

# Consumption slightly lower in 1st half 1978

### Total energy

#### Petroleum use higher

Total inland energy consumption on a primary fuel input basis during the first half of 1978 was just under 178 million tonnes coal equivalent, marginally less than in the comparable period of last year. Of the individual primary fuels, coal consumption declined by 5.7 per cent but was compensated by increases in petroleum and natural gas of 2.7 and 4.8 per cent respectively.

The seasonally adjusted and temperature corrected series indicates however, that total energy consumption in the first half of the year was 0.6 per cent below last year's level with the petroleum and natural gas increases rather smaller than in the unadjusted statistics.

### Coal

#### Recent increase in power station use

Deep-mined coal output during the three months May to July was 1.9 per cent lower than in the corresponding period of last year. Open-cast output rose by 4.1 per cent, the additional contribution from this source resulting in a total production level of within 0.9 per cent of last year.

Total inland coal consumption during the period fell by 2.9 per cent. Power station consumption rose by 1.2 per cent, but consumption at coke ovens continued at a depressed level and was lower by over 15 per cent. Colliery disposals to the two principal final consumer sectors also declined, industrial consumers taking 7.8 per cent less than a year ago while disposals of housecoal for the domestic market fell by eight per cent.

Total coal stocks continue to rise more sharply than last year and at the end of July were three million tonnes higher than a year ago.

### Gas

#### Cutback in indigenous supplies

Natural gas supplied into the public supply system in the three month period May to July was 1.5 per cent less in total than in the corresponding period last year. Supplies from the UK sector of the North Sea, down by 6.9 per cent, were however, augmented by imported gas from the Norwegian sector of the Frigg gasfield.

Gas sent out in the period was 0.9 per cent lower than a year ago but this, to some extent, is a reflection of the high level of demand in the very cold June of last year.

### Electricity

#### Modest increase in electricity supplied

Total electricity supplied in the UK during the first half of 1978 was 1.7 per cent higher than in the comparable period of 1977. More recently, in the April to June quarter, electricity supplied increased by 2.7 per cent over last year and although the greater part of the increase was confined to the first month of the quarter, last year's level was exceeded in each month of the period.

### Petroleum

#### Crude output up nearly 40 per cent

Gross indigenous production of crude oil during the first six months of 1978 was 24.2 million tonnes, an increase of nearly 40 per cent on the first half of last year. Net arrivals of overseas crude oil during the period fell by nearly one quarter.

Total deliveries of petroleum products in the first half of 1978 rose by 1.3 million tonnes, to 43.3 million tonnes, 3.1 per cent higher than in the comparable period of last year. Motor spirit and fuel oil with increases of 6.6 and 2.9 per cent respectively accounted for the bulk of the increase. Deliveries of these products increased more sharply in the second quarter with motor spirit 8.7 per cent and fuel oil six per cent higher than a year ago and these, with an 8.6 per cent rise in aviation turbine fuel were the main constituents of the 5.4 per cent increase in overall deliveries of products.

### Supplementary data

#### Value of fuel imports and exports

The total cif value of imports of crude and process oils during the second quarter of the year was £807 million compared with £1,100 million in the second quarter of 1977, a reduction of nearly 27 per cent. Refined product imports during the same period, valued at £225 million, were lower by nearly £40 million, a drop of over 14 per cent.

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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.

