



## North Sea: the first million tons

### Total energy

#### Final consumers take less

Total inland energy consumption in November on a primary fuel input basis was nearly 10 per cent lower than a year ago. After seasonal adjustment and allowing for the effect of temperature differences, total consumption measured at an annual rate was just under 310 million tons coal equivalent, comparable to the August rate which was in turn lower than at any time since the 'crisis' period of early 1974. Once again, the main impact of the reduction was borne by petroleum, the rate of consumption equalling that of March as the lowest level this year.

Provisional figures for energy consumption by final consumers in the third quarter on a heat supplied basis indicate that total consumption was about 13 per cent lower than in the comparable period of 1974. All fuels shared the overall decline in consumption with coal and other solid fuels each down by more than a quarter with, unusually, gas also lower (by 6 per cent). The summer quarter of 1975 was however not only substantially warmer than the year before, but also much drier and sunnier. An allowance for temperature effects alone would reduce the difference between the periods by about a third.

Consumption during July-September was lower in all main consuming sectors than in the previous year ranging from a massive 30 per cent decline in the steel industry to a fall of only 2 per cent in the transport sector. Industry other than iron and steel consumed 15 per cent less, a further reflection of the low level of industrial activity. In the domestic sector consumption was also lower by 15 per cent, with coal down by nearly a quarter. The decline of 8 per cent in other solid fuels, mainly smokeless, was much less marked.

### Coal

#### Bigger coal burn at power stations

Deep-mined coal production in December was 3½ per cent higher than in December 1974 but the 400 thousand tons difference in output was largely the result of the differing holiday patterns of the periods.

Provisional figures for the year 1975 show that deep-mined production was about 2½ million tons lower than in 1973, (the most recent comparable year) while opencast output rose to a little over 10 million tons, the highest for four years. Productivity during 1975 in terms of output per manshift was nearly 45 cwt, only just below the 1973 level. The effect of this year's improved holiday allowances is reflected in the 'substantially higher "tonnage lost" recorded for this cause. On the other hand, tonnage lost as a result of disputes in 1975 is with the exception of 1968, the lowest recorded in any year since nationalisation.

Total coal consumption in December was nearly 8 per cent higher than in December 1974, which was an exceptionally warm month. The overall increase is wholly due to higher consumption at power stations where coal has been increasingly used in recent

months at the expense of oil, and the other consuming sectors all took less than a year ago.

### Gas

#### Growing again?

After a five month period of flattening demand, gas sent out in November turned towards its former growth pattern with an increase of over 4 per cent compared with a year ago.

Total sales of gas in the 3rd quarter were 5 per cent lower than in the comparable period of 1974 with overall sales to industrial consumers, including power stations, down by 2½ per cent. Domestic consumers used nearly one eighth less, much of this reduction no doubt being due to the fine summer weather. Sales to other consumers, mainly commercial, increased by 12 per cent, much in line with the continued penetration of this market by the gas industry during the last two years.

### Electricity

#### Domestic sales lower in 3rd quarter

Total electricity supplied in November was 8½ per cent lower than in November last year, a decline of a similar order to that experienced during recent months. The margin between the two periods narrows to about 7 per cent after allowance is made for the milder weather in November this year.

Electricity sales in the 3rd quarter to each main sector were lower than in the 3rd quarter of last year, total sales falling by 7 per cent. Sales to the iron and steel industry and other industries were together lower by 8 per cent, and correspond with a 9 per cent reduction in industrial output during that period. Domestic sales fell by nearly 10 per cent due primarily to the combined effects of the fine summer, higher prices and economy measures taken by consumers.

### Petroleum

#### Continuing low demand

Crude oil production in December carried the total produced from the North Sea in 1975 beyond the million ton mark, most of it coming from the Forties field inaugurated in November.

Output of refined products in December was nearly a quarter less than a year ago, declining output being fairly evenly spread across the range of major products. Inland deliveries of products were down by a fifth overall with fuel oil, lower by 28 per cent, continuing the trend followed by this product in recent months.

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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.

