

# ENERGY TRENDS

## A Statistical Bulletin

July 1975



# Lower energy use in May

### Total energy

#### Petroleum accounts for most of the decline

Total inland energy consumption in May on a primary fuel input basis was nearly six per cent lower than in the same month a year ago (the first month in 1974 in which energy consumption had recovered to near normal levels following the three day week and other restrictions on fuel use). Seasonally adjusted and temperature corrected figures for the month measured at an annual rate show a similar drop and in each series. The fall in petroleum consumption of about 10 per cent accounts for the greater part of the decline, although coal consumption also was down by five per cent. An increase of eight per cent in consumption of natural gas offset part of the decline in the other fuels.

Provisional figures relating to energy consumption in different sectors of the economy in the first quarter of the year are shown in Table 3. They should not be compared with the first quarter of 1974 because of the restrictions on fuel use in operation at that time. But, compared with the corresponding period two years ago, the figures indicate that total consumption was about six per cent lower. The main reason for the fall has been the lower level of industrial activity. Consumption in the iron and steel industry showed the greatest decline closely followed by the "Other industries" sector. The domestic market registered higher overall consumption levels. This increase was almost wholly attributable to higher gas consumption compared with the first quarter of 1973. Gas now accounts for over 45 per cent of the domestic total, the largest share this fuel has yet achieved.

### Coal

#### Productivity and consumption down

Deep mined output in June was about a million tons lower than in June 1974, the loss of production being attributable to extra holidays. Although seasonally adjusted production registered a small rise compared with last June, the rate was the lowest since that time.

Average output per manshift in June declined to its lowest level for 10 months, and was lower than in the same month last year. A reduction in recruitment led to an overall decline in the workforce of over 900 men.

Coal consumption in June was nearly 10 per cent lower than a year ago and, with the exception of power stations, most consuming sectors registered a marked falling off in demand. Coal stocks rose at power stations by over 1.3 million tons and there was a small increase in NCB undistributed stocks.

### Gas

#### Sales buoyant

Total sales of gas in the first quarter of 1975 were more than seven per cent higher than in the corresponding period of 1974.

Domestic sales increased by nearly 18 per cent — over the corresponding period last year — as gas continued to claim a greater share of the domestic heating market. Sales to commercial and other non-industrial consumers rose by nine per cent and after allowing for the sharp decline in the use of natural gas for electricity generation, industrial consumers also took about five per cent more.

### Electricity

#### Demand slightly lower

Electricity supplied in May was about one per cent lower than in May last year. There was a 28 per cent reduction during May compared with the same month last year in the contribution from nuclear sources as a result of maintenance operations on certain power stations.

Sales of electricity in the first quarter of 1975 were nearly one per cent lower than in the first quarter of 1973 (the most recent comparable period). Of the individual consuming sectors, sales to the iron and steel industry were more than four per cent up but other industrial consumers took about six per cent less. Domestic consumers and other non-industrial (mainly commercial) consumers each increased their purchases by about one per cent.

### Petroleum

#### Deliveries well down

Total deliveries of petroleum products in May at 6.2 million tons were about 13 per cent lower than in May 1974. This lower level of demand contrasts with the upsurge in deliveries last month and adds weight to the view that April deliveries were stimulated by a cold spell in that month and that there may also have been some stockbuilding by consumers. Deliveries of DERV, other types of gas/diesel oil and motor spirit were below the trend in the year to date. Motor spirit deliveries however were the highest in any single month this year thus following the usual seasonal demand pattern.

Refinery output of finished products in May, although 20 per cent lower than May 1974, when refineries were operating at peak level, was nevertheless the highest since January.

The first indigenous crude oil from the North Sea arrived from the Argyll field in June. While it is only a small proportion of the UK petroleum requirements, it is reflected in the figures in Table 4.

This Bulletin is prepared by the Economics and Statistics Division of the Department of Energy. Further copies of the Bulletin may be obtained from:

Information Division, Department of Energy,  
Room 1260, Thames House South,  
Millbank, London SW1P 4QJ.



Figures for the latest periods and the corresponding cumulative 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 1 and 5. Monthly figures relate to four week periods except where otherwise indicated.

Percentage changes 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 specified.

## Total energy

TABLE 1. Inland energy consumption: primary fuel input basis

Million tons of coal or coal equivalent

	Total	Coal	Petroleum	Natural gas	Nuclear electricity	Hydro-electricity	Total <sup>1</sup>	Coal <sup>1</sup>	Petroleum <sup>1</sup>	Natural gas	Nuclear electricity	Hydro-electricity
1969	318.5	161.1	135.7	9.2	10.5	2.0	316.1	159.8	134.6	9.2	10.5	2.0
1970	329.6	154.4	145.6	17.6	9.4	2.6	329.3	154.2	145.5	17.6	9.4	2.6
1971	325.9	138.7	147.3	28.4	9.7	1.8	327.7	139.4	148.4	28.4	9.7	1.8
1972	331.3	120.9	157.6	40.3	10.5	2.0	330.7	120.3	157.6	40.3	10.5	2.0
1973	346.1	131.3	159.4	43.5	9.9	2.0	346.6	131.5	159.7	43.5	9.9	2.0
1974	331.0	115.9	149.0	52.1	11.9	2.1	331.4	115.7	149.6	52.1	11.9	2.1
Per cent change	–4.4	–11.7	–6.5	+19.6	+20.3	+4.4	–4.4	–12.0	–6.3	+19.6	+20.3	+4.4
	Unadjusted						Seasonally adjusted (annual rate)					
1974 Jan-May	138.2	44.3	63.6	23.9	5.4	1.0	314.4	104.3	146.9	49.4	11.6	2.2
1975 Jan-May p	143.9	53.5	58.9	25.7	4.8	1.0	326.5	125.1	135.6	53.5	10.3	2.0
Per cent change	+4.1	+20.8	–7.4	+7.2	–10.8	–4.4	+3.8	+19.9	–7.7	+8.3	–11.2	–9.1
1974 May	24.8	9.6	10.4	3.8	0.9	0.1	340.2	129.1	148.0	49.5	12.5	1.1
1975 May p	23.4	9.2	9.4	4.0	0.7	0.1	317.1	121.6	131.1	53.5	9.2	1.7
Per cent change	–5.7	–4.9	–9.4	+7.1	–27.5	+67.9	–6.8	–5.8	–11.4	+8.1	–26.4	+54.5

<sup>1</sup> Also temperature corrected.

