

# Small rise in 1st quarter final consumption

## Total energy

### Little change in recent pattern

Total inland energy consumption on a primary fuel input basis during the period March to May was 0.3 per cent higher than in the comparable period of last year. The very consistent pattern of total consumption between individual months in each period being repeated also in the seasonally adjusted and temperature corrected series. In both measures however, coal consumption has fallen by about five per cent and nuclear electricity by eight per cent, compensated by increases in natural gas and petroleum of about five and four per cent respectively.

Provisional figures of energy consumption by final users in the first quarter of 1978 indicate that total consumption on a heat supplied basis rose by 1.6 per cent compared with the 1st quarter of last year. Gas consumption rose by some 13 per cent and electricity by 1.2 per cent but lower consumption was recorded by all other fuels. The period as a whole was appreciably colder than a year earlier and the bulk of the increase occurred in the domestic sector where the substantial rise in gas consumption more than compensated for the sharp reduction in coal and other solid fuels. Total consumption by all sectors of other solid fuels fell by 13.7 per cent, by far the greater part of the decline being due to the present greatly reduced requirement for steelmaking. Total consumption by industries other than iron and steel rose by 0.7 per cent with increases of 7.3 and two per cent respectively for gas and electricity offsetting declines in the other principal fuels used.

In the other final users sector, largely comprising commercial premises, schools, hospitals etc, total consumption rose by 2.8 per cent, influenced to some extent by the colder weather conditions and in this sector also higher consumption of gas, and to a lesser extent electricity, compensated for lower use of other fuels.

## Coal

### Stocks increasing

Total coal production during the first half of 1978 was 62.3 million tonnes, marginally higher than in the corresponding period of last year. Deep-mined output fell by 1.5 per cent but this was largely balanced by the continuing increase in opencast output, there being an additional 0.6 million tonnes from this source.

Coal consumption during the 1st half of 1978 totalled 62.1 million tonnes, 3.8 million tonnes less than in 1977, a reduction of 5.7 per cent. As a result of the decline in consumption, total coal stocks since the beginning of the year have risen by 0.4 million tonnes contrasting sharply with the situation a year previously when stocks fell by 3.9 million tonnes.

Productivity during the first half of 1978 measured in output per manshift overall was 2.28 tonnes, an increase of 1.3 per cent on the corresponding period of last year.

## Gas

### Steady increase in demand

In the first half of 1978, total gas sent out was six per cent higher than in the corresponding period of 1977. During the three month period April to June however, the rise on last years figure was only 1.9 per cent, about one-fifth of the increase recorded in the January to March quarter. The recent apparent decline in gas sent out was very largely due to contrasting weather conditions and, after allowance is made for temperature differences, recent demand is consistent with the six per cent growth in the year to date.

## Electricity

### Domestic consumption slightly lower

Total electricity supplied in the UK during the three-month period March to May was 1.7 per cent higher than in the comparable period of last year with most of the increase occurring in April.

Electricity sales during the first quarter of 1978 were one per cent higher than in the 1st quarter last year. Sales to the iron and steel industry declined by 5.3 per cent but there was an increase of 1.7 per cent in the other industry sector. Although it was markedly colder than last year, sales to domestic consumers fell by 0.8 per cent while the commercial and public administration sector, in contrast, took 4.8 per cent more than a year ago.

The final table of this month's issue in the Supplementary Data section gives details of electricity generated outside the public supply system, mainly by manufacturing industries. Of these industries, only engineering and other metal trades with an increase in generation of 6.2 per cent provided more of their own requirements than a year previously and generation by the nuclear power stations of the UKAEA and British Nuclear Fuels Ltd for the public supply system rose by some 18 per cent.

## Petroleum

### Strong demand for transport fuels

Gross indigenous production of crude petroleum from the North Sea was 12.3 million tonnes in the three-month period March to May. The May figure of 4.6 million tonnes, over 1.1 million barrels per day, was the highest rate of production yet achieved. Total supply of crude oil in the March to May period was 23.5 million tonnes, a decrease of 4.1 per cent on the comparable period of last year, with net arrivals of overseas crude oil lower by over a quarter.

Total inland deliveries of petroleum products in the March to May period were 4.2 per cent higher than a year ago. Of the transport fuels, aviation turbine fuel and motor spirit rose by 8.6 and 7.1 per cent respectively while deliveries of derv fuel were marginally below last years level although the decrease was wholly confined to the first month of the period. Fuel oil deliveries were higher by seven per cent but deliveries of naphtha, used principally as a feedstock, were down by 5.6 per cent following a sharp decline in May.

Enclosed with this edition of *Energy Trends* is an Energy Flow Chart for 1977. A limited number of individual copies are available for educational purposes etc. Requests should be addressed to: The Library, Department of Energy, Thames House South, Millbank, London SW1P 4QJ. Tel:01-211 3394.

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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 Table 1.

Monthly figures relate to four week periods except where otherwise indicated.

Percentage changes relate to the corresponding period a year ago. These comparisons can be affected by calendar difference, especially during periods of rapid change. They are calculated from unrounded figures but are shown only as (+) or (–) when the percentage change is very large. All figures relate to the United Kingdom unless otherwise indicated.

# Total energy

TABLE 1. Inland energy consumption: primary fuel input basis

	Total	Coal <sup>1</sup>	Petroleum <sup>2</sup>	Natural gas <sup>3</sup>	Nuclear electricity	Hydro-electricity
<i>Million tonnes of coal or coal equivalent</i>						
1974	337.5	117.9	152.5	52.9	12.1	2.1
1975	324.8	120.0	136.5	55.4	10.9	2.0
1976	329.8	122.0	134.2	58.8	12.9	1.9
1977 p	338.4	122.7	136.6	62.8	14.3	2.0
Per cent change	+2.6	+0.6	+1.7	+6.8	+11.0	+7.2
1977 Jan–May	150.4	55.7	58.1	29.5	6.2	0.9
1978 Jan–May p	150.7	52.3	59.8	31.5	6.1	1.0
Per cent change	+0.2	–6.1	+2.9	+6.8	–1.0	+3.8
1977 Mar*	36.1	13.2	14.0	7.0	1.7	0.2
Apr	27.4	10.0	10.7	5.3	1.2	0.2
May	24.9	9.5	9.9	4.3	1.0	0.2
Total	88.4	32.7	34.6	16.6	3.9	0.6
1978 Mar*	36.1	12.6	14.2	7.4	1.6	0.3
Apr	27.9	9.4	11.4	5.8	1.1	0.2
May p	24.6	9.1	10.4	4.2	0.8	0.1
Total	88.6	31.1	36.0	17.4	3.5	0.6
Per cent change	+0.3	–5.0	+3.9	+5.3	–8.1	–2.6

*Seasonally adjusted and temperature corrected<sup>4</sup> (annual rates)*

1977 Jan–May	339.5	126.6	135.3	61.6	14.0	2.0
1978 Jan–May p	336.6	117.9	138.6	64.3	13.8	2.0
Per cent change	–0.9	–6.9	+2.4	+4.3	–0.9	+1.1
1977 Mar*	337.2	125.5	133.5	61.7	14.4	2.1
Apr	338.2	125.7	134.6	61.9	13.7	2.3
May	345.3	125.2	140.2	62.4	14.5	3.0
Average	340.1	125.5	135.9	62.0	14.2	2.5
1978 Mar*	335.4	117.8	134.7	66.8	13.8	2.3
Apr	342.0	118.9	140.9	66.7	13.0	2.5
May p	346.1	120.0	150.0	61.6	12.2	2.3
Average	340.7	118.8	141.3	65.2	13.0	2.4
Per cent change	+0.2	–5.3	+4.0	+5.1	–8.2	–4.0

Explanatory notes on the definitions and concepts used in the tables and on the relationship between some of the main series are given in the Supplement to the March 1976 issue of *Energy Trends* and on the first page of the August 1976 issue. Extra copies of that Supplement may be obtained from the Department of Energy.

