2	112.2	105.6			
Per cent change	-6.1	+6.6	-5.0	+2.8	+1.4			
1993 1st quarter	94.6	94.1	107.0	119.7	112.5	100.2	115.1	108.3
2nd quarter	92.8	94.0	95.9	109.5	103.9	96.5	113.6	106.6
3rd quarter	93.0	86.1	93.9	107.6	101.2	101.0	112.6	105.7
4th quarter	94.0	86.1	100.1	111.6	104.9	99.0	107.5	102.2
1994 1st quarter	94.2	92.1	102.3	112.1	106.5	95.8	107.8	102.6
2nd quarter	90.7	96.0	95.2	107.5	102.7	96.2	111.4	105.3
3rd quarter p	94.5	99.7	90.0	104.7	100.6	96.8	109.2	104.7
Per cent change	+1.6	+15.8	-4.2	-2.7	-0.6	-4.2	-3.0	-0.9
Fuel price index numbers relative to the GDP deflator								
1989	103.5	97.8	104.5	106.6	104.8			94.0
1990	100.0	100.0	100.0	100.0	100.0			100.0
1991	92.5	82.5	94.8	97.0	94.3			106.5
1992	89.8	76.0	94.0	98.2	93.8			111.1
1993	81.5	78.4	86.4	97.6	92.0			114.9
Per cent change	-9.2	+3.1	-8.2	-0.6	-2.0			+3.4
1993 1st quarter	83.3	82.8	94.2	105.4	99.0	88.2	101.4	95.3
2nd quarter	81.0	82.0	83.6	95.5	90.6	84.2	99.2	93.0
3rd quarter	80.8	74.7	81.5	93.4	87.9	87.7	97.7	91.7
4th quarter	81.0	74.1	86.2	96.1	90.4	85.3	92.6	88.0
1994 1st quarter	80.9	79.1	87.9	96.3	91.5	82.3	92.6	88.1
2nd quarter	77.8	82.4	81.7	92.2	88.1	82.5	95.5 ⁵	90.3
3rd quarter p	80.4	84.8	76.6	89.1	85.7	82.4	92.9 ⁵	89.1
Per cent change	-0.4	+13.6	-6.0	-4.6	-2.5	-6.1	-4.9	-2.8
								+2.0

1. Index numbers shown represent the average for the period specified. VAT is excluded. 2. Indices based on a survey of the prices of fuels delivered to industrial consumers in Great Britain only as shown in Table 25. 3. Indices based on the average unit value of sales to industrial consumers. 4. GDP deflator at market prices and seasonally adjusted. 5. The seasonal adjustment methodology indicates that these figures have a high margin of error.