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 energy

TABLE 1. Inland energy consumption: primary fuel input basis

	Total	Coal <sup>1</sup>	Petroleum <sup>2</sup>	Natural <sup>3</sup> gas	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–Jun	178.2	65.9	69.8	34.1	7.4	1.0
1978 Jan–Jun p	177.8	62.1	71.7	35.7	7.2	1.1
Per cent change	–0.2	–5.7	+2.7	+4.8	–1.8	+2.8
1977 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
Jun*	27.7	10.2	11.7	4.5	1.2	0.1
Total	80.0	29.7	32.3	14.1	3.4	0.5
1978 Apr	27.9	9.4	11.4	5.8	1.1	0.2
May	24.5	9.1	10.3	4.2	0.8	0.1
Jun p	27.1	9.8	11.9	4.2	1.1	0.1
Total	79.5	28.3	33.6	14.2	3.0	0.4
Per cent change	–0.4	–4.6	+4.2	+0.5	–9.2	–8.3
<i>Seasonally adjusted and temperature corrected<sup>4</sup> (annual rates)</i>						
1977 Jan–Jun	338.8	125.1	135.8	61.7	14.2	2.0
1978 Jan–Jun p	336.7	117.9	139.0	63.8	14.0	2.0
Per cent change	–0.6	–5.8	+2.3	+3.5	–1.9	+0.3
1977 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
Jun*	336.1	118.7	138.2	62.1	15.2	1.9
Average	339.5	122.8	137.7	62.1	14.5	2.4
1978 Apr	342.0	118.9	140.9	66.7	13.0	2.5
May	345.5	119.9	149.5	61.6	12.2	2.3
Jun* p	337.6	117.9	141.2	62.2	14.4	1.9
Average	341.4	118.8	143.7	63.4	13.3	2.2
Per cent change	+0.5	–3.3	+4.4	+2.0	–8.8	–8.0

Total	Coal <sup>1</sup>	Petroleum <sup>2</sup>	Natural <sup>3</sup> gas	Nuclear electricity	Hydro- electricity
Million tonnes of oil or oil equivalent					
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
104.8	38.7	41.1	20.0	4.4	0.6
104.6	36.5	42.2	21.0	4.3	0.6
−0.2	−5.7	+2.7	+4.8	−1.8	+2.8
16.1	5.9	6.3	3.1	0.7	0.1
14.6	5.6	5.8	2.5	0.6	0.1
16.4	6.0	6.9	2.7	0.7	0.1
47.1	17.5	19.0	8.3	2.0	0.3
16.4	5.6	6.7	3.4	0.6	0.1
14.5	5.3	6.1	2.5	0.5	0.1
15.9	5.8	7.0	2.4	0.6	0.1
46.8	16.7	19.8	8.3	1.7	0.3
−0.4	−4.6	+4.2	+0.5	−9.2	−8.3
199.3	73.6	79.9	36.3	8.3	1.2
198.1	69.3	81.8	37.6	8.2	1.2
−0.6	−5.8	+2.3	+3.5	−1.9	+0.3
199.0	73.9	79.2	36.4	8.1	1.4
203.2	73.7	82.5	36.7	8.5	1.8
197.7	69.8	81.3	36.5	9.0	1.1
199.8	72.3	81.0	36.5	8.6	1.4
201.1	69.9	82.9	39.2	7.6	1.5
203.2	70.5	88.0	36.2	7.1	1.4
198.6	69.3	83.1	36.6	8.5	1.1
200.8	69.9	84.5	37.3	7.8	1.3
+0.5	−3.3	+4.4	+2.0	−8.8	−8.0

