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Business Monitor

Census of Production

Provisional Results Operating Ratios



A publication of the Government Statistical Service

PA1000

Business Monitor

A publication of the Government Statistical Service

1977

Census of Production

**Provisional Results
Operating Ratios**

**Department of Industry
Business Statistics Office**

London: Her Majesty's Stationery Office

Notes

Introduction

1. This Business Monitor presents provisional estimates of some of the principal results of the Census of Production for 1977 with comparative data for 1974–1976. For the first time in the annual series, this monitor includes operating ratios for 1977 calculated from census measures of output, investment, manpower and labour costs. The Report on the Census of Production, 1977, will also be published in the Business Monitor PA series.

2. Censuses of Production are taken annually for Great Britain by the Department of Industry's Business Statistics Office under the Statistics of Trade Act, 1947 and for Northern Ireland by the Department of Commerce, Belfast, under the Statistics of Trade (Northern Ireland) Act, 1949. The information collected separately for Northern Ireland is included in the United Kingdom totals published in the Business Monitors.

3. The Census of Production for 1977 is the eighth of the annual series, which forms part of a system of industrial statistics mainly brought into operation between 1970 and 1973. The rest of the system comprises selected monthly inquiries into manufacturers' sales, orders and production, quarterly inquiries into the product sales of manufacturing industries and less frequent inquiries into additional subjects including details of purchases of goods and services by industry.

The complete system replaces the series of Censuses of Production conducted at intervals of about five years and a much less comprehensive system of short-period inquiries operated by several different Government departments.

Objectives

4. The main objective of the series of annual censuses is to provide information about the structure of industry in the United Kingdom, which will be useful to industry, economic analysts and Government alike and will facilitate international comparisons with other member states of the European Economic Community. The censuses makes possible the comparison of the characteristics of an industry either between years or with other industries in the same year.

Coverage

5. The Censuses for 1974–1977 covered United Kingdom establishments engaged in manufacturing, mining and quarrying, construction, electricity, gas and water supply (Orders II–XXI of the Standard Industrial Classification (revised 1968) (SIC)). A return was required in the 1977 Census from each establishment with 20 or more employees. In the construction industry, where firms employing fewer than 20 persons account for a relatively high proportion of total employment and output, a sample was taken of establishments employing fewer than 20 employees.

Industrial classification

6. The United Kingdom SIC was first issued in 1948 and was subsequently revised in 1958 and 1968. It exists to promote uniformity and comparability in the official statistics of the United Kingdom. The general principles followed are those of the International Standard Industrial Classification of all Economic Activities of the United Nations Statistical Office but the United Kingdom SIC reflects the organisation and structure of industry and trade as it exists in the United Kingdom. The SIC is a classification by activity and is not a commodity classification. However, an index of all commodity headings for which sales data are provided in the Quarterly Business Monitors is published in Business Monitor PQ1000.

Period covered

7. Establishments were asked to make returns in respect of the calendar year but a return for a business year ending on any date from the 6 April 1977 to 5 April 1978 was accepted. Returns covering less than twelve months were accepted in those cases where businesses had started or ceased during the year.

Estimation

8. The provisional results include estimates, as will the final results in the Report, for non-respondents, unsatisfactory returns and establishments with fewer than 20 employees which are not required to make returns.

Symbols used

9. The following symbols are used throughout the PA series of Business Monitors:
- .. not available
 - nil or less than half the final digit shown
 - * figures cannot be shown owing to the risk of disclosing information about individual enterprises
 - R revised

Rounding of figures

10. Figures in the tables have, where necessary, been rounded to the nearest final digit.

Collection of data

11. Questionnaires for the 1977 Census were despatched in January 1978 and computer generated reminder letters were despatched during May, June and August, 1978. If the reminders failed to produce a response, establishments whose figures are of particular importance to the inquiry are contacted by telex, telephone or a personal visit. Every effort is made to persuade establishments to provide returns promptly.

Response

12. The estimates for 1977 in Tables 1 and 2 are based on questionnaires received at the Business Statistics Office up to the end of October 1978.

The response for each industry, based on employment, is indicated in Table 1. The response rates, however, reflect a degree of estimation because average employment of non-responders in 1977 has itself been estimated. Response is estimated to cover 68 per cent of total employment, including establishments below the exemption limit of 20 employees, in manufacturing industries.

Results

13. Final results of the 1977 Census, including analyses by size of establishment and by region, will appear in 164 separate industry Business Monitors (PA series). Publication of the monitors will begin in the fourth quarter of 1979. Compilation of the final results for the 1974 and 1975 Censuses has been completed and most of the final industry monitors have been published. It is planned that the publication of 1976 final results will commence in the first quarter of 1979.

Tables 1 and 2 give comparative data for 1974-1977. The results for 1974 and 1975 are final. Although the 1976 results are mainly those given for provisional results in earlier years, some improved estimates have been included. An indication of the likely size of revisions between provisional and final results is given in Table 3. This table has been compiled from the census results for 1973-1975.

Table 4 - Operating ratios - is introduced for the first time following the publication of the 1976 operating ratios in Trade and Industry on 14 April 1978. The ratios shown in this table are provisional estimates only. Final figures for these ratios will appear in the separate industry Business Monitors.

EXPLANATION OF TERMS USED

Employment

14. Establishments were required to state the number of persons on the payroll, on average during the year of return, whether full-time or part-time employees. Separate figures were required for:

- (a) administrative, technical and clerical employees
- (b) all other employees (operatives)

Establishments were also required to state the number of working proprietors where appropriate and these are included in total employment figures. Outworkers (i.e. persons employed by establishments who worked in their own homes etc. on materials supplied by the establishment) are excluded.

Gross output

15. In the calculation of gross output the value of total sales and work done is increased by the rise (or reduced by the fall) during the year in the value of work in progress and goods on hand for sale.

Net output

16. Net output, a customary census measure, is calculated by deducting from gross output the cost of purchases (reduced by the rise or increased by the fall, during the year of stocks of materials etc.) and the cost of industrial services received, and where applicable, duties etc.

Gross value added at factor cost

17. Gross value added at factor cost is calculated by deducting from net output the cost of non-industrial services (rent of buildings, hire of plant and machinery, commercial insurance premiums, bank charges and amounts paid for professional services, post office services, transport and advertising), rates (excluding water rates) and the cost of licensing motor vehicles. This estimate of gross value added approaches more closely than census net output to the definition of net output or value added in national accounts statistics.

Gross value added data may be used in conjunction with other census results to derive operating ratios providing measures of industrial performance. Of particular interest is the ratio gross value added per head. This is derived by dividing the gross value added by the average number of persons employed (full and part-time) on all activities covered by the returns, including operatives, administrative, technical and clerical employees and working proprietors, but excluding outworkers.

Operating ratios

18. For each industry the operating ratios shown were obtained by dividing the estimate of the industry total for the quantity shown in the numerator by the corresponding estimate of the quantity shown in the denominator. These estimates cover all establishments classified to each industry, including exempted establishments and non-respondents. In comparing the ratios between different industries, consideration must be given to the nature of the business carried on by firms in the industries concerned. Within an industry, it is possible to compare ratios for an individual firm with the ratios shown for the relevant industry. However, it is important to bear in mind that various factors may affect the results - for example, differences in definitions, treatment of depreciation (which is not identified in the census data) and varying practice with regard to stock valuation, may affect comparability in some respects.

19. Business Monitor PA1001 - Introductory Notes sets out in greater detail the notes for guidance and explanation of how a census is conducted.

TABLE 1 Output, costs and employment, 1974-1977
All United Kingdom establishments classified to mining, manufacturing, construction, gas, electricity and water (a)

Standard Industrial Classification Orders or minimum list heading (b)	Industry	Year	Sales of goods produced, receipts for work done and services rendered	Merchanted goods	Increase during year in work in progress and goods on hand for sale	Gross output	Cost of purchases (c)	Cost of industrial services, increase during the year of materials, stores and fuel (d)	Net output	Cost of non-industrial services, rates, motor vehicle licences	Gross value added at factor cost		Employment			Wages and salaries		Percentage response in 1977
											Total	per head	Total (e)	Operatives	Others (f)	Operatives	Others (f)	
			£ million	£ million	£ million	£ million	£ million	£ million	£ million	£ million	£ million	£	Thousand	Thousand	Thousand	£ million	£ million	%
ORDER II	Mining and quarrying (g)	1974	1,925.8	7.6	119.8	2,053.2	470.2	34.3	1,548.8	169.6	1,379.1	4,015	343.5	306.7	36.1	742.7	105.4	
		1975	2,482.3	13.3	223.8	2,719.4	607.6	58.6	2,055.9	191.3	1,864.6	5,406	344.9	307.3	36.9	920.1	131.1	
		1976	2,925.5	20.1	147.8	3,093.4	703.8	60.5	2,329.1	224.5	2,104.6	6,241	337.2	299.2	37.3	965.3	147.2	
		1977	3,306.7	16.3	205.9	3,528.9	915.0	106.1	2,507.7	257.9	2,249.8	6,680	336.8	298.9	37.3	1,062.1	160.7	94
101	Coal mining	1974	1,443.6(h)	—	3.7	1,447.3	297.2(j)	26.1	1,124.1	49.6	1,074.4	3,608	297.8	270.8	27.0	660.0	83.1	
		1975	1,916.8(h)	—	86.6	2,003.4	395.7(j)	36.9	1,570.7	62.1	1,508.6	5,024	300.3	272.5	27.8	820.7	103.4	
		1976	2,280.6(h)	—	9.3	2,289.9	473.3(j)	32.8	1,783.8	73.9	1,709.9	5,802	294.7	267.2	27.5	864.1	112.2	
		1977	2,507.8(h)	—	33.9	2,541.7	611.4(j)	69.8	1,860.5	83.9	1,776.6	6,065	292.9	265.5	27.4	946.5	121.7	100
102	Stone and slate quarrying and mining	1974	223.9(k)	3.6	72.5	300.1	98.8	5.6	195.7	67.4	128.3	6,531	19.7	15.9	3.5	36.9	8.3	
		1975	272.3(k)	8.3	77.5	358.1	124.8	8.7	224.7	68.5	156.2	8,088	19.3	15.5	3.5	44.1	10.3	
		1976	293.0(k)	8.9	82.9	384.8	127.6	12.7	244.5	79.7	164.8	9,311	17.7	13.8	3.6	43.4	12.2	
		1977	342.2(k)	7.7	103.0	452.9	156.3	15.9	280.7	81.3	199.4	11,018	18.1	14.2	3.7	48.4	13.7	44
103	Chalk, clay, sand and gravel extraction	1974	205.0(k)	3.5	37.0	245.4	57.1	1.5	186.8	43.8	143.0	6,781	21.1	16.2	4.6	36.0	11.0	
		1975	226.3(k)	4.4	52.0	282.6	64.6	7.7	210.3	50.3	160.0	8,128	19.7	14.9	4.4	41.3	12.8	
		1976	285.5(k)	5.3	48.2	339.0	77.2	8.8	253.0	59.3	193.7	9,685	20.0	14.4	5.2	42.2	18.2	
		1977	345.8(k)	5.4	54.4	405.6	104.6	12.2	288.8	72.0	216.8	10,682	20.3	14.9	5.0	48.3	19.5	58
104	Petroleum and natural gas	1974	..	..	..	199.5	182.7	18.9	..	..	-2.2	—	4.6	..	..	14.0(ii)	..	
		1975	..	..	7.1	297.0	300.6	23.5	..	..	-27.2	—	5.4	..	..	21.0(ii)	..	
		1976	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		1977	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	—
109 (1)(2) (3)(4)	Miscellaneous mining and quarrying	1974	53.3(k)	0.5	6.6	60.4	17.1	1.1	42.2	8.8	33.4	6,795	4.9	3.8	1.0	9.8	3.0	
		1975	66.9(k)	0.6	7.7	75.3	22.5	5.3	50.2	10.4	39.8	7,112	5.6	4.4	1.2	14.0	4.6	
		1976	66.4(k)	5.9	7.4	79.7	25.7	6.2	47.8	11.6	36.2	7,542	4.8	3.8	1.0	15.6	4.6	
		1977	110.9(k)	3.2	14.6	128.7	42.7	8.2	77.7	20.7	57.0	10,364	5.5	4.3	1.2	18.9	5.8	77
ORDERS III-XIX	All manufacturing industries	1974	74,329.2	5,653.8	3,139.3	83,153.9	47,888.1	2,217.8	33,047.7	3,700.4	29,347.1	3,784	7,754.9	5,643.4	2,045.1	10,547.1	5,064.7	
		1975	85,025.4	6,152.7	1,804.8	93,047.8	51,590.3	4,774.3	36,947.3	4,558.4	32,389.8	4,338	7,466.2	5,380.4	1,936.7	12,682.8	6,246.2	
		1976	104,961.2	8,924.4	2,666.7	116,207.5	67,040.0	5,012.7	44,866.4	5,977.9	38,898.2	5,276	7,372.7	5,251.1	2,045.4	14,567.6	7,280.0	
		1977	124,037.1	11,191.2	2,861.7	138,089.6	78,520.5	7,035.2	52,534.0	7,136.0	45,403.2	6,090	7,455.9	5,312.2	2,070.1	16,282.4	8,161.1	68
ORDER III	Food, drink and tobacco	1974	12,912.2	1,392.9	232.0	14,537.3	8,705.9	1,717.3	4,113.9	583.1	3,531.1	4,398	802.8	634.1	164.5	1,086.0	381.8	
		1975	15,300.6	1,648.6	199.0	17,173.3	9,876.7	2,524.6	4,771.9	673.5	4,098.7	5,298	773.7	611.7	158.4	1,337.9	459.2	
		1976	19,159.1	2,272.1	195.3	21,262.5	12,568.7	3,158.0	5,899.8	850.1	5,049.7	6,414	787.3	621.5	160.8	1,613.8	540.6	
		1977	23,251.7	2,771.4	329.5	26,352.3	15,401.4	4,199.2	6,752.0	984.5	5,767.6	7,417	777.6	613.2	160.1	1,700.6	584.0	70
211	Grain milling	1974	708.3	30.9	4.0	743.2	572.3	-4.7	175.5	31.7	143.9	7,139	20.2	14.8	5.2	30.9	12.3	
		1975	770.3	29.3	0.5	800.1	611.2	-0.5	189.4	38.2	151.2	7,777	19.4	14.4	4.8	40.7	14.6	
		1976	857.0	36.4	4.0	897.4	673.4	3.7	220.3	44.8	175.5	9,141	19.2	14.6	4.3	46.8	15.2	
		1977	930.2	59.7	4.3	994.1	744.6	-3.7	253.2	63.7	189.6	9,671	19.6	14.1	5.2	49.9	21.4	73
212	Bread and flour confectionery	1974	726.9	110.3	0.4	837.7	509.2	-28.2	356.8	30.6	326.2	2,185	149.3	130.2	18.3	192.4	34.0	
		1975	898.1	129.3	1.1	1,028.7	598.4	-47.5	477.9	40.9	437.0	3,008	145.3	126.4	18.1	238.9	42.1	
		1976	1,032.8	164.0	1.0	1,197.8	707.4	-45.8	536.2	42.4	493.8	3,448	143.2	125.5	16.9	277.2	42.6	
		1977	1,187.6	182.8	1.0	1,371.4	804.8	3.8	562.8	56.4	506.3	3,473	145.8	127.3	17.7	298.7	50.8	66
213	Biscuits	1974	330.7	38.7	3.8	373.2	234.0	-3.0	142.1	23.0	119.1	2,381	50.0	40.6	9.4	53.7	19.8	
		1975	455.4	45.8	3.2	504.4	278.1	10.7	215.6	23.8	191.8	3,880	49.4	40.2	9.2	68.8	26.4	
		1976	457.0	69.6	4.3	530.9	318.6	2.9	209.4	25.9	183.5	3,663	50.1	41.4	8.6	82.6	25.6	
		1977	629.4	74.0	6.1	709.5	406.9	1.5	301.0	24.3	276.8	6,165	44.9	38.8	6.1	85.8	16.7	81