TABLE 28. Fuel price indices for the domestic sector^{1,2}

1990=100

	Coal and coke	Gas	Electricity	Heating oils ³	Fuel and light	Petrol and oil	Fuel, light, petrol and oil
Current fuel price index numbers							
1990	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1991	106.4	106.9	110.1	96.2	107.9	107.5	107.7
1992	110.5	106.7	115.8	84.6	110.2	110.5	110.3
1993	111.0	102.6	115.4	89.9	108.9	119.3	113.4
1994 p	118.2	108.8	119.2	90.0	113.7	124.8	118.7
Per cent change	+6.4	+6.0	+3.3	+0.1	+4.5	+4.6	+4.7
1993 2nd quarter	109.3	102.7	115.6	90.4	108.9	121.4	114.3
3rd quarter	108.8	102.7	114.6	87.2	108.3	120.6	113.6
4th quarter	113.3	102.6	114.5	89.6	108.5	120.8	113.8
1994 1st quarter	113.8	102.6	113.3	86.1	107.8	122.8	114.6
2nd quarter	119.2	110.9	121.0	92.5	115.6	124.1	119.4
3rd quarter	118.1	110.9	121.6	91.1	115.7	126.4	120.5
4th quarter p	121.8	110.9	121.0	90.3	115.5	125.7	120.1
Per cent change	+7.5	+8.1	+5.7	+0.8	+6.5	+4.1	+5.5
Fuel price index numbers relative to the GDP deflator							
1990	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1991	99.9	100.4	103.3	90.3	101.3	100.9	101.2
1992	99.5	96.1	104.2	76.2	99.2	99.4	99.3
1993	96.6	89.3	100.4	78.2	94.7	103.8	98.7
1994 p	100.9	92.8	101.7	76.8	97.0	106.5	101.3
Per cent change	+4.4	+4.0	+1.3	-1.8	+2.4	+2.5	+2.7
1993 2nd quarter	95.4	89.6	100.9	78.9	95.1	106.0	99.8
3rd quarter	94.4	89.1	99.5	75.7	94.0	104.7	98.6
4th quarter	97.6	88.4	98.6	77.2	93.5	104.1	98.0
1994 1st quarter	97.8	88.2	97.3	74.0	92.6	105.5	98.4
2nd quarter	102.2	95.1	103.8	79.3	99.1	106.4	102.4
3rd quarter	100.5	94.4	103.5	77.5	98.5	107.6	102.6
4th quarter p	103.1	93.9	102.5	76.5	97.8	106.4	101.7
Per cent change	+5.7	+6.3	+3.9	-0.9	+4.6	+2.3	+3.7
							GDP deflator ⁴
							100.0
							106.5
							111.1
							114.9
							117.2
							+2.0
							114.6