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

Million tons  
coal equivalent

Million tons  
coal equivalent

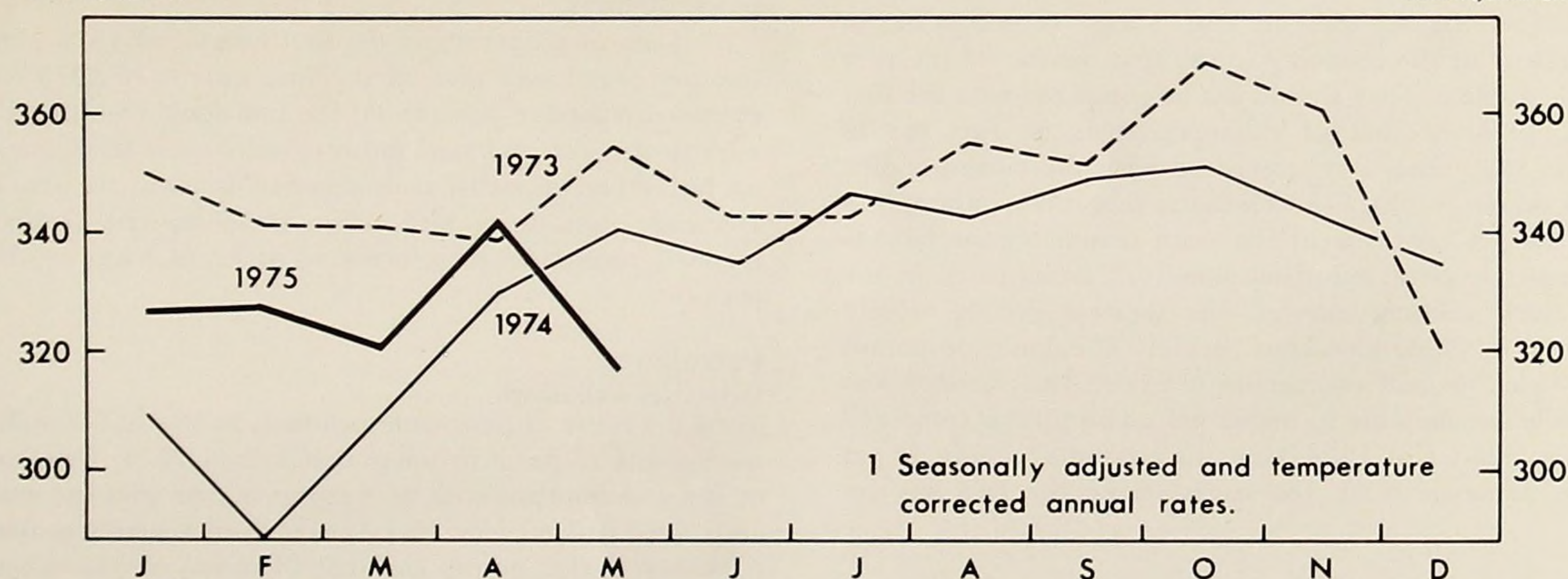


TABLE 2. Inland energy consumption: heat supplied basis

Million therms

	Total primary energy	Used by fuel industries and losses in distribution	Final consumption						
			Total	Coal	Other solid fuels	Other coal-derived fuels <sup>1</sup>	Petroleum	Gas <sup>2</sup>	Electricity
1971	82,792	25,790	57,002	9,867	4,949	542	27,617	7,270	6,757
1972	84,074	26,034	58,040	8,085	4,612	513	28,634	9,193	7,003
1973	87,850	26,847	61,003	8,064	4,743	586	29,623	10,495	7,492
1974 p	83,506	25,016	58,490	7,535	4,225	467	27,238	11,736	7,289
1973 1st quarter	25,099	7,613	17,486	2,336	1,221	147	8,310	3,257	2,215
2nd quarter	20,514	6,240	14,274	1,950	1,157	155	6,989	2,291	1,732
3rd quarter	17,960	5,558	12,402	1,645	1,134	151	6,256	1,745	1,471
4th quarter	24,277	7,436	16,841	2,133	1,231	133	8,068	3,202	2,074
1974 1st quarter p	21,850	6,333	15,517	1,494	872	92	7,307	3,751	2,001
2nd quarter p	19,741	5,805	13,936	2,052	1,119	129	6,424	2,536	1,676
3rd quarter p	17,911	5,382	12,529	1,840	1,134	119	5,938	1,995	1,503
4th quarter p	24,004	7,496	16,508	2,149	1,100	127	7,569	3,454	2,109
1975 1st quarter p	23,286	6,873	16,413	1,862	1,106	138	6,916	4,182	2,209

1 Coke oven gas, creosote/pitch mixtures and other liquid fuels derived from coal. 2 Town gas and natural gas supplied direct.



