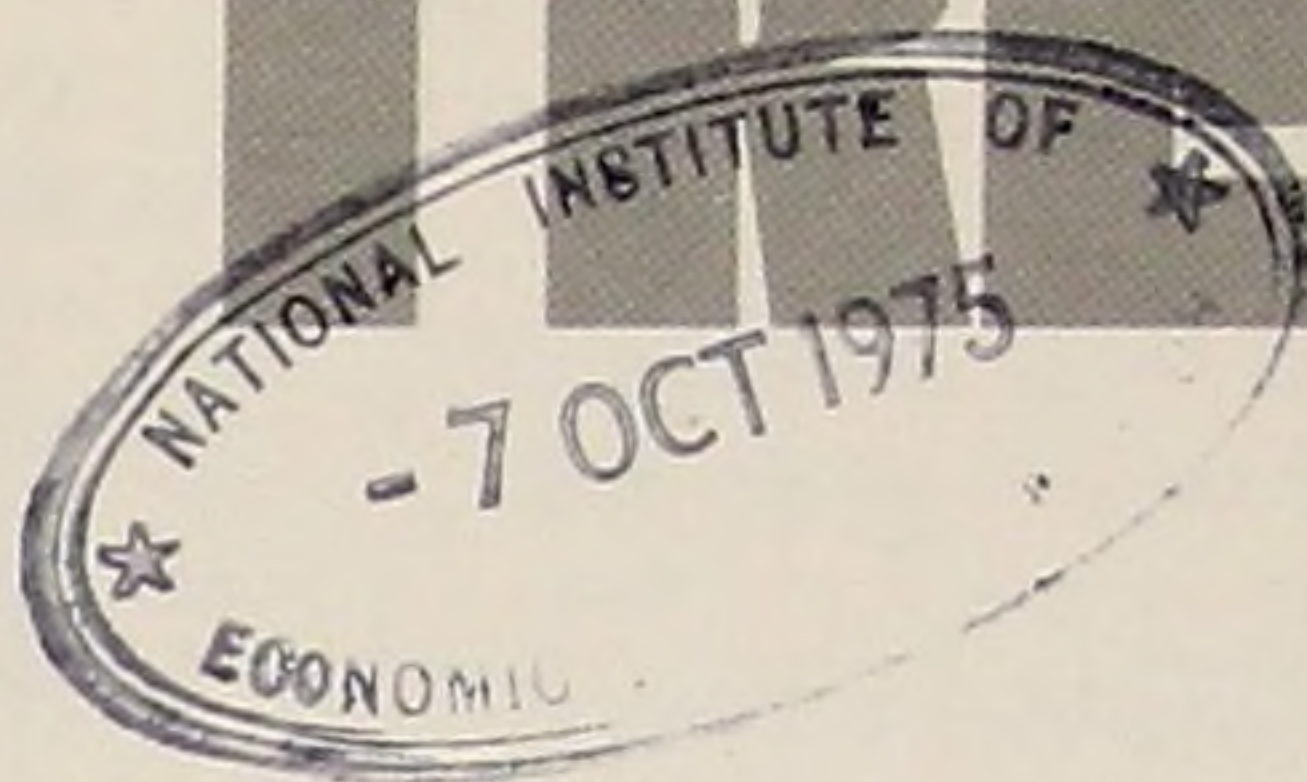


DEPARTMENT OF ENERGY

ENERGY TRENDS

A Statistical Bulletin

September 1975



Big drop in crude oil imports

Total energy

Natural gas growth checked

Inland energy consumption in July was nearly 11 per cent lower in total than in the corresponding period of last year with the largest components of total energy, coal and petroleum, both down by the same margin. The decline in natural gas was less than that for other fuels but it was the first significant fall in supplies since this fuel was introduced.

After adjustment for seasonality and temperature differences the fall in consumption is rather less, with total consumption at an annual rate remaining very close to the level of the two preceding months (as is shown in the first chart overleaf).

Coal

Holidays affect figures

Deep-mined output of coal in August was nearly 15 per cent lower than in the corresponding period of 1974, much of the shortfall being attributed to the substantially greater holiday losses. Opencast production was also markedly lower and total output in the month was a million tons less than a year ago.

Output per man-shift in August declined further from recent low levels and was about 8 per cent lower than in August last year. The comparison is however significantly affected by the longer holidays this year. Colliery manpower increased by over 400 men during the month due mainly to the recruitment of school leavers.