							115.2
							116.1
							116.4
							116.6
							117.5
							118.1
							+1.7

1. Index numbers shown represent the average for the period specified. 2. Figures from the 2nd quarter of 1994 for Coal and Coke, Gas, Electricity and Heating Oils include VAT at 8 per cent. 3. Bottled gas and oil fuel. 4. GDP deflator (market prices, seasonally adjusted). The GDP deflator for the fourth quarter of 1994 has been estimated.

TABLE 29. Typical retail prices of petroleum products and a crude oil price index

	Motor spirit ¹			Derv ¹	Standard grade burning oil ^{1,2}	Gas oil ^{1,3}	Crude oil acquired by refineries ⁴
	4 star	Super unleaded	Premium unleaded				
Pence per litre							
1988 January	36.79	33.94	11.97	12.29	74.7
1989 January	37.14	..	36.02	34.17	11.41	11.15	72.6
1990 January	40.92	..	38.37	39.21	15.45	15.46	95.6
1991 January	45.13	44.38	42.14	43.31	17.52	17.13	109.5
1992 January	46.93	45.57	43.43	43.19	12.47	12.02	79.7
1993 January	51.27	49.76	47.13	47.05	14.10	13.52	98.7
1993 Aug	54.46	53.31	49.66	49.08	12.87	12.66	89.7
Sept	54.64	53.54	49.98	49.38	12.84	12.72	89.1
Oct	54.09	53.01	49.29	49.26	13.64	13.51	89.4
Nov	54.15	53.11	49.38	50.01	13.68	13.42	79.9
Dec	55.78	54.76	50.79	51.61	13.35	13.14	77.0
1994 Jan	55.50	54.48	50.83	51.72	12.94	12.72	72.0
Feb	55.91	54.60	50.52	51.03	12.87	12.65	70.0
Mar	55.73	54.33	50.35	50.62	12.63	12.37	69.5
Apr	56.40	55.18	51.21	51.38	13.64	13.63	77.3
May	56.72	55.69	51.32	51.51	13.62	13.72	82.0
June	57.18	56.26	51.84	51.54	13.19	13.30	84.5
July	56.94	56.20	51.42	51.38	13.41	13.25	88.5
Aug	58.35	57.65	52.95	52.10	13.51	13.32	85.6
Sep	57.68	57.31	52.67	51.88	13.53	13.14	81.6
Oct	57.35	56.70	51.92	51.33	13.63	13.27	83.8
Nov	56.41 r	55.78 r	51.11 r	50.84 r	13.73	13.71	88.4 r
Dec p	58.32	57.57	52.79	53.04	13.68	14.10	82.4
	1990 = 100						

