

## DEPARTMENT OF ENERGY

## ENERGY

## TRENDS

## A Statistical Bulletin

January 1975

## More miners in 1974

## Total energy

## Lower energy use continues in November

Inland energy consumption in November on a primary fuel input basis was about 3 per cent lower than in November 1973. Seasonally adjusted and temperature corrected, consumption was over 3½ per cent lower, with coal down by 10 per cent and oil by about 5 per cent. As in previous months, however, the decline in coal and petroleum consumption has been partly offset by an increase in natural gas.

The energy consumption series have been recalculated to reflect revised seasonal adjustment factors and a change in the factor used to express natural gas in terms of coal equivalent. (Originally natural gas was used predominantly in the domestic market and was converted to coal equivalent at 280 therms per ton, the rate appropriate to domestic coal. The use of natural gas has since become widespread, and to reflect this, the conversion factor is now 255 therms per ton.)

The revised series is illustrated in the new graph on Page 2. This graph shows that, after the abnormally low consumption of energy due to the exceptional circumstances of the first 3 months of 1974, total inland consumption during recent months has been fairly constantly 2 to 3 per cent below the level of 1973.

Provisional figures for the 3rd quarter of 1974 of energy consumption measured on a heat supplied basis (i.e. after deducting conversion and distribution losses) indicate that overall consumption by final users was of much the same size as during the comparable period of last year. Total consumption in the domestic sector increased by 10 per cent, a reflection of the substantially lower average temperature during the quarter, and in particular, the very cold weather of September. Of the other sectors, consumption in the iron and steel industry declined by 11 per cent and in transport by 3 per cent, but there were small increases in other sectors.

## Coal

## Manpower increased during 1974

At the end of December there were 246 thousand men on colliery books, a net increase of more than one thousand men during the year. This is the first time since 1957 (when 704 thousand men were employed) that there has been an increase in colliery manpower during a year.

The difference between coal output in the closing months of 1974 and the comparable months of a year earlier is widening mainly because of the miners' overtime ban which operated from mid-November 1973. Many of the comparative statistics relating to coal production and consumption are affected in varying degrees by this abnormality.

Provisional figures for December indicate that coal consumption was well down on December 1973 particularly at power stations where, helped by the abnormally warm weather, coal stocks fell only marginally during the month. Under average temperature conditions, a substantial fall in stocks would be expected at this time of year.

## Gas

## High sales continue

Total gas sales in the 3rd quarter were 23 per cent higher than in the comparable period of 1973. Supplies to domestic consumers were much influenced by the weather and rose by 24 per cent, a far higher rate of increase than in earlier quarters this year. Sales to industrial consumers were up by 26 per cent.

## Electricity

## Supply slightly higher

Total electricity supplied in November was about 2 per cent higher than last year, but when allowance is made for the cooler conditions prevailing the increase was probably of the order of ½ to 1 per cent. Fuel used for generation followed the pattern of October with proportionately more oil and less coal being used than a year ago.

Total sales of electricity in the 3rd quarter increased by 1½ per cent compared with the 3rd quarter of 1973. Domestic sector sales influenced by the cold weather rose by nearly 6 per cent whilst other sectors each declined slightly.

## Petroleum

## Stocks steady

Refinery output of finished products in November was about 3 per cent below November last year. Recent figures indicate that a higher proportion of light products is being produced, this in general reflecting the pattern of demand.

Total deliveries of products into consumption during the month were about 6½ per cent below those of a year ago. The figures for the year to date show a fall of 7½ per cent.

Oil stocks held by companies did not change significantly during December.

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

There may be differences between the sum of constituent items and totals due to rounding. 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

Definitions of the terms used in these tables may be found in *United Kingdom Energy Statistics, 1973*.

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
- p provisional

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
	Unadjusted						Seasonally adjusted (annual rate)					
1973 Jan-Nov	310.6	118.1	143.8	38.1	8.9	1.7	349.5	132.9	161.9	42.8	9.9	2.0
1974 Jan-Nov p	295.0	103.4	132.6	46.6	10.7	1.7	332.4	116.7	149.3	52.5	12.0	1.9
Per cent change	–5.0	–12.4	–7.8	+22.3	+20.4	+0.2	–4.9	–12.2	–7.8	+22.7	+21.3	–3.0
1973 Nov	31.6	11.9	14.0	4.7	0.8	0.2	360.7	141.8	159.8	47.4	10.2	1.5
1974 Nov p	30.5	10.9	13.1	5.3	1.0	0.2	347.3	127.4	151.5	54.1	12.5	1.8
Per cent change	–3.1	–8.1	–6.3	+14.6	+22.5	+10.4	–3.7	–10.2	–5.2	+14.1	+23.0	+17.3