Total inland coal consumption in August was more than 11 per cent down on August 1974 with deliveries to the industrial and domestic markets a third lower. Coal stocks at power stations rose by a further quarter million tons while coke-oven stocks followed the usual pattern of seasonal decline in that sector.

Gas

Lower level of demand

Total gas sent out in July was more than 8 per cent lower than in July last year. The reduced demand is probably a reflection of the low level of industrial activity combined with the warmer weather this year which will have reduced demand by domestic consumers.

Electricity

Demand down

Total electricity supplied in July was about 6½ per cent lower than in July 1974, with about half of the reduction being due to a low level of demand from industrial consumers. The remainder of the shortfall is probably due to a combination of the effects of the large increase in electricity prices in April and the warm weather.

Petroleum

Crude oil imports a fifth down

Imports of crude oil (net of exports) in the first half of the year totalled 45 million tons, about 13 million tons less than in the first half of 1974. Supplies of North Sea crude continue to grow, though they are still only a very small fraction of our total supplies.

Total output of finished products in July was over 9 per cent lower than a year ago, but motor spirit picked up slightly and butane and propane output increased by nearly 8 per cent. Inland deliveries of petroleum products were again substantially below those of a year ago in total but transport fuels continued to be least affected by the general decline.

Stocks of oil held by companies rose by half a million tons but estimated endurance levels declined steeply in anticipation of higher seasonal demand in the months ahead.

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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.

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 ¹	Coal ¹	Petroleum ¹	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–July	186.6	63.4	84.8	30.1	7.1	1.2	321.9	110.6	147.2	50.3	11.9	1.9
1975 Jan–July p	188.1	70.7	78.6	31.5	6.2	1.1	323.5	122.4	136.5	52.7	10.2	1.7
Per cent change	+0.8	+11.5	–7.3	+4.8	–13.2	–6.4	+0.5	+10.7	–7.3	+4.8	–14.3	–10.5
1974 July	21.5	8.4	9.2	3.0	0.8	0.1	345.8	124.7	151.7	55.5	12.5	1.4
1975 July p	19.1	7.4	8.3	2.7	0.6	0.1	317.1	116.4	137.6	52.2	9.7	1.2
Per cent change	–10.7	–10.6	–10.7	–7.5	–23.7	–10.5	–8.3	–6.7	–9.3	–6.0	–22.4	–14.3

¹ Also temperature corrected.