1. These approximate estimates are generally representative of prices paid on or about the 15th of the month. Estimates are based on information provided by oil marketing companies. The January 1989 price for unleaded motor spirit is based on information from fewer companies and is therefore less reliable than the other estimates given. 2. These estimates are for deliveries of up to 1,000 litres; such deliveries attract 8% VAT from 1 April 1994. 3. These estimates are for deliveries of 2,000 to 5,000 litres; such deliveries attract 8% VAT from 1 April 1994. 4. Price index for supplies received by refineries in the UK from both indigenous and imported sources. It represents the average for the month calculated in sterling on a cif basis.

STANDARD CONVERSION FACTORS AND APPROXIMATE EQUIVALENTS¹

1 tonne of oil equivalent	= 397 therms	1 kilowatt (kW)	= 1,000 watts
	= 11,630 kWh	1 megawatt (MW)	= 1,000 kilowatts
1 therm	= 29.3071 kilowatt hours (kWh)	1 gigawatt (GW)	= 1,000 megawatts
1 gigajoule (GJ)	= 9.4781 therms	1 terawatt (TW)	= 1,000 gigawatts
1 tonne of UK crude oil	= 7.55 barrels	1 petawatt (PW)	= 1,000 terawatts
1 gallon (UK)	= 4.54609 litres		

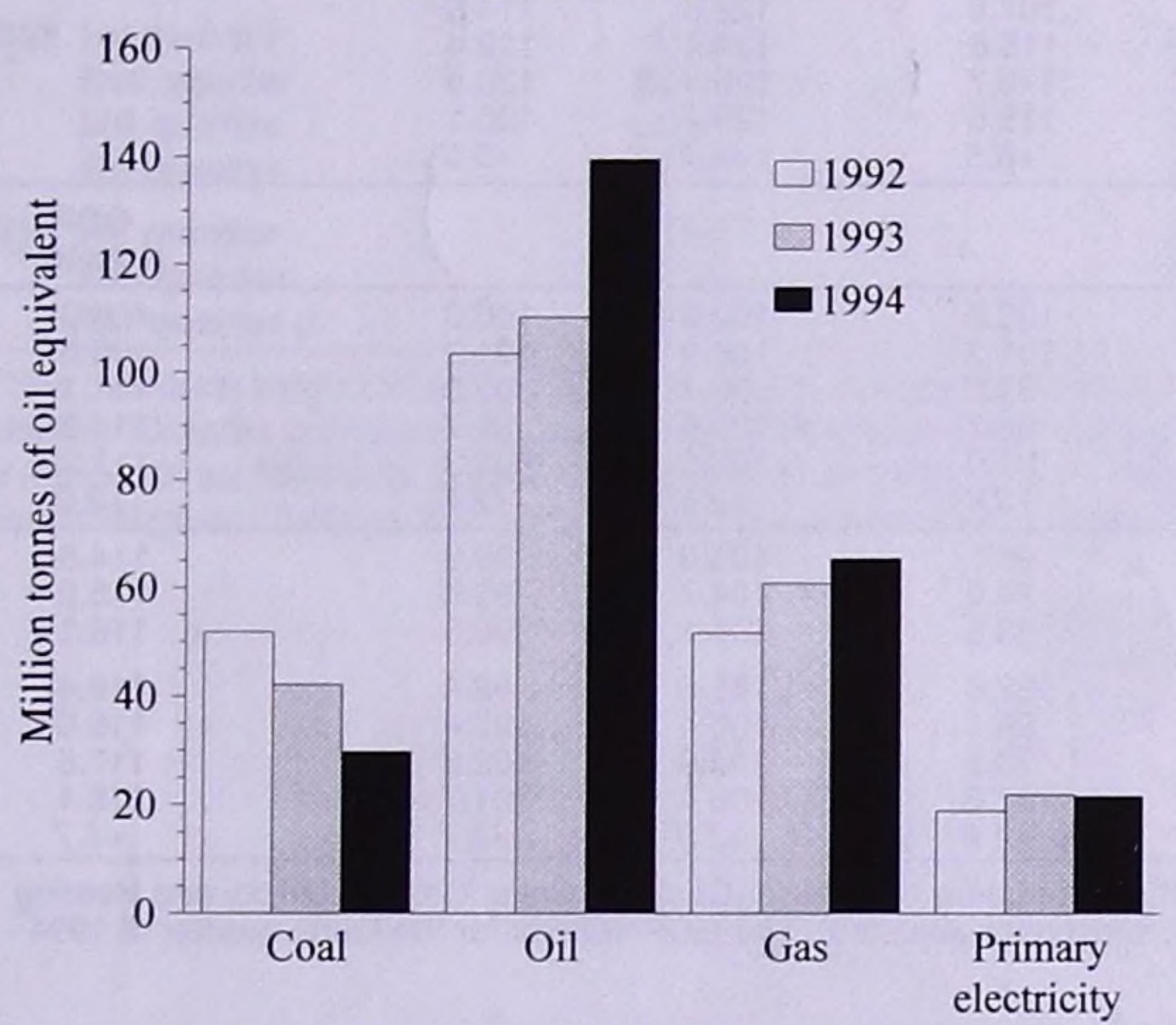
1. More detailed information on conversion factors, approximate equivalents and calorific values of fuels is given on pages 137 to 140 of the Digest of UK Energy Statistics 1994.