## Symbols used in the tables

- .. not available.
- nil or less than half the final digit shown.
- \* five-week period.
- p provisional.

Total	Coal <sup>1</sup>	Petroleum <sup>2</sup>	Natural gas <sup>3</sup>	Nuclear electricity	Hydro-electricity
<i>Million tonnes of oil or oil equivalent</i>					
198.6	69.3	89.7	31.2	7.1	1.3
191.1	70.6	80.3	32.6	6.4	1.2
194.0	71.8	78.9	34.6	7.6	1.1
199.0	72.2	80.3	36.9	8.4	1.2
+2.6	+0.6	+1.7	+6.8	+11.0	+7.2
88.5	32.7	34.2	17.8	3.7	0.5
88.7	30.7	35.2	18.6	3.6	0.6
+0.2	–6.1	+2.9	+6.8	–1.0	+3.8
21.2	7.8	8.2	4.1	1.0	0.1
16.1	5.9	6.3	3.1	0.7	0.1
14.6	5.6	5.8	2.5	0.6	0.1
51.9	19.3	20.3	9.7	2.3	0.3
21.2	7.4	8.3	4.4	0.9	0.1
16.4	5.5	6.7	3.4	0.7	0.1
14.5	5.4	6.1	2.4	0.5	0.1
52.1	18.3	21.1	10.2	2.1	0.3
+0.3	–5.0	+3.9	+5.3	–8.1	–2.6

199.7	74.5	79.6	36.2	8.2	1.2
198.0	69.4	81.5	37.8	8.1	1.2
–0.9	–6.9	+2.4	+4.3	–0.9	+1.1
198.3	73.8	78.5	36.3	8.5	1.2
199.0	73.9	79.2	36.4	8.1	1.4
203.2	73.7	82.5	36.7	8.5	1.8
200.0	73.8	79.9	36.5	8.4	1.4
197.3	69.3	79.2	39.3	8.2	1.3
201.1	69.9	82.9	39.2	7.6	1.5
203.6	70.6	88.3	36.2	7.1	1.4
200.4	69.9	83.1	38.3	7.7	1.4
+0.2	–5.3	+4.0	+5.1	–8.2	–4.0

1. Consumption by fuel producers plus colliery disposals to final users, plus (for annual figures only) net foreign trade and stock change in other solid fuels.
2. Refinery throughput of crude oil, plus net foreign trade and stock change in petroleum products, less deliveries of non-energy products.
3. Excluding gas flared, or reinjected.
4. Coal, petroleum and natural gas are temperature corrected.