Energy: Total inland consumption (primary fuel input basis)¹

Million tons coal equivalent

Million tons coal equivalent

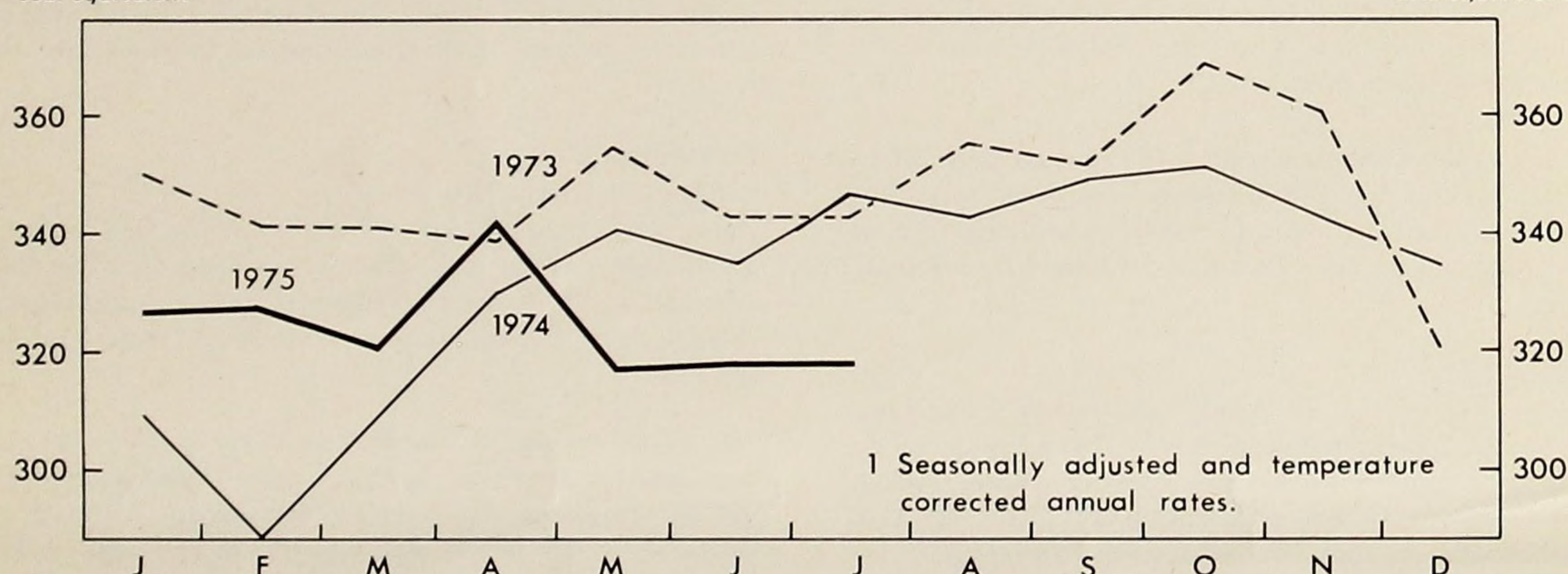


TABLE 2. Inland energy consumption: heat supplied basis

Million therms

	Total primary energy	Used by fuel industries and losses in distribution	Final consumption						
			Total	Coal	Other solid fuels	Other coal-derived fuels ¹	Petroleum	Gas ²	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	26,738	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	23,286	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	1973				1974				1975 p
			1st quarter	2nd quarter	3rd quarter	4th quarter	1st quarter	2nd quarter	3rd quarter	4th quarter	1st quarter p
Iron and steel industry											
Coal	100	99	31	18	15	36	23	34	16	26	25
Other solid fuel	3,133	2,620	828	769	767	769	564	691	710	655	722
Other coal-derived fuels ¹	523	374	133	136	133	121	79	104	96	95	116
Gas ²	396	395	104	98	87	107	110	102	86	97	98
Electricity	357	345	91	91	85	90	81	87	84	93	94
Petroleum	2,066	1,648	586	505	434	541	484	366	347	451	450
Total	6,575	5,481	1,773	1,617	1,521	1,664	1,341	1,384	1,339	1,417	1,505
Other industries											
Coal	3,056	2,795	833	718	635	870	514	802	733	746	684
Other solid fuel	255	228	72	65	48	70	52	61	52	63	51
Other coal-derived fuels ¹	63	63	14	19	18	12	10	18	18	17	22
Gas ²	4,201	4,692	1,056	1,009	944	1,192	1,230	1,148	1,041	1,273	1,284
Electricity	2,375	2,244	625	589	553	608	503	572	551	618	589
Petroleum	9,324	8,433	2,813	2,091	1,714	2,706	2,470	1,942	1,619	2,402	2,141
Total	19,274	18,455	5,413	4,491	3,912	5,458	4,779	4,543	4,014	5,119	4,771
Domestic sector											
Coal	4,194	3,932	1,248	1,057	891	998	761	1,067	947	1,157	1,010
Other solid fuel	1,124	1,100	263	280	277	304	233	290	281	296	269
Gas ²	4,815	5,380	1,740	953	561	1,561	1,978	1,010	695	1,697	2,328
Electricity	3,116	3,157	1,025	688	508	895	1,033	670	537	917	1,038
Petroleum	1,668	1,482	612	320	182	554	514	279	188	501	473
Total	14,917	15,051	4,888	3,298	2,419	4,312	4,519	3,316	2,648	4,568	5,118
Transport sector											
Coal	27	24	10	6	3	8	7	5	4	8	7
Other solid fuel	—	—	—	—	—	—	—	—	—	—	—
Other coal-derived fuels ¹	—	—	—	—	—	—	—	—	—	—	—
Electricity	89	92	23	22	22	22	21	23	23	25	27
Petroleum	12,760	12,295	2,973	3,265	3,399	3,123	2,744	3,126	3,289	3,136	2,771
Total	12,876	12,411	3,006	3,293	3,424	3,153	2,772	3,154	3,316	3,169	2,805
Other final consumers											
Coal	687	669	214	151	101	221	189	142	125	213	136
Other solid fuel	330	373	84	73	80	93	87	97	91	98	64
Gas ²	1,083	1,269	357	231	153	342	433	276	173	387	472
Electricity	1,565	1,444	454	344	304	463	361	321	305	457	461
Petroleum	3,805	3,335	1,326	808	527	1,144	1,092	708	493	1,042	1,081
Total	7,470	7,090	2,435	1,607	1,165	2,263	2,162	1,544	1,187	2,197	2,214
Total final consumption	61,112	58,488	17,515	14,306	12,441	16,850	15,573	13,941	12,504	16,470	16,413