TABLE 1 Output, costs and employment, 1974-1977
All United Kingdom establishments classified to mining, manufacturing, construction, gas, electricity and water (a)

Standard Industrial Classification Orders or minimum list heading (b)	Industry	Year	Sales of goods produced, receipts for work done and services rendered	Merchanted goods	Increase during year in work in progress and goods on hand for sale	Gross output	Cost of purchases (c)
			£ million	£ million	£ million	£ million	£ million
ORDER III Food, drink and tobacco (continued)							
214	Bacon curing, meat and fish products	1974	1,456.6	132.3	8.2	1,597.1	1,188.5
		1975	1,640.3	137.9	9.0	1,787.2	1,276.5
		1976	2,033.4	199.2	14.6	2,247.2	1,539.0
		1977	2,312.8	203.0	46.1	2,561.9	1,829.6
215	Milk and milk products	1974	1,226.0	170.0	20.2	1,416.2	1,024.1
		1975	1,603.3	205.6	42.2	1,851.1	1,348.2
		1976	2,050.3	256.1	19.9	2,326.3	1,669.8
		1977	2,611.6	327.0	18.6	2,957.2	2,309.2
216	Sugar	1974	381.3	14.7	-1.3	394.7	370.1
		1975	542.7	78.1	27.7	648.5	570.6
		1976	585.1	23.6	-18.0	590.7	473.4
		1977	716.2	81.6	18.6	816.4	554.1
217	Cocoa, chocolate and sugar confectionery	1974	613.1	67.1	23.7	703.8	429.1
		1975	738.9	84.6	7.4	830.9	499.6
		1976	949.1	117.8	14.4	1,081.3	680.7
		1977	1,131.8	49.8	24.7	1,206.2	720.7
218	Fruit and vegetable products	1974	728.3	43.5	32.6	804.4	527.8
		1975	796.0	50.9	21.6	868.5	578.4
		1976	1,075.8	64.2	12.9	1,152.9	762.3
		1977	1,200.9	72.9	28.6	1,302.4	839.9
219	Animal and poultry foods	1974	1,140.1	200.9	6.7	1,347.8	1,122.4
		1975	1,165.4	197.2	-1.1	1,361.4	1,124.5
		1976	1,587.9	324.2	6.7	1,981.8	1,656.9
		1977	1,889.4	392.8	6.8	2,289.0	1,929.3
221	Vegetable and animal oils and fats	1974	480.4	23.3	5.1	508.9	424.4
		1975	416.6	16.7	-3.4	429.9	342.4
		1976	654.7	35.7	6.9	697.3	625.1
		1977	962.6	80.0	3.9	1,046.4	945.4
229 (1)	Margarine	1974	185.7	9.3	0.3	195.3	169.7
		1975	183.5	5.1	0.5	189.1	151.3
		1976	207.3	7.8	0.9	216.0	173.1
		1977	283.8	11.3	0.6	295.7	236.0
229 (2)	Starch and miscellaneous foods	1974	616.1	61.9	13.1	691.0	480.6
		1975	722.0	84.2	3.2	809.3	555.3
		1976	991.0	98.4	4.5	1,093.9	799.7
		1977	1,320.2	142.5	46.2	1,508.9	1,167.9
231	Brewing and malting	1974	1,092.9	398.8	19.3	1,511.0	638.8
		1975	1,428.1	498.0	24.5	1,950.6	756.9
		1976	2,030.4	544.6	35.2	2,610.2	1,023.8
		1977	2,159.7	707.0	16.3	2,883.0	1,189.9

Cost of industrial services, increase during the year of materials, stores and fuel (d)	Net output	Cost of non-industrial services, rates, motor vehicle licences	Gross value added at factor cost		Employment			Wages and salaries		Percentage response in 1977
			Total	per head	Total (e)	Operatives	Others (f)	Operatives	Others (f)	
£ million	£ million	£ million	£ million	£	Thousand	Thousand	Thousand	£ million	£ million	%
10.2	398.4	60.0	338.4	2,795	121.1	99.2	21.0	154.0	45.0	
17.2	493.4	86.3	407.1	3,386	120.2	97.6	21.9	187.0	58.6	
12.8	695.4	123.8	572.1	4,573	125.1	99.9	24.4	237.6	78.6	
23.1	709.2	140.0	569.2	4,704	121.0	97.6	22.6	242.0	79.1	78
-0.7	392.8	50.0	342.8	5,379	63.7	52.6	10.6	110.9	22.1	
19.1	483.8	64.0	419.8	6,547	64.1	52.3	11.2	144.3	29.3	
26.5	630.0	86.4	543.6	8,261	65.8	54.1	11.1	177.0	34.0	
-55.1	703.1	90.3	612.8	9,471	64.7	53.0	11.1	187.9	36.1	68
-181.9	206.5	22.9	183.6	14,482	12.7	9.3	3.4	22.3	9.9	
-80.1	158.0	19.2	138.9	11,014	12.6	9.1	3.5	24.4	11.9	
-66.3	183.6	20.7	162.9	13,137	12.4	9.0	3.4	29.1	14.8	
-0.7	263.0	45.8	217.3	16,588	13.1	9.6	3.5	35.4	17.3	96
-21.2	295.9	58.2	237.7	3,392	70.1	55.3	14.5	82.0	33.3	
23.6	307.7	65.9	241.8	3,650	66.2	51.8	14.2	104.0	41.4	
-24.0	424.6	87.2	337.4	4,991	67.6	52.8	14.5	133.8	50.8	
-2.2	487.7	79.0	408.8	6,289	65.0	51.3	13.4	117.3	51.3	49
-17.0	293.6	60.7	232.9	3,437	67.8	53.8	13.7	82.3	31.2	
4.3	285.8	50.9	234.9	4,209	55.8	45.6	10.0	88.2	30.6	
10.9	379.7	67.8	311.9	5,453	57.2	46.8	10.0	109.5	35.0	
5.6	456.9	83.6	373.3	6,447	57.9	45.5	12.2	117.1	44.6	76
11.7	213.7	38.5	175.2	5,627	31.1	19.6	11.1	43.2	27.2	
9.6	227.3	48.0	179.2	5,965	30.0	18.8	10.8	52.1	31.9	
-15.3	277.2	47.3	229.9	7,392	31.1	19.2	11.4	58.5	38.2	
17.2	342.5	57.6	284.9	9,498	30.0	18.3	11.2	61.7	42.1	66
-5.5	90.0	9.6	80.4	8,994	8.9	6.6	2.2	14.7	6.0	
16.8	70.7	11.7	59.1	7,323	8.1	5.9	2.0	16.4	6.4	
-32.4	104.6	19.4	85.2	9,682	8.8	6.4	2.2	21.1	8.7	
-12.9	113.9	26.1	87.9	10,098	8.7	6.2	2.4	22.1	9.6	66
-2.7	28.4	4.1	24.3	6,491	3.7	2.6	1.1	5.9	3.0	
1.8	36.0	5.4	30.6	7,229	4.2	3.1	1.1	8.2	3.9	
-1.8	44.7	6.4	38.3	8,907	4.3	3.1	1.1	10.0	4.2	
2.9	56.9	9.8	47.0	10,681	4.4	3.3	1.1	11.3	4.5	95
-10.3	220.7	36.1	184.6	5,331	34.6	25.9	8.5	43.3	21.0	
15.8	238.2	47.0	191.2	5,726	33.4	24.8	8.5	53.3	25.5	
-6.5	300.7	39.5	261.2	7,615	34.3	26.5	7.6	64.2	26.1	
-38.1	379.1	55.4	323.7	9,145	35.4	27.7	7.5	76.3	28.0	63
402.7	469.5	42.3	427.3	6,283	68.0	45.2	22.7	105.8	56.0	
580.4	613.3	48.7	564.6	8,526	66.2	45.3	20.9	131.6	64.0	
873.1	713.3	60.9	652.4	9,387	69.5	48.3	21.0	165.5	77.2	
882.5	810.6	78.7	731.8	11,055	66.2	44.1	22.0	159.4	84.0	72

TABLE 1 Output, costs and employment, 1974-1977
All United Kingdom establishments classified to mining, manufacturing, construction, gas, electricity and water (a)