Definitions of the terms used in these tables may be found in the *Digest of United Kingdom Energy Statistics, 1975*

The figures for November 1973 to March 1974, are progressively affected by the coal miners' overtime ban, their subsequent national strike, and by restrictions on fuel use. Cumulative totals and comparisons are also affected by these factors.

#### 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

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	331.1	116.0	149.0	52.1	11.9	2.1	331.5	115.8	149.6	52.1	11.9	2.1
Per cent change	-4.3	-11.7	-6.5	+19.6	+20.3	+4.4	-4.4	-11.9	-6.3	+19.6	+20.3	+4.4
	Unadjusted						Seasonally adjusted (annual rate)					
1974 Jan-Nov	295.6	103.9	132.7	46.6	10.7	1.7	330.9	115.5	149.3	52.1	12.0	2.0
1975 Jan-Nov p	285.2	107.3	118.4	48.2	9.5	1.8	321.5	120.8	134.2	53.8	10.7	2.0
Per cent change	-3.5	+3.3	-10.8	+3.4	-10.7	+2.1	-2.8	+4.6	-10.1	+3.3	-10.8	+0.2
1974 Nov	30.6	10.8	13.2	5.4	1.0	0.2	342.6	123.2	151.8	53.1	12.0	2.5
1975 Nov p	27.6	10.0	10.7	5.8	0.9	0.2	309.7	116.7	121.3	58.0	11.8	1.9
Per cent change	-9.9	-7.8	-19.5	+8.6	-2.6	-20.9	-9.6	-5.3	-20.1	+9.2	-1.7	-24.0