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

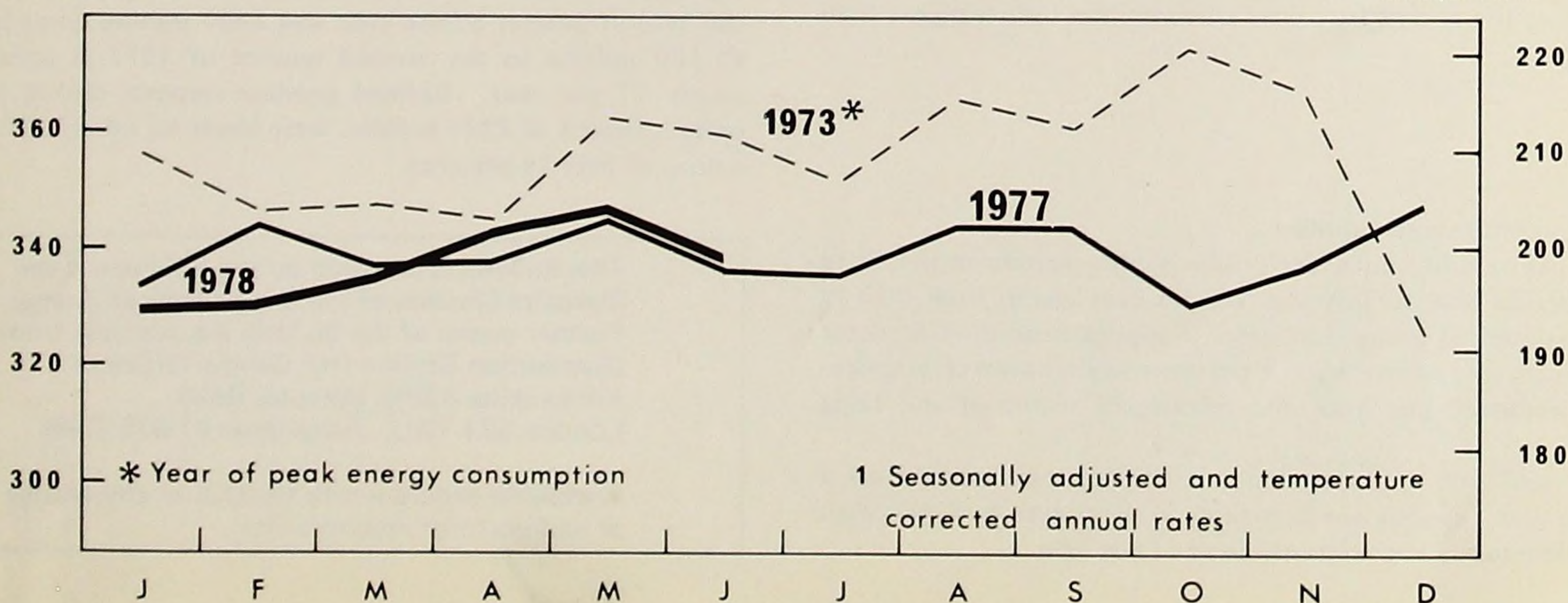




TABLE 2. Supply and use of fuels

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>10</sup>	401	362	−9.7	98	109	97	97	94	89	95	84	81	−13.8
Gas <sup>11</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>10</sup>	76	74	−2.6	13	23	25	15	19	23	19	13	17	−10.5
Gas <sup>11</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>11</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>12</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>11</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>10</sup>	477	436	−8.6	111	132	122	112	113	112	114	97	98	−13.3
Gas <sup>11</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 1978 Tables 9 and 11. 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-Jul	70,976	71,011	62,995	7,316	-35	1,179	1,214	7,484	486
1978 Jan-Jul p	71,673	71,286	62,299	7,977	+387	1,528	1,141	7,692	1,021
Per cent change	+1.0	+0.4	-1.1	+9.0		+29.6	-6.0	+2.8	(+)
1977 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
Jul	8,892	8,796	7,427	1,169	+96	294	198	1,593	53
Total	30,029	29,964	25,864	3,700	+65	620	555	3,964	236
1978 May	9,912	9,848	8,639	1,109	+64	223	159	534	339
Jun*	10,796	10,838	9,177	1,511	-42	116	158	2,008	133
Jul p	9,178	8,999	7,558	1,231	+179	347	168	1,498	120
Total	29,886	29,685	25,374	3,851	+201	686	485	4,040	592
Per cent change	-0.5	-0.9	-1.9	+4.1	(+)	+10.6	-12.6	+1.9	(+)