Standard Industrial Classification Orders or minimum list heading (b)	Industry	Year	Sales of goods produced, receipts for work done and services rendered	Merchanted goods	Increase during year in progress and goods on hand for sale	Gross output	Cost of purchases (c)	Cost of industrial services, increase during the year of materials, stores and fuel (d)	Net output	Cost of non-industrial services, rates, motor vehicle licences	Gross value added at factor cost		Employment			Wages and salaries		Percentage response in 1977
											Total	per head	Total (e)	Operatives	Others (f)	Operatives	Others (f)	
			£ million	£ million	£ million	£ million	£ million	£ million	£ million	£ million	£ million	£	Thousand	Thousand	Thousand	£ million	£ million	%
ORDER III Food, drink and tobacco (continued)																		
232	Soft drinks	1974	278.5	69.3	6.6	354.4	211.3	-3.1	146.2	21.5	124.8	4,191	29.8	23.4	6.1	34.9	13.2	
		1975	442.5	94.2	6.7	543.5	305.5	4.6	233.3	27.1	206.2	7,398	27.9	22.1	5.6	44.4	14.7	
		1976	594.4	113.9	7.9	716.2	439.0	12.0	265.2	33.0	232.2	7,898	29.4	22.2	6.9	53.6	20.0	
		1977	629.6	146.1	5.4	781.1	466.6	1.4	313.2	34.3	278.9	9,995	27.9	21.2	6.4	58.7	21.9	69
239 (1)	Spirit distilling and compounding	1974	903.2	20.9	68.8	992.9	405.1	245.1	342.7	47.9	294.8	11,141	26.5	20.5	6.0	42.4	15.9	
		1975	948.5	14.0	27.4	990.0	382.9	309.3	297.8	50.4	247.4	9,512	26.0	19.9	6.1	47.5	20.0	
		1976	1,276.7	28.2	69.4	1,374.3	438.9	495.9	439.5	73.9	365.6	14,062	26.0	19.6	6.3	53.8	23.2	
		1977	1,316.1	40.5	64.8	1,421.4	529.9	411.4	480.1	77.8	402.2	15,411	26.1	19.6	6.4	58.0	25.7	85
239 (2)	British wines, cider and perry	1974	73.4	1.0	5.6	80.1	27.9	9.5	42.6	7.3	35.3	6,862	5.1	3.4	1.7	5.9	4.6	
		1975	94.2	2.6	7.2	104.0	36.3	21.4	46.3	7.8	38.6	7,551	5.1	3.3	1.8	7.7	4.8	
		1976	114.4	4.2	2.9	121.5	43.3	38.0	40.2	10.5	29.7	6,061	4.9	3.0	1.8	9.2	5.8	
		1977	165.0	5.0	5.8	175.8	59.6	73.8	42.5	21.6	20.9	3,797	5.5	3.4	2.1	9.1	6.5	50
240	Tobacco	1974	1,970.7	(m)	14.9	1,985.6	370.6	1,316.4	298.5	38.7	259.8	6,468	40.2	31.1	9.0	61.4	27.3	
		1975	2,454.8	(m)	21.3	2,476.1	460.6	1,618.1	397.4	38.2	359.3	9,022	39.8	31.1	8.7	80.4	33.1	
		1976	2,661.8	184.2	7.8	2,853.8	544.3	1,874.3	435.2	60.7	374.5	9,753	38.4	29.1	9.3	84.3	40.6	
		1977	3,804.8	195.4	31.7	4,031.9	667.0	2,888.7	476.3	40.1	436.2	10,535	41.4	32.2	9.2	109.9	44.4	72
ORDER IV Coal and petroleum products		1974	5,185.5	187.8	245.4	5,618.7	4,950.1	-141.3	810.0	51.3	758.7	20,730	36.6	26.0	10.6	67.5	32.6	
		1975	5,528.8	247.9	48.7	5,825.5	4,698.2	103.2	1,023.9	64.1	960.2	26,452	36.3	25.5	10.7	85.0	42.6	
		1976	6,659.8	269.9	236.1	7,165.8	6,391.0	-79.5	854.3	68.3	786.0	22,330	35.2	24.5	10.3	93.3	46.0	
		1977	6,901.8	356.8	-19.8	7,238.8	6,362.2	81.6	795.1	98.3	696.7	20,078	34.7	24.1	10.5	99.2	51.2	92
261	Coke ovens and manufactured fuel	1974	303.4	(m)	-15.1	288.3	210.9	-9.9	87.4	10.8	76.5	6,932	11.0	9.4	1.7	24.2	4.7	
		1975	299.9	(m)	50.8	350.8	281.3	-6.7	76.2	11.0	65.2	5,717	11.4	9.6	1.8	30.7	6.4	
		1976	363.2	6.4	41.7	411.3	319.9	3.8	87.6	12.7	74.9	7,066	10.6	8.9	1.7	32.9	6.3	
		1977	360.2	10.1	30.6	400.9	300.5	7.8	92.6	14.4	78.2	7,669	10.2	8.5	1.7	32.3	7.3	97
262	Mineral oil refining	1974	4,890.3	(m)	255.6	5,145.9	4,601.0	-124.9	669.8	33.2	636.7	34,027	18.7	13.0	5.7	35.3	19.8	
		1975	5,269.0	(m)	-5.5	5,263.5	4,271.5	105.1	886.8	44.1	842.7	46,077	18.3	12.5	5.8	44.7	26.2	
		1976	6,018.5	248.7	193.7	6,460.9	5,845.4	-85.0	700.5	46.3	654.2	36,960	17.7	12.2	5.4	49.1	27.4	
		1977	6,187.7	319.4	-56.1	6,451.0	5,782.9	70.7	597.4	67.6	529.8	30,625	17.3	12.0	5.3	53.4	29.7	98
263	Lubricating oils and greases	1974	165.0	14.6	4.9	184.5	138.2	-6.5	52.8	7.3	45.5	6,621	6.9	3.6	3.2	8.0	8.1	
		1975	194.3	13.5	3.4	211.2	145.4	4.8	60.9	9.0	52.3	7,870	6.6	3.4	3.1	9.6	10.0	
		1976	278.1	14.8	0.7	293.6	225.7	1.7	66.2	9.3	56.9	8,246	6.9	3.4	3.2	11.3	12.3	
		1977	353.9	27.3	5.7	386.9	278.8	3.1	105.1	16.3	88.7	12,323	7.2	3.6	3.5	13.5	14.2	72
ORDER V Chemicals and allied industries		1974	6,917.7	771.6	325.3	8,015.0	4,964.7	-94.9	3,145.2	449.4	2,695.6	6,638	406.1	245.8	158.8	524.1	446.6	
		1975	7,626.6	792.7	145.2	8,564.5	5,030.9	190.4	3,343.6	545.3	2,798.2	6,973	401.3	238.6	161.3	653.4	573.6	
		1976	10,165.3	1,096.6	271.6	11,533.5	6,885.0	55.0	4,593.0	744.0	3,849.5	9,498	405.3	238.9	162.9	765.0	667.6	
		1977	12,109.3	1,481.3	233.2	13,824.3	8,310.8	230.1	5,283.5	859.8	4,424.0	10,806	409.4	242.0	165.8	870.8	742.5	77
271 (1)	Inorganic chemicals	1974	615.3	56.8	14.0	686.0	403.4	-7.0	289.6	45.0	244.6	6,636	36.9	23.5	13.3	58.3	36.8	
		1975	657.8	83.8	7.0	748.6	432.2	18.3	298.2	52.6	245.6	6,960	35.3	22.3	12.9	72.3	47.9	
		1976	895.3	95.5	13.8	1,004.6	565.9	2.7	436.0	76.0	360.0	10,056	35.8	22.9	12.9	86.9	55.4	
		1977	1,131.8	96.9	19.3	1,248.1	775.9	19.0	453.1	71.3	381.9	11,133	34.3	22.1	12.1	93.3	61.0	79

TABLE 1 Output, costs and employment, 1974-1977
All United Kingdom establishments classified to mining, manufacturing, construction, gas, electricity and water (a)

Standard Industrial Classification Orders or minimum list heading (b)	Industry	Year	Sales of goods produced, receipts for work done and services rendered	Merchantable goods	Increase during year in work in progress and goods on hand for sale	Gross output	Cost of purchases (c)	Cost of industrial services, increase during the year of materials, stores and fuel (d)	Net output	Cost of non-industrial services, rates, motor vehicle licences	Gross value added at factor cost		Employment			Wages and salaries		Percentage response in 1977
											Total	per head	Total (e)	Operatives	Others (f)	Operatives	Others (f)	
			£ million	£ million	£ million	£ million	£ million	£ million	£ million	£ million	£ million	£	Thousand	Thousand	Thousand	£ million	£ million	%
ORDER V Chemicals and allied industries (continued)																		
271 (2)	Organic chemicals	1974	1,365.9	178.3	61.5	1,605.8	1,171.1	2.7	432.0	60.8	371.2	10,479	35.4	22.3	13.1	58.8	44.6	77
		1975	1,430.2	174.9	11.4	1,616.6	1,166.9	43.5	406.2	79.1	327.0	9,058	36.1	22.6	13.5	73.2	60.3	
		1976	2,045.1	298.6	63.4	2,407.1	1,692.4	87.8	626.9	104.3	522.6	14,397	36.3	22.4	13.8	82.8	68.1	
		1977	2,286.6	343.8	-7.9	2,622.5	1,837.3	123.7	661.6	118.3	543.4	13,652	39.8	24.6	15.1	105.5	83.3	
271 (3)	Miscellaneous chemicals	1974	683.6	89.7	34.5	807.9	532.4	-6.6	282.1	28.5	253.6	6,556	38.7	21.2	17.3	46.9	53.9	81
		1975	762.8	121.3	38.4	922.5	539.7	20.9	361.9	36.0	325.9	8,247	39.5	21.2	18.2	61.8	67.1	
		1976	955.9	112.1	34.9	1,102.9	661.9	-58.2	499.2	51.9	447.3	11,382	39.3	21.2	17.9	71.5	72.4	
		1977	1,121.0	180.7	64.9	1,366.6	809.8	9.1	547.7	58.0	489.7	11,974	40.9	22.6	18.2	84.0	84.0	
272	Pharmaceutical chemicals and preparations	1974	767.5	69.4	51.0	887.9	458.7	-27.1	456.3	69.1	387.2	5,796	66.8	36.8	29.9	62.2	75.2	75
		1975	944.7	69.1	40.4	1,054.3	495.4	14.5	544.4	89.2	455.2	6,851	66.4	35.8	30.5	80.7	96.0	
		1976	1,149.4	95.6	30.3	1,275.3	610.5	-1.2	666.0	105.4	560.6	8,638	64.9	33.4	31.3	90.4	118.3	
		1977	1,427.7	154.4	46.0	1,628.1	732.2	12.2	883.7	142.3	741.4	11,406	65.0	32.6	32.2	98.4	134.4	
273	Toilet preparations	1974	244.6	19.2	8.9	272.7	136.0	-7.6	144.3	28.8	115.5	4,696	24.6	15.3	9.1	21.5	21.4	73
		1975	297.0	17.3	1.4	315.7	144.9	12.2	158.6	41.3	117.3	5,253	22.3	13.1	9.1	23.5	26.6	
		1976	380.9	23.8	-	404.7	202.4	-1.8	204.1	57.2	146.9	6,359	23.1	14.0	8.7	29.2	30.1	
		1977	438.7	33.2	11.4	483.2	230.2	-6.3	259.4	77.1	182.3	7,724	23.6	13.3	10.2	30.8	38.2	
274	Paint	1974	355.7	31.8	15.4	402.9	229.2	-1.5	175.2	26.6	148.6	5,079	29.3	15.7	13.3	28.2	33.0	77
		1975	418.6	20.4	4.1	443.1	249.2	4.5	189.4	35.1	154.3	5,439	28.4	14.7	13.4	35.8	42.5	
		1976	528.1	27.6	7.2	562.9	340.1	-5.5	228.3	45.1	183.2	6,543	28.0	15.0	12.7	42.1	48.9	
		1977	599.0	44.8	13.1	657.0	426.5	-0.3	230.8	59.9	170.9	5,955	28.7	15.0	13.5	48.3	51.1	
275	Soap and detergents	1974	359.6	21.8	15.1	396.5	285.2	-4.4	115.7	41.9	73.8	4,516	16.4	10.5	5.6	20.5	14.3	78
		1975	397.4	19.3	-2.9	413.8	274.7	10.3	128.7	42.0	86.7	5,292	16.4	10.6	5.6	26.9	18.8	
		1976	475.1	28.2	5.0	508.3	305.7	4.7	197.9	66.7	131.2	7,810	16.8	10.1	6.4	27.5	22.1	
		1977	677.6	40.7	9.5	727.7	481.8	-2.5	248.4	68.6	179.8	10,578	17.0	10.9	5.9	33.7	23.0	
276	Synthetic resins and plastics materials and synthetic rubber	1974	1,019.8	62.0	49.5	1,131.3	705.2	-10.4	436.4	47.3	389.1	7,769	50.1	31.9	18.1	78.2	54.7	70
		1975	982.1	62.9	-2.4	1,042.6	644.0	31.8	366.9	57.5	309.4	6,050	51.1	32.3	18.7	96.2	72.4	
		1976	1,557.6	117.4	52.5	1,727.5	1,109.0	18.2	600.3	86.6	513.7	9,656	53.2	33.1	19.7	118.8	90.6	
		1977	1,645.4	119.4	18.9	1,783.7	1,178.9	36.0	568.8	88.0	480.7	9,087	52.9	33.3	19.4	134.1	95.6	
277	Dyestuffs and pigments	1974	380.9	33.1	34.1	448.2	235.4	-6.9	219.7	18.7	201.0	8,387	24.0	15.7	8.2	41.0	25.4	92
		1975	349.6	29.9	2.2	381.7	179.2	11.1	191.4	13.8	177.6	8,497	20.9	13.7	7.1	41.9	28.5	
		1976	489.6	38.4	19.8	547.8	255.0	-2.8	295.6	18.6	277.0	13,578	20.4	13.6	6.8	48.3	33.1	
		1977	558.0	45.2	24.9	628.1	321.6	7.0	299.5	23.5	275.9	13,526	20.4	13.3	7.1	53.7	36.4	
278	Fertilizers	1974	414.1	54.9	14.6	483.6	276.9	-7.9	214.6	35.1	179.5	9,095	19.7	12.3	7.3	32.2	23.2	66
		1975	510.7	55.7	20.0	586.4	325.3	15.7	245.5	40.7	204.8	10,448	19.6	11.9	7.5	39.6	31.1	
		1976	559.8	60.8	-6.4	614.2	326.6	16.8	270.8	47.8	223.0	11,320	19.7	12.0	7.5	44.9	34.3	
		1977	920.8	112.0	-10.7	1,022.2	530.4	30.3	461.5	51.3	410.3	20,930	19.6	12.5	7.0	52.3	31.4	
279 (1)	Polishes	1974	70.7	6.4	3.0	80.1	42.8	-1.5	38.9	6.8	32.0	5,672	5.6	2.9	2.7	4.8	6.6	63
		1975	82.4	6.2	-1.1	87.4	50.4	1.6	35.6	9.1	26.4	5,039	5.2	2.5	2.7	5.7	7.8	
		1976	96.5	13.7	1.6	111.8	65.9	1.5	44.4	15.5	28.9	5,352	5.4	2.3	2.9	6.3	9.7	
		1977	100.8	23.2	1.9	125.9	78.5	-1.1	48.6	17.6	31.0	6,459	4.8	2.1	2.6	5.9	9.8	