## Energy: Total inland consumption (primary fuel input basis)<sup>1</sup>

Million tonnes  
coal equivalent

Million tonnes  
oil equivalent

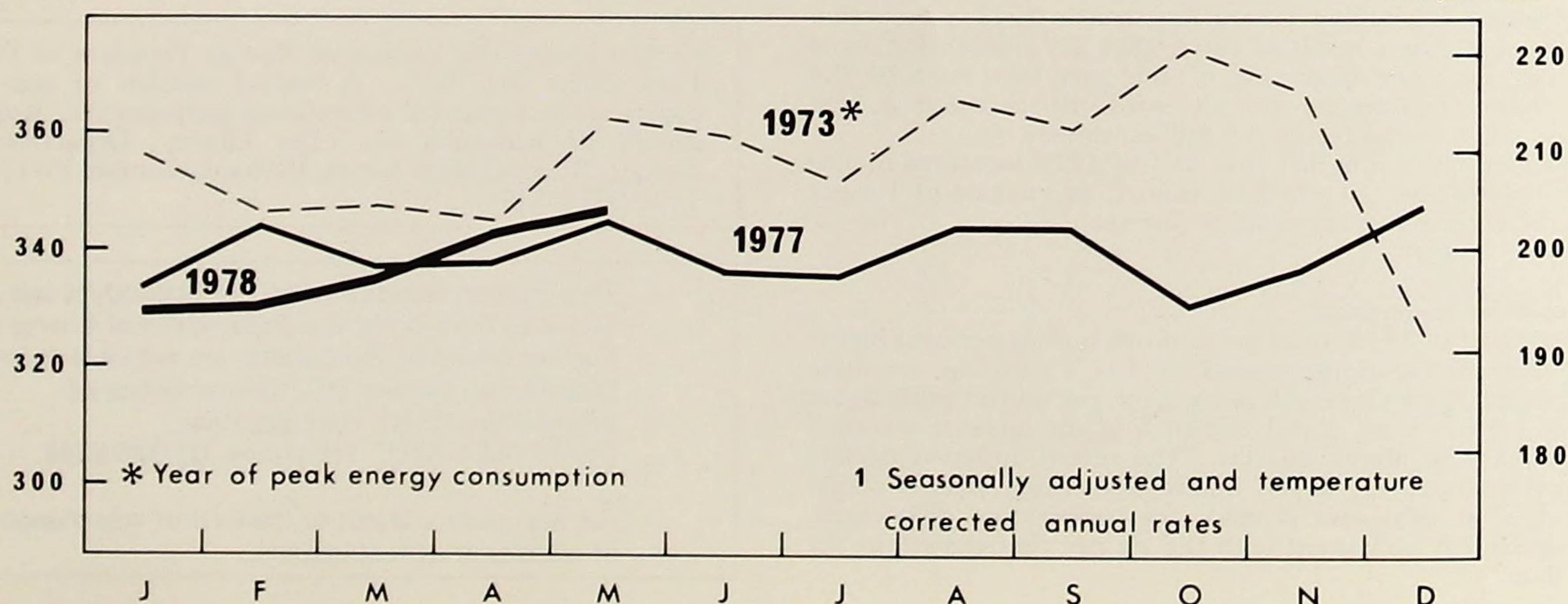




TABLE 2. Supply and use of fuels

Million therms

	1976	1977 p	Per cent change	1976				1977				1978 p	Per <sup>1</sup> cent change
				1st quarter	2nd quarter	3rd quarter	4th quarter	1st quarter	2nd quarter	3rd quarter	4th quarter	1st quarter	
PRIMARY FUELS AND EQUIVALENTS:													
Production of primary fuels													
Coal	30,166	29,682	−1.6	8,006	7,635	6,378	8,147	7,604	7,514	6,405	8,159	7,536	−0.9
Petroleum <sup>2</sup>	5,206	16,350	(+)	574	1,020	1,335	2,277	3,305	4,214	4,337	4,494	4,839	+46.4
Natural gas <sup>3</sup>	14,379	15,024	+4.5	4,727	2,962	2,173	4,517	4,916	3,459	2,497	4,152	4,909	−0.1
Primary electricity	3,411	3,761	+10.3	926	786	770	929	1,070	877	852	962	11,044	+6.9
Total	53,162	64,817	+21.9	14,233	12,403	10,656	15,870	16,895	16,064	14,091	17,767	18,428	+9.1
Arrivals. Petroleum <sup>4</sup>	43,174	35,730	−17.2	10,992	10,949	10,160	11,073	9,615	9,116	8,253	8,746	8,892	−7.5
Other	1,183	1,366	+15.5	351	336	270	226	195	199	371	601	641	(+)
Shipments	9,176	13,841	+50.8	1,745	2,068	2,507	2,856	2,973	3,651	3,886	3,331	3,408	+14.6
Bunkers	1,468	1,168	−20.4	371	346	381	370	316	309	292	251	246	−22.2
Stock change <sup>5</sup>													
Solid fuels	−634	+238	..	+312	−820	−388	+262	+1,252	−385	−194	−435	+477	..
Crude Petroleum	−378	+555	..	+354	−196	−25	−511	+375	−352	+253	+279	+92	..
Petroleum products	+240	+424	..	+648	−431	−367	+390	+564	−225	−309	+394	+185	..
Non-energy use	4,448	4,373	−1.7	1,138	1,111	1,159	1,040	1,123	1,110	1,109	1,031	1,016	−9.5
Statistical difference <sup>6</sup>	+54	−68	..	+58	−23	−2	+21	−337	+319	−10	−40	+119	..
Total primary <sup>7</sup> energy input	81,709	83,680	+2.4	23,694	18,693	16,257	23,065	24,147	19,666	17,168	22,699	24,164	+0.1
Conversion losses etc. <sup>8</sup>	24,382	25,148	+3.2	6,913	5,597	4,905	6,967	7,274	5,854	5,263	6,757	7,014	−3.6
FINAL CONSUMPTION BY USER													
Iron and steel industry													
Coal	66	66	—	23	14	9	20	23	15	10	18	16	−30.4
Other solid fuel <sup>9</sup>	2,723	2,394	−12.1	631	719	670	703	663	593	600	538	553	−16.6
Other coal-derived fuels <sup>1 0</sup>	401	362	−9.7	98	109	97	97	94	89	95	84	81	−13.8
Gas <sup>1 1</sup>	438	485	+10.7	108	112	99	119	128	125	113	119	118	−7.8
Electricity	395	389	−1.5	100	96	90	109	104	96	92	97	97	−6.7
Petroleum	1,279	1,205	−5.8	354	306	273	346	352	286	256	311	334	−5.1
Total	5,302	4,901	−7.6	1,314	1,356	1,238	1,394	1,364	1,204	1,166	1,167	1,199	−12.1
Other industries													
Coal	2,277	2,295	+0.8	547	564	470	696	618	530	483	664	623	+0.8
Other solid fuel <sup>9</sup>	126	156	+23.8	38	24	27	37	38	38	35	45	51	+34.2
Other coal-derived fuels <sup>1 0</sup>	76	74	−2.6	13	23	25	15	19	23	19	13	17	−10.5
Gas <sup>1 1</sup>	5,241	5,458	+4.1	1,456	1,236	1,083	1,466	1,431	1,373	1,171	1,483	1,536	+7.3
Electricity	2,364	2,411	+2.0	617	563	546	638	645	599	559	608	658	+2.0
Petroleum	7,441	7,520	+1.1	2,555	1,696	1,400	2,090	2,245	1,774	1,428	2,073	2,148	−4.3
Total	17,525	17,914	+2.2	4,926	4,106	3,551	4,942	4,996	4,337	3,695	4,886	5,033	+0.7
Transport sector													
Coal and other solid fuel	21	20	−4.8	7	4	2	8	6	4	3	7	6	—
Electricity	98	100	+2.0	26	24	22	26	26	26	23	25	27	+3.9
Petroleum	12,597	12,931	+2.7	2,889	3,198	3,333	3,177	2,988	3,218	3,420	3,305	3,048	+2.0
Total	12,716	13,051	+2.6	2,922	3,226	3,357	3,211	3,020	3,248	3,446	3,337	3,081	+2.0
Domestic sector													
Coal	3,140	3,230	+2.9	931	764	634	811	850	773	703	904	761	−10.5
Other solid fuel <sup>9</sup>	869	843	−3.0	277	196	208	188	227	204	223	189	197	−13.2
Gas <sup>1 1</sup>	6,194	6,590	+6.0	2,403	1,055	686	2,050	2,413	1,371	771	2,035	2,808	+16.4
Electricity	2,905	2,932	+0.9	993	585	464	863	972	638	511	811	967	−0.5
Petroleum	1,435	1,450	+1.1	519	268	176	472	518	295	205	432	520	+0.4
Total	14,543	15,045	+3.5	5,123	2,868	2,168	4,384	4,980	3,281	2,413	4,371	5,253	+5.5
Other final users <sup>1 2</sup>													
Coal	516	544	+5.4	172	113	73	158	166	118	83	177	167	+0.6
Other solid fuel <sup>9</sup>	166	166	—	51	44	37	34	50	36	45	35	43	−14.0
Gas <sup>1 1</sup>	1,521	1,587	+4.3	571	317	169	464	561	380	180	466	643	+14.6
Electricity	1,597	1,689	+5.8	479	345	308	465	495	386	346	462	519	+4.8
Petroleum	3,441	3,635	+5.6	1,223	721	451	1,046	1,241	822	531	1,041	1,212	−2.3
Total	7,247	7,621	+5.2	2,496	1,540	1,038	2,167	2,513	1,742	1,185	2,181	2,584	+2.8
Total final users	57,327	58,532	+2.1	16,781	13,096	11,352	16,098	16,873	13,812	11,905	15,942	17,150	+1.6
FINAL CONSUMPTION BY FUEL													
Coal	6,019	6,154	+2.2	1,680	1,459	1,188	1,692	1,663	1,440	1,282	1,769	1,573	−5.4
Other solid fuel <sup>9</sup>	3,885	3,560	−8.4	997	983	942	963	978	871	903	808	844	−13.7
Other coal-derived fuels <sup>1 0</sup>	477	436	−8.6	111	132	122	112	113	112	114	97	98	−13.3
Gas <sup>1 1</sup>	13,394	14,120	+5.4	4,538	2,720	2,037	4,099	4,533	3,249	2,235	4,103	5,105	+12.6
Electricity	7,359	7,521	+2.2	2,215	1,613	1,430	2,101	2,242	1,745	1,531	2,003	2,268	+1.2
Petroleum	26,193	26,741	+2.1	7,240	6,189	5,633	7,131	7,344	6,395	5,840	7,102	7,262	−1.1
Total all fuels	57,327	58,532	+2.1	16,781	13,096	11,352	16,098	16,873	13,812	11,905	15,942	17,150	+1.6