1 Also temperature corrected.

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

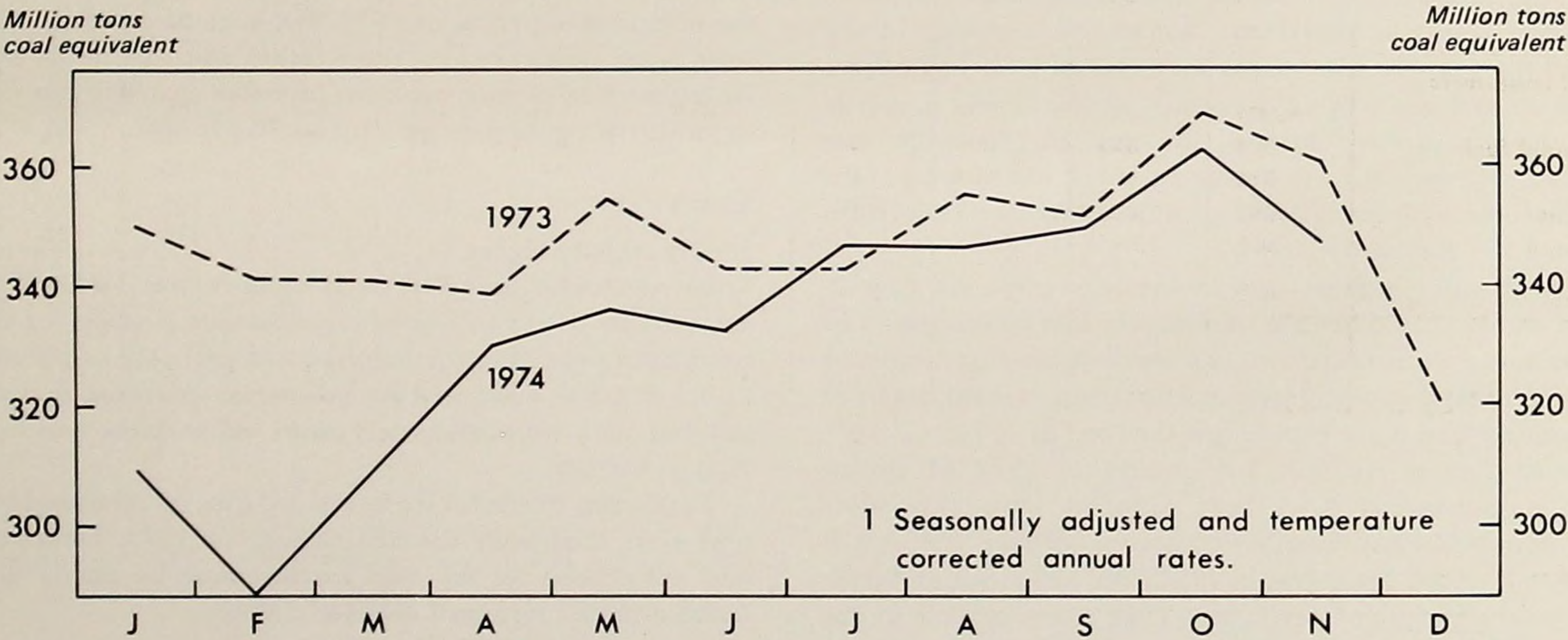


TABLE 2. Inland energy consumption: heat supplied basis Million therms

	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
1969	81,363	24,595	56,768	12,883	6,409	641	25,628	4,962	6,245
1970	83,481	25,528	57,953	11,839	6,008	621	27,198	5,720	6,567
1971	82,521	25,519	57,002	9,867	4,949	542	27,617	7,270	6,757
1972	83,847	25,807	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
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	21,998	6,403	15,595	1,489	911	92	7,352	3,751	2,000
2nd quarter p	19,707	5,743	13,964	2,035	1,135	136	6,447	2,536	1,675
3rd quarter p	17,832	5,375	12,457	1,785	1,124	123	5,925	1,995	1,505