TABLE 3. Energy consumption by final users: heat supplied basis

Million therms

	1973	1974 p	1973				1974				1975
			1st quarter	2nd quarter	3rd quarter	4th quarter	1st quarter p	2nd quarter p	3rd quarter p	4th quarter p	1st quarter p
<b>Iron and steel industry</b>											
Coal	100	99	31	18	15	36	23	34	16	26	25
Other solid fuel	3,081	2,682	810	755	753	763	558	705	738	681	722
Other coal-derived fuels <sup>1</sup>	523	387	133	136	133	121	81	105	98	103	116
Gas <sup>2</sup>	396	395	104	98	87	107	110	102	86	97	98
Electricity	362	345	92	92	86	92	81	87	84	93	94
Petroleum	2,066	1,646	586	505	434	541	484	366	346	450	450
<b>Total</b>	<b>6,528</b>	<b>5,554</b>	<b>1,756</b>	<b>1,604</b>	<b>1,508</b>	<b>1,660</b>	<b>1,337</b>	<b>1,399</b>	<b>1,368</b>	<b>1,450</b>	<b>1,505</b>
<b>Other industries</b>											
Coal	3,056	2,796	833	718	635	870	514	802	734	746	684
Other solid fuel	245	176	63	64	49	69	40	51	41	44	51
Other coal-derived fuels <sup>1</sup>	63	80	14	19	18	12	11	24	21	24	22
Gas <sup>2</sup>	4,201	4,692	1,056	1,009	944	1,192	1,230	1,148	1,041	1,273	1,284
Electricity	2,365	2,251	622	587	551	605	504	574	553	620	589
Petroleum	9,324	8,474	2,813	2,091	1,714	2,706	2,472	1,943	1,620	2,439	2,141
<b>Total</b>	<b>19,254</b>	<b>18,469</b>	<b>5,401</b>	<b>4,488</b>	<b>3,911</b>	<b>5,454</b>	<b>4,771</b>	<b>4,542</b>	<b>4,010</b>	<b>5,146</b>	<b>4,771</b>
<b>Domestic sector</b>											
Coal	4,194	3,946	1,248	1,057	891	998	761	1,069	960	1,156	1,010
Other solid fuel	1,134	1,105	276	275	263	320	213	295	291	306	269
Gas <sup>2</sup>	4,815	5,380	1,740	953	561	1,561	1,978	1,010	695	1,697	2,328
Electricity	3,114	3,151	1,024	687	508	895	1,031	669	536	915	1,038
Petroleum	1,668	1,482	612	320	182	554	514	279	188	501	473
<b>Total</b>	<b>14,925</b>	<b>15,064</b>	<b>4,900</b>	<b>3,292</b>	<b>2,405</b>	<b>4,328</b>	<b>4,497</b>	<b>3,322</b>	<b>2,670</b>	<b>4,575</b>	<b>5,118</b>
<b>Transport sector</b>											
Coal	27	24	10	6	3	8	7	5	4	8	7
Other solid fuel	—	—	—	—	—	—	—	—	—	—	—
Other coal-derived fuels <sup>1</sup>	—	—	—	—	—	—	—	—	—	—	—
Electricity	89	101	23	22	22	22	24	25	25	27	27
Petroleum	12,760	12,300	2,973	3,265	3,399	3,123	2,745	3,127	3,291	3,137	2,771
<b>Total</b>	<b>12,876</b>	<b>12,425</b>	<b>3,006</b>	<b>3,293</b>	<b>3,424</b>	<b>3,153</b>	<b>2,776</b>	<b>3,157</b>	<b>3,320</b>	<b>3,172</b>	<b>2,805</b>
<b>Other final consumers</b>											
Coal	687	670	214	151	101	221	189	142	126	—	136
Other solid fuel	283	262	72	63	69	79	61	68	64	—	64
Gas <sup>2</sup>	1,083	1,269	357	231	153	342	433	276	173	—	472
Electricity	1,562	1,441	454	344	304	460	361	321	305	—	461
Petroleum	3,805	3,336	1,326	808	527	1,144	1,092	709	493	—	1,081
<b>Total</b>	<b>7,420</b>	<b>6,978</b>	<b>2,423</b>	<b>1,597</b>	<b>1,154</b>	<b>2,246</b>	<b>2,136</b>	<b>1,516</b>	<b>1,161</b>	<b>2,165</b>	<b>2,214</b>
<b>Total final consumption</b>	<b>61,003</b>	<b>58,490</b>	<b>17,486</b>	<b>14,274</b>	<b>12,402</b>	<b>16,841</b>	<b>15,517</b>	<b>13,936</b>	<b>12,529</b>	<b>16,508</b>	<b>16,413</b>

1 Coke oven gas, creosote/pitch mixtures and other liquid fuels derived from coal. 2 Town gas and natural gas supplied direct.

TABLE 4. Production and net arrivals of principal fuels

	Production of principal fuels									Net arrivals <sup>1</sup>			
	Primary fuels					Secondary fuels				Coal	Petroleum		Natural gas
	Coal	Crude <sup>1 3</sup> petroleum	Natural gas	Electricity generated <sup>1</sup>		Solid fuels	Refined petroleum <sup>5</sup>	Gas available	Electricity generated		Crude & process oils	Refined	
				Nuclear <sup>4</sup>	Hydro								
	Million tons		Million therms	TWh		Million tons		Million therms	TWh	Million tons		Million therms	
1969	153.2	0.10	1,938	29.1	3.3	25.9	86.2	5,517	223.4	−3.5	91.4	6.1	416
1970	144.8	0.15	4,153	26.0	4.5	24.3	95.7	6,350	233.7	−3.1	99.4	2.3	333
1971	147.1	0.20	6,901	27.5	3.4	21.8	99.1	8,080	241.3	1.5	104.5	2.1	332
1972	119.9	0.32	9,958	29.4	3.4	19.1	100.5	10,625	248.1	3.2	102.5	4.6	306
1973	129.9	0.36	10,812	28.0	3.9	19.4	107.3	11,645	264.6	−1.0	110.5	1.1	293
1974 p	108.5	0.40	13,040	33.6	4.1	17.1	104.5	13,466	255.9	2.0	109.7	0.3	243
1974 Mar	7.0	0.04	1,336	3.7	0.5	1.2	9.5	1,618	27.5	0.2	10.2	0.5	25
Apr	9.1	0.03	1,101	2.8	0.2	1.4	9.1	1,067	19.7	0.1	10.3	0.1	19
May	10.3	0.03	957	2.6	0.1	1.5	9.5	940	18.6	0.2	10.4	0.3	12
1975 Mar p	14.2	0.04	1,426	3.5	0.4	1.8	7.1	1,669	29.8	—	6.4	—	31
Apr p	10.3	0.04	1,205	2.5	0.2	1.4	7.1	1,169	20.5	0.3	7.5	0.4	19
May p	10.7	0.03	1,020	1.9	0.2	1.4	7.6	970	18.1	0.4	..	..	19
June p	11.0	0.06	..	..	..	1.6	..	..	..	..	..	..	..