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 ¹			
	Primary fuels					Secondary fuels				Coal	Petroleum		Natural gas
	Coal	Crude ^{1 3} petroleum	Natural gas	Electricity generated ²		Solid fuels	Refined petroleum ⁵	Gas available	Electricity generated		Crude & process oils	Refined	
				Nuclear ⁴	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 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
Jun*	11.5	0.03	786	2.8	0.2	1.8	8.5	928	20.1	0.2	9.2	-0.4	12
Jul				2.2	0.1			693	15.6				31
1975 Apr	10.3	0.04	1,205	2.5	0.2	1.4	7.1	1,169	20.6	0.3	7.5	0.4	19
May p	10.7	0.03	1,020	1.9	0.2	1.3	7.6	970	18.1	0.4	7.5	-0.5	19
Jun* p	10.8	0.06	757	2.2	0.1	1.6	7.1	923	19.4	0.2	7.9	-0.2	25
July p	8.7	0.09	691	1.7	0.1	1.4	6.8	637	14.6	0.3	..	..	12
Aug p	6.5	0.11	..	..	..	1.4	..	..	..	..	..	..	..

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) ¹	
		Total ²		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 ³	131,599	129,950		118,656	9,454	1,649	10,313	5,569
1974 p ³	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—Aug ³	65,422	63,224		57,178	5,745	2,228	7,619	15,798
1975 Jan—Aug p	..	80,919		74,174	6,481	..	9,491	237
Per cent change	..	+28.0		+29.7	+12.8	..	+24.6	(−)
1974 Aug	7,856	7,565	9,876	6,660	752	291	2,753	11
1975 Aug p	..	6,544	9,608	5,687	667	..	3,578	14
Per cent change	..	−13.5	−2.7	−14.6	−11.3	..	+30.0	+27.3

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 ¹		Absence percentage			Average output per manshift ²		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 ³	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 Aug	246	193	14.5	3.8	10.7	42.62	157.41	3,306	2,067
1975 Aug p	248	196	14.5	3.3	11.2	39.37	147.56	2,111	1,678