TABLE 1 Output, costs and employment, 1974-1977
All United Kingdom establishments classified to mining, manufacturing, construction, gas, electricity and water (a)

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											Total	per head	Total (e)	Operatives	Others (f)	Operatives	Others (f)		
			£ million	£ million	£ million	£ million	£ million	£ million	£ million	£ million	£ million	£	Thousand	Thousand	Thousand	£ million	£ million	%	
ORDER V Chemicals and allied industries (continued)																			
279 (2)	Formulated adhesives, gelatine, etc.	1974	110.3	14.2	5.9	130.5	88.6												
		1975	113.1	6.9	1.6	121.6	69.1	-5.2	47.0	8.0	39.0	5,887	6.6	3.6	3.0	7.6	7.3		
		1976	145.5	10.3	3.6	159.4	94.6	3.0	49.5	7.9	41.7	6,492	6.4	3.4	3.0	8.7	8.4		
		1977	165.0	7.2	2.7	174.9	108.1	-1.1	65.9	14.2	51.7	7,493	6.9	3.7	3.2	12.1	10.9		
279 (3)	Explosives and fireworks	1974	117.7	3.6	3.6	124.9	65.2												
		1975	184.1	2.9	15.7	202.7	109.9	1.3	65.5	17.4	48.1	7,522	6.4	3.4	2.9	12.9	11.3	90	
		1976	247.3	3.7	25.2	276.2	179.1	-0.9	60.6	5.4	55.2	3,682	15.0	11.3	3.7	20.5	11.3		
		1977	295.9	2.7	28.5	327.1	174.7	0.8	92.1	7.4	84.7	4,656	18.2	14.0	4.2	34.3	16.1		
279 (4)	Formulated pesticides, etc.	1974	82.7	98.2	5.8	186.7	126.5												
		1975	120.0	113.7	5.6	239.3	154.5	-3.4	63.6	7.7	55.9	12,923	4.3	2.1	2.3	3.9	5.5		
		1976	162.8	127.0	9.9	299.7	180.3	-3.5	88.3	11.1	77.2	16,419	4.7	2.0	2.6	5.3	8.3		
		1977	143.5	231.6	8.3	383.5	231.9	-3.5	122.9	13.3	109.6	22,367	4.9	2.7	2.2	7.8	9.4		
279 (5)	Printing ink	1974	62.6	2.3	1.7	66.5	34.5												
		1975	67.3	1.7	0.2	69.1	31.7	-0.4	152.0	13.9	138.1	31,393	4.4	1.8	2.6	5.3	11.3	71	
		1976	84.0	4.2	2.8	91.0	43.8	-0.8	32.8	3.5	29.3	5,511	5.3	2.9	2.4	7.0	6.7		
		1977	84.7	9.7	0.9	95.4	55.4	0.7	36.6	4.4	32.2	6,546	4.9	2.5	2.4	7.8	7.6		
279 (6)	Surgical bandages, etc.	1974	93.2	7.6	3.8	104.7	55.0												
		1975	105.1	6.7	1.6	113.4	52.4	-1.0	48.2	5.8	42.4	8,480	5.0	2.5	2.4	9.2	9.2		
		1976	127.9	8.7	1.0	137.6	63.0	-	40.0	6.3	33.8	7,340	4.6	2.4	2.1	10.0	8.5	63	
		1977	162.0	13.4	4.8	180.3	81.8	2.8	58.2	10.8	47.4	3,855	12.3	8.6	3.7	15.2	10.5		
279 (7)	Photographic chemical materials	1974	173.5	22.3	2.9	198.8	118.6												
		1975	203.7	(m)	2.0	205.7	111.4	1.9	72.7	9.6	63.1	5,048	12.5	9.2	3.2	18.7	10.6		
		1976	264.5	31.0	7.0	302.5	188.8	3.4	95.0	14.6	80.5	6,490	-12.4	8.7	3.7	20.5	13.1	85	
		1977	350.8	22.4	-3.3	370.0	255.8	-6.1	86.3	10.9	75.3	5,094	14.8	8.4	6.3	20.1	19.6		
ORDER VI Metal manufacture			1974	6,516.7	322.6	225.5	7,094.2	4,598.1											
		1975	6,636.5	260.2	69.2	7,004.7	4,514.2	-31.7	2,527.9	257.6	2,270.4	4,551	498.9	377.1	120.0	865.3	315.4		
		1976R	8,386.9	469.0	351.3	9,226.3	6,287.6	138.2	2,352.3	284.9	2,067.3	4,265	484.7	362.3	120.8	1,036.9	410.5		
		1977	9,769.0	408.2	20.4	10,197.4	6,883.5	307.6	2,988.2	367.0	2,621.2	5,508	475.9	355.8	118.0	1,192.4	449.8		
311	Iron and steel (general)	1974	3,352.1	19.8	143.3	3,526.7	2,154.0												
		1975	3,415.2	26.8	39.4	3,503.3	2,349.1	-41.7	1,414.4	155.4	1,259.0	5,069	248.4	184.8	63.3	451.4	173.3		
		1976R	4,301.2	28.4	213.3	4,562.0	3,187.5	46.7	1,107.5	162.4	945.1	3,915	241.4	177.4	63.8	540.5	228.4		
		1977	5,238.5	28.6	-76.0	5,191.1	3,562.9	310.0	1,421.6	208.7	1,212.9	5,206	233.0	172.2	60.5	615.1	242.6		
312	Steel tubes	1974	534.3	12.8	18.8	567.7	336.4												
		1975	687.1	14.5	18.1	722.6	389.2	216.1	1,412.1	251.6	1,160.4	4,900	236.8	174.4	62.1	681.5	270.2	76	
		1976	789.1	14.9	9.4	813.4	468.8	-8.9	240.3	24.1	216.2	4,558	47.4	35.3	12.0	83.9	30.7		
		1977	720.9	14.5	30.7	766.1	452.1	22.8	310.5	28.7	281.8	5,920	47.6	34.8	12.7	101.2	40.1		
313	Iron castings, etc.	1974	543.1	10.8	14.6	570.2	286.2												
		1975	700.9	13.0	16.8	732.5	343.1	3.9	340.7	38.7	302.0	6,113	49.4	36.1	13.2	122.9	48.6		
		1976	759.6	24.5	10.7	794.8	385.8	19.6	294.4	39.5	254.9	5,615	45.4	33.2	12.1	123.1	49.3	80	
		1977	829.1	20.5	4.1	853.7	396.6	2.8	281.2	28.5	252.7	3,071	82.3	66.6	15.0	140.5	35.5		
		1975	700.9	13.0	16.8	732.5	343.1	25.3	364.2	35.3	328.8	4,009	82.0	66.0	15.3	172.9	46.3		
		1976	759.6	24.5	10.7	794.8	385.8	13.8	395.2	42.6	352.6	4,480	78.7	63.0	14.8	188.7	50.2		
		1977	829.1	20.5	4.1	853.7	396.6	31.2	425.9	48.9	377.0	4,948	76.2	60.8	14.7	211.2	56.0	69	

TABLE 1 Output, costs and employment, 1974-1977
All United Kingdom establishments classified to mining, manufacturing, construction, gas, electricity and water (a)

Standard Industrial Classification Orders or minimum list heading (b)	Industry	Year	Sales of goods produced, receipts for work done and services rendered	Merchanted goods	Increase during year in work in progress and goods on hand for sale	Gross output	Cost of purchases (c)	Gross value added at factor cost		Employment			Wages and salaries		Percentage response in 1977
								Total	per head	Total (e)	Operatives	Others (f)	Operatives	Others (f)	
			£ million	£ million	£ million	£ million	£ million	£	Thousand	Thousand	Thousand	£ million	£ million	%	
ORDER VI Metal manufacture (continued)															
321	Aluminium and aluminium alloys	1974	651.0	96.2	18.7	768.1	529.0								
		1975	685.1	56.3	-0.8	742.7	481.9								
		1976	1,065.8	150.1	42.6	1,258.5	879.1								
		1977	1,320.2	132.8	33.5	1,486.4	1,018.6								
322	Copper, brass and other copper alloys	1974	845.9	31.0	11.3	898.4	673.7								
		1975	683.1	13.2	-16.0	687.4	456.6								
		1976	808.6	17.0	24.3	849.9	590.6								
		1977	871.9	10.7	-1.9	880.6	612.9								
323	Miscellaneous base metals	1974	590.3	152.0	18.8	763.1	618.8								
		1975	465.1	136.4	11.7	616.2	494.3								
		1976	662.6	234.1	51.0	947.7	775.8								
		1977	788.4	201.1	30.0	1,019.5	840.4								
ORDER VII Mechanical engineering															
		1974	6,745.3	603.5	643.6	7,992.3	3,945.6								
		1975	8,496.0	699.2	328.4	9,523.6	4,413.9								
		1976R	10,134.3	986.8	321.2	11,442.4	5,441.1								
		1977	12,305.4	1,134.6	487.1	13,927.1	6,924.0								
331	Agricultural machinery (except tractors)	1974	185.4	36.5	11.5	233.4	135.9								
		1975	200.7	35.4	16.5	252.6	141.0								
		1976R	246.3	54.2	5.8	306.3	175.0								
		1977	304.8	70.9	11.7	387.3	221.4								
332	Metal-working machine tools	1974	368.5	37.1	35.6	441.1	212.7								
		1975	475.3	46.7	1.3	523.2	247.0								
		1976	493.0	52.7	22.0	567.7	264.5								
		1977	653.0	65.9	37.8	756.7	344.1								
333	Pumps, valves and compressors	1974	634.1	63.2	43.8	741.1	371.4								
333 (1)	Pumps	1975	221.1	26.0	9.1	256.3	129.3								
		1976	282.2	41.4	6.7	330.3	167.2								
		1977	326.3	51.7	13.8	391.8	199.6								
		1977	326.3	51.7	13.8	391.8	199.6								
333 (2)	Valves	1975	276.4	10.0	10.3	296.8	126.3								
		1976	283.7	14.3	7.6	305.6	134.6								
		1977	354.6	15.2	8.9	378.7	170.1								
333 (3)(4)	Compressors and fluid power equipment	1975	321.5	32.9	10.4	364.8	168.0								
		1976	377.0	40.9	18.1	436.0	200.4								
		1977	425.6	49.9	18.8	494.4	244.5								
334	Industrial engines	1974	196.1	27.7	14.0	237.8	135.4								
		1975	260.6	32.3	24.2	317.1	164.8								
		1976	316.8	34.7	13.5	365.0	192.4								
		1977	426.0	63.1	30.6	519.7	279.8								
335	Textile machinery and accessories	1974	292.3	22.7	19.5	334.5	161.2								
		1975	338.4	22.5	-3.2	357.8	148.2								
		1976R	344.0	33.1	-4.5	372.6	144.2								
		1977	360.9	52.5	8.2	421.6	204.0								