1 Calendar months

2 Also included in secondary electricity. 3 Including natural gas liquids. 4 Generation for public supply.

5 Including feedstock for further processing at petro-chemical plants.



# Coal

TABLE 5. Coal supply

Thousand tons

	Total supply	Production				Imports	Tonnage lost (deep-mined) <sup>1</sup>	
		Total <sup>2</sup>		Deep-mined	Opencast		Recognised holidays and rest days	Disputes
		Unadjusted	Seasonally adjusted					
1969	153,234	153,234		144,241	6,320	—	12,137	2,913
1970	144,869	144,791		134,526	7,760	78	11,689	3,103
1971	151,255	147,081		134,322	10,498	4,174	11,045	4,734
1972	124,846	119,927		107,836	9,815	4,919	10,244	22,400
1973 <sup>3</sup>	131 599	129,950		118,656	9,454	1,649	10,313	5,569
1974 p <sup>3</sup>	111,956	108,465		98,413	9,085	3,491	10,352	15,996
Per cent change	—14.9	—16.5		—17.1	—3.9	(+)	+0.4	(+)
1974 Jan-June <sup>3</sup>	48,763	47,084		42,546	4,371	1,679	3,114	15,766
1975 Jan-June p	..	66,050		60,560	5,070	..	4,302	189
Per cent change	..	+40.3		+42.3	+16.0	..	+38.2	(—)
1974 June*	11,848	11,549	11,725	10,675	846	299	1,178	32
1975 June*p	..	10,992	11,920	9,793	999	..	2,138	35
Per cent change	..	—4.8	+1.7	—8.3	+18.1	..	+81.5	+9.4

1 NCB mines only. 2 Including slurry, etc., recovered and disposed of other than by the National Coal Board.

3 Coal miners' overtime ban 11 November 1973 to 9 February 1974 and national strike 10 February to 9 March 1974

TABLE 6. Colliery manpower and productivity at NCB mines

	Number of wage-earners on colliery books <sup>1</sup>		Absence percentage			Average output per manshift <sup>2</sup>		Recruitment	Wastage
	Thousands		Per cent			Cwt.		Number	
	Total	Underground	Total	Voluntary	Involuntary	Overall	At the face		
1969	300	235	18.3	4.8	13.5	43.45	136.96	23,346	48,295
1970	283	221	19.8	4.5	15.3	44.10	141.80	25,109	41,581
1971	279	218	18.1	4.4	13.7	43.94	143.08	28,010	32,309
1972	266	210	16.6	3.9	12.7	43.78	144.35	13,255	26,114
1973	245	193	18.0	4.1	13.9	45.19	150.00	17,402	37,961
1974 p	246	194	16.3	4.1	12.2	42.75	..	26,395	25,129
1974 June*	245	194	13.5	3.5	10.0	43.82	153.45	2,370	2,225
1975 June*p	249	197	14.9	3.3	11.6	43.48	154.99	1,350	2,275