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

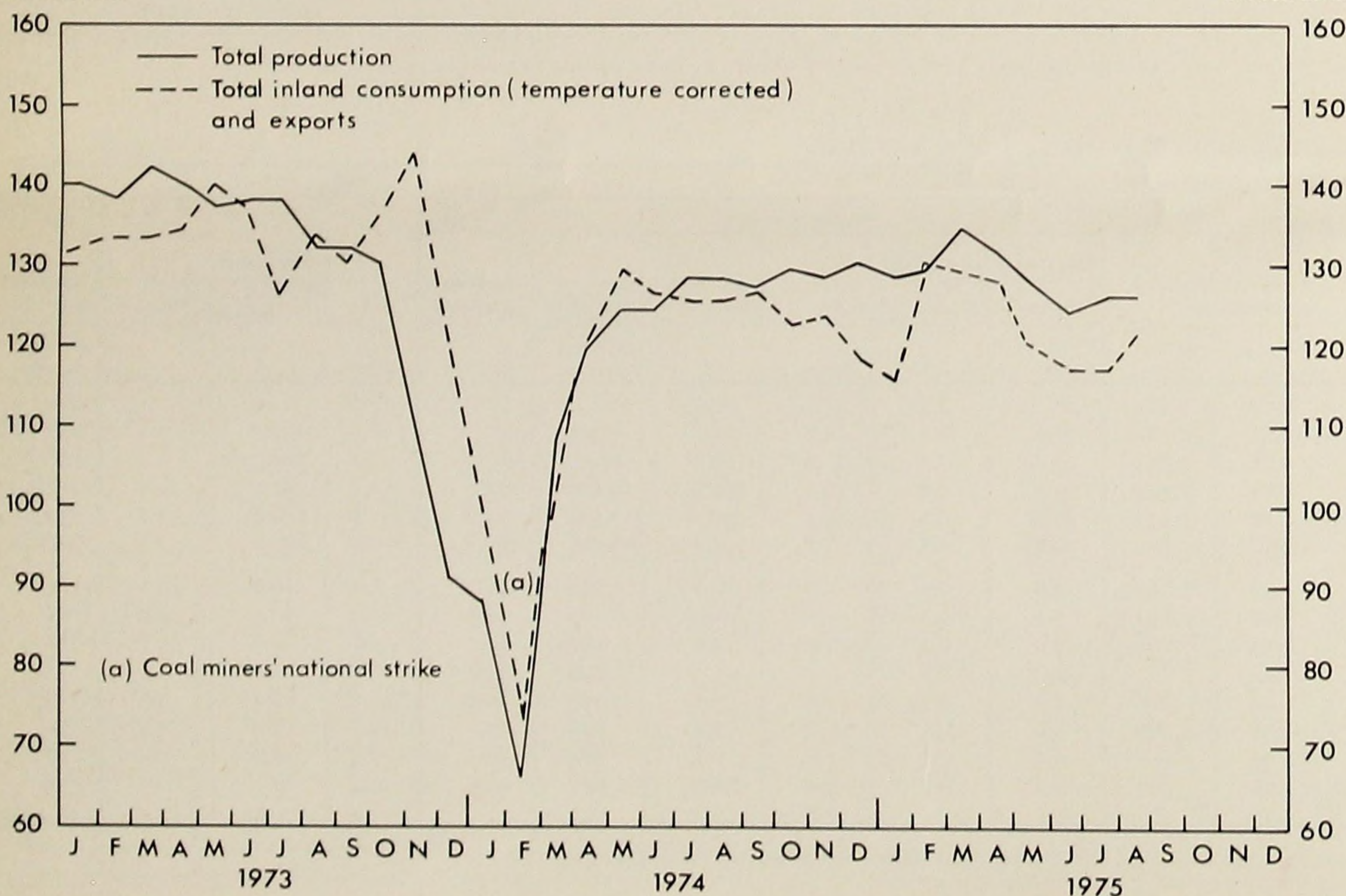


TABLE 7. Consumption of coal

Thousand tons

	Total	Overseas shipments	Inland consumption						Colliery disposals			
			Total inland consumption	Collieries	Power stations ¹	Gas works	Coke ovens	Other conversion industries	Industry ²	House coal ^{3,4}	Anthracite and dry steam coal ³	Miscellaneous ⁵
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-Aug	71,788	795	70,993	796	40,302	99	11,334	2,122	6,822	7,262	780	1,476
1975 Jan-Aug p	78,718	1,293	77,425	793	46,477	7	12,675	2,460	6,129	6,690	1,049	1,145
Per cent change	+9.7	+62.6	+9.1	-0.4	+15.3	(-)	+11.8	+15.9	-10.2	-7.9	+34.5	-22.4
1974 Aug	7,693	127	7,566	75	3,918	6	1,537	300	798	735	72	125
1975 Aug p	6,754	47	6,707	55	3,937	-	1,329	280	527	458	48	73
Per cent change	-12.2	-63.0	-11.4	-26.7	+0.5	(-)	-13.5	-6.7	-34.0	-37.7	-33.3	-41.6

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 coal¹ 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 Aug	21,101	14,401	12,838	8	1,295	260	6,700	2,567	4,133
1975 July p	26,785	20,186	17,662	1	2,283	240	6,599	1,464	5,135
1975 Aug p	26,874	19,992	17,931	1	1,840	220	6,882	1,528	5,354
Absolute change	+89	-194	+269	-	-443	-20	+283	+64	+219

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-July	7,583	7,443	140	93	699	7,830	1,078	6,752
1975 Jan-July p	7,971	7,801	170	6	400	8,071	562	7,509
Per cent change	+5.1	+4.8	+21.4	(-)	-42.8	+3.1	-47.9	+11.2
1974 July	680	658	22	8	37	693	62	631
1975 July p	641	626	15	-	10	637	25	612
Per cent change	-5.7	-4.7	-33.9	(-)	-73.0	-8.1	-59.9	-3.1