<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

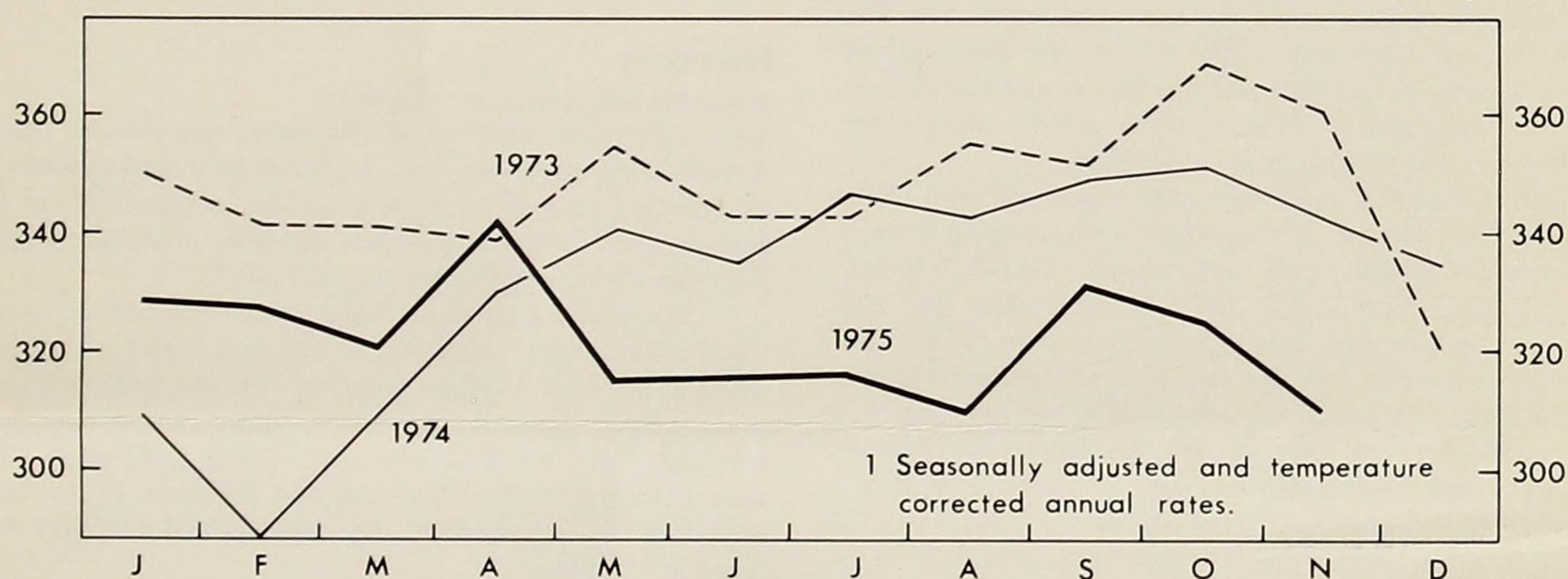


TABLE 2. Inland energy consumption: heat supplied basis

Million therms

	Total primary energy	Used by fuel industries and losses in distribution	Final consumption						Electricity
			Total	Coal	Other solid fuels	Other coal-derived fuels <sup>1</sup>	Petroleum	Gas <sup>2</sup>	
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	26,738	61,112	8,064	4,842	586	29,623	10,495	7,502
1974	83,494	25,006	58,488	7,519	4,321	437	27,193	11,736	7,282
1973 1st quarter	25,099	7,584	17,515	2,336	1,247	147	8,310	3,257	2,218
2nd quarter	20,514	6,208	14,306	1,950	1,187	155	6,989	2,291	1,734
3rd quarter	17,960	5,519	12,441	1,645	1,172	151	6,256	1,745	1,472
4th quarter	24,277	7,427	16,850	2,133	1,236	133	8,068	3,202	2,078
1974 1st quarter	21,866	6,293	15,573	1,494	936	89	7,304	3,751	1,999
2nd quarter	19,751	5,810	13,941	2,050	1,139	122	6,421	2,536	1,673
3rd quarter	17,903	5,399	12,504	1,825	1,134	114	5,936	1,995	1,500
4th quarter	23,974	7,504	16,470	2,150	1,112	112	7,532	3,454	2,110
1975 1st quarter p	23,289	6,894	16,395	1,838	1,102	127	6,923	4,196	2,209
2nd quarter p	18,975	5,772	13,203	1,655	856	121	6,285	2,610	1,676
3rd quarter p	15,926	5,004	10,922	1,318	815	101	5,420	1,872	1,396

<sup>1</sup> Coke oven gas, creosote/pitch mixtures and other liquid fuels derived from coal.

<sup>2</sup> Town gas and natural gas supplied direct.