1. Per cent change on the corresponding period of the previous year. 2. Crude petroleum and natural gas liquids. 3. Excluding gas flared or reinjected. 4. Crude petroleum, process oils and petroleum products. 5. Stock fall (+) stock rise (-). 6. Supply greater than recorded demand (-). 7. Thermal equivalent of total inland energy consumption in Table 1. A more detailed analysis of the annual figures is shown in the Digest of United Kingdom Energy Statistics 1977 Tables 8 and 10. 8. Losses in conversion and distribution and used by fuel industries. 9. Coke and other manufactured solid fuels. 10. Coke oven gas, creosote/pitch mixtures and other liquid fuels derived from coal. 11. Natural gas supplied direct, and town gas. 12. Mainly public administration, commerce and agriculture.



# Coal

TABLE 3. Supply

Thousand tonnes

	Net inland supply	Production			Net imports	Imports <sup>2</sup>	Exports <sup>2</sup>	Tonnage lost (deep-mined) <sup>3</sup>	
		Total <sup>1</sup>	Deep-mined	Opencast				Recognised holidays and rest days	Disputes
1974	112,132	110,451	99,992	9,231	+1,681	3,546	1,865	10,518	16,253
1975	131,583	128,682	117,411	10,414	+2,901	5,083	2,182	12,300	352
1976	125,201	123,800	110,264	11,944	+1,401	2,837	1,436	12,345	1,157
1977 p	122,623	122,150	107,123	13,551	+473	2,414	1,941	12,457	814
Per cent change	-2.1	-1.3	-2.8	+13.5	-66.2	-14.9	+35.2	+0.9	-29.6
1977 Jan-Jun	62,084	62,215	55,568	6,147	-131	885	1,016	5,892	433
1978 Jan-Jun p	62,495	62,288	54,742	6,746	+207	1,800	973	6,194	902
Per cent change	+0.7	+0.1	-1.5	+9.7		+33.3	-4.2	+5.1	(+)
1977 Apr	9,734	9,755	8,691	964	-21	125	146	860	46
May	10,561	10,577	9,385	1,122	-16	159	175	74	91
Jun*	10,576	10,591	9,052	1,409	-15	167	182	2,297	92
Total	30,871	30,923	27,128	3,495	-52	451	503	3,231	229
1978 Apr	9,913	9,892	8,692	1,075	+21	153	132	876	198
May	9,912	9,848	8,639	1,109	+64	223	159	53	339
Jun p*	10,796	10,838	9,177	1,511	-42	116	158	2,008	133
Total	30,621	30,578	26,508	3,695	+43	492	449	3,418	670
Per cent change	-0.8	-1.1	-2.3	+5.7		+9.1	-10.7	+5.8	(+)

1. Includes an estimate for slurry, etc., recovered and disposed of otherwise than by the National Coal Board. 2. As recorded in the "Overseas Trade Statistics of the United Kingdom". 3. NCB only.

TABLE 4. Inland consumption of coal

Thousand tonnes

	Total inland consumption	Fuel producers					Final users <sup>1</sup>			
		Primary	Secondary				Colliery disposals			
		Collieries	Power stations <sup>2</sup>	Coke ovens	Gas works	Other <sup>3</sup> conversion industries	Industry <sup>4</sup>	Domestic <sup>5</sup>		Other <sup>8</sup>
								House coal <sup>6</sup>	Other <sup>7</sup>	
1974	117,887	1,256	67,025	18,461	107	3,788	11,077	11,981	1,687	2,505
1975	122,216	1,238	74,569	19,085	10	4,063	9,685	9,915	1,703	1,948
1976	123,603	1,132	77,818	19,401	8	3,405	8,970	9,450	1,374	2,045
1977 p	123,978	1,124	79,956	17,406	7	3,166	9,033	9,635	1,502	2,149
Per cent change	+0.3	-0.7	+2.7	-10.3	-12.5	-7.0	+0.7	+2.0	+9.3	+5.1
1977 Jan-Jun	65,856	610	43,202	9,255	4	1,520	4,538	4,922	683	1,122
1978 Jan-Jun p	62,094	575	41,854	7,470	3	1,527	4,424	4,396	720	1,125
Per cent change	-5.7	-5.7	-3.1	-19.3	-25.0	+0.5	-2.5	-10.7	+5.4	+0.3
1977 Apr	10,006	96	6,590	1,390	1	244	679	734	99	173
May	9,536	104	6,056	1,357	1	250	695	805	118	150
Jun*	10,198	108	6,333	1,692	-	296	714	790	121	144
Total	29,740	308	18,979	4,439	2	790	2,088	2,329	338	467
1978 Apr	9,430	92	6,361	1,142	-	224	644	691	108	168
May	9,122	85	6,032	1,136	-	242	661	698	98	170
Jun p*	9,824	98	6,283	1,446	1	294	674	755	143	130
Total	28,376	275	18,676	3,724	1	760	1,979	2,144	349	468
Per cent change	-4.6	-10.7	-1.6	-16.1	-50.0	-3.8	-5.2	-7.9	+3.3	+0.2

1. Disposals by collieries and opencast sites. 2. Public supply and railway and transport power stations. 3. Low temperature carbonisation and patent fuel plants. 4. Prior to October 1973 the figures related to actual consumption. 5. Prior to April 1973 the figures relate to merchants' disposals to the domestic market. 6. Including miners' coal. 7. Anthracite, dry steam coal and imported naturally smokeless fuels. 8. Mainly public administration and commerce.

TABLE 5. Stocks of coal<sup>1</sup> at end of period: Great Britain

Thousand tonnes

	Total	Distributed					Undistributed		
		Total distributed stocks	Power stations	Coke ovens	Gas works	Other	Total undistributed stocks	Collieries	Opencast sites and central stocking grounds
1972	30,459	19,350	17,060	1,920	51	319	11,109	7,679	3,430
1973	27,885	17,035	14,770	1,968	27	270	10,850	7,650	3,200
1974	21,806	15,827	13,629	1,851	3	344	5,979	4,009	1,970
1975	31,157	20,540	17,951	2,333	2	254	10,617	8,908	1,709
1976	33,115	22,457	19,598	2,684	2	173	10,658	9,295	1,363
1977 p	31,534	21,704	19,128	2,368	2	206	9,830	8,290	1,540
1977 Apr	27,932	18,028	15,519	2,322	2	185	9,904	8,750	1,154
May	28,738	19,114	16,534	2,375	2	203	9,624	8,400	1,224
Jun	29,210	19,783	11,340	2,262	2	179	9,427	8,005	1,422
1978 Apr	30,092	19,314	17,313	1,828	2	171	10,778	9,118	1,660
May	30,814	19,828	17,824	1,829	1	174	10,986	9,264	1,722
Jun p	31,899	20,880	18,988	1,711	1	180	11,019	9,142	1,877
Absolute change: in latest month	+1085	+1052	+1164	-118	-	+6	+33	-122	+155
On a year ago	+2689	+1097	+1648	-551	-1	+1	+1592	+1137	+455

1. Excluding distributed stocks held in merchants' yards, etc., mainly for the domestic market, and stocks held by the industrial sector.