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-Jul	73,909	688	48,094	10,615	5	1,753	5,152	5,588	812	1,202
1978 Jan-Jul p	70,147	652	47,022	8,629	4	1,762	4,954	5,025	859	1,240
Per cent change	-5.1	-5.2	-2.2	-18.7	-20.0	+0.5	-3.8	-10.1	+5.8	+3.2
1977 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
Jul	8,053	78	4,892	1,360	-	233	614	667	129	80
Total	27,787	290	17,281	4,409	1	779	2,023	2,262	368	374
1978 May	9,117	85	6,032	1,136	-	237	661	698	98	170
Jun*	9,829	97	6,283	1,446	1	300	674	755	143	130
Jul p	8,045	78	5,167	1,159	-	235	530	629	139	108
Total	26,991	260	17,482	3,741	1	772	1,865	2,082	380	408
Per cent change	-2.9	-10.3	+1.2	+15.2	-	-0.9	-7.8	-8.0	+3.3	+9.1

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 May	28,738	19,114	16,534	2,375	2	203	9,624	8,400	1,224
Jun	29,210	19,783	17,340	2,262	2	179	9,427	8,005	1,422
Jul	29,882	20,772	18,334	2,258	1	179	9,110	7,600	1,510
1978 May	30,814	19,828	17,824	1,829	1	174	10,986	9,264	1,722
Jun	31,909	20,890	18,988	1,711	2	189	11,019	9,142	1,877
Jul p	32,908	21,854	19,785	1,888	1	180	11,054	9,084	1,970
Absolute change: in latest month	+999	+964	+797	+177	-1	-9	+35	-58	+93
On a year ago	+3,026	+1,082	+1,451	-370	-	+1	+1,944	+1,484	+460

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—Jul	242 <sup>(4)</sup>	193 <sup>(4)</sup>	17,616	14,695	17.8	3.8	14.0	2.22	7.88	
1978 Jan—Jul p	239 <sup>(4)</sup>	190 <sup>(4)</sup>	13,137	13,797	17.5	4.2	13.3	2.26	8.54	
Per cent change	-1.2	-1.6	-25.4	-6.1				+1.8	+8.4	
1977 May	244	193	2,850	2,077	16.2	3.3	12.9	2.26	8.05	
Jun*	244	194	2,821	3,002	16.0	3.1	12.9	2.12	7.80	
Jul	244	194	2,140	1,899	16.7	3.4	13.3	2.05	7.42	
1978 May	240	190	1,530	1,720	15.6	3.7	11.9	2.29	8.80	
Jun*	239	190	1,745	2,277	16.1	3.6	12.5	2.17	8.54	
Jul p	238	189	1,274	2,268	15.9	3.7	12.2	2.12	8.20	

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-Jul	9,096	8,934	162	5	92	9,080	57	9,023
1978 Jan-Jul p	9,629	8,839	790	4	182	9,645	24	9,621
Per cent change	+5.9	-1.1	(+)	-21.6	(+)	+6.2	-57.9	+6.6
1977 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
Jul	701	675	26	-	5	693	2	691
Total	2,832	2,749	83	1	20	2,812	15	2,797
1978 May	1,063	975	88	1	21	1,065	4	1,061
Jun*	960	870	90	-	21	964	3	961
Jul p	767	713	54	-	18	758	2	756
Total	2,790	2,558	232	1	60	2,787	9	2,778
Per cent change	-1.5	-6.9	(+)	-1.5	(+)	-0.9	-40.0	-0.7