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

Million therms

	1973	1974	1973		1974				1975 p		
			3rd quarter	4th quarter	1st quarter	2nd quarter	3rd quarter	4th quarter	1st quarter p	2nd quarter p	3rd quarter P
<b>Iron and steel industry</b>											
Coal	100	99	15	36	23	34	16	26	25	18	10
Other solid fuel	3,133	2,620	767	769	564	691	710	655	719	549	459
Other coal-derived fuels <sup>1</sup>	523	374	133	121	79	104	96	95	106	95	75
Gas <sup>2</sup>	396	395	87	107	110	102	86	97	98	89	78
Electricity	357	345	85	90	81	87	84	93	94	84	75
Petroleum	2,066	1,648	434	541	484	366	347	451	450	334	244
<b>Total</b>	<b>6,575</b>	<b>5,481</b>	<b>1,521</b>	<b>1,664</b>	<b>1,341</b>	<b>1,384</b>	<b>1,339</b>	<b>1,417</b>	<b>1,492</b>	<b>1,169</b>	<b>941</b>
<b>Other industries</b>											
Coal	3,056	2,795	635	870	514	802	733	746	660	613	528
Other solid fuel	255	228	48	70	52	61	52	63	50	48	34
Other coal-derived fuels <sup>1</sup>	63	63	18	12	10	18	18	17	21	26	26
Gas <sup>2</sup>	4,201	4,692	944	1,192	1,230	1,148	1,041	1,273	1,298	1,092	1,008
Electricity	2,375	2,244	553	608	503	572	551	618	589	540	506
Petroleum	9,324	8,433	1,714	2,706	2,470	1,942	1,619	2,402	2,148	1,777	1,306
<b>Total</b>	<b>19,274</b>	<b>18,455</b>	<b>3,912</b>	<b>5,458</b>	<b>4,779</b>	<b>4,543</b>	<b>4,014</b>	<b>5,119</b>	<b>4,766</b>	<b>4,096</b>	<b>3,408</b>
<b>Domestic sector</b>											
Coal	4,194	3,932	891	998	761	1,067	947	1,157	1,010	890	697
Other solid fuel	1,124	1,100	277	304	233	290	281	296	269	209	259
Gas <sup>2</sup>	4,815	5,380	561	1,561	1,978	1,010	695	1,697	2,328	1,119	615
Electricity	3,116	3,157	508	895	1,033	670	537	917	1,038	679	487
Petroleum	1,668	1,482	182	554	514	279	188	501	473	306	194
<b>Total</b>	<b>14,917</b>	<b>15,051</b>	<b>2,419</b>	<b>4,312</b>	<b>4,519</b>	<b>3,316</b>	<b>2,648</b>	<b>4,568</b>	<b>5,118</b>	<b>3,203</b>	<b>2,252</b>
<b>Transport sector</b>											
Coal	27	24	3	8	7	5	4	8	7	4	3
Other solid fuel	—	—	—	—	—	—	—	—	—	—	—
Other coal-derived fuels <sup>1</sup>	—	—	—	—	—	—	—	—	—	—	—
Electricity	89	92	22	22	21	23	23	25	27	25	24
Petroleum	12,760	12,295	3,399	3,123	2,744	3,126	3,289	3,136	2,771	3,104	3,223
<b>Total</b>	<b>12,876</b>	<b>12,411</b>	<b>3,424</b>	<b>3,153</b>	<b>2,772</b>	<b>3,154</b>	<b>3,316</b>	<b>3,169</b>	<b>2,805</b>	<b>3,133</b>	<b>3,250</b>
<b>Other final consumers</b>											
Coal	687	669	101	221	189	142	125	213	136	130	80
Other solid fuel	330	373	80	93	87	97	91	98	64	50	63
Gas <sup>2</sup>	1,083	1,269	153	342	433	276	173	387	472	310	171
Electricity	1,565	1,444	304	463	361	321	305	457	461	348	304
Petroleum	3,805	3,335	527	1,144	1,092	708	493	1,042	1,081	764	453
<b>Total</b>	<b>7,470</b>	<b>7,090</b>	<b>1,165</b>	<b>2,263</b>	<b>2,162</b>	<b>1,544</b>	<b>1,187</b>	<b>2,197</b>	<b>2,214</b>	<b>1,602</b>	<b>1,071</b>
<b>Total final consumption</b>	<b>61,112</b>	<b>58,488</b>	<b>12,441</b>	<b>16,850</b>	<b>15,573</b>	<b>13,941</b>	<b>12,504</b>	<b>16,470</b>	<b>16,395</b>	<b>13,203</b>	<b>10,922</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>2</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	108.7	0.40	13,040	33.6	4.1	17.1	104.5	13,466	255.9	2.0	109.7	0.3	243
1975	126.7	1.53	..	..	..	17.0	..	..	..	..	..	..	..
1974 Sep*	11.9	0.03	848	2.7	0.3	1.8	7.8	973	22.0	0.1	8.5	−0.4	19
Oct	10.5	0.04	1,256	2.5	0.2	1.5	8.9	1,132	21.9	0.3	9.3	−0.1	19
Nov	10.8	0.04	1,346	2.7	0.4	1.5	8.7	1,266	23.9	0.1	8.5	0.3	19
1975 Sep*p	11.5	0.11	857	2.6	0.3	1.6	7.1	954	20.5	0.3	7.2	−0.5	38
Oct p	10.8	0.24	1,169	2.4	0.4	1.4	7.3	1,054	19.6	0.3	7.1	−0.4	38
Nov p	11.1	0.33	1,164	2.6	0.3	1.4	6.6	1,319	22.0	0.3	6.8	0.4	19
Dec*p	12.3	0.38	..	..	..	1.3	..	..	..	..	..	..	..