TABLE 6. Colliery manpower and productivity at NCB mines

	Wage earners on colliery books <sup>1</sup>		Recruitment	Wastage	Absence percentage <sup>2</sup>			Average output per manshift <sup>3</sup>	
	Total	Underground			Total	Voluntary	Involuntary	Overall	At the face
	Thousands								
1972	266	210	13,255	26,114	16.6	3.9	12.7	2.21	7.33
1973	245	193	17,402	37,961	18.0	4.1	13.9	2.29	7.62
1974	246	194	26,436	25,133	16.3	4.1	12.2	2.18	7.56
1975	245	194	21,347	22,451	16.2	4.0	12.2	2.28	7.92
1976	241	192	17,061	21,239	17.4	3.7	13.7	2.23	7.75
1977 p	239	189	29,361	31,647	17.6	3.9	13.7	2.18	7.77
1977 Jan—Jun	242 <sup>(4)</sup>	193 <sup>(4)</sup>	15,476	12,796	18.0	3.8	14.2	2.25	7.95
1978 Jan—Jun p	239 <sup>(4)</sup>	190 <sup>(4)</sup>	11,863	11,529	17.7	4.2	13.5	2.28	8.59
Per cent change	−1.2	−1.6	−23.3	−9.9				+1.3	+8.1
1977 Apr	243	193	2,941	1,905	18.5	4.5	14.0	2.26	7.97
May	244	194	2,850	2,077	16.2	3.3	12.9	2.28	8.05
Jun*	244	194	2,821	3,002	16.0	3.1	12.9	2.12	7.80
1978 Apr	240	190	2,421	1,922	17.3	4.6	12.7	2.30	8.62
May	240	190	1,530	1,720	15.6	3.7	11.9	2.29	8.80
Jun p*	239	190	1,745	2,277	16.1	3.6	12.5	2.17	8.54

1. At end of period. 2. The definition was changed from 1973. 3. Excluding capital working and tip coal. 4. Average number during the period.

## Gas

TABLE 7. Sources of supply and send-out by the public gas supply system

	Natural gas supply			Other fuel used		Gas sent out		
	Total into system	Source <sup>1</sup>		Coal	Oil <sup>3</sup>	Total	Town gas	Natural <sup>4</sup> gas for direct supply
		Indigenous	Imported <sup>2</sup>					
Million therms			Thousand tonnes		Million therms			
1974	13,102	12,861	241	107	1,276	13,451	1,598	11,853
1975	13,692	13,367	325	9	588	13,822	752	13,070
1976	14,420	14,030	390	8	245	14,445	226	14,219
1977 p	15,373	14,734	639	7	166	15,323	75	15,248
Per cent change	+6.6	+5.0	+63.8	-5.3	-32.2	+6.1	-66.8	+7.2
1977 Jan-Jun	8,396	8,260	136	4	87	8,387	55	8,332
1978 Jan-Jun p	8,863	8,126	737	3	165	8,887	22	8,865
Per cent change	+5.6	-1.6	(+)	-25.3	+89.7	+6.0	-60.0	+6.4
1977 Apr	1,289	1,281	8	1	10	1,288	8	1,280
May	1,062	1,038	24	-	8	1,055	6	1,049
Jun*	1,069	1,036	33	1	7	1,064	7	1,057
Total	3,420	3,355	65	2	25	3,407	21	3,386
1978 Apr	1,443	1,312	131	-	13	1,443	3	1,440
May	1,063	975	88	1	21	1,065	4	1,061
Jun*p	960	870	90	-	21	964	3	961
Total	3,466	3,157	309	1	55	3,472	10	3,462
Per cent change	+1.3	-5.9	(+)	-24.3	(+)	+1.9	-52.4	+2.2

1. Figures differ from production and imports respectively because of stock changes and small quantities not entering the public supply system.  
 2. Includes imports from the Norwegian sector of the Frigg gasfield. 3. Mainly naphtha (LDF), liquefied petroleum gases (LPG) and refinery gases.  
 4. Includes Substitute Natural Gas (SNG).

TABLE 8. Sales of gas by the public supply system

	Total	Power stations <sup>1</sup>	Iron and steel industry	Other industries	Domestic	Other <sup>2</sup>
1972	9,787	630	437	3,215	4,509	996
1973	10,729	285	396	4,150	4,815	1,083
1974	12,668	985	395	4,635	5,384	1,269
1975	13,112	858	371	4,645	5,891	1,347
1976	13,997	662	438	5,182	6,194	1,521
1977	14,579	519	485	5,398	6,590	1,587
Per cent change	+4.2	-21.6	+10.7	+4.2	+6.4	+4.3
1976 1st quarter	4,765	240	108	1,443	2,403	571
2nd quarter	2,865	160	112	1,221	1,055	317
3rd quarter	2,149	129	99	1,066	686	169
4th quarter	4,218	133	119	1,452	2,050	464
1977 1st quarter	4,634	118	128	1,414	2,413	561
2nd quarter	3,317	82	125	1,359	1,371	380
3rd quarter	2,372	153	113	1,155	771	180
4th quarter	4,256	166	119	1,470	2,035	466
1978 1st quarter	5,257	165	118	1,523	2,808	643
Per cent change	+13.4	+39.8	-7.8	+7.7	+16.4	+14.6