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

million therms

	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 p	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			
Million tonnes of coal or coal equivalent						TWh						
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 – Jun	59.99	42.70	9.01	0.64	6.73	0.89	138.65	18.96	116.91	10.24	128.41	130.10
1978 Jan – Jun p	60.59	41.83	10.69	0.58	6.56	0.88	140.60	18.38	119.57	9.96	130.64	132.61
Per cent change	+1.0	−2.0	+18.6	−9.4	−2.5	−1.1	+1.4	−3.1	+2.3	−2.7	+1.7	+1.9
1977 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
Jun*	8.93	6.26	1.35	0.16	1.07	0.09	20.64	3.01	17.29	1.63	19.01	19.31
Total	25.92	18.48	3.77	0.25	3.04	0.38	59.92	8.52	50.24	4.50	55.42	56.22
1978 Apr	9.41	6.43	1.84	—	0.98	0.15	21.77	2.74	18.55	1.53	20.24	20.55
May	8.11	5.78	1.48	—	0.75	0.09	18.76	2.11	16.34	1.33	17.43	17.68
Jun* p	8.91	6.29	1.50	0.02	1.02	0.07	20.75	2.88	17.59	1.53	19.22	19.50
Total	26.43	18.50	4.82	0.02	2.75	0.31	61.28	7.73	52.48	4.39	56.89	57.73
Per cent change	+2.0	+0.1	+27.9	(—)	−9.5	−18.4	+2.3	−9.3	+4.5	−2.4	+2.7	+2.7
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	98.34	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 – Jun	51.82	38.05	7.44	0.64	5.61	0.06	120.19	15.77	103.88	8.51	111.68	112.61
1978 Jan – Jun p	52.27	37.03	8.88	0.58	5.67	0.06	121.81	15.87	105.47	8.38	113.43	114.95
Per cent change	+0.9	−2.7	+19.4	−9.4	+1.1	−5.2	+1.3	+0.6	+1.5	−1.5	+1.6	+2.1
1977 Apr	7.67	5.70	1.05	—	0.91	0.01	17.82	2.55	15.19	1.28	16.54	16.78
May	7.01	5.26	0.93	0.09	0.72	0.01	16.30	2.01	14.22	1.15	15.15	15.25
Jun*	7.78	5.66	1.15	0.16	0.81	—	17.99	2.28	15.65	1.31	16.68	16.85
Total	22.46	16.62	3.13	0.25	2.44	0.02	52.11	6.84	45.06	3.74	48.37	48.88
1978 Apr	8.12	5.62	1.60	—	0.88	0.01	18.89	2.45	16.34	1.29	17.60	17.84
May	7.01	5.14	1.19	—	0.66	0.01	16.29	1.85	14.36	1.13	15.16	15.33
Jun* p	7.76	5.64	1.28	0.02	0.81	—	18.06	2.29	15.72	1.27	16.79	16.99
Total	22.89	16.40	4.07	0.02	2.35	0.02	53.24	6.59	46.42	3.69	49.55	50.16
Per cent change	+1.9	−1.3	+30.0	(—)	−3.7	—	+2.2	−3.7	+3.0	−1.3	+2.4	+2.6

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>
<b>1972</b>	210,417	10,774	68,967	86,889	43,787
<b>1973</b>	225,267	11,646	75,327	91,299	46,995
<b>1974</b>	218,552	11,292	70,967	92,626	43,667
<b>1975</b>	217,924	11,164	70,854	89,214	46,692
<b>1976</b>	220,841	12,607	74,986	85,117	48,131
<b>1977</b>	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
<b>1976 1st quarter</b>	66,235	3,208	19,559	29,089	14,379
<b>2nd quarter</b>	48,537	3,071	17,910	17,148	10,408
<b>3rd quarter</b>	43,112	2,875	17,314	13,584	9,339
<b>4th quarter</b>	62,957	3,453	20,203	25,296	14,005
<b>1977 1st quarter</b>	67,181	3,273	20,458	28,564	14,886
<b>2nd quarter</b>	52,535	3,054 <sup>2</sup>	18,993 <sup>2</sup>	18,803	11,685
<b>3rd quarter</b>	46,077	2,911 <sup>2</sup>	17,793 <sup>2</sup>	14,938	10,435
<b>4th quarter</b>	59,862	3,072 <sup>2</sup>	19,317 <sup>2</sup>	23,597	13,876
<b>1978 1st quarter p</b>	67,830	3,369 <sup>2</sup>	20,529 <sup>2</sup>	28,336	15,596
Per cent change	+1.0	+2.9	+0.3	-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-Jun	17,417	47,697	17,244	+30,245	208	37,705	7,460	6,082	7,119	-1,037	1,514
1978 Jan-Jun p	24,163	47,440	24,009	+22,985	446	33,943	10,958	6,202	5,627	+575	1,250
Per cent change	+38.7	-10.0	+39.2	-24.0	(+)	-10.0	+46.9	+2.0	-21.0		-17.4
1977 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
Jun	3,337	7,700	3,445	+4,186	69	5,974	1,788	907	1,136	-229	232
Total	9,753	24,098	10,143	+13,793	162	18,405	4,612	2,863	3,470	-607	750
1978 Apr	3,985	8,416	3,940	+4,392	84	5,976	1,584	1,049	1,037	+12	202
May	4,626	7,759	4,568	+3,112	79	5,546	2,434	1,067	1,055	+12	232
Jun p	4,494	7,401	4,298	+3,038	65	4,901	1,863	763	937	-174	235
Total	13,105	23,576	12,806	+10,542	228	16,423	5,881	2,879	3,029	-150	669
Per cent change	+34.4	-2.2	+26.3	-23.6	+40.0	-10.8	+27.5	+0.5	-12.7		-10.6