Energy production and consumption in the UK in 1994

Primary energy production

The total production of indigenous primary fuels in 1994 was 256.4 million tonnes of oil equivalent. This was 13.6 per cent higher than in 1992 and an 9.2 per cent higher than in 1993. The changes in the individual fuels are illustrated in **Chart 1**.

**Chart 1 : Primary energy production
1992 to 1994**



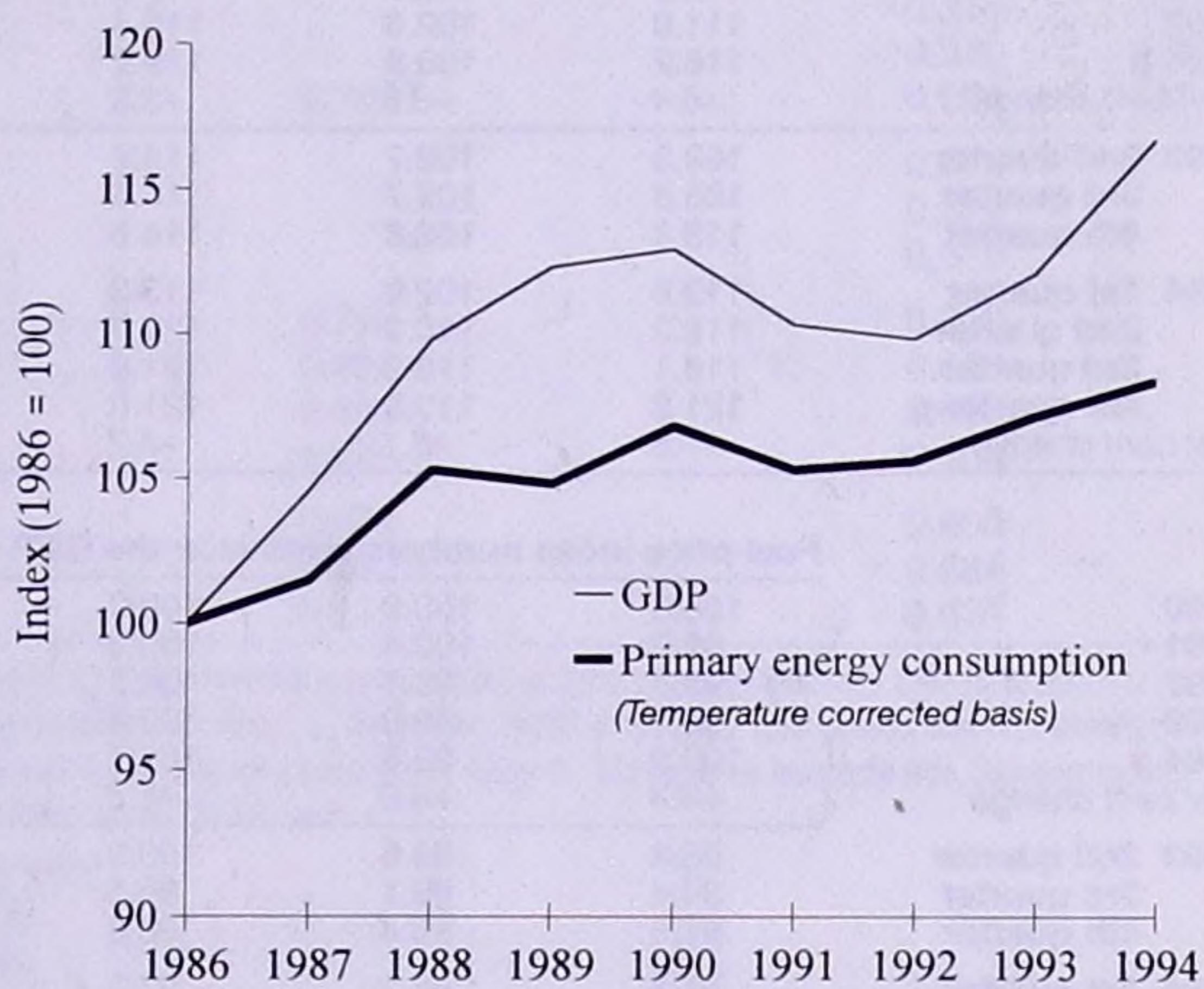
The main increase in 1994 was in oil production, which was 26.7 per cent higher than in 1993 and at its highest level since 1986, reflecting new oil fields coming on stream. Gas production also rose, by 7.7 per cent to a record level, partly to meet increased demand for electricity generation. Taken together oil and gas production was 20 per cent higher in 1994 and at its highest level ever. In contrast production of coal, in British Coal's final year, was 29.2 per cent lower than in 1993, reflecting the recent pit closures. Production of primary electricity changed only slightly in 1994 with a fall of 1.2 per cent. This fall conceals a 12.8 per cent increase in the production of hydro-electricity, which was more than offset by a 1.4 per cent fall in nuclear electricity, mainly due to one nuclear station not being available in December.

Primary energy consumption

Total inland energy consumption in 1994 was 219.4 million tonnes of oil equivalent, 1.4 per cent lower than in 1993; when the relatively warm weather during 1994 is taken into account, there was a 0.5 per cent increase. On this basis primary consumption has increased gradually over the last three years as the economy has improved (see **Chart 2**).