Cost of industrial services, increase during the year of materials, stores and fuel (d)	Net output	Cost of non-industrial services, rates, motor vehicle licences	Gross value added at factor cost		Employment			Wages and salaries		Percentage response in 1977
			Total	per head	Total (e)	Operatives	Others (f)	Operatives	Others (f)	
£ million	£ million	£ million	£ million	£	Thousand	Thousand	Thousand	£ million	£ million	%
-2.9	241.9	23.3	218.6	4,094	53.4	41.3	11.8	89.1	29.9	
24.9	235.9	27.1	208.9	4,071	51.3	38.9	12.2	107.5	41.1	
-2.9	382.3	38.0	344.3	6,521	52.8	39.6	12.9	129.9	48.4	
13.1	454.7	46.3	408.4	7,794	52.4	39.2	12.9	141.9	55.0	75
16.4	208.3	15.5	192.9	4,158	46.4	34.6	11.5	69.5	30.0	
12.1	218.7	19.8	198.8	4,468	44.5	32.8	11.4	82.4	37.5	
-5.2	264.5	24.1	240.4	5,552	43.3	32.2	10.8	95.9	39.0	
18.1	249.6	26.1	223.5	5,438	41.1	30.2	10.6	98.4	43.3	81
2.6	141.8	10.8	131.0	6,248	21.0	14.5	6.4	30.9	16.0	
6.4	115.5	11.6	103.9	5,801	17.9	12.4	5.4	32.4	17.1	
-12.0	183.9	14.9	169.0	9,037	18.7	12.7	5.8	39.9	21.0	
-1.0	180.0	16.6	163.5	8,516	19.2	13.3	5.7	45.8	22.9	82
167.7	3,879.0	377.4	3,501.7	3,656	957.8	628.5	322.9	1,290.5	787.8	
363.3	4,746.2	541.8	4,204.6	4,536	926.9	600.3	315.9	1,561.8	963.8	
433.5	5,568.0	704.2	4,863.8	5,319	914.4	587.5	314.3	1,760.6	1,110.9	
371.1	6,631.9	864.7	5,767.1	6,127	941.2	602.1	328.4	2,036.6	1,275.7	62
-6.3	103.7	9.0	94.7	4,068	23.3	16.2	6.8	29.5	15.2	
4.7	106.9	13.6	93.3	4,054	23.0	15.7	6.8	38.1	18.8	
1.5	129.9	19.4	110.5	4,827	22.9	15.7	6.7	41.5	22.2	
1.5	164.4	19.9	144.5	6,071	23.8	16.2	7.1	49.9	26.5	58
3.2	225.2	22.6	202.6	3,315	61.1	40.1	20.7	84.1	49.6	
11.3	264.9	30.9	234.0	3,773	62.0	40.9	20.7	106.1	62.1	
13.7	289.5	31.8	257.7	4,490	57.4	37.6	19.4	110.0	65.2	
16.9	395.7	48.9	346.8	5,742	60.4	38.1	21.8	127.4	83.6	60
-4.6	374.3	38.3	335.9	3,638	92.3	57.9	34.2	117.4	80.4	
-1.2	125.8	15.9	109.8	4,497	24.4	13.9	10.5	36.6	31.5	
1.0	162.1	20.4	141.7	5,327	26.6	14.3	12.2	43.8	41.7	
-3.8	196.0	24.2	171.8	6,071	28.3	14.4	13.8	47.4	51.6	65
2.3	168.2	14.6	153.7	5,321	28.9	18.5	10.3	48.3	31.0	
1.8	169.2	17.8	151.4	5,203	29.1	19.4	9.6	54.8	32.7	
4.4	204.1	21.8	182.3	6,396	28.5	17.6	10.9	55.0	41.8	66
8.1	188.7	22.5	166.2	4,759	34.9	21.7	13.2	53.9	38.2	
10.2	225.4	28.8	196.6	5,699	34.5	20.9	13.4	59.7	44.5	
12.3	237.6	31.7	205.9	5,968	34.5	21.3	13.1	69.5	49.6	78
-1.9	104.3	9.4	94.9	3,483	27.2	17.1	10.1	35.1	23.1	
5.7	146.7	10.8	135.9	5,422	25.1	15.1	10.0	40.0	27.7	
8.3	164.3	12.9	151.4	5,757	26.3	16.0	10.3	46.3	35.0	
9.6	230.3	20.3	210.0	7,778	27.0	16.7	10.3	58.2	38.2	80
23.2	150.1	16.1	134.0	3,232	41.5	30.2	11.0	59.9	26.9	
33.5	176.0	18.3	157.8	4,257	37.1	26.5	10.2	64.7	31.9	
42.2	186.2	16.7	169.5	4,682	36.2	25.5	10.3	67.8	37.2	
7.3	210.3	29.6	180.6	5,073	35.6	24.5	10.8	74.8	42.0	51

TABLE 1 Output, costs and employment, 1974-1977
All United Kingdom establishments classified to mining, manufacturing, construction, gas, electricity and water (a)

Standard Industrial Classification Orders or minimum list heading (b)	Industry	Year	Sales of goods produced, receipts for work done and services rendered	Merchanted goods	Increase during year in work in progress and goods on hand for sale	Gross output	Cost of purchases (c)	Cost of industrial services, increase during the year of materials, stores and fuel (d)	Net output	Cost of non-industrial services, rates, motor vehicle licences	Gross value added at factor cost		Employment			Wages and salaries		Percentage response in 1977
											Total	per head	Total (e)	Operatives	Others (f)	Operatives	Others (f)	
											£ million	£	Thousand	Thousand	Thousand	£ million	£ million	
ORDER VII Mechanical engineering (continued)																		
336	Construction and earth-moving equipment	1974	429.2	103.2	32.6	565.0	366.7	-6.7	205.0	24.3	180.7	4,434	40.8	26.9	13.7	57.2	33.4	
		1975	580.7	120.7	36.2	737.6	415.2	11.4	311.0	31.3	279.7	6,926	40.3	26.8	13.4	76.4	42.0	
		1976R	686.2	238.4	35.3	959.9	592.2	2.0	365.8	44.3	321.5	7,884	40.8	26.6	14.0	85.1	52.0	
		1977	819.2	244.9	32.9	1,097.0	709.2	3.3	384.4	52.9	331.6	7,895	42.0	27.5	14.4	97.4	58.7	93
337	Mechanical handling equipment	1974	486.8	35.0	36.0	557.8	309.7	-4.1	252.2	29.8	222.4	3,393	65.5	41.2	24.0	89.6	52.0	
		1975	697.6	41.3	34.5	773.4	411.2	19.8	342.4	40.0	302.5	4,461	67.8	43.6	23.7	119.1	67.2	
		1976	757.5	44.3	21.7	823.5	409.3	28.3	385.9	47.6	338.3	5,361	63.1	39.5	23.1	123.4	78.3	
		1977	909.2	46.4	50.3	1,006.0	525.7	7.0	473.2	59.4	413.8	6,318	65.5	40.9	24.1	134.7	87.2	64
338	Office machinery	1974	163.8	20.4	15.2	199.5	97.2	-1.8	104.1	6.7	97.4	3,444	28.3	18.3	10.0	33.0	23.6	
		1975	183.5	19.8	0.6	203.8	99.3	-0.5	105.0	7.0	98.0	4,091	24.0	15.2	8.7	34.8	23.9	
		1976	206.3	16.5	2.7	225.5	118.2	-10.5	117.8	11.5	106.3	4,642	22.9	12.8	10.0	34.0	34.5	
		1977	282.7	14.7	16.9	314.2	173.9	8.0	132.4	28.2	104.2	4,652	22.4	13.7	8.7	47.4	34.4	27
339 (1)	Mining machinery	1974	206.5	22.5	13.7	242.8	147.6	2.2	92.9	9.1	83.9	3,677	22.8	14.9	7.9	30.7	18.9	
		1975	314.2	21.5	16.2	352.0	201.5	10.8	139.6	12.1	127.6	5,316	24.0	15.9	8.1	43.8	24.8	
		1976	374.8	36.0	-2.7	408.1	241.4	15.4	151.3	16.2	135.1	5,606	24.1	15.8	8.2	47.4	28.7	
		1977	412.2	35.6	13.2	461.0	268.0	10.4	182.7	19.8	162.9	6,704	24.3	15.6	8.6	53.1	33.7	87
339 (2)	Printing, bookbinding and paper goods machinery	1974	122.8	14.2	8.2	145.1	59.5	1.8	83.9	6.1	77.8	4,043	19.2	12.2	6.9	23.3	16.1	
		1975	163.8	11.2	2.0	177.0	71.1	8.5	97.4	11.6	85.8	4,103	20.9	13.3	7.4	30.9	22.3	
		1976	151.9	15.5	0.3	167.7	75.6	5.5	86.6	12.5	74.1	4,411	16.8	10.7	5.8	28.8	20.2	
		1977	241.4	35.5	7.6	284.6	127.9	6.3	150.4	21.0	129.4	6,191	20.9	12.9	7.8	41.0	29.0	60
339 (3)(4)	Refrigerating machinery, space-heating, ventilating and air-conditioning equipment	1974	351.6	19.0	12.2	382.8	194.4	-2.0	190.3	21.2	169.1	3,574	47.3	30.7	16.2	61.6	38.1	
		1975	411.4	17.9	2.8	432.1	202.6	17.5	212.0	29.4	182.7	3,931	46.5	30.6	15.2	78.1	43.0	
		1976	461.9	29.0	12.3	503.2	257.3	-0.1	246.0	34.5	211.5	4,568	46.3	29.4	16.0	86.7	51.5	
		1977	661.3	30.0	15.0	706.4	360.7	5.0	340.7	43.9	296.8	6,145	48.3	31.5	16.1	105.8	59.6	54
339 (5)(6)	Scales and weighing machinery and portable power tools	1974	95.5	5.5	4.5	105.5	43.1	-3.4	65.8	5.0	60.8	4,459	13.6	8.5	5.1	15.9	10.6	
		1975	105.3	4.9	1.9	112.1	39.3	3.8	68.9	8.5	60.4	4,593	13.2	8.3	4.8	19.3	12.0	
		1976	118.8	9.8	6.7	135.3	51.5	2.3	81.5	10.4	71.1	5,386	13.2	8.7	4.4	23.1	13.1	
		1977	145.2	16.4	7.2	168.7	75.9	0.1	92.7	13.6	79.0	5,985	13.2	8.9	4.3	27.5	15.4	35
339 (7)(8)	Food and drink processing machinery and packaging and bottling machinery	1974	200.7	24.5	17.4	242.6	112.0	2.4	128.2	13.8	114.5	3,628	31.5	18.1	13.3	39.2	31.6	
		1975	249.2	37.7	9.1	295.9	135.8	12.5	147.6	16.8	130.8	4,385	29.8	17.3	12.4	46.3	37.3	
		1976	300.1	66.6	-4.0	362.7	165.4	17.3	180.0	22.3	157.7	5,205	30.3	17.6	12.5	50.7	42.4	
		1977	344.5	39.5	23.3	407.2	183.7	17.0	206.4	24.6	181.8	6,040	30.1	17.7	12.2	59.4	47.5	66
339 (9)	Miscellaneous (non-electrical) machinery	1974	535.5	47.7	51.2	634.3	322.1	3.7	308.6	33.3	275.3	3,199	86.0	55.2	30.2	105.7	72.5	
		1975	656.7	66.4	40.5	763.5	382.7	22.2	358.6	44.5	314.1	3,919	80.1	50.3	28.8	121.7	83.2	
		1976	782.3	85.0	16.1	883.4	448.4	24.4	410.6	63.1	347.5	4,274	81.3	51.2	29.2	148.2	97.8	
		1977	917.2	114.9	12.8	1,044.9	487.6	20.8	536.5	76.1	460.4	5,649	81.5	50.9	29.6	164.4	112.1	61
341	Industrial (including process) plant and steelwork	1974	1,394.6	57.0	282.3	1,733.9	777.0	144.8	812.2	78.9	733.3	4,448	164.9	97.5	66.6	228.3	185.8	
		1975	1,780.3	75.7	74.0	1,930.0	768.0	156.5	1,005.5	150.6	854.9	5,240	163.2	94.2	67.5	275.1	233.5	
		1976R	2,479.2	64.0	111.0	2,654.3	1,044.8	266.4	1,343.1	171.6	1,171.5	7,299	160.5	97.7	61.4	339.7	250.2	
		1977	2,909.5	55.2	93.4	3,058.1	1,441.8	205.0	1,411.4	194.8	1,216.6	7,102	171.3	101.3	68.5	408.7	289.0	53