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 prod- ucts <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—Jun	47,868	3,035	590	44,243	744	68	2,284	7,224	1,939	1,261	12,141	16,128	672	908
1978 Jan—Jun p	47,126	3,170	470	43,486	804	73	2,270	7,493	2,252	1,418	11,796	15,078	566	935
Per cent change	-1.6	+4.5	-20.4	-1.7	+8.1	+8.3	-0.6	+3.7	+16.2	+12.5	-2.8	-6.5	-15.8	+3.0
1977 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
Jun	7,501	500	113	6,888	103	7	403	1,186	417	122	1,922	2,294	129	183
Total	23,333	1,515	326	21,492	343	33	1,121	3,683	1,143	487	5,969	7,448	334	508
1978 Apr	7,955	510	105	7,340	131	14	393	1,236	356	219	1,998	2,598	91	144
May	7,646	528	45	7,073	150	14	356	1,314	392	177	1,917	2,305	99	195
Jun p	7,049	477	70	6,502	105	11	268	1,240	439	127	1,672	2,182	117	199
Total	22,650	1,515	220	20,915	386	39	1,017	3,790	1,187	523	5,587	7,085	307	538
Per cent change	-2.9	+0.0	-32.5	-2.7	+12.7	+13.9	-9.2	+2.9	+4.0	+7.4	-6.4	-4.9	-7.8	+6.1

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			Derv fuel	Other			
						Premier	Standard						
							Domestic	Other <sup>6</sup>					
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—Jun	41,972	700	2,708	8,219	1,964	333	943	205	2,822	7,540	14,617	525	898
1978 Jan—Jun p	43,286	704	2,606	8,761	2,046	333	911	234	2,870	7,534	15,035	513	901
Per cent change	+3.1	+0.6	−3.8	+6.6	+4.2	−0.1	−3.3	+14.2	+1.7	−0.1	+2.9	−2.2	+0.3
1977 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
Jun	5,974	94	426	1,458	394	11	72	23	462	749	1,965	89	175
Total	19,405	315	1,322	4,294	1,067	93	354	87	1,419	3,061	6,412	265	491
1978 Apr	7,359	110	436	1,487	333	51	156	39	486	1,305	2,591	80	148
May	6,879	112	376	1,585	395	25	108	33	494	1,032	2,284	95	182
Jun p	6,212	91	397	1,598	431	6	67	23	503	734	1,924	93	195
Total	20,450	313	1,209	4,670	1,159	82	331	95	1,483	3,071	6,799	268	525
Per cent change	+5.4	−0.2	−8.6	+8.7	+8.6	−11.2	−6.5	+8.4	+4.6	+0.3	+6.0	+0.9	+6.8