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

	1970	1971	1972	1973	1973				1974		
					1st quarter	2nd quarter	3rd quarter	4th quarter	1st quarter p	2nd quarter p	3rd quarter p
<b>Iron and steel industry</b>											
Coal	210	154	93	100	31	18	15	36	23	34	16
Other solid fuel	3,485	3,049	2,899	3,081	810	755	753	763	543	702	704
Other coal-derived fuels <sup>1</sup>	553	490	459	523	133	136	133	121	81	105	98
Gas <sup>2</sup>	244	343	437	396	104	98	87	107	110	102	86
Electricity	373	340	335	362	92	92	86	92	81	87	84
Petroleum	2,328	2,185	2,089	2,066	586	505	434	541	489	366	349
<b>Total</b>	<b>7,193</b>	<b>6,561</b>	<b>6,312</b>	<b>6,528</b>	<b>1,756</b>	<b>1,604</b>	<b>1,508</b>	<b>1,660</b>	<b>1,327</b>	<b>1,396</b>	<b>1,337</b>
<b>Other industries</b>											
Coal	4,824	3,908	2,954	3,056	833	718	635	870	509	788	722
Other solid fuel	375	267	229	245	63	64	49	69	51	68	46
Other coal-derived fuels <sup>1</sup>	62	52	54	63	14	19	18	12	11	31	25
Gas <sup>2</sup>	1,172	2,131	3,251	4,201	1,056	1,009	944	1,192	1,230	1,148	1,041
Electricity	2,118	2,166	2,162	2,365	622	587	551	605	502	573	554
Petroleum	8,945	8,982	9,294	9,324	2,813	2,091	1,714	2,706	2,498	1,961	1,598
<b>Total</b>	<b>17,496</b>	<b>17,506</b>	<b>17,944</b>	<b>19,254</b>	<b>5,401</b>	<b>4,488</b>	<b>3,911</b>	<b>5,454</b>	<b>4,801</b>	<b>4,569</b>	<b>3,986</b>
<b>Domestic sector</b>											
Coal	5,654	4,829	4,209	4,194	1,248	1,057	891	998	761	1,067	918
Other solid fuel	1,483	1,307	1,188	1,134	276	275	263	320	249	290	303
Gas <sup>2</sup>	3,542	3,930	4,509	4,815	1,740	953	561	1,561	1,978	1,010	695
Electricity	2,629	2,754	2,966	3,114	1,024	687	508	895	1,032	670	537
Petroleum	1,335	1,321	1,523	1,668	612	320	182	554	521	279	189
<b>Total</b>	<b>14,643</b>	<b>14,141</b>	<b>14,395</b>	<b>14,925</b>	<b>4,900</b>	<b>3,292</b>	<b>2,405</b>	<b>4,328</b>	<b>4,541</b>	<b>3,316</b>	<b>2,642</b>
<b>Transport sector</b>											
Coal	70	52	30	27	10	6	3	8	7	5	4
Other solid fuel	14	5	2	—	—	—	—	—	—	—	—
Other coal-derived fuels <sup>1</sup>	6	—	—	—	—	—	—	—	—	—	—
Electricity	94	94	91	89	23	22	22	22	24	25	25
Petroleum	11,002	11,483	11,962	12,760	2,973	3,265	3,399	3,123	2,749	3,128	3,292
<b>Total</b>	<b>11,186</b>	<b>11,634</b>	<b>12,085</b>	<b>12,876</b>	<b>3,006</b>	<b>3,293</b>	<b>3,424</b>	<b>3,153</b>	<b>2,780</b>	<b>3,158</b>	<b>3,321</b>
<b>Other final consumers</b>											
Coal	1,081	924	799	687	214	151	101	221	189	141	125
Other solid fuel	651	321	294	283	72	63	69	79	68	75	71
Gas <sup>2</sup>	762	866	996	1,083	357	231	153	342	433	276	173
Electricity	1,353	1,403	1,449	1,562	454	344	304	460	361	320	305
Petroleum	3,588	3,646	3,766	3,805	1,326	808	527	1,144	1,095	713	497
<b>Total</b>	<b>7,435</b>	<b>7,160</b>	<b>7,304</b>	<b>7,420</b>	<b>2,423</b>	<b>1,597</b>	<b>1,154</b>	<b>2,246</b>	<b>2,146</b>	<b>1,525</b>	<b>1,171</b>
<b>Total final consumption</b>	<b>57,953</b>	<b>57,002</b>	<b>58,040</b>	<b>61,003</b>	<b>17,486</b>	<b>14,274</b>	<b>12,402</b>	<b>16,841</b>	<b>15,595</b>	<b>13,964</b>	<b>12,457</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			
	Primary fuels					Secondary fuels				Coal	Petroleum		Natural gas
	Coal	Crude <sup>2</sup> petroleum	Natural gas	Electricity generated <sup>1</sup>		Solid fuels	Refined petroleum <sup>4</sup>	Gas available	Electricity generated		Crude	Refined	
				Nuclear <sup>3</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	147.0	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	108.3	..	..	..	..	17.2	..	..	..	..	..	..	..
1973 Sept	12.4	0.02	656	2.4	0.3	1.9	8.5	791	21.4	-0.2	9.3	-0.1	31
Oct	10.7	0.03	1,023	1.8	0.2	1.5	9.6	948	21.6	-0.1	11.4	-0.5	19
Nov	9.3	0.04	1,160	2.2	0.3	1.4	9.0	1,120	23.6	-	8.5	-0.5	31
1974 Sept p	11.9	0.03	847	2.7	0.3	1.8	7.9	973	22.0	0.1	8.5	-0.4	19
Oct p	10.6	0.04	1,256	2.5	0.2	1.5	8.9	1,132	21.9	0.3	9.3	-0.1	19
Nov p	10.8	0.04	1,346	2.7	0.3	1.5	8.7	1,266	24.0	0.1	..	..	19
Dec p	11.8	..	..	..	..	1.8	..	..	..	..	..	..	..