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 loss (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>	131,555	129,906		118,140	9,964	1,649	10,313	5,569
1974 <sup>3</sup>	112,198	108,707		98,413	9,085	3,491	10,352	15,996
1975 p	..	126,658		115,555	10,221	..	12,105	347
Per cent change	..	+16.5		+17.4	+12.5	..	+16.9	(—)
1974 Dec	12,048	11,823	12,610	10,674	883	225	1,892	35
1975 Dec p	..	12,253	12,330	11,072	976	..	1,434	23
Per cent change	..	+3.6	—2.2	+3.7	+10.5	..	—24.2	—34.3

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 <sup>3</sup>	45.00	150.00	17,402	37,961
1974	246	194	16.3	4.1	12.2	42.81	..	26,395	25,129
1975	245	194	16.2	4.0	12.2	44.92	155.85	21,338	22,485
1974 Dec	246	194	16.9	4.4	12.5	45.78	158.42	1,690	1,798
1975 Dec p	245	194	16.2	3.9	12.3	45.23	156.22	875	2,152

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

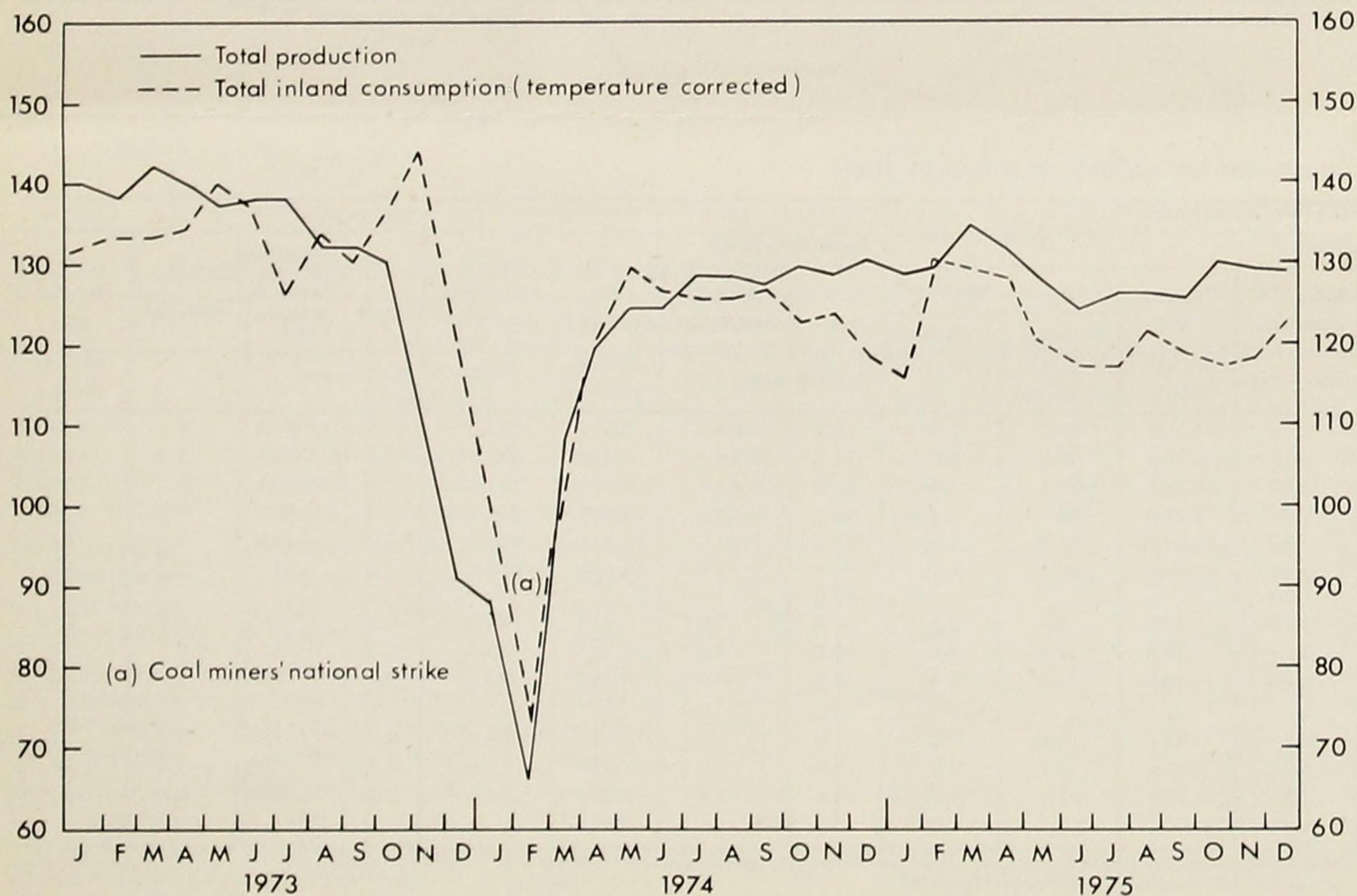




TABLE 7. Consumption of coal

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	117,569	1,564	116,005	1,236	65,967	105	18,169	3,689	10,902	11,848	1,623	2,466
1975 p	122,223	1,823	120,400	1,218	73,411	10	18,875	3,983	9,532	9,844	1,609	1,918
Per cent change	+4.0	+16.6	+3.8	-1.5	+11.3	(-)	+3.9	+8.0	-12.6	-16.9	-0.9	-22.2
1974 Dec	12,322	192	12,130	128	6,997	2	1,884	415	1,027	1,204	156	317
1975 Dec p	13,245	165	13,080	133	8,598	1	1,777	360	922	886	133	270
Per cent change	+7.5	-14.1	+7.8	+3.9	+22.9	-50.0	-5.7	-13.3	-10.2	-26.4	-14.7	-14.8

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	21,462	15,577	13,414	3	1,822	338	5,885	1,939	3,946
1974 Dec	21,462	15,577	13,414	3	1,822	338	5,885	1,939	3,946
1975 Nov p	31,395	21,306	18,609	1	2,416	280	10,089	1,731	8,358
1975 Dec p	30,800	20,350	17,668	2	2,430	250	10,450	1,683	8,767
Absolute change	-595	-956	-941	+1	+14	-30	+361	-48	+409

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	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-Nov	11,521	11,314	207	103	918	11,838	1,453	10,385
1975 Jan-Nov p	11,865	11,573	292	8	448	11,974	697	11,277
Per cent change	+3.0	+2.3	+41.7	(-)	-51.2	+1.2	-52.0	+8.6