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 - May	32,202	4,564	135	1,334	8,405	11,610	1,700	4,454
1978 Jan - May p	33,194	5,278	152	1,312	8,354	12,072	1,687	4,339
Per cent change	+3.1	+15.6	+12.6	-1.7	-0.6	+4.0	-0.8	-2.6
1977 Mar	6,889	898	32	285	1,807	2,531	370	966
Apr	6,132	777	19	234	1,575	2,347	329	851
May	5,766	774	18	243	1,393	2,475	201	662
Total	18,787	2,449	69	762	4,775	7,353	900	2,479
1978 Mar	6,946	1,038	28	292	1,744	2,553	357	934
Apr	6,579	1,108	25	243	1,584	2,476	303	840
May p	6,095	921	29	249	1,338	2,674	202	632
Total	19,620	3,067	82	784	4,716	7,703	862	2,406
Per cent change	+4.4	+25.2	+19.9	+2.9	-1.2	+4.7	-4.2	-2.9

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 May	19.8	101	0.77
Jun	20.3	101	0.83
Jul	20.8	98	0.88
1978 May	17.6	86	1.01
Jun	18.5	88	0.95
Jul p	18.6	82	1.01

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 electrical 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 Statistics 1978* gives more detailed factors.

## SUPPLEMENTARY DATA

Values of fuel imports and exports<sup>1</sup>

	Imports (c.i.f.)							Exports (f.o.b.)				
	Coal	Other solid fuel <sup>2</sup>	Natural gas	Petroleum		Electricity	Total	Coal	Other solid fuel <sup>2</sup>	Petroleum <sup>3</sup>	Electricity	Total
	(1)	(2)	(3)	Crude (4)	Refined <sup>3</sup> (5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1972	48.9	11.3	9.4	947.0	223.2	1.7	1,241.5	9.7	9.2	219.7	—	238.6
1973	21.3	7.9	9.4	1,336.3	348.3	0.4	1,723.6	15.2	13.8	341.0	—	370.0
1974	62.1	7.2	8.1	3,856.3	701.9	0.4	4,636.0	20.8	46.9	701.0	—	768.7
1975	105.6	7.8	13.9	3,462.9	718.6	1.1	4,309.0	36.1	54.6	722.9	0.1	813.7
1976	82.7	9.0	20.3	4,585.8	954.1	—	5,651.9	30.6	47.7	1,175.4	1.1	1,254.8
1977	78.1	11.5	43.2	4,094.1	1,001.6	—	5,228.5	43.7	45.6	1,977.4	—	2,066.7
Per cent change	-5.5	+27.9	(+)	-10.7	+5.0	—	-7.5	+42.7	-4.4	+68.2	(-)	+64.7
1976 2nd quarter	25.6	1.8	4.4	1,107.3	247.8	—	1,386.9	6.0	11.6	247.2	0.3	265.1
3rd quarter	18.7	2.7	5.2	1,143.5	230.3	—	1,400.4	8.5	11.4	324.6	0.1	344.6
4th quarter	18.7	2.2	4.5	1,238.3	231.6	—	1,495.3	9.6	12.9	380.7	0.7	403.9
1977 1st quarter	15.3	2.3	3.4	1,173.1	254.1	—	1,448.2	11.3	13.8	454.9	—	480.0
2nd quarter	14.4	3.2	3.8	1,099.4	263.9	—	1,384.7	11.3	12.1	498.2	—	521.6
3rd quarter	27.6	3.1	4.4	923.7	236.1	—	1,194.9	11.6	10.1	586.2	—	607.9
4th quarter	20.8	2.9	31.6	897.9	247.5	—	1,200.7	9.5	9.6	438.1	—	457.2
1978 1st quarter	21.5	2.1	49.9	970.1	268.0	—	1,311.6	11.7	10.3	452.2	—	474.2
2nd quarter p	16.4	1.2	35.1	806.7	225.3	—	1,084.7	11.1	13.1	501.2	—	525.4
Per cent change	+14.1	-61.1	(+)	-26.6	-14.6	—	-21.7	-1.2	+8.1	+0.6	—	+0.7

1. The figures correspond to those published in Section 3 of the "Overseas Trade Statistics".

2. Including coke, breeze, briquettes and pitch. 3. Including liquefied gases other than natural gas and petroleum products not used as fuel e.g., lubricants.