TABLE 1 Output, costs and employment, 1974-1977
All United Kingdom establishments classified to mining, manufacturing, construction, gas, electricity and water (a)

Standard Industrial Classification Orders or minimum list heading (b)	Industry	Year	Sales of goods produced, receipts for work done and services rendered	Merchanted goods	Increase during year in work in progress and goods on hand for sale	Gross output	Cost of purchases (c)	Employment			Wages and salaries		Percentage response in 1977			
								Total	Operatives	Others (f)	Operatives	Others (f)				
			£ million	£ million	£ million	£ million	£ million	£ million	£	Thousand	Thousand	Thousand	£ million	£ million	%	
ORDER VII Mechanical engineering (continued)																
342	Ordnance and small arms	1974	135.1	6.7	8.2	150.0	71.3									
		1975	162.3	9.2	10.4	181.9	100.3									
		1976	168.4	12.8	18.4	199.6	173.5									
		1977	289.0	11.8	33.8	334.6	205.8									
349 (1)	Ball, roller, plain and other bearings	1974	179.8	30.8	8.5	219.1	97.0									
		1975	221.3	35.3	16.5	273.1	120.8									
		1976	246.4	44.4	10.0	300.8	133.9									
		1977	287.5	52.9	12.7	353.1	166.3									
349 (2)(3)	Precision chains and other mechanical engineering	1974	767.0	29.8	29.2	826.0	331.4									
		1975	875.7	31.8	15.1	922.6	341.5									
		1976	1,057.5	53.2	24.2	1,134.9	451.3									
		1977	1,235.3	67.6	38.2	1,341.1	534.0									
ORDER VIII Instrument engineering																
		1974	831.4	79.1	57.2	967.9	448.1									
		1975	1,021.4	84.0	30.1	1,135.5	485.5									
		1976R	1,260.0	125.4	27.6	1,412.9	590.3									
		1977	1,515.7	165.5	52.4	1,733.6	759.3									
351	Photographic and document copying equipment	1974	102.0	4.4	5.5	111.9	73.0									
		1975	103.8	4.9	5.4	114.1	72.7									
		1976R	121.6	15.3	0.2	137.0	87.8									
		1977	137.9	10.3	5.6	153.8	97.9									
352	Watches and clocks	1974	52.4	2.1	3.0	57.5	24.5									
		1975	66.5	1.2	1.1	68.9	29.1									
		1976	81.3	2.9	-0.7	83.5	33.7									
		1977	108.6	2.8	5.5	116.9	58.0									
353	Surgical instruments and appliances	1974	139.5	22.8	8.6	171.0	73.8									
		1975	169.6	28.5	5.2	203.3	84.3									
		1976	199.3	38.0	1.0	238.3	104.2									
		1977	234.2	59.9	9.0	303.1	137.3									
354	Scientific and industrial instruments and systems	1974	537.5	49.8	40.1	627.5	276.8									
		1975	681.5	49.4	18.4	749.2	299.4									
		1976	857.8	69.2	27.1	954.1	364.6									
		1977	1,034.9	92.6	32.3	1,159.8	466.2									
ORDER IX Electrical engineering																
		1974	5,393.0	435.0	249.2	6,077.5	3,198.8									
		1975	6,271.8	423.7	183.5	6,879.1	3,365.1									
		1976R	7,849.8	696.6	177.7	8,724.2	4,610.0									
		1977	9,358.9	969.4	245.0	10,573.2	5,487.8									
361	Electrical machinery	1974	922.4	83.2	68.7	1,074.4	583.6									
		1975	1,154.0	89.1	88.5	1,331.5	687.2									
		1976	1,527.2	206.4	107.7	1,841.3	932.2									
		1977	1,756.4	197.4	26.7	1,980.4	987.4									

Cost of industrial services, increase during the year of materials, stores and fuel (d)	Net output	Cost of non-industrial services, rates, motor vehicle licences	Gross value added at factor cost		Employment			Wages and salaries		Percentage response in 1977
			Total	per head	Total (e)	Operatives	Others (f)	Operatives	Others (f)	
£ million	£ million	£ million	£ million	£	Thousand	Thousand	Thousand	£ million	£ million	%
3.0	75.7	3.9	71.8	3,626	19.8	14.5	5.3	30.0	15.1	
-3.6	85.2	5.4	79.8	4,256	18.8	13.6	5.1	35.0	19.1	
-21.4	47.5	6.4	41.1	1,986	20.7	15.2	5.4	48.4	21.1	93
-4.7	133.6	6.0	127.6	6,380	20.0	14.6	5.4	50.2	22.1	
-0.2	122.3	8.6	113.7	3,281	34.7	25.9	8.8	51.7	20.8	
4.2	148.1	11.7	136.3	4,041	33.7	25.0	8.7	64.7	27.2	
2.5	164.4	16.5	147.9	4,725	31.3	22.9	8.4	68.4	30.1	
2.9	183.9	17.6	166.3	5,230	31.8	23.3	8.5	76.0	32.9	98
14.4	480.2	41.3	438.9	3,180	138.0	103.2	32.1	198.3	74.1	
33.4	547.7	46.3	501.3	3,882	129.2	93.9	30.4	228.9	87.0	
22.7	660.9	99.5	561.4	4,315	130.1	90.0	34.0	252.8	112.5	
41.8	765.2	110.4	654.8	4,968	131.8	94.5	32.4	288.8	120.8	51
0.1	519.5	57.8	461.7	2,913	158.5	98.6	58.0	167.3	136.7	
18.1	631.8	75.6	556.2	3,520	158.0	97.4	58.7	205.8	172.5	
24.5	789.1	98.8	699.3	4,349	160.8	96.4	62.5	243.0	211.9	
23.7	950.6	121.0	829.6	5,143	161.3	96.4	62.9	270.4	238.4	64
-1.1	39.9	5.0	34.9	3,456	10.1	5.8	4.1	12.5	10.7	
-0.2	41.6	7.1	34.5	3,708	9.3	5.5	3.7	14.8	12.4	
3.7	45.5	8.1	37.4	4,065	9.2	5.4	3.7	17.4	14.6	
11.2	44.7	8.8	35.9	3,856	9.3	5.5	3.7	20.6	17.4	77
-0.4	33.4	1.9	31.5	2,240	14.1	11.3	2.7	16.1	6.6	
1.6	38.1	2.6	35.5	2,692	13.2	10.1	3.0	20.4	8.4	
0.5	49.3	4.2	45.1	3,417	13.2	9.0	4.1	22.5	13.7	
1.2	57.8	6.1	51.7	4,037	12.8	9.4	3.3	25.9	12.2	77
-2.9	100.0	9.8	90.2	2,858	31.6	22.7	8.2	35.8	16.9	
2.1	116.9	10.8	106.1	3,430	30.9	22.1	8.0	42.1	21.8	
2.4	131.7	15.6	116.1	3,832	30.3	22.0	7.6	50.4	24.1	
-1.4	167.2	20.8	146.4	4,768	30.7	21.1	8.8	54.1	30.2	50
4.5	346.2	41.1	305.1	2,970	102.7	58.8	43.0	102.9	102.5	
14.6	435.2	55.1	380.1	3,633	104.6	59.7	44.0	128.5	129.9	
17.9	571.6	70.9	500.7	4,632	108.1	60.0	47.1	152.7	159.5	
12.6	681.0	85.3	595.7	5,491	108.5	60.4	47.0	169.8	178.6	65
37.8	2,840.9	261.1	2,579.7	3,271	788.7	529.2	256.7	866.1	627.6	
175.7	3,338.0	324.9	3,013.4	4,043	745.3	492.9	172.0	1,068.3	765.2	
156.4	3,957.6	445.7	3,512.2	4,784	734.1	472.6	258.2	1,227.6	906.7	
164.6	4,920.8	558.5	4,362.3	5,862	744.2	477.9	263.3	1,359.0	1,037.0	65
-16.1	506.8	39.9	466.9	3,283	142.2	91.9	49.7	170.0	117.8	
25.7	618.6	53.2	565.4	3,958	142.9	90.6	51.6	223.6	153.8	
36.4	872.7	70.7	802.0	5,620	142.7	86.6	55.4	245.7	186.4	
35.0	958.1	78.0	880.0	6,193	142.1	87.4	54.0	276.0	203.9	74

TABLE 1 Output, costs and employment, 1974-1977
All United Kingdom establishments classified to mining, manufacturing, construction, gas, electricity and water (a)

Standard Industrial Classification Orders or minimum list heading (b)	Industry	Year	Sales of goods produced, receipts for work done and services rendered	Merchanted goods	Increase during year in progress and goods on hand for sale	Gross output	Cost of purchases (c)
			£ million	£ million	£ million	£ million	£ million
ORDER IX Electrical engineering (continued)							
362	Insulated wires and cables	1974	705.2	(m)	12.3	717.5	542.4
		1975	657.8	(m)	-6.1	651.7	423.0
		1976R	741.3	(m)	21.6	762.9	500.5
		1977	951.0	22.9	4.3	978.1	597.2
363	Telegraph and telephone apparatus and equipment	1974	488.3	61.8	22.9	573.0	234.3
		1975	569.6	18.8	15.0	603.5	224.2
		1976	809.5	59.8	-12.0	857.3	381.5
		1977	789.8	25.7	10.0	825.5	290.4
364	Radio and electronic components	1974	649.4	108.4	21.4	779.1	357.1
		1975	676.7	103.8	2.2	782.6	332.5
		1976R	848.3	146.5	12.8	1,007.7	465.1
		1977	1,099.0	193.2	27.8	1,320.0	600.1
365 (1)	Gramophone records and tape recordings	1974	94.9	(m)	2.3	97.2	32.4
		1975	113.2	16.3	-1.6	127.9	45.5
		1976	141.8	(m)	1.3	143.2	45.3
		1977	122.8	20.7	1.6	145.2	43.6
365 (2)	Broadcast receiving and sound-reproducing equipment	1974	458.4	26.4	18.1	502.9	308.6
		1975	471.2	17.2	6.1	494.5	323.1
		1976R	595.5	31.3	-11.5	615.3	476.1
		1977	574.8	26.7	28.8	630.3	431.0
366	Electronic computers	1974	390.9	40.4	14.6	446.0	226.8
		1975	498.7	47.7	7.7	554.1	242.5
		1976	602.2	62.6	12.7	681.5	365.5
		1977	1,115.4	160.7	27.9	1,304.1	849.1
367	Radio, radar and electronic capital goods	1974	563.7	37.8	47.6	649.1	266.5
		1975	753.8	45.0	53.6	852.5	357.5
		1976	994.8	68.3	24.9	1,088.0	554.3
		1977	1,107.6	118.7	49.3	1,275.5	547.4
368	Electrical appliances primarily for domestic use	1974	465.3	35.4	19.2	520.0	308.2
		1975	566.3	41.9	16.6	624.8	339.1
		1976	653.9	63.4	-2.6	714.7	407.8
		1977	764.5	80.6	34.9	880.0	548.1
369 (1)	Electrical equipment for motor vehicles, cycles and aircraft	1974	223.9	12.1	5.3	241.3	111.0
		1975	292.2	14.2	4.3	310.7	137.2
		1976	296.6	20.4	4.6	321.5	146.1
		1977	343.7	64.2	19.9	427.8	193.9
369 (2)(3)	Primary and secondary batteries	1974	141.2	14.8	9.0	165.0	65.8
		1975	188.3	17.4	-4.4	201.3	95.0
		1976	244.0	23.7	6.9	274.6	135.3
		1977	272.8	25.4	6.3	304.5	147.6