1974 Nov	1,248	1,234	14	2	70	1,264	122	1,142
1975 Nov p	1,305	1,274	31	1	16	1,317	42	1,275
Per cent change	+4.5	+3.2	(+)	-59.5	-78.0	+4.2	-65.6	+11.6

TABLE 10. Sales of gas by the public supply system

	Total	Iron and steel industry	<sup>1</sup> Other industries	Domestic	Other
	Million therms				
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	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.	4,091	110	1,570	1,978	433
2nd qtr.	2,741	102	1,353	1,010	276
3rd qtr.	2,180	86	1,226	695	173
4th qtr.	3,652	97	1,471	1,697	387
1975 1st qtr. p	4,389	98	1,491	2,328	472
2nd qtr. p	2,798	89	1,280	1,119	310
3rd qtr. p	2,067	78	1,203	615	171

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	240,373	244,756
1974	110.52	65.97	28.51	3.86	10.28	1.84	250,466	29,395	215,729	232,402	236,680
Per cent change	-3.7	-12.7	+1.7	(+)	+25.0	+8.9	-3.2	+24.3	-6.2	-3.3	-3.3
1974 Jan-Nov	97.91	58.97	24.76	3.45	9.20	1.48	221,585	26,330	190,854	205,339	209,069
1975 Jan-Nov p	96.58	64.81	18.91	2.98	8.23	1.52	222,330	23,522	194,299	206,237	209,676
Per cent change	-1.4	+9.9	-23.6	-13.7	-10.5	+2.8	+0.3	-10.7	+1.8	+0.4	+0.3
1974 Nov	10.51	6.37	2.90	0.20	0.86	0.17	23,588	2,443	20,685	21,942	22,299
1975 Nov p	9.38	6.44	1.66	0.33	0.81	0.13	21,581	2,290	18,899	20,053	20,308
Per cent change	-10.8	+1.0	-42.6	+62.4	-6.1	-24.0	-8.5	-6.3	-8.6	-8.6	-8.9
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	208,999	212,717
1974	96.11	58.63	24.00	3.86	9.43	0.14	218,848	26,928	190,428	202,954	205,552
Per cent change	-3.4	-12.7	+1.8	(+)	+26.6	-9.3	-2.8	+25.7	-5.8	-2.9	-3.4
1974 Jan-Nov	85.30	52.46	20.77	3.45	8.44	0.10	193,865	24,124	168,453	179,555	181,853
1975 Jan-Nov p	83.90	57.18	16.06	2.98	7.44	0.11	194,067	21,222	171,978	180,427	181,660
Per cent change	-1.6	+9.0	-22.7	-13.7	-11.8	+13.0	+0.1	-12.0	+2.1	+0.5	-0.1
1974 Nov	9.07	5.59	2.47	0.20	0.79	0.02	20,420	2,235	18,048	18,985	19,321
1975 Nov p	8.14	5.69	1.37	0.33	0.73	0.01	18,845	2,080	16,707	17,562	17,561
Per cent change	-10.2	+1.7	-44.4	+62.4	-6.5	-60.0	-7.7	-6.9	-7.4	-7.5	-9.1