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

4 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	4,019	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>	..	108,348		98,262	9,119	..		
1973 Dec <sup>3</sup>	8,443	8,220	8,715	7,298	702	223	1,570	3,326
1974 Dec p	..	11,814	12,585	10,674	883	..	1,892	35
Per cent change		+43.7	+44.4	+46.3	+25.8	..	+20.5	(—)

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	..	..	45.01	..	17,402	37,961
1974 p <sup>3</sup>	246	194	..	..	..	42.75	..	26,395	25,129
1973 Dec	245	193	..	..	..	37.30	..	1,060	3,235
1974 Dec p	246	194	16.9	4.4	12.5	45.78	158.42	1,690	1,798

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

Coal: production and consumption (seasonally adjusted annual rates)

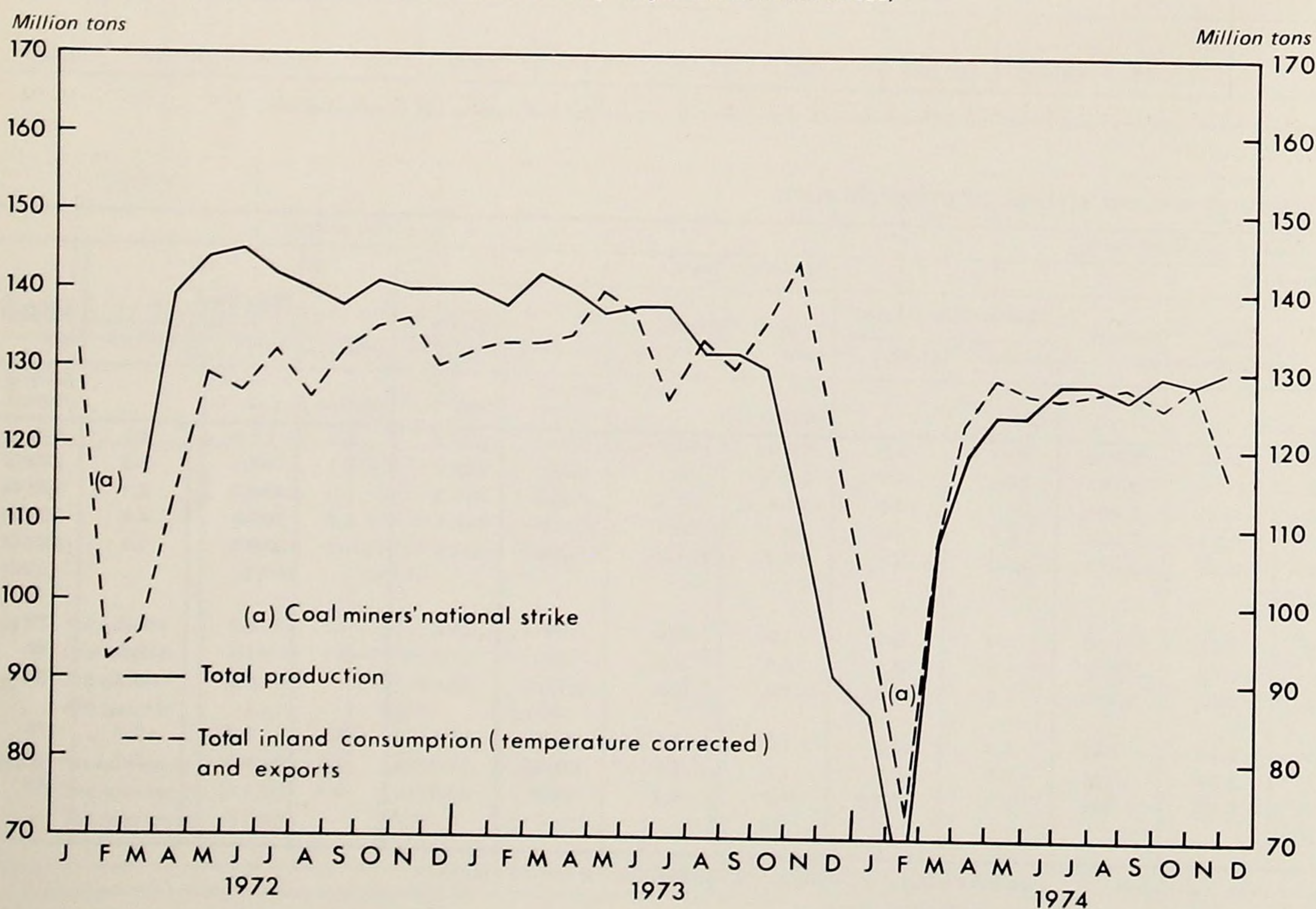




TABLE 7. Consumption of coal

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	133,955	2,667	131,288	1,359	75,628	504	21,543	3,550	11,890	12,519	1,755	2,540
1974 p	116,876	1,564	115,312	1,236	65,759	113	18,239	3,558	10,758	11,766	1,544	2,339
1973 Dec	13,398	216	13,182	114	8,504	38	1,589	278	1,134	1,134	107	284