Cost of industrial services, increase during the year of materials, stores and fuel (d)	Net output	Cost of non-industrial services, rates, motor vehicle licences	Gross value added at factor cost		Employment			Wages and salaries		Percentage response in 1977
			Total	per head	Total (e)	Operatives	Others (f)	Operatives	Others (f)	
£ million	£ million	£ million	£ million	£	Thousand	Thousand	Thousand	£ million	£ million	%
1.8	173.4	21.0	152.3	3,289	46.3	32.2	14.1	68.5	34.8	
22.4	206.2	23.5	182.7	4,208	43.4	30.0	13.3	81.5	41.1	
13.2	249.1	28.0	221.1	5,276	41.9	29.3	12.6	87.8	44.3	37
37.6	343.2	45.9	297.3	6,667	44.6	30.4	14.2	106.1	54.0	
0.3	338.4	21.9	316.6	3,050	103.8	73.4	30.3	121.4	72.0	
6.0	373.3	27.9	345.4	3,514	98.3	69.2	29.0	147.7	86.5	
40.0	435.8	65.2	370.6	3,762	98.5	64.2	34.2	183.4	124.0	68
8.9	526.1	47.6	478.5	5,235	91.4	58.9	32.5	172.8	126.4	
1.0	421.0	35.3	385.7	2,858	135.0	99.4	34.9	130.4	83.2	
24.9	425.2	43.1	382.1	3,272	116.8	83.2	32.9	143.1	100.2	
6.9	535.6	52.9	482.8	4,401	109.7	77.3	31.7	158.7	106.8	63
23.2	696.8	67.4	629.4	5,206	120.9	85.1	35.0	201.9	136.5	
14.3	50.5	5.8	44.7	6,578	6.8	4.8	2.0	8.0	4.2	
26.5	55.8	8.8	47.1	6,603	7.1	4.9	2.2	11.2	6.5	
26.0	71.9	13.5	58.4	7,653	7.6	5.3	2.3	13.8	7.6	75
22.2	79.4	20.9	58.5	8,244	7.1	5.2	1.9	17.2	6.5	
19.7	174.6	35.9	138.7	2,932	47.3	33.8	13.4	46.5	29.9	
6.9	164.5	30.4	134.2	3,095	43.4	31.5	11.8	61.1	33.6	
-8.9	148.1	30.6	117.5	2,872	40.9	29.2	11.5	71.1	37.5	75
4.5	194.8	37.4	157.4	4,067	38.7	26.6	12.0	65.8	41.8	
4.4	214.8	17.2	197.6	6,988	28.3	10.8	17.5	23.2	51.5	
19.5	292.1	18.1	274.0	9,990	27.4	11.6	15.9	28.6	58.4	
12.2	303.8	20.9	283.0	10,586	26.7	11.2	15.5	34.6	67.3	
-1.9	456.8	62.9	394.0	11,760	33.5	11.3	22.2	41.0	115.8	28
3.9	378.8	30.1	348.6	3,773	92.4	41.8	50.2	78.5	124.0	
8.8	486.1	46.6	439.5	4,553	96.5	46.2	49.9	110.3	154.8	
19.7	514.0	68.1	445.9	4,437	100.5	49.4	50.8	139.6	180.4	
17.9	710.3	79.0	631.2	6,428	98.2	47.3	50.5	150.7	200.1	71
6.0	205.7	25.4	180.3	2,561	70.4	51.0	19.3	78.1	45.8	
15.9	269.8	34.5	235.3	3,663	64.2	45.4	18.6	96.1	52.9	
8.2	298.7	49.7	249.0	4,089	60.9	40.3	20.2	99.6	67.7	
13.6	318.3	59.0	259.3	4,210	61.6	44.0	17.4	123.9	64.3	78
1.1	129.2	11.1	118.1	2,443	48.4	36.5	11.8	57.2	31.8	
6.2	167.2	11.6	155.7	3,729	41.7	31.7	10.0	63.4	34.9	
1.3	174.1	13.7	160.4	4,159	38.6	30.0	8.5	75.3	32.2	
2.0	232.0	25.6	206.3	4,959	41.6	32.8	8.8	78.3	33.1	35
-0.2	99.4	6.9	92.5	4,920	18.8	14.3	4.5	25.8	11.8	
3.6	102.8	11.0	91.8	4,947	18.6	13.5	5.0	34.0	15.6	
-0.9	140.2	12.8	127.5	6,749	18.9	13.8	5.1	40.6	18.2	
1.5	155.3	12.6	142.7	7,631	18.7	13.6	5.1	42.5	18.9	85

TABLE 1 Output, costs and employment, 1974-1977
All United Kingdom establishments classified to mining, manufacturing, construction, gas, electricity and water (a)

Standard Industrial Classification Orders or minimum list heading (b)	Industry	Year	Sales of goods produced, receipts for work done and services rendered	Merchanted goods	Increase during year in work in progress and goods on hand for sale	Gross output	Cost of purchases (c)
			£ million	£ million	£ million	£ million	£ million
ORDER IX Electrical engineering (continued)							
369 (4)(5)	Electrical lamps, electric light fittings, wiring accessories, etc.	1974	289.4	14.7	7.8	312.0	162.1
		1975	330.0	12.3	1.6	344.0	158.3
		1976	390.7	14.2	11.3	416.2	200.3
		1977	461.1	33.2	7.4	501.8	251.9
ORDER X 370	Shipbuilding and marine engineering	1974	839.8	9.9	180.0	1,029.8	459.9
		1975	1,017.1	11.7	184.3	1,213.0	524.4
		1976	1,357.3	93.8	87.5	1,538.6	702.1
		1977	1,498.8	118.9	242.8	1,860.5	832.2
ORDER XI	Vehicles	1974	6,436.8	382.4	371.9	7,191.2	3,756.4
		1975	7,938.8	622.1	376.5	8,937.4	5,240.4
		1976	9,333.0	830.3	393.0	10,556.3	6,129.6
		1977	10,854.2	1,306.3	549.1	12,704.5	7,065.2
380	Wheeled tractor manufacturing	1974	388.4	20.6	17.8	426.8	275.3
		1975	554.9	27.0	29.0	611.0	404.2
		1976	766.7	41.7	27.4	835.8	533.9
		1977	959.8	44.2	11.0	1,014.9	679.6
381 (1)	Motor vehicle manufacturing	1974	4,152.5	315.5	144.2	4,612.2	2,528.8
		1975	5,115.4	538.9	68.5	5,722.8	3,617.3
		1976	5,826.3	717.6	198.1	6,742.0	4,182.8
		1977	6,571.1	1,176.8	435.2	8,183.1	4,743.3
381 (2)	Trailers, caravans and freight containers	1974	217.0	6.8	2.9	226.7	148.2
		1975	248.2	7.3	-2.1	253.4	159.3
		1976	281.5	11.9	3.4	296.8	202.4
		1977	406.0	14.1	14.5	434.7	299.2
382	Motor cycle, tricycle and pedal cycle manufacturing	1974	83.3	0.6	3.0	87.0	45.9
		1975	107.3	1.1	3.7	112.1	50.7
		1976	121.0	2.8	-1.0	122.8	59.9
		1977	113.5	3.7	3.4	120.5	64.1
383	Aerospace equipment manufacturing and repairing	1974	1,404.2	24.6	199.5	1,628.3	667.5
		1975	1,698.2	29.1	257.3	1,984.5	869.7
		1976	2,046.1	41.0	157.4	2,244.5	1,000.3
		1977	2,487.2	49.7	55.1	2,592.0	1,092.2
384, 385	Locomotives, railway track equipment, railway carriages, wagons and trams	1974	191.4	14.3	4.5	210.2	90.7
		1975	214.8	18.7	20.1	253.6	139.2
		1976	291.4	15.3	7.7	314.4	150.3
		1977	316.6	17.8	29.9	364.3	186.8
ORDER XII	Metal goods not elsewhere specified	1974	4,102.4	196.1	113.6	4,412.2	2,412.7
		1975	4,632.0	189.3	64.9	4,886.2	2,488.4
		1976	5,899.9	298.3	130.7	6,328.9	3,441.7
		1977	6,866.3	399.1	190.4	7,455.8	4,061.6

Cost of industrial services, increase during the year of materials, stores and fuel (d)	Net output	Cost of non-industrial services, rates, motor vehicle licences	Gross value added at factor cost		Employment			Wages and salaries		Percentage response in 1977
			Total	per head	Total (e)	Operatives	Others (f)	Operatives	Others (f)	
£ million	£ million	£ million	£ million	£	Thousand	Thousand	Thousand	£ million	£ million	%
1.6	148.3	10.6	137.7	2,810	49.0	39.3	9.0	58.5	20.8	
9.3	176.4	16.2	160.2	3,561	45.0	35.1	9.2	67.7	26.9	
2.3	213.6	19.6	194.0	4,110	47.2	36.0	10.4	77.4	34.3	
0.1	249.7	22.1	227.6	4,971	45.8	35.3	9.8	82.9	35.8	63
44.5	525.4	40.0	485.4	2,705	179.4	139.0	39.8	296.7	110.5	
58.6	630.0	41.7	588.3	3,319	177.3	137.1	39.5	378.3	138.5	
108.0	728.5	47.9	680.6	3,852	176.7	134.3	41.5	429.4	165.8	
109.7	918.6	59.0	859.6	4,878	176.2	133.5	42.0	469.2	180.6	80
99.4	3,335.3	276.9	3,058.3	3,817	801.3	567.2	232.4	1,287.3	630.7	
223.8	3,472.9	346.5	3,126.4	3,973	787.0	555.8	229.3	1,553.2	784.2	
271.6	4,155.1	442.8	3,712.3	4,846	766.1	534.4	229.8	1,748.5	918.4	
330.3	5,314.1	530.9	4,783.1	6,048	790.8	562.6	226.4	1,974.6	975.3	84
3.2	148.3	12.2	136.1	4,630	29.4	21.8	7.6	51.2	22.1	
7.1	199.6	13.1	186.5	5,910	31.6	23.6	7.9	72.9	29.5	
8.9	293.0	23.6	269.4	8,239	32.7	24.5	8.2	89.2	35.0	
14.5	320.8	26.6	294.2	8,862	33.2	25.4	7.8	95.8	38.8	82
-1.6	2,085.0	173.0	1,912.0	3,963	482.4	371.1	110.0	863.2	319.3	
65.9	2,039.6	218.5	1,821.1	3,940	462.2	358.5	102.3	1,003.1	374.0	
55.1	2,504.1	285.7	2,218.4	5,029	441.1	339.7	99.9	1,126.0	429.1	
91.1	3,348.7	333.2	3,015.4	6,358	474.3	371.0	101.9	1,321.4	465.6	85
-0.6	79.1	9.1	70.0	3,628	19.3	15.6	3.6	32.5	8.5	
6.7	87.4	10.3	77.1	3,984	19.4	15.0	4.2	36.1	12.6	
-9.4	103.8	11.2	92.6	5,088	18.2	14.0	4.1	40.3	13.6	
-6.2	141.6	14.3	127.3	6,527	19.5	15.2	4.2	51.3	16.2	63
-0.9	42.0	3.8	38.1	2,412	15.8	12.1	3.6	20.4	7.9	
4.6	56.7	4.8	51.9	3,388	15.3	11.6	3.7	24.5	8.6	
2.9	60.0	5.8	54.2	3,844	14.1	10.3	3.7	25.3	11.2	
-4.2	60.6	6.4	54.2	4,165	13.0	9.8	3.1	23.3	11.3	85
105.7	855.0	74.5	780.5	3,627	215.2	114.7	100.3	251.3	254.0	
160.7	954.0	94.1	859.9	3,957	217.3	113.3	103.8	326.7	334.8	
215.0	1,029.2	109.1	920.1	4,234	217.3	110.8	106.3	360.6	400.2	
235.7	1,264.2	139.7	1,124.5	5,388	208.7	106.6	101.9	368.9	412.6	82
-6.4	125.9	4.3	121.6	3,099	39.2	31.9	7.3	68.7	18.9	
-21.2	135.6	5.7	129.9	3,152	41.2	33.8	7.4	89.9	24.7	
-0.9	165.0	7.4	157.6	3,691	42.7	35.1	7.6	107.1	29.3	
-0.6	178.2	10.7	167.5	3,978	42.1	34.6	7.5	113.9	30.8	95
13.0	1,986.6	206.2	1,780.2	3,206	555.3	421.8	122.5	751.2	281.2	
137.5	2,260.2	249.7	2,010.7	3,780	531.9	399.2	121.7	886.8	347.2	
15.3	2,871.9	405.5	2,466.4	4,682	526.8	392.1	129.6	1,035.2	426.9	
151.5	3,242.8	439.1	2,803.6	5,280	531.0	393.5	126.3	1,163.7	467.1	57