1 At end of period. 2 Excluding capital working and tip coal.

3 The definition was changed from 1973

## Coal: production and consumption (seasonally adjusted annual rates)

Million tons

Million tons

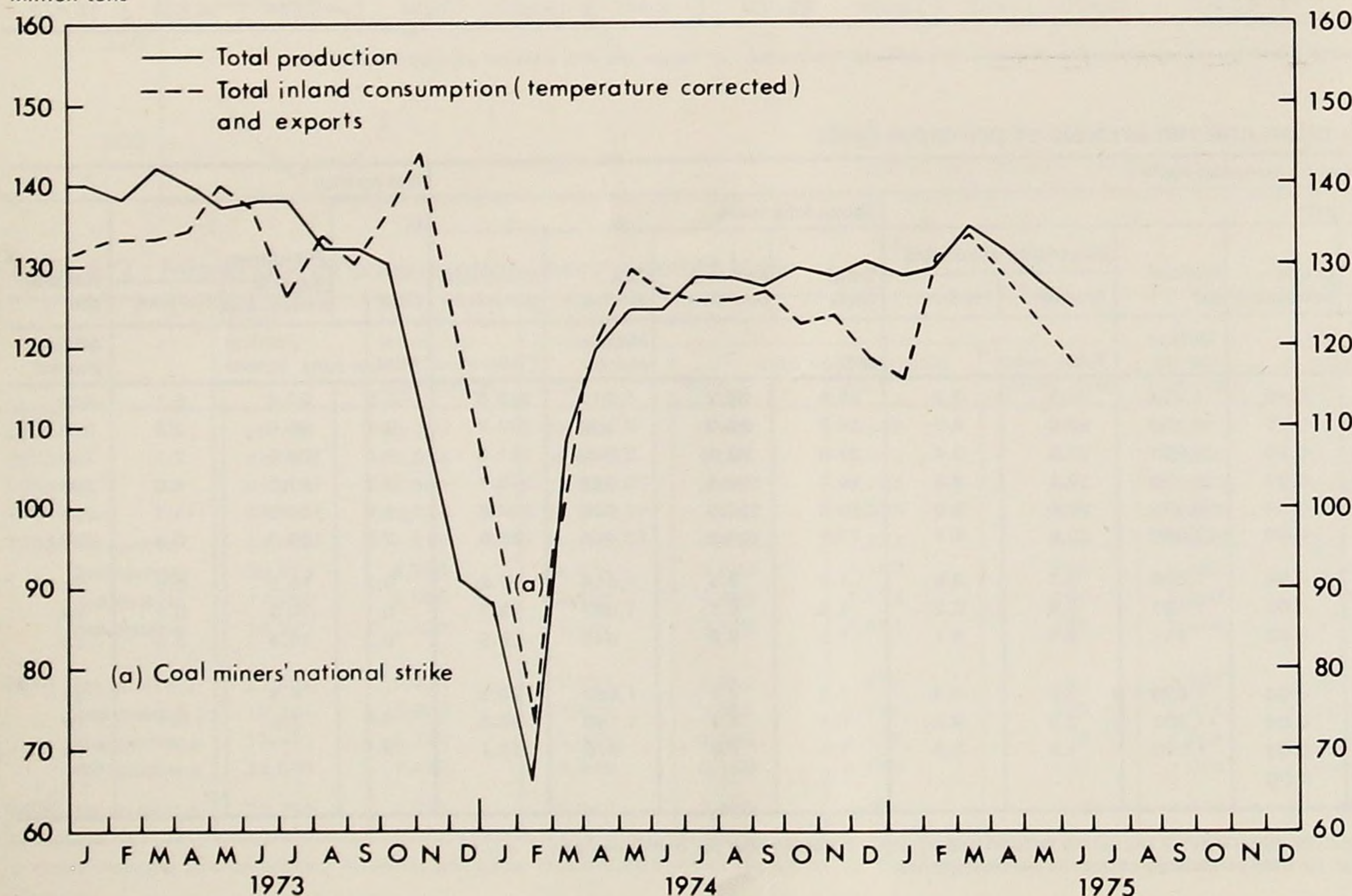




TABLE 7. Consumption of coal

Thousand tons

	Total	Overseas shipments	Inland consumption						Colliery disposals			
			Total inland consumption	Collieries	Power stations <sup>1</sup>	Gas works	Coke ovens	Other conversion industries	Industry <sup>2</sup>	House coal <sup>3,4</sup>	Anthracite and dry steam coal <sup>3</sup>	Miscellaneous <sup>5</sup>
1969	164,615	3,456	161,159	2,032	75,883	6,867	25,373	3,846	21,367	19,745	1,883	4,163
1970	157,548	3,141	154,407	1,886	76,017	4,212	24,940	4,084	19,304	17,882	1,990	4,092
1971	141,330	2,625	138,705	1,556	71,696	1,826	23,182	4,406	15,581	15,366	1,621	3,471
1972	122,713	1,768	120,945	1,383	65,611	566	20,152	4,475	11,478	12,569	1,756	2,952
1973	133,954	2,667	131,287	1,359	75,628	503	21,543	3,550	11,890	12,519	1,755	2,540
1974	117,491	1,564	115,927	1,236	65,967	105	18,169	3,689	10,902	11,848	1,545	2,466
Per cent change	-12.3	-41.4	-11.7	-9.1	-12.8	-79.1	-15.7	+3.9	-8.3	-5.4	-12.0	-2.9
1974 Jan-June	55,660	568	55,092	640	31,974	85	8,219	1,546	5,168	5,657	584	1,219
1975 Jan-June p	64,307	1,123	63,184	661	38,398	6	9,947	1,798	4,959	5,552	885	978
Per cent change	+15.5	+97.7	+14.7	+3.3	+20.1	(-)	+21.0	+16.3	-4.0	-1.9	+51.5	-19.8
1974 June*	10,912	126	10,786	107	5,654	10	1,972	403	1,193	1,181	95	171
1975 June*p	9,934	146	9,788	92	5,650	-	1,759	275	895	877	109	131
Per cent change	-9.0	+15.9	-9.3	-14.0	-0.1	(-)	-10.8	-31.8	-25.0	-25.7	+14.7	-23.4

1 Public supply electricity and railway and transport power stations. 2 Prior to October 1973 the figures relate to actual consumption.

3 Prior to April 1973 the figures relate to merchants' disposals to the domestic market. 4 Including miners' coal.

5 Including coal used for transport purposes and shipments to the Channel Islands.

TABLE 8. Stocks of coal<sup>1</sup> in Great Britain: at end of period

Thousand tons

	Total	Distributed					Undistributed		
		Total distributed stocks	Power stations	Gas works	Coke ovens	Miscellaneous	Total undistributed stocks	Opencast sites and central stocking grounds	Collieries
1969	31,416	12,935	11,018	461	1,231	225	18,481	3,159	15,322
1970	18,729	11,627	9,575	276	1,434	342	7,102	1,836	5,266
1971	28,211	17,982	15,712	72	1,777	421	10,229	3,256	6,973
1972	29,979	19,045	16,791	50	1,890	314	10,934	3,376	7,558
1973	27,445	16,766	14,537	27	1,937	265	10,679	3,150	7,529
1974	21,444	15,559	13,414	3	1,804	338	5,885	1,939	3,946
1974 June*	20,556	13,269	11,200	6	1,806	257	7,287	2,704	4,583
1975 May p	23,853	17,663	15,054	2	2,357	250	6,190	1,531	4,659
1975 June*p	25,292	18,877	16,371	2	2,269	235	6,415	1,509	4,906
Absolute change	+1,439	+1,214	+1,317	-	-88	-15	+225	-22	+247

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

## Gas

TABLE 9. Gas: sources of supply and send-out by the public gas supply system

	Natural gas supply			Other primary fuel used		Gas sent out		
	Net total into system	Indigenous	Arrivals	Coal	Oil	Total	Town gas	Natural gas for direct supply
	Million therms			Thousand tons		Million therms		
1969	2,267	1,856	411	6,885	5,525	5,437	4,973	464
1970	4,342	4,023	319	4,212	3,590	6,301	4,787	1,514
1971	6,977	6,660	317	1,770	1,881	8,061	4,069	3,992
1972	10,071	9,775	296	559	1,550	10,614	3,415	7,199
1973	10,916	10,639	277	503	1,739	11,620	2,434	9,186
1974 p	13,102	12,861	241	105	1,022	13,451	1,598	11,853
Per cent change	+20.0	+20.9	-13.1	-79.2	-41.2	+15.7	-34.5	+29.0
1974 Jan-May	5,990	5,884	106	75	613	6,211	925	5,286
1975 Jan-May p	6,404	6,277	127	6	371	6,514	494	6,020
Per cent change	+6.9	+6.7	+20.0	(-)	-39.4	-4.9	-46.6	+13.9
1974 May	922	906	16	10	63	940	113	827
1975 May p	958	942	16	1	32	971	56	915
Per cent change	+3.9	+3.9	+2.3	(-)	-49.1	+3.3	-50.2	+10.7