1974 Dec p	12,060	192	11,868	128	7,007	2	1,905	202	1,027	1,222	155	220
Per cent change	-10.0	-11.1	-10.0	+12.3	-17.6	(-)	+19.9	-27.3	-9.4	+7.8	+44.9	-22.5

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	27,486	16,766	14,537	27	1,937	265	10,720	3,150	7,570
1974 Nov p	21,667	15,609	13,553	3	1,793	260	6,058	2,051	4,007
Dec p	21,341	15,456	13,414	3	1,804	235	5,885	1,939	3,946
Absolute change	-326	-153	-139	-	+11	-25	-173	-112	-61

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
1973 Jan-Nov	9,356	9,120	236	465	1,558	9,998	2,150	7,848
1974 Jan-Nov p	11,521	11,314	207	103	918	11,838	1,453	10,385
Per cent change	+23.1	+24.1	-12.5	-77.9	-41.1	+18.4	-32.4	+32.3
1973 Nov	1,056	1,028	28	35	146	1,119	206	913
1974 Nov p	1,248	1,234	14	1	70	1,264	122	1,142
Per cent change	+18.2	+20.0	-50.2	(-)	-52.1	+13.0	-40.5	+25.0

TABLE 10. Sales of gas by the public supply system

	Total	Iron and steel industry	<sup>1</sup> Other industries	Domestic	Other
	Million therms				
1969	5,000	174	911	3,211	704
1970	5,780	244	1,232	3,542	762
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
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