1. Public supply and transport power stations. 2. Public administration and commerce.



# Electricity

TABLE 9. Fuel used and electricity generated by the public supply system

	Fuel used						Electricity generated			Own <sup>5</sup> use	Electricity supplied	Total <sup>6</sup> electricity available
	Total <sup>1</sup>	Coal <sup>2</sup>	Oil <sup>2,3</sup>	Natural gas	Nuclear electricity	Hydro electricity	Total <sup>4</sup>	By steam plant				
								Nuclear	Other			
United Kingdom												
1974	112.26	67.03	28.97	3.92	10.44	1.84	250.47	29.40	215.70	18.07	232.40	236.68
1975	110.72	74.57	21.48	3.42	9.44	1.67	251.26	26.52	219.69	18.02	233.24	237.30
1976	110.51	77.82	17.05	2.55	11.40	1.64	254.92	32.42	217.50	19.16	235.76	239.47
1977 p	113.98	79.56	17.98	1.76	12.88	1.73	262.04	36.42	220.06	19.56	242.48	246.02
Per cent change	+3.1	+2.2	+5.5	−31.0	+13.0	+5.5	+2.8	+12.3	+1.2	+2.1	+2.9	+2.7
1977 Jan — May	51.06	36.45	7.65	0.48	5.66	0.80	118.01	15.95	99.62	8.61	109.40	110.79
1978 Jan — May p	51.68	35.53	9.19	0.57	5.54	0.81	119.85	15.50	101.98	8.43	111.42	113.11
Per cent change	+1.2	−2.5	+20.1	+18.8	−2.1	+1.3	+1.6	−2.8	+2.4	−2.1	+1.8	+2.1
1977 Mar*	12.13	8.39	1.86	0.13	1.51	0.24	28.33	4.24	23.40	2.09	26.24	26.58
Apr	8.92	6.43	1.30	—	1.04	0.15	20.59	2.92	17.24	1.49	19.10	19.38
May	8.07	5.79	1.12	0.09	0.93	0.14	18.69	2.59	15.71	1.38	17.31	17.53
Total	29.12	20.61	4.28	0.22	3.48	0.53	67.61	9.75	56.35	4.96	62.65	63.49
1978 Mar*	11.99	8.06	2.06	0.18	1.43	0.25	28.02	4.01	23.35	1.98	26.04	26.46
Apr	9.41	6.43	1.84	—	0.98	0.15	21.77	2.74	18.55	1.54	20.23	20.55
May p	8.11	5.78	1.48	—	0.75	0.09	18.76	2.11	16.34	1.33	17.43	17.68
Total	29.51	20.27	5.38	0.18	3.16	0.49	68.55	8.86	58.24	4.85	63.70	64.69
Per cent change	+1.3	−1.6	+25.7	−18.2	−9.2	−7.5	+1.4	−9.1	+3.4	−2.2	+1.7	+1.9
England and Wales												
1974	97.63	59.57	24.39	3.92	9.58	0.12	218.85	26.93	190.43	15.89	202.96	205.55
1975	96.14	65.71	18.24	3.42	8.53	0.09	219.25	23.94	194.33	15.32	203.93	206.39
1976	95.80	69.06	14.06	2.55	10.00	0.08	222.12	28.30	193.11	15.94	206.18	207.62
1977 p	89.34	70.59	14.93	1.76	10.88	0.11	226.99	30.71	195.10	16.26	210.73	213.19
Per cent change	+2.7	+2.2	+6.2	−31.0	+8.8	+37.5	+2.2	+8.5	+1.0	+2.0	+2.2	+2.7
1977 Jan — May	44.04	32.39	6.30	0.48	4.80	0.05	102.20	13.49	88.23	7.19	95.01	95.76
1978 Jan — May p	44.52	31.39	7.60	0.57	4.86	0.05	103.75	13.58	89.75	7.11	96.64	97.96
Per cent change	+1.1	−3.1	+20.6	+18.8	+1.3	−3.7	+1.5	+0.7	+1.7	−1.1	+1.7	+2.3
1977 Mar*	10.44	7.51	1.52	0.13	1.26	0.01	24.47	3.55	20.81	1.74	22.73	22.93
Apr	7.67	5.70	1.05	—	0.91	0.01	17.82	2.55	15.19	1.28	16.54	16.78
May	7.00	5.26	0.93	0.09	0.72	—	16.30	2.01	14.22	1.15	15.15	15.25
Total	25.11	18.47	3.50	0.22	2.89	0.02	58.59	8.11	50.22	4.17	54.42	54.96
1978 Mar*	10.31	7.13	1.71	0.18	1.26	0.01	24.27	3.53	20.65	1.68	22.59	22.87
Apr	8.12	5.62	1.60	—	0.88	0.01	18.89	2.46	16.34	1.29	17.60	17.84
May p	7.01	5.14	1.19	—	0.66	0.01	16.29	1.85	14.36	1.13	15.16	15.33
Total	25.44	17.89	4.50	0.18	2.80	0.03	59.45	7.84	51.35	4.10	55.35	56.04
Per cent change	+1.3	−3.1	+28.6	−18.2	−3.1	+12.0	+1.5	−3.3	+2.3	−1.7	+1.7	+2.0

1. Including coke. 2. Including quantities used in the production of steam for sale. 3. Including oil used in gas turbine and diesel plant and for lighting up coal fired boilers. 4. Including generation by gas turbine, diesel and hydro-electric plant. 5. Used in works and for pumping at pumped storage stations. 6. Includes net imports and purchases from outside sources mainly UKAEA and British Nuclear Fuels Ltd. The England and Wales figures include net exchanges with Scotland.

TABLE 10. Sales of electricity by the public supply system

GWh

	Total	Iron and steel industry	Other industries	Domestic	Other <sup>1</sup>
1972	210,417	10,774	68,967	86,889	43,787
1973	225,267	11,646	75,327	91,299	46,995
1974	218,552	11,292	70,967	92,626	43,667
1975	217,924	11,164	70,854	89,214	46,692
1976	220,841	12,607	74,986	85,117	48,131
1977	225,655	12,310 <sup>2</sup>	76,561 <sup>2</sup>	85,902	50,882
Per cent change	+2.2	-2.4	+2.1	+0.9	+5.7
1976 1st quarter	66,235	3,208	19,559	29,089	14,379
2nd quarter	48,537	3,071	17,910	17,148	10,408
3rd quarter	43,112	2,875	17,314	13,584	9,339
4th quarter	62,957	3,453	20,203	25,296	14,005
1977 1st quarter	67,181	3,273	20,458	28,564	14,886
2nd quarter	52,535	3,054 <sup>2</sup>	18,993 <sup>2</sup>	18,803	11,685
3rd quarter	46,077	2,911 <sup>2</sup>	17,793 <sup>2</sup>	14,938	10,435
4th quarter	59,862	3,072 <sup>2</sup>	19,317 <sup>2</sup>	23,597	13,876
1978 1st quarter p	67,830	3,101 <sup>2</sup>	20,797 <sup>2</sup>	28,336	15,596
Per cent change	+1.0	-5.3	+1.7	-0.8	+4.8