TABLE 10. Sales of gas by the public supply system

	Total	Iron and steel industry	1 Other indus- tries	Domestic	Other
1971	7,520	343	2,381	3,930	866
1972	9,787	437	3,845	4,509	996
1973	10,729	396	4,435	4,815	1,083
1974 p	12,664	395	5,620	5,380	1,269
1973 1st qtr.	3,305	104	1,104	1,740	357
2nd qtr.	2,328	98	1,046	953	231
3rd qtr.	1,774	87	973	561	153
4th qtr.	3,322	107	1,312	1,561	342
1974 1st qtr. p	4,091	110	1,570	1,978	433
2nd qtr. p	2,741	102	1,353	1,010	276
3rd qtr. p	2,180	86	1,226	695	173
4th qtr. p	3,652	97	1,471	1,697	387
1975 1st qtr. p	4,389	98	1,491	2,328	472

1 Including sales to power stations



# Electricity

TABLE 11. Generation of electricity by the public electricity supply system

	Primary fuel used						Electricity generated			Electricity supplied	Total electricity available
	Total <sup>1</sup>	Coal	Oil	Natural gas	Nuclear electricity	Hydro- <sup>2</sup> electricity	Total <sup>3</sup>	By steam plant			
								Nuclear	Other		
Million tons of coal or coal equivalent						GWh					
United Kingdom											
1969	100.91	76.05	13.81	0.15	9.01	1.74	218,402	25,271	188,177	201,970	206,295
1970	107.32	76.17	20.81	0.24	7.73	2.26	228,236	21,870	199,869	210,904	215,488
1971	106.01	71.18	24.16	1.05	8.05	1.51	235,740	23,209	207,808	218,000	222,374
1972	109.58	65.25	31.25	2.48	8.89	1.68	242,745	25,303	212,196	224,700	229,232
1973	114.71	75.57	28.04	1.13	8.22	1.69	258,800	23,658	229,911	240,352	244,722
1974 p	110.52	65.97	28.51	3.86	10.28	1.84	250,484	29,396	215,813	232,247	236,364
Per cent change	-3.7	-12.7	+1.7	(+)	+25.0	+8.9	-3.2	+24.3	-6.2	-3.4	-3.4
1974 Jan-May	46.29	26.32	12.47	1.91	4.63	0.92	105,571	13,249	89,803	97,824	99,644
1975 Jan-May p	49.65	32.68	10.55	1.28	4.19	0.91	114,762	11,960	100,318	106,794	108,499
Per cent change	+7.3	+24.1	-15.4	-33.0	-9.4	-0.9	+8.7	-9.7	+11.7	+9.2	+8.9
1974 May	7.92	5.22	1.62	0.25	0.80	0.03	18,166	2,306	15,663	16,728	17,012
1975 May p	7.69	5.30	1.48	0.25	0.57	0.07	17,786	1,650	15,863	16,532	16,795
Per cent change	-3.0	+1.6	-8.6	-	-27.9	+138.7	-2.1	-28.4	+1.3	-1.2	-1.3
England and Wales											
1969	89.51	69.16	11.61	0.15	8.05	0.39	193,474	22,582	169,470	179,307	180,887
1970	94.63	69.61	17.47	0.24	6.79	0.41	200,421	19,230	179,184	185,505	188,594
1971	93.46	64.95	20.07	1.05	7.19	0.14	208,070	20,679	186,144	192,738	195,127
1972	95.85	58.21	26.74	2.48	8.08	0.31	212,910	23,010	187,951	197,199	200,239
1973	99.49	67.14	23.56	1.13	7.45	0.15	225,237	21,416	202,177	208,448	212,580
1974 p	96.13	58.63	24.00	3.86	9.43	0.16	218,894	26,928	190,540	202,875	205,293
Per cent change	-3.4	-12.7	+1.8	(+)	+26.6	+3.3	-2.8	+25.7	-5.8	-2.7	-3.4
1974 Jan-May	40.06	23.20	10.61	1.91	4.24	0.06	91,865	12,122	79,135	85,053	86,216
1975 Jan-May p	43.07	28.77	9.07	1.28	3.82	0.09	100,108	10,874	88,731	93,227	93,789
Per cent change	+7.5	+24.0	-14.5	-33.0	-9.9	+39.3	+9.0	-10.3	+12.1	+9.6	+8.8
1974 May	6.97	4.67	1.33	0.25	0.72	-0.01	16,030	2,097	13,870	14,764	14,859
1975 May p	6.67	4.64	1.27	0.25	0.50	0.01	15,523	1,438	14,001	14,442	14,553
Per cent change	-4.3	-0.7	-4.3	-	-30.9	-	-3.2	-31.4	+0.9	-2.2	-2.1

1 Including coke. 2 Including net imports. 3 Including generation by oil-engine and hydro-electric plant.

TABLE 12. Plant capacity of the public electricity supply industry

Megawatts

	United Kingdom			England and Wales		
	Output capacity		Maximum load during period	Output capacity		Maximum load during period
	At end of period	New plant brought into commission during period <sup>1</sup>		At end of period	New plant brought into commission during period <sup>1</sup>	
1969	52,735	2,777	43,885	46,035	2,661	38,153
1970	57,237	5,791	44,161	49,335	4,511	38,651
1971	61,972	5,178	45,897	53,559	4,592	39,927
1972	65,067	3,690	46,912	56,055	3,029	40,612
1973	67,680	3,319	46,024	58,369	2,882	39,671
1974 p	69,119	2,098	47,638	59,451	1,734	40,935
1974 May	67,344	5	35,350	58,026	-	30,722
1975 May p	68,064	1	34,446	58,523	-	29,557

1 Including revisions to interim ratings.



TABLE 13. Electricity generated outside the public electricity supply system in Great Britain