<sup>1</sup> 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
1973 Jan-Nov	102.13	67.07	25.42	0.77	7.39	1.43	230,674	21,232	205,027	214,214	217,969
1974 Jan-Nov p	97.90	58.97	24.76	3.45	9.20	1.45	221,516	26,330	190,871	205,355	209,045
Per cent change	-4.1	-12.1	-2.6	(+)	+24.5	+2.0	-4.0	+24.0	-6.9	-4.1	-4.1
1973 Nov	10.32	7.20	2.24	0.09	0.66	0.13	23,103	1,904	20,771	21,490	21,786
1974 Nov p	10.49	6.37	2.91	0.20	0.86	0.15	23,605	2,443	20,702	21,958	22,276
Per cent change	+1.6	-11.6	+30.1	(+)	+30.5	+15.3	+2.2	+28.3	-0.3	+2.2	+2.2
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
1973 Jan-Nov	88.73	59.62	21.46	0.77	6.71	0.12	201,120	19,259	180,473	186,627	189,725
1974 Jan-Nov p	85.28	52.46	20.77	3.45	8.44	0.10	193,865	24,124	168,453	179,555	181,853
Per cent change	-3.9	-12.0	-3.2	(+)	+25.7	-18.5	-3.6	+25.3	-6.7	-3.8	-4.1
1973 Nov	8.93	6.38	1.85	0.09	0.59	0.01	20,039	1,712	18,175	18,608	18,849
1974 Nov p	9.06	5.59	2.47	0.20	0.79	0.01	20,420	2,235	18,048	18,985	19,321
Per cent change	+1.6	-12.4	+33.4	(+)	+33.2	+33.3	+1.9	+30.5	-0.7	+2.0	+2.5

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
1973 Nov	66,439	3	45,250	57,132	—	38,857
1974 Nov p	68,870	4	46,452	59,202	—	39,883

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
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 p	675	771	160	79	1,223	2,314	139	728	212	6,301	173	6,474
2nd quarter p	505	785	70	121	1,075	1,903	128	649	164	5,400	159	5,559
3rd quarter p	464	777	70	104	1,030	1,711	99	575	150	4,980	150	5,130

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	225,110	11,646	75,298	91,232	46,934
1973 1st quarter	66,578	2,975	19,790	30,011	13,802
2nd quarter	52,481	2,944	18,738	20,141	10,658
3rd quarter	44,489	2,747	17,563	14,875	9,304
4th quarter	61,562	2,980	19,207	26,205	13,170
1974 1st quarter p	59,444	2,668	15,708	30,239	10,829
2nd quarter p	50,319	2,871	18,097	19,624	9,727
3rd quarter p	45,204	2,727	17,468	15,721	9,288

# Petroleum

TABLE 15. Refinery throughput and output of finished petroleum products

Thousand tons

	Throughput of crude and process oils	Refinery fuel	Total output of finished products <sup>1</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>2</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
1973 Jan-Nov	102,481	6,331	94,961	1,482	352	361	13,406	139	6,447	34	24,848	37,726	1,306	2,038
1974 Jan-Nov p	100,425	6,251	93,067	1,433	253	231	13,080	136	6,295	17	25,018	36,055	1,299	1,963
Per cent change	-2.0	-1.3	-2.0	-3.3	-28.1	-35.8	-2.4	-1.7	-2.3	-51.3	+0.7	-4.4	-0.5	-3.7
1973 Nov	9,383	612	8,692	156	32	24	1,108	14	542	1	2,363	3,416	130	173
1974 Nov p	9,077	545	8,430	132	15	33	1,250	5	544	-	2,363	3,260	119	153
Per cent change	-3.3	-11.0	-3.0	-15.2	-53.7	+38.6	+12.9	-60.6	+0.4	(-)	0.0	-4.5	-8.6	-11.5