TABLE 10. Sales of gas by the public supply system

	Total	Iron and steel industry	¹ 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 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 ¹	Coal	Oil	Natural gas	Nuclear electricity	Hydro- ² electricity	Total ³	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-July	61.65	36.39	15.57	2.50	6.12	1.03	140,375	17,518	119,912	129,979	132,438
1975 Jan-July p	64.06	42.54	13.24	1.86	5.36	0.99	148,052	15,339	129,787	137,531	139,739
Per cent change	+3.9	+16.9	-15.0	-25.6	-12.3	-4.2	+5.5	-12.4	+8.2	+5.8	+5.5
1974 July	6.73	4.41	1.37	0.25	0.65	0.05	15,212	1,861	13,175	14,046	14,373
1975 July p	6.23	4.26	1.14	0.26	0.51	0.04	14,272	1,456	12,627	13,147	13,376
Per cent change	-7.5	-3.4	-16.6	+3.2	-21.7	-19.6	-6.2	-21.8	-4.2	-6.4	-6.9
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	96.13	58.63	24.00	3.86	9.43	0.16	218,848	26,928	190,428	202,954	205,552
Per cent change	-3.4	-12.7	+1.8	(+)	+26.6	+3.3	-2.8	+25.7	-5.8	-2.9	-3.4
1974 Jan-July	53.64	32.28	13.16	2.50	5.58	0.07	122,758	15,983	106,015	113,609	115,123
1975 Jan-July p	55.68	37.44	11.39	1.86	4.83	0.09	129,294	13,807	114,870	120,307	121,095
Per cent change	+3.8	+16.0	-13.5	-25.6	-13.5	+36.9	+5.3	-13.6	+8.4	+5.9	+5.2
1974 July	5.99	4.01	1.12	0.25	0.60	—	13,585	1,709	11,816	12,558	12,835
1975 July p	5.51	3.79	0.99	0.26	0.45	—	12,601	1,275	11,289	11,688	11,786
Per cent change	-8.1	-5.7	-11.6	+3.2	-25.2	-33.3	-7.2	-25.4	-4.5	-6.9	-8.2

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 ¹		At end of period	New plant brought into commission during period ¹	
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	46,024	58,369	2,882	39,671
1974	69,011	2,098	47,638	59,451	1,734	40,935
1974 July	68,354	—	30,924	59,126	—	27,537
1975 July p	68,456	—	27,953	58,915	—	24,435

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 ¹						
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 ²	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
2nd quarter	370	824	61	119	828	1,658	104	525	162	4,651	169	4,820

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	39,220
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

Petroleum

TABLE 15. Refinery throughput and output of finished petroleum products⁽¹⁾

Thousand tons

	Through-put of crude and process oils	Refinery fuel	Total output of finished products ²	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 ³	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-July	64,764	4,047	60,011	920	181	158	8,221	98	4,055	11	15,993	23,537	816	1,271
1975 Jan-July p	53,714	3,460	49,732	854	86	144	7,997	56	3,579	12	13,141	19,106	663	1,235
Per cent change	-17.1	-14.5	-17.1	-7.2	-52.6	-9.3	-2.7	-42.8	-11.7	+15.2	-17.8	-18.8	-18.7	-2.8
1974 July	7,905	517	7,292	97	13	10	1,143	6	482	-	1,853	2,841	108	167
1975 July p	7,158	468	6,610	105	10	11	1,151	7	478	5	1,745	2,472	87	213
Per cent change	-9.5	-9.4	-9.4	+7.9	-29.5	+10.9	+0.7	+17.7	-1.0	(+)	-5.8	-13.0	-19.5	+27.6

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)