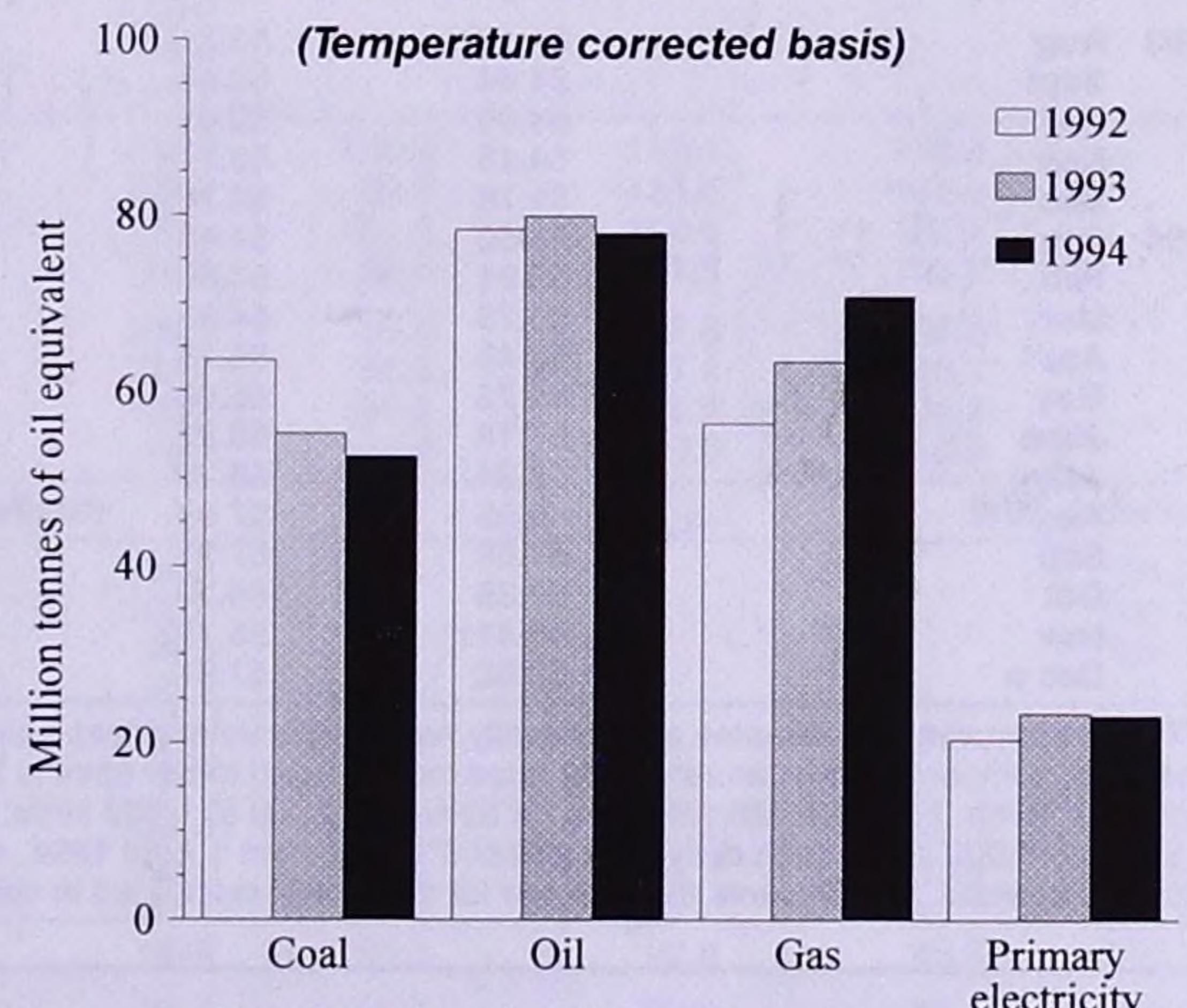
Changes in the consumption of individual fuels, on a temperature corrected basis, are illustrated in **Chart 3**. Gas is the only fuel to show an increase in consumption on this basis since 1993. The 8.8 per cent increase is mainly a result of the con-

Chart 2 : Trends in primary energy consumption and gross domestic product, 1986 to 1994



tinued increase in the use of gas for electricity generation, which increased by 45 per cent since 1993, largely at the expense of coal. Overall, coal consumption showed a further fall in 1994 compared with 1993. The 4.7 per cent decline was less than in the previous year and considerably less than the decline in production, with the main consumers, the electricity generators running down their stocks during 1994. There were small falls in the consumption of petroleum and primary electricity during 1994, down by 2.4 per cent and 1.1 per cent respectively.

**Chart 3 : Primary energy consumption
1992 to 1994**



Enquiries about the data in, or subscriptions to, this bulletin should be addressed to: EPA4, (attention: Jane Rees-Davies) Room 3.3.18, Department of Trade & Industry, 1 Palace Street, London SW1E 5HE (tel: 0171-238 3606). Suggestions about changes to the content or scope of the bulletin should be sent to the same address, (attention Mike Ward).