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

2 Including aviation turbine fuel.



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

Million tons

Million tons

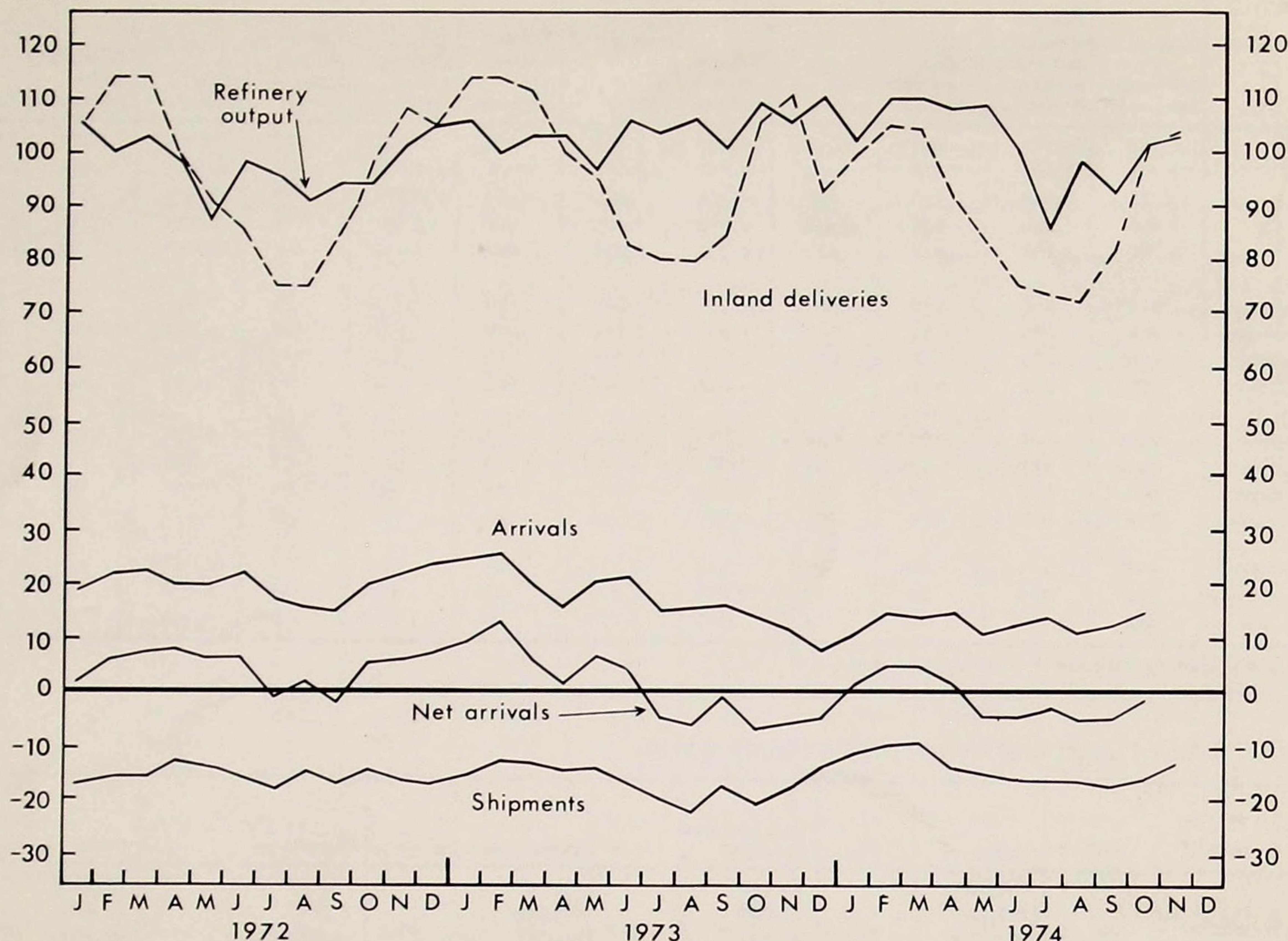


TABLE 16. Deliveries of petroleum products for inland consumption

Thousand tons

	Total <sup>1, 2</sup>	Aviation spirit and aviation wide-cut gasoline	Motor spirit	Industrial and white spirits	Kerosene			Gas/diesel oil		Fuel oil <sup>2</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
1973 Jan-Nov	89,806	129	15,544	213	3,901	2,786	33	5,148	13,506	35,509	1,085	2,288	68
1974 Jan-Nov p	83,157	107	14,933	196	3,382	2,430	25	5,008	12,018	32,883	948	2,083	83
Per cent change	-7.4	-17.1	-3.9	-7.9	-13.3	-12.8	-23.9	-2.7	-11.0	-7.4	-12.6	-9.0	+22.3
1973 Nov	9,134	9	1,414	22	295	378	3	522	1,570	3,719	108	204	7
1974 Nov p	8,532	7	1,386	20	277	323	1	496	1,458	3,580	90	161	7
Per cent change	-6.6	-27.5	-2.0	-7.7	-6.0	-14.8	-44.8	-5.0	-7.1	-3.7	-17.1	-21.2	+3.0

1 Including products not shown separately. 2 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 Jan	18.9	56	0.80
Feb	19.2	62	0.73
Mar	19.9	75	0.83
Apr	21.7	88	0.86
May	23.1	101	0.83
Jun	24.9	108	0.80
Jul	24.6	101	0.78
Aug	25.4	93	0.82
Sep	25.8	88	0.81
Oct	25.2	87	0.83
Nov	24.3	82	0.83
Dec p	24.5	81	0.83

- 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 With effect from March estimated days' supply has been based on forecast demand for the ensuing months taking into account seasonal factors.