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	52,734	2,777	43,885	46,035	2,661	38,153
1970	57,183	5,791	44,161	49,335	4,511	38,651
1971	61,918	5,178	45,897	53,559	4,592	39,927
1972	65,013	3,690	46,912	56,055	3,029	40,612
1973	67,591	3,319	46,027	58,369	2,882	39,674
1974	69,011	2,098	47,676	59,451	1,734	40,973
1974 Nov	68,762	4	46,378	59,202	—	39,883
1975 Nov p	68,450	4	44,939	58,906	—	38,850

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	1,998	106	570	185	5,646	177	5,823
2nd quarter	370	824	61	119	828	1,738	104	525	162	4,731	169	4,900
3rd quarter	294	802	67	106	829	1,670	98	453	146	4,465	163	4,628

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	65,736	72,185	39,200
1970	197,751	12,004	67,573	77,038	41,136
1971	203,433	10,837	69,337	80,674	42,585
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 p	66,100	3,105	18,644	30,427	13,924
2nd quarter p	50,413	2,734	17,237	19,880	10,562
3rd quarter p	42,121	2,409	16,213	14,263	9,236

## Petroleum

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

Thousand tons

	Through-put 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 oil	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-Nov	100,425	6,251	93,067	1,433	253	231	13,080	136	6,295	17	25,018	36,055	1,299	1,963
1975 Jan-Nov p	84,071	5,400	77,846	1,284	134	232	12,524	87	5,601	14	20,892	29,441	1,059	1,925
Per cent change	-16.3	-13.6	-16.4	-10.4	-46.8	+0.1	-4.3	-36.3	-11.0	-16.5	-16.5	-18.3	-18.4	-2.0
1974 Nov	9,077	545	8,430	132	15	33	1,250	5	544	-	2,363	3,260	119	153
1975 Nov p	7,002	463	6,448	94	14	21	951	8	418	-	1,809	2,355	98	170
Per cent change	-22.9	-15.0	-23.5	-28.6	-2.6	-37.1	-23.9	+47.1	-23.2	-	-23.4	-27.8	-17.6	+11.3

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)