GWh

	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)	Total industry	Transport undertakings	Total
					Nuclear power stations	Other <sup>1</sup>						
1969	2,835	1,328	383	585	3,854	6,769	545	2,970	643	19,912	685	20,597
1970	2,700	1,508	375	478	4,142	6,846	564	2,965	637	20,215	664	20,879
1971	2,728	1,344	410	465	4,339	6,987	535	2,671	613	20,092	677	20,769
1972	2,587	1,320	409	512	4,098	7,408	458	2,786	645	20,223	693	20,916
1973	2,707	2,716	458	492	4,339	7,859	498	2,763	716	22,548	702	23,250
1974	2,180	3,139	521	438	4,222	7,904	450	2,598	674	22,126	646	22,772
1972 1st quarter	743	319	140	94	1,255	1,925	105	710	179	5,470	179	5,649
2nd quarter	618	318	53	142	907	1,916	119	679	152	4,904	168	5,072
3rd quarter	550	332	45	122	950	1,766	112	633	141	4,651	164	4,815
4th quarter	676	351	171	154	986	1,801	122	764	173	5,198	182	5,380
1973 1st quarter	798	624	108	140	1,157	2,060	133	772	203	5,995	194	6,189
2nd quarter	641	565	63	127	1,001	1,843	127	692	169	5,228	175	5,403
3rd quarter	593	672	62	119	1,105	1,743	114	584	156	5,148	162	5,310
4th quarter <sup>2</sup>	675	855	225	106	1,076	2,213	124	715	188	6,177	171	6,348
1974 1st quarter	675	771	160	79	1,223	2,314	139	728	204	6,293	173	6,466
2nd quarter	505	785	70	122	1,075	1,903	128	649	155	5,392	159	5,551
3rd quarter	464	777	70	104	1,030	1,711	99	575	141	4,971	150	5,121
4th quarter	536	806	221	133	894	1,976	84	646	174	5,470	164	5,634
1975 1st quarter	586	873	111	130	1,087	1,892	106	570	185	5,540	177	5,717

1 Including production by the mineral oil refining industry.

2 Following a change in coverage the figures for the 4th quarter of 1973 onwards contain a slightly greater degree of estimation.

TABLE 14. Sales of electricity by the public supply system

GWh

	Total	Iron and steel industry	Other industries	Domestic	Other
1969	188,834	11,693	65,742	72,185	39,214
1970	197,751	12,004	67,489	77,213	41,045
1971	203,433	10,837	69,371	80,674	42,551
1972	210,417	10,774	68,967	86,889	43,787
1973	225,267	11,646	75,327	91,299	46,995
1974	218,335	11,292	70,927	92,499	43,617
1973 1st quarter	66,625	2,975	19,799	30,031	13,820
2nd quarter	52,516	2,944	18,744	20,156	10,672
3rd quarter	44,518	2,747	17,568	14,888	9,315
4th quarter	61,608	2,980	19,216	26,224	13,188
1974 1st quarter	59,544	2,668	15,747	30,264	10,865
2nd quarter	50,384	2,871	18,124	19,637	9,752
3rd quarter	45,261	2,727	17,495	15,726	9,313
4th quarter	63,146	3,026	19,561	26,872	13,687
1975 1st quarter	66,100	3,105	18,644	30,427	13,924

# Petroleum

TABLE 15. Refinery throughput and output of finished petroleum products<sup>(1)</sup>

Thousand tons

	Throughput of crude and process oils	Refinery fuel	Total output of finished products <sup>2</sup>	Gases		Aviation spirit and aviation wide-cut gasoline	Motor spirit	Industrial and white spirits	Kerosene		Gas/diesel oil	Fuel oil	Lubricating oils	Bitumen
				Butane and propane	Other petroleum				Burning oil <sup>3</sup>	Vaporising oil				
1969	90,251	5,547	83,743	1,129	507	312	10,065	195	5,310	56	19,170	37,661	1,183	1,695
1970	100,301	5,933	93,200	1,163	364	287	11,167	186	5,724	36	22,159	42,181	1,303	1,886
1971	103,678	6,086	96,693	1,217	280	180	12,324	129	6,108	40	24,068	42,491	1,407	2,061
1972	105,290	6,319	97,797	1,440	363	416	13,417	123	6,689	31	25,133	40,355	1,312	1,972
1973	112,532	6,941	104,280	1,629	388	371	14,608	148	7,118	34	27,413	41,362	1,453	2,190
1974	109,460	6,836	101,431	1,576	267	263	14,291	147	6,908	20	27,204	39,390	1,432	2,096
Per cent change	-2.7	-1.5	-2.7	-3.2	-31.1	-29.0	-2.2	-0.4	-2.9	-41.6	-0.8	-4.8	-1.4	-4.3
1974 Jan-May	47,943	2,990	44,447	709	150	109	5,876	84	3,024	8	11,910	17,551	605	897
1975 Jan-May p	39,192	2,479	36,285	628	68	96	5,598	40	2,654	7	9,438	14,197	508	823
Per cent change	-18.3	-17.1	-18.4	-11.5	-55.0	-11.8	-4.7	-52.5	-12.3	-3.8	-20.8	-19.1	-16.0	-8.2
1974 May	9,899	598	9,221	148	22	37	1,343	16	583	1	2,542	3,418	120	220
1975 May p	7,972	508	7,395	136	9	21	1,283	6	507	-	2,052	2,686	89	201
Per cent change	-19.5	-15.0	-19.8	-8.1	-61.2	-42.2	-4.5	-64.1	-13.1	(-)	-19.2	-21.4	-25.8	-8.6

1 Calendar months

2 Including output of products not shown separately, namely, naphtha (light distillate feedstock) and other feedstock, waxes and miscellaneous production; refinery losses have been excluded.