1. Mainly commerce, public administration and agriculture. 2. Contains a small degree of estimation.



# Petroleum

TABLE 11. Production, arrivals and shipments<sup>1</sup>

Thousand tonnes

	Crude Petroleum						Petroleum Products				
	Gross <sup>2</sup> Indigenous Production	Supply				Arrivals <sup>4,5</sup>	Shipments <sup>4,5</sup>	Arrivals <sup>4</sup>	Shipments <sup>4</sup>	Net Arrivals	Bunkers <sup>6</sup>
		Total	Indigenous <sup>2</sup>	Net arrivals	Other <sup>3</sup>						
1974	410	113,478	250	+111,418	1,810	112,822	1,404	14,256	14,396	-140	4,759
1975	1,564	92,273	1,156	+89,842	1,275	91,366	1,524	12,461	13,664	-1,203	3,444
1976	12,036	98,384	11,511	+86,181	692	90,466	4,285	10,422	15,726	-5,304	3,569
1977	37,879	92,260	37,540	+54,038	682	70,697	16,659	12,716	13,928	-1,212	2,829
Per cent change	(+)	-6.2	(+)	-37.3	-1.4	-21.9	(+)	+22.0	-11.4	(-)	-20.7
1977 Jan - May	14,080	41,748	13,798	+27,811	139	31,731	3,920	5,175	5,983	-808	1,282
1978 Jan - May p	19,670	40,039	19,406	+20,252	381	29,042	8,790	5,439	4,690	+749	1,016
Per cent change	+39.7	-4.1	+40.6	-27.2	(+)	-8.5	(+)	+5.1	-21.6		-20.8
1977 Mar	3,018	8,125	2,643	+5,422	60	6,547	1,125	1,022	1,119	-97	264
Apr	2,921	7,612	2,947	+4,634	31	5,706	1,072	803	1,080	-277	246
May	3,495	8,786	3,751	+4,973	62	6,725	1,752	1,153	1,254	-101	272
Total	9,434	24,523	9,341	+15,029	153	18,978	3,949	2,978	3,453	-475	782
1978 Mar	3,683	7,342	3,863	+3,417	62	5,347	1,930	1,073	1,052	+21	185
Apr	3,985	8,417	3,876	+4,457	84	5,976	1,519	1,049	1,037	+12	202
May p	4,626	7,759	4,440	+3,240	79	5,546	2,306	1,067	1,055	+12	232
Total	12,294	23,518	12,179	+11,114	225	16,869	5,755	3,189	3,144	+45	619
Per cent change	+30.3	-4.1	+30.4	-26.1	+47.2	-11.1	+45.7	+7.1	-8.9		-20.6

1. Calendar months. 2. Including natural gas liquids (condensates). 3. Mainly recycled products. 4. Foreign trade as recorded by the Petroleum Industry and may differ from figures published in Overseas Trade Statistics. 5. Including process (partly refined) oils. 6. International bunkers.

TABLE 12. Refinery throughput and output of petroleum products<sup>1</sup>

Thousand tonnes

	Through- put of crude and process oils	Refinery use		Total output of petrol- eum pro- ducts <sup>2</sup>	Gases		Naphtha (LDF)	Motor spirit	Kerosene		Gas/ diesel oil	Fuel oil	Lubri- cating oils	Bitumen
		Fuel	Losses		Butane and propane	Other petro- leum			Aviation turbine fuel	Burning oil <sup>3</sup>				
1974	111,217	6,946	1,211	103,060	1,602	272	6,448	14,520	4,475	2,564	27,641	40,022	1,455	2,129
1975	93,579	6,031	901	86,647	1,447	151	3,968	13,940	3,959	2,299	23,324	32,711	1,141	2,099
1976	97,784	6,342	1,158	90,284	1,575	158	4,583	15,232	4,163	2,458	24,198	32,695	1,310	1,897
1977	93,615	6,238	1,039	86,338	1,539	142	4,488	14,805	4,004	2,462	23,476	30,481	1,380	1,882
Per cent change	-4.3	-1.6	-10.3	-4.4	-2.3	-10.1	-2.1	-2.8	-3.8	+0.2	-3.0	-6.8	+5.3	-0.8
1977 Jan - May	40,367	2,535	477	37,355	641	60	1,882	6,038	1,522	1,139	10,219	13,833	544	725
1978 Jan - May p	40,077	2,693	400	36,984	699	62	2,002	6,253	1,813	1,291	10,124	12,896	449	736
Per cent change	-0.7	+6.3	-16.2	-1.0	+9.0	+2.6	+6.4	+3.6	+19.1	+13.4	-0.9	-6.8	-17.5	+1.5
1977 Mar	8,410	515	80	7,815	148	12	363	1,313	274	215	2,169	2,892	105	182
Apr	8,066	497	115	7,454	130	16	352	1,266	346	201	2,044	2,676	99	156
May	7,766	518	98	7,150	110	10	366	1,231	380	164	2,003	2,478	106	169
Total	24,242	1,530	293	22,419	388	38	1,081	3,810	1,000	580	6,216	8,046	310	507
1978 Mar	8,558	567	57	7,934	145	12	462	1,268	369	293	2,232	2,744	106	183
Apr	7,955	510	105	7,340	131	14	393	1,236	356	219	1,998	2,598	91	144
May p	7,646	528	45	7,073	150	14	356	1,314	392	177	1,917	2,305	99	195
Total	24,159	1,605	207	22,347	426	40	1,211	3,818	1,117	689	6,147	7,647	296	522
Per cent change	-0.3	+4.9	-29.4	-0.3	+9.8	+0.7	+12.0	+0.2	+11.7	+18.6	-1.1	-4.9	-4.3	+3.1

1. Calendar months. 2. Including output of products not shown separately, namely, aviation spirit, wide-cut gasoline, industrial and white spirits, paraffin wax and miscellaneous products. 3. Including vaporising oil.

TABLE 13. Deliveries of petroleum products for inland consumption<sup>1</sup>

Thousand tonnes

	Total <sup>2,3</sup>	Butane <sup>4</sup> and propane	Naphtha (LDF) <sup>5</sup>	Motor spirit	Kerosene				Gas/diesel oil		Fuel oil	Lubri- cating oils	Bitumen
					Aviation turbine fuel	Burning oil							
						Premier	Standard						
							Domestic	Other <sup>6</sup>	Derv fuel	Other			
1974	92,342	1,414	7,700	16,484	3,690	603	1,770	436	5,518	13,581	36,810	1,045	2,241
1975	81,667	1,275	5,116	16,125	3,834	538	1,707	400	5,414	13,050	30,470	992	2,089
1976	80,291	1,330	5,404	16,879	3,989	576	1,686	372	5,594	12,984	27,825	1,011	1,867
1977	81,918	1,320	5,179	17,336	4,165	559	1,677	391	5,711	13,914	27,772	1,029	1,847
Per cent change	+2.0	-0.8	-4.2	+2.7	+4.4	-3.0	-0.5	-5.3	+2.1	+7.2	-0.2	+1.8	-1.1
1977 Jan - May	35,998	607	2,282	6,761	1,570	322	870	182	2,360	6,791	12,651	435	723
1978 Jan - May p	37,068	613	2,207	7,163	1,633	327	849	210	2,365	6,833	13,092	421	706
Per cent change	+3.0	+1.1	-3.3	+5.9	+4.0	+1.4	-2.4	+15.4	+0.2	+0.6	+3.5	-3.2	-2.5
1977 Mar	7,722	130	479	1,462	325	63	195	40	531	1,496	2,624	95	186
Apr	6,866	114	429	1,419	274	55	175	35	474	1,287	2,286	81	139
May	6,565	107	467	1,417	399	27	107	29	483	1,025	2,161	95	177
Total	21,153	351	1,375	4,298	998	145	477	104	1,488	3,808	7,071	271	502
1978 Mar	7,814	132	489	1,531	356	60	184	46	483	1,430	2,708	84	170
Apr	7,359	110	436	1,487	333	51	156	39	486	1,305	2,591	80	148
May p	6,873	112	373	1,585	395	25	114	31	493	1,065	2,265	96	181
Total	22,046	354	1,298	4,603	1,084	136	454	116	1,462	3,800	7,564	260	499
Per cent change	+4.2	+1.2	-5.6	+7.1	+8.6	-6.2	-4.9	+11.3	-1.7	-0.2	+7.0	-4.0	-0.5

1. Calendar months. 2. Including other petroleum gases, aviation spirit, wide-cut gasoline, industrial and white spirits, and paraffin wax. 3. Excluding refinery fuel (and miscellaneous products prior to 1978). 4. Including very small amounts for petro-chemicals. 5. Now mainly for petro-chemical feed stock. 6. Including vaporising oil.