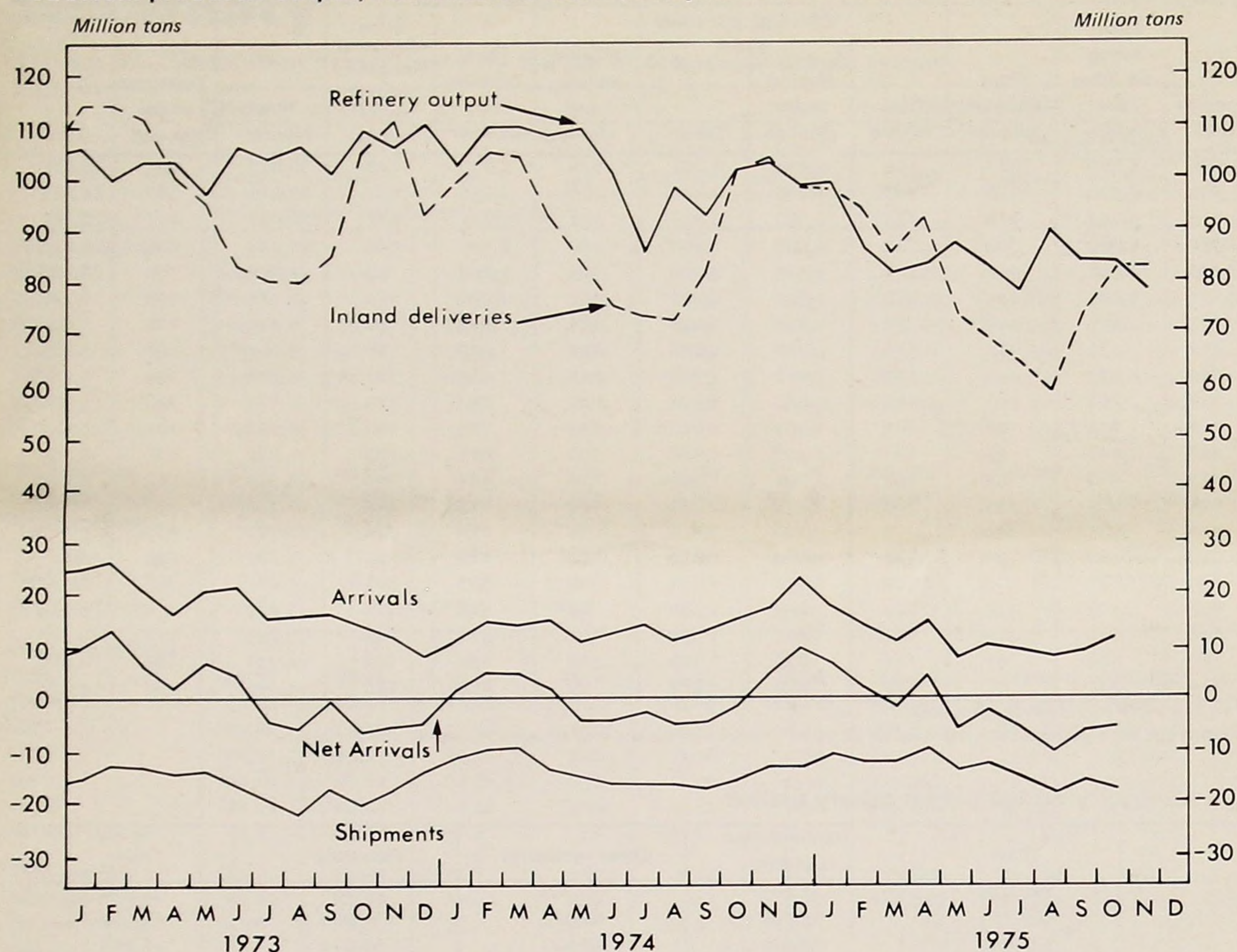


TABLE 16. Deliveries of petroleum products for inland consumption<sup>(1)</sup>

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-Nov	83,102	107	14,931	186	3,381	2,432	25	5,006	12,029	32,946	949	2,083	82
1975 Jan-Nov p	72,654	77	14,554	192	3,501	2,254	16	4,897	11,434	26,982	894	1,906	59
Per cent change	-12.6	-27.3	-2.5	+3.3	+3.5	-7.3	-35.4	-2.2	-5.0	-18.1	-5.8	-8.5	-27.8
1974 Nov	8,527	7	1,386	15	276	325	1	494	1,475	3,644	90	161	6
1975 Nov p	6,884	4	1,233	22	270	260	1	457	1,255	2,625	81	150	6
Per cent change	-19.3	-42.7	-11.1	+50.5	-2.1	-20.0	-32.0	-7.5	-14.9	-28.0	-10.3	-6.7	-2.7

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 Oct	25.6	91	0.83
Nov	24.8	91	0.83
Dec	24.8	96	0.82
1975 Oct	21.8	88	0.92
Nov	21.4	89	0.95
Dec	21.6	89	1.00

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.

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