3 Including aviation turbine fuel.



# Petroleum products: output, deliveries and trade (unadjusted annual rates)

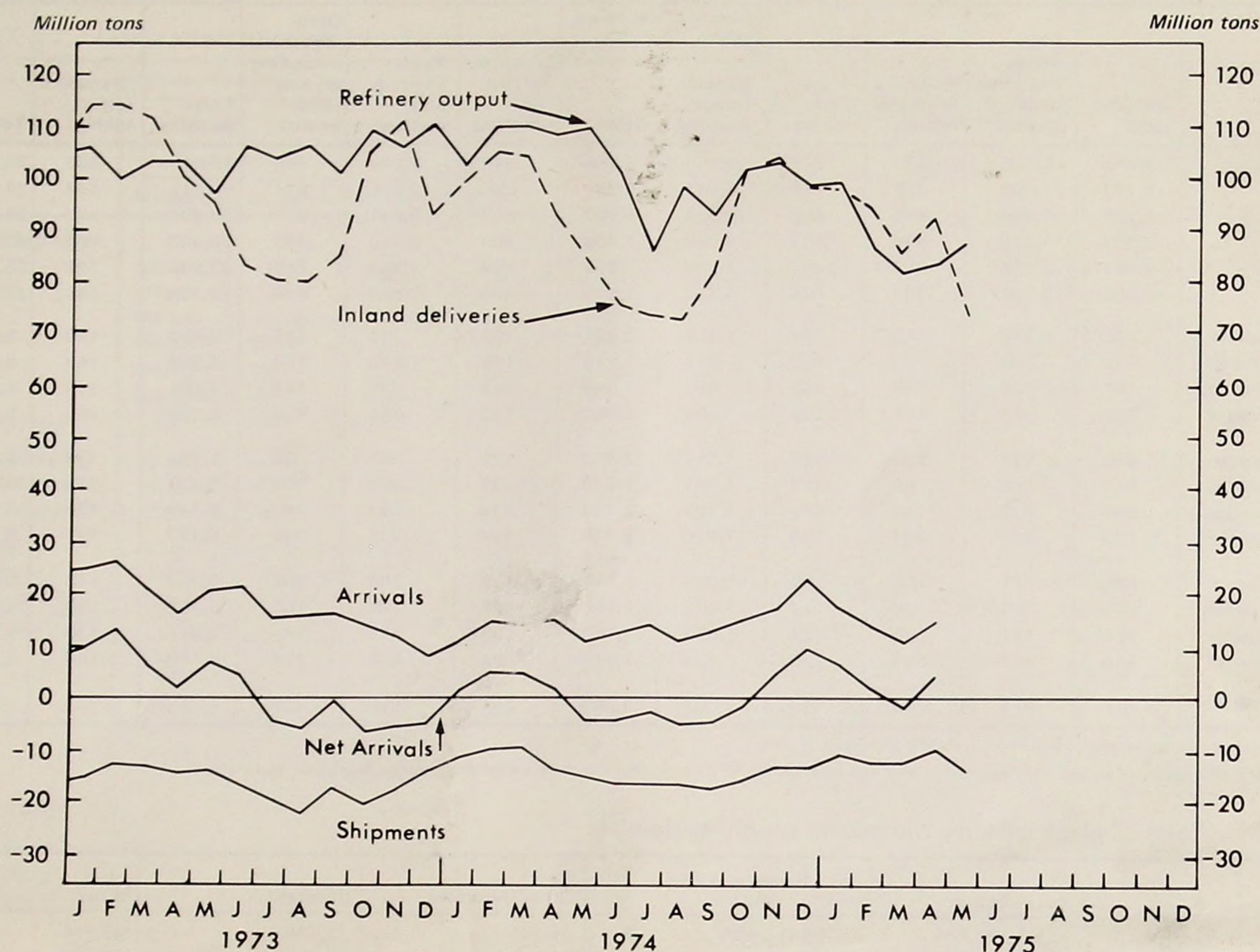


TABLE 16. Deliveries of petroleum products for inland consumption <sup>(1)</sup>

Thousand tons

	Total <sup>2 3</sup>	Aviation spirit and aviation wide-cut gasoline	Motor spirit	Industrial and white spirits	Kerosene			Gas/diesel oil		Fuel oil <sup>3</sup>	Lubricating oils	Bitumen	Paraffin wax
					Aviation turbine fuel	Burning oil	Vaporising oil	Derv fuel	Other				
1969	83,779	377	13,231	241	2,921	2,208	64	4,791	10,349	33,393	1,208	1,812	58
1970	89,404	224	14,010	181	3,202	2,442	53	4,955	11,918	37,975	1,157	2,036	56
1971	90,073	145	14,727	183	3,609	2,525	47	5,104	12,370	38,772	1,129	2,173	61
1972	96,157	139	15,648	211	3,867	2,882	40	5,172	14,874	40,654	1,095	2,169	65
1973	97,774	133	16,659	230	4,135	3,134	35	5,569	14,861	38,824	1,166	2,420	74
1974	91,390	115	16,223	204	3,631	2,738	26	5,432	13,366	36,735	1,029	2,205	88
Per cent change	-6.5	-14.0	-2.6	-11.2	-12.2	-12.6	-24.2	-2.5	-10.1	-5.4	-11.8	-8.9	+18.9
1974 Jan-May	40,303	41	6,333	87	1,342	1,369	11	2,242	6,249	16,623	423	949	38
1975 Jan-May p	36,599	46	6,288	84	1,422	1,268	7	2,204	6,168	14,965	403	830	26
Per cent change	-9.2	+12.5	-0.7	-2.9	+6.0	-7.4	-41.5	-1.7	-1.3	-10.0	-4.7	-12.5	-32.2
1974 May	7,126	13	1,430	18	317	181	3	465	987	2,558	87	222	7
1975 May p	6,220	9	1,395	18	324	132	1	445	914	2,264	82	183	5
Per cent change	-12.7	-32.9	-2.4	-3.1	+2.4	-27.2	-44.2	-4.4	-7.4	-11.5	-5.3	-17.7	-33.3

1 Calendar months

2 Including products not shown separately. 3 Excluding refinery consumption.

TABLE 17. Stocks of oil at end of month

	Held by oil companies <sup>1</sup>		Power stations <sup>2</sup>
	Million tons	Estimated days' supply <sup>3</sup>	Million tons
1974 Apr	22.1	100	0.85
May	23.6	109	0.84
June	25.1	110	0.80
1975 Apr	21.5	105	0.85
May	21.7	109	0.80
June	22.6	112	0.86

1 Includes stocks of the product equivalent of crude and process oils held at the refineries and products at various stages in the distribution system.

2 Fuel oil held at main oil burning stations in Great Britain.

3 Calculated on actual or forecast deliveries for the ensuing months.