TABLE 14. Inland deliveries of petroleum products used for energy<sup>1,2</sup>

Thousand tonnes

	Total	Power <sup>3</sup> stations	Gas works	Iron and steel industry	Other industries	Transport <sup>4</sup>	Domestic	Other <sup>5</sup>
1974	81,547	17,240	1,339	4,019	19,695	27,930	3,378	7,946
1975	73,385	13,345	693	3,309	17,251	27,582	3,270	7,935
1976	71,473	10,441	366	3,128	17,487	28,599	3,269	8,183
1977	73,043	10,875	292	2,938	17,701	29,359	3,263	8,615
Per cent change	+2.2	+4.2	-20.1	-6.1	+1.2	+2.7	-0.2	+5.3
1977 Jan - Apr	26,436	3,791	117	1,091	7,012	9,134	1,499	3,792
1978 Jan - Apr p	27,099	4,357	122	1,058	6,972	9,398	1,485	3,707
Per cent change	+2.5	+15.0	+4.3	-3.1	-0.6	+2.9	-0.9	-2.3
1977 Feb	6,428	922	34	271	1,739	2,163	370	929
Mar	6,889	898	32	285	1,807	2,531	370	966
Apr	6,132	777	19	234	1,575	2,347	329	851
Total	19,449	2,597	85	790	5,121	7,041	1,069	2,746
1978 Feb	6,558	1,116	35	264	1,738	2,050	413	942
Mar	6,946	1,038	28	290	1,746	2,553	357	934
Apr p	6,579	1,108	25	243	1,584	2,476	303	840
Total	20,083	3,262	88	797	5,068	7,079	1,073	2,716
Per cent change	+3.3	+25.6	+3.4	+0.9	-1.0	+0.5	+0.4	-1.1

1. Calendar months. 2. Excludes non-energy products and non-energy use of naphtha (LDF). 3. Public supply, railway and transport power stations.  
4. Including fishing, coastal and inland shipping. 5. Mainly public administration, commerce and agriculture.

TABLE 15. Stocks of petroleum at end of month

	Held by oil companies <sup>1</sup>		Power stations <sup>2</sup>
	Million tonnes	Estimated days' supply <sup>3</sup>	Million tonnes
1977 Apr	18.8	93	0.75
May	19.8	101	0.77
Jun	20.3	101	0.83
1978 Apr	18.2	87	0.99
May	17.8	86	1.01
Jun p	18.2	88	0.95

1. Stocks of petroleum products plus the product equivalent of crude and process oils held at refineries, and products in the wholesale distribution system. 2. Fuel oil held at main oil burning stations in Great Britain. 3. Latest three months calculated on forecast deliveries for the ensuing months. Figures for earlier period calculated on actual deliveries.

## APPROXIMATE CONVERSION FACTORS

(last digit rounded to nought or five)

To convert from one fuel to another, multiply by the factor shown

From \ To	Million tonnes coal equiv.	Million tonnes oil equiv.	Million therms	TWh electricity energy	TWh electricity generated
Million tonnes coal equivalent	1	1.7	0.004	0.135 <sup>1</sup>	0.500 <sup>2</sup>
Million tonnes oil equivalent	0.60	1	0.00235	0.0800 <sup>1</sup>	0.280 <sup>2</sup>
Million therms	250	425	1	34.0	115
TWh electrical energy	7.35	12.5	0.0295	1	..
TWh electricity generated	2.00 <sup>3</sup>	3.60 <sup>3</sup>	0.00880 <sup>3</sup>	..	1

1. The amount of fuel (average grade) equivalent to 1 TWh of energy.  
2. The amount of primary fuel (power station grade) to generate 1 TWh.  
3. The amount of electricity generated by one million units of fuel shown.  
The *Digest of UK Energy 1976* gives more detailed factors.

## SUPPLEMENTARY DATA

## Electricity generated outside the public electricity supply system in Great Britain (1)

GWh

		Industry												
		Total	Total industry	Iron and steel	Engineering and other metal trades	Food drink and tobacco	Coal mining	Chemical and allied trades		Textiles, leather and clothing	Paper, printing and stationery		Other industries (including gas and water works)	Transport undertakings
								Nuclear <sup>2</sup> power stations	Others <sup>3</sup>					
1972		20,727	20,034	2,587	1,320	409	323	4,098	7,408	458	2,786	645	693	
1973		22,995	22,292	2,707	2,716	458	309	4,339	7,859	498	2,763	643	703	
1974		22,588	21,939	2,180	3,139	521	251	4,222	7,904	450	2,598	674	649	
1975		20,646	19,957	1,660	3,319	435	297	3,820	7,305	406	2,137	578	689	
1976		21,881	21,191	1,706	3,362	496	269	3,736	8,398	423	2,249	552	690	
1977		21,157	20,456	1,555	3,463	516	278	3,604	7,931	355	2,168	586	701	
Per cent change		-3.3	-3.5	-8.9	+3.0	+4.0	+3.3	-3.5	-5.6	-16.1	-3.6	+6.2	+1.6	
1976	1st quarter	5,935	5,747	480	852	100	74	1,098	2,263	115	599	166	188	
	2nd quarter	5,228	5,059	409	856	78	63	834	2,019	105	567	128	169	
	3rd quarter	4,928	4,767	367	790	72	58	812	1,982	96	479	111	161	
	4th quarter	5,790	5,618	450	864	246	74	992	2,134	107	604	147	172	
1977	1st quarter	5,760	5,576	503	882	136	69	922	2,162	108	625	169	184	
	2nd quarter	5,006	4,835	351	885	78	77	802	1,877	93	533	139	171	
	3rd quarter	4,817	4,650	317	825	71	57	934	1,786	84	454	122	167	
	4th quarter	5,574	5,395	384	871	231	75	946	2,106	70	556	156	179	
1978	1st quarter p	5,786	5,600	376	937	131	58	1,087	2,151	90	605	165	186	
Per cent change		+0.5	+0.4	-25.2	+6.2	-3.7	-15.9	+17.9	-0.5	-16.7	-3.2	-2.4	+1.1	

1. Excludes electricity generated by commerce, public administration, etc. 2. Generated by UKAEA and British Nuclear Fuels Ltd. for the public electricity supply system. 3. Including production by the oil refining industry.