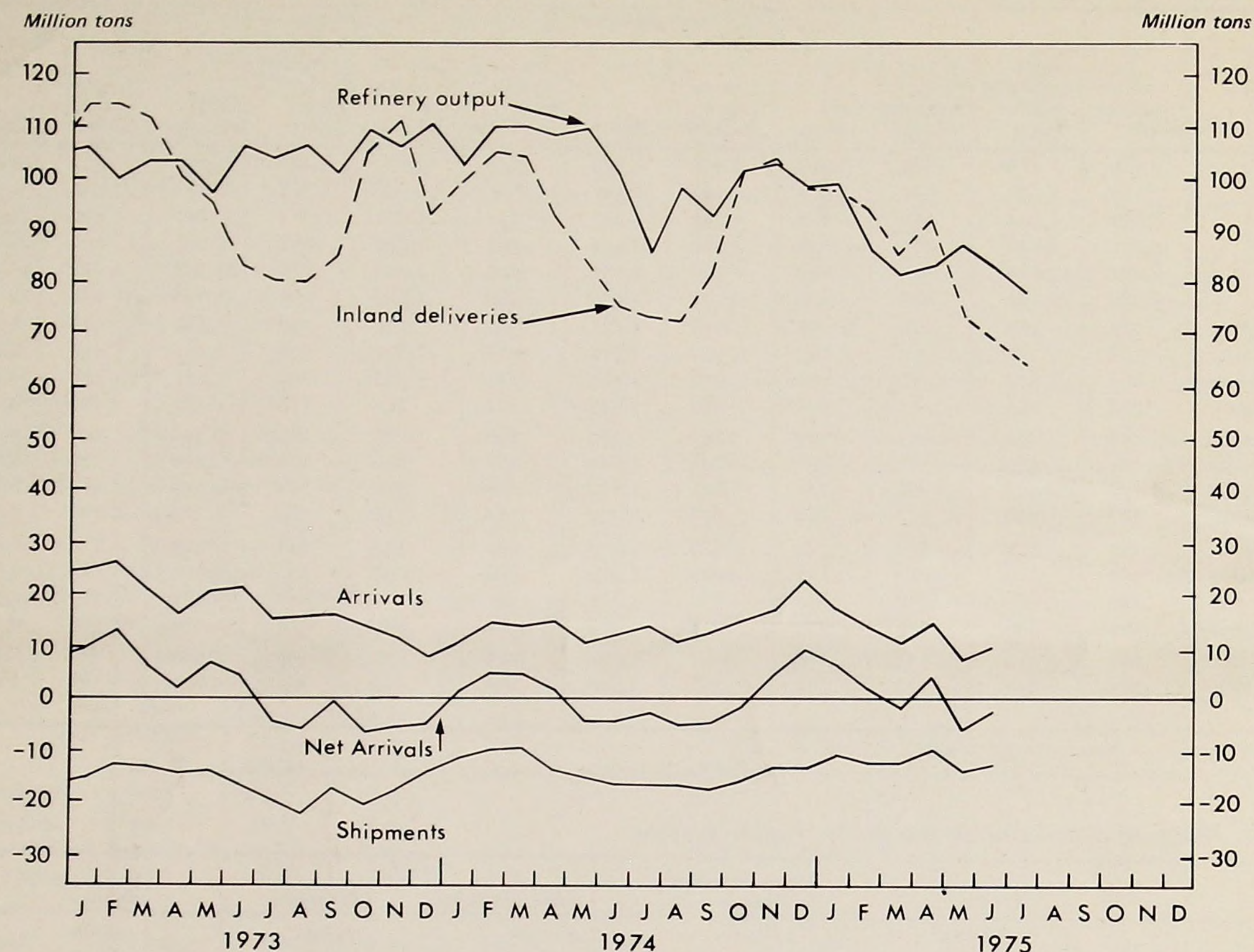


TABLE 16. Deliveries of petroleum products for inland consumption⁽¹⁾

Thousand tons

	Total ^{2 3}	Aviation spirit and aviation wide-cut gasoline	Motor spirit	Industrial and white spirits	Kerosene			Gas/diesel oil		Fuel oil ³	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-July	52,955	65	9,183	119	2,069	1,572	17	3,153	7,658	21,054	594	1,375	53
1975 Jan-July p	47,916	59	9,081	118	2,169	1,478	11	3,094	7,529	18,727	565	1,225	38
Per cent change	-9.5	-9.4	-1.1	-0.5	+4.8	-6.0	-38.6	-1.9	-1.7	-11.1	-4.9	-10.9	-29.8
1974 July	6,402	11	1,500	16	375	96	3	465	688	2,252	90	197	7
1975 July p	5,532	5	1,461	18	400	82	2	449	631	1,750	84	186	6
Per cent change	-13.6	-52.4	-2.6	+11.4	+6.6	-14.6	-42.3	-3.5	-8.4	-22.3	-6.5	-5.9	-10.8

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 ¹		Power stations ²
	Million tons	Estimated days' supply ³	Million tons
1974 June	25.1	110	0.80
July	25.3	102	0.79
Aug	26.1	97	0.81
1975 June	22.4	110	0.86
July	22.5	103	0.92
Aug	23.0	95	0.88

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.