TABLE 1 Output, costs and employment, 1974-1977
All United Kingdom establishments classified to mining, manufacturing, construction, gas, electricity and water (a)

Standard Industrial Classification Orders or minimum list heading (b)	Industry	Year	Sales of goods produced, receipts for work done and services rendered	Merchanted goods	Increase during year in work in progress and goods on hand for sale	Gross output	Cost of purchases (c)	Cost of industrial services, increase during the year of materials, stores and fuel (d)	Net output	Cost of non-industrial services, rates, motor vehicle licences	Gross value added at factor cost		Employment			Wages and salaries		Percentage response in 1977
											Total	per head	Total (e)	Operatives	Others (f)	Operatives	Others (f)	
			£ million	£ million	£ million	£ million	£ million	£ million	£ million	£ million	£ million	£	Thousand	Thousand	Thousand	£ million	£ million	%
ORDER XII Metal goods not elsewhere specified (continued)																		
390	Engineers' small tools and gauges	1974	335.5	17.0	13.9	366.4	118.9	4.1	243.4	16.5	226.9	3,296	68.9	51.4	15.9	103.2	37.9	
		1975	368.5	16.1	13.1	397.8	125.1	11.7	260.9	21.0	240.0	3,668	65.4	48.6	15.2	118.4	44.9	
		1976	390.6	18.8	14.4	423.8	139.1	6.2	278.5	28.7	249.8	4,136	60.4	44.1	14.6	121.6	49.5	
		1977	508.7	25.7	17.1	551.5	188.0	9.5	354.0	35.5	318.5	5,196	61.3	44.8	15.0	137.2	57.3	53
391	Hand tools and implements	1974	95.5	5.4	6.8	107.8	47.6	-2.1	62.3	6.3	55.9	2,906	19.3	15.3	3.6	22.1	8.8	
		1975	102.1	6.6	3.9	112.5	43.5	1.2	67.8	7.0	60.8	3,668	16.6	13.0	3.3	25.3	8.2	
		1976	135.3	19.6	4.1	159.0	65.5	3.3	90.2	10.3	79.9	4,592	17.4	12.8	4.3	31.6	12.0	
		1977	167.3	16.9	6.8	190.9	81.2	1.7	108.1	14.0	94.0	5,083	18.5	13.7	4.4	36.9	13.7	69
392	Cutlery, spoons, forks and plated tableware, etc.	1974	77.8	11.4	3.9	93.1	39.4	-0.1	53.8	5.5	48.3	3,368	14.3	11.1	3.0	16.9	7.5	
		1975	90.0	13.8	1.7	105.6	45.2	1.4	59.0	8.1	50.9	3,733	13.6	10.5	2.9	20.3	8.9	
		1976	101.2	18.7	3.2	123.1	53.3	1.2	68.6	15.4	53.2	4,000	13.3	10.1	2.9	21.3	11.0	
		1977	127.5	33.6	3.5	164.7	78.5	0.7	85.5	18.0	67.6	4,793	14.1	10.7	3.2	25.5	12.6	50
393	Bolts, nuts, screws, rivets, etc.	1974	241.9	17.8	7.9	267.5	136.3	4.9	126.3	11.9	114.4	3,001	38.1	28.8	9.1	50.1	19.9	
		1975	268.7	18.9	11.0	298.6	132.7	12.1	153.8	16.4	137.4	3,810	36.1	27.1	8.7	59.4	24.8	
		1976	303.2	25.2	7.2	335.6	160.1	10.4	165.1	23.1	142.0	4,226	33.6	24.6	8.7	63.6	28.4	
		1977	366.3	27.0	11.0	404.4	186.0	15.8	202.5	25.8	176.7	5,123	34.5	25.7	8.6	74.4	31.3	66
394	Wire and wire manufactures	1974	534.5	14.2	11.2	559.8	378.9	-3.6	184.6	19.6	164.9	4,042	40.8	30.6	9.9	60.6	22.0	
		1975	601.9	14.3	3.6	619.8	411.4	13.3	195.1	23.9	171.2	4,289	39.9	29.6	10.1	75.5	29.4	
		1976	713.0	21.0	14.5	748.5	499.2	-1.4	250.7	28.6	222.1	5,666	39.2	29.5	9.3	87.5	31.7	
		1977	801.7	26.5	5.0	833.3	562.6	17.6	253.1	36.4	216.7	5,657	38.3	29.0	9.0	95.2	36.0	70
395	Cans and metal boxes	1974	293.7	3.3	3.5	300.5	208.2	-4.8	97.1	12.4	84.7	2,944	28.8	23.0	5.7	40.2	13.7	
		1975	337.8	3.7	1.4	342.9	227.7	9.5	105.7	14.0	91.7	3,381	27.1	21.6	5.4	50.2	17.1	
		1976	461.8	5.7	8.9	476.4	332.0	-7.5	151.9	18.3	133.6	4,704	28.4	22.7	5.6	63.3	20.6	
		1977	521.1	7.1	11.3	539.5	359.5	-0.7	180.8	20.6	160.1	5,781	27.7	22.3	5.4	70.9	23.6	93
396	Jewellery and precious metals	1974	335.8	13.3	9.7	358.7	271.5	-3.6	90.9	7.5	83.4	4,295	19.4	12.7	5.9	24.5	13.6	
		1975	361.4	16.9	10.3	388.5	280.3	-5.9	114.1	8.7	105.4	5,772	18.3	12.0	5.4	26.7	16.4	
		1976	542.5	28.2	12.8	583.5	460.1	-16.6	140.0	33.3	106.7	5,586	19.1	11.4	6.9	29.8	24.9	
		1977	672.2	49.5	58.4	780.1	565.6	32.1	182.4	36.6	145.8	7,398	19.7	12.1	6.6	40.0	25.7	55
399 (1)	Metal furniture	1974	149.4	8.0	6.6	164.1	93.8	1.4	68.9	10.0	58.9	2,857	20.6	15.1	5.2	27.1	12.5	
		1975	160.2	7.1	-0.9	166.4	77.6	6.7	82.1	12.8	69.3	3,665	18.9	14.0	4.7	29.0	12.8	
		1976	198.4	12.0	4.7	215.1	117.9	0.8	96.4	15.3	81.1	4,337	18.7	13.8	4.6	35.9	14.5	
		1977	220.1	15.6	4.6	240.3	131.0	2.6	106.7	14.8	91.9	5,023	18.3	13.5	4.6	38.2	15.3	43
399 (5)	Drop forgings, etc.	1974	225.4	2.3	5.4	233.2	126.5	2.3	104.4	8.7	95.7	3,492	27.4	22.3	5.0	50.4	11.2	
		1975	281.7	1.6	4.2	287.5	151.4	7.9	128.2	11.4	116.9	4,308	27.1	21.9	5.2	62.6	15.5	
		1976	369.1	2.2	9.6	380.9	214.8	-3.2	169.3	14.9	154.4	5,199	29.7	23.8	5.9	80.1	20.0	
		1977	424.7	3.7	10.3	438.6	242.5	10.0	186.1	17.1	169.0	5,616	30.1	24.1	5.9	89.4	21.7	70
399 (6)(7)	Metal hollow-ware	1974	155.7	2.6	3.3	161.7	90.7	-0.2	71.1	8.1	63.0	3,497	18.0	14.2	3.5	26.7	8.8	
		1975	153.8	2.8	2.1	158.7	80.8	0.2	77.7	9.1	68.6	4,275	16.0	12.5	3.3	28.9	10.2	
		1976	218.1	3.6	1.9	223.6	131.1	-2.7	95.2	11.3	83.9	5,277	15.9	12.6	3.1	35.6	11.6	
		1977	266.9	3.8	4.4	275.1	156.5	1.7	116.9	15.8	101.1	6,017	16.8	13.2	3.3	41.4	13.2	59

TABLE 1 Output, costs and employment, 1974-1977
All United Kingdom establishments classified to mining, manufacturing, construction, gas, electricity and water (a)

Standard Industrial Classification Orders or minimum list heading (b)	Industry	Year	Sales of goods produced, receipts for work done and services rendered	Merchanted goods	Increase during year in work in progress and goods on hand for sale	Gross output	Cost of purchases (c)	Employment			Wages and salaries		Percentage response in 1977			
								Total	Operatives	Others (f)	Operatives	Others (f)				
			£ million	£ million	£ million	£ million	£ million	£ million	£	Thousand	Thousand	Thousand	£ million	£ million	%	
ORDER XII Metal goods not elsewhere specified (continued)																
399 (2)(3) (4)(8)(9)(10) (11)(12)	Miscellaneous metal manufacture	1974	1,657.2	100.8	41.4	1,799.4	900.9									
		1975	1,905.9	87.5	14.5	2,007.9	912.7									
		1976	2,466.7	143.3	49.4	2,659.4	1,268.6									
		1977	2,789.8	189.7	58.0	3,037.4	1,510.2									
ORDER XIII Textiles																
411	Production of man-made fibres	1974	623.4	18.8	36.5	678.8	364.6									
		1975	623.1	13.5	22.6	659.2	376.2									
		1976R	784.6	21.5	8.4	814.5	470.7									
		1977	841.0	33.0	-3.0	871.1	547.6									
412	Spinning and doubling on the cotton and flax systems	1974	446.3	4.3	14.4	464.9	281.7									
		1975	434.6	4.7	3.4	442.7	258.0									
		1976	562.0	5.7	14.8	582.5	349.4									
		1977	557.2	7.8	0.2	565.2	342.0									
413	Weaving of cotton, linen and man-made fibres	1974	400.3	9.1	30.8	440.3	270.1									
		1975	444.2	7.1	19.6	470.9	287.1									
		1976	534.2	18.8	6.4	559.4	367.9									
		1977	646.4	32.8	12.8	691.9	457.5									
414	Woollen and worsted	1974	828.2	45.2	12.4	885.8	529.5									
		1975	807.4	39.8	-8.3	838.9	465.0									
		1976	1,026.5	51.0	31.8	1,109.3	683.1									
		1977	1,285.0	34.6	30.8	1,350.4	822.6									
415	Jute	1974	62.2	6.2	1.7	70.2	41.3									
		1975	61.6	7.1	1.1	69.8	39.3									
		1976	78.6	9.4	-0.1	87.9	50.3									
		1977	94.8	9.2	1.4	105.4	64.2									
416	Rope, twine and net	1974	48.4	4.8	3.0	56.2	35.5									
		1975	53.8	5.5	0.3	59.5	37.5									
		1976	60.5	6.5	1.9	68.9	48.4									
		1977	78.2	10.6	1.1	89.9	56.3									
417 (1)	Hosiery and other knitted goods	1974	632.1	19.4	24.3	675.8	356.2									
		1975	686.1	13.3	-3.1	696.4	347.9									
		1976	801.9	18.5	18.7	839.1	431.7									
		1977	981.5	22.4	31.1	1,035.1	539.3									
417 (2)	Warp knitting	1974	117.1	3.2	11.1	131.5	76.9									
		1975	140.1	2.7	1.7	144.5	90.7									
		1976	161.2	8.4	-0.9	168.7	101.7									
		1977	183.7	10.9	-2.2	192.4	120.9									

Cost of industrial services, increase during the year of materials, stores and fuel (d)	Net output	Cost of non-industrial services, rates, motor vehicle licences	Gross value added at factor cost		Employment			Wages and salaries		Percentage response in 1977
			Total	per head	Total (e)	Operatives	Others (f)	Operatives	Others (f)	
£ million	£ million	£ million	£ million	£	Thousand	Thousand	Thousand	£ million	£ million	%
14.7	883.8	99.7	784.1	3,020	259.7	197.3	55.7	329.4	125.3	
79.4	1,015.8	117.3	898.5	3,553	252.9	188.4	57.5	390.5	159.0	
24.8	1,366.0	206.3	1,159.7	4,618	251.1	186.7	63.7	464.9	202.7	
60.5	1,466.7	204.5	1,262.2	5,015	251.7	184.4	60.3	514.6	216.7	50
173.5	1,835.8	194.8	1,640.8	2,855	574.6	470.5	102.0	720.6	234.3	
193.4	1,944.3	236.6	1,707.7	3,204	533.0	432.5	97.1	834.6	276.0	
120.7	2,372.7	273.7	2,098.9	4,096	512.4	413.5	95.0	968.8	306.8	
272.7	2,573.9	324.7	2,249.1	4,320	520.6	421.6	95.5	1,082.9	344.7	73
20.3	293.9	46.4	247.5	5,825	42.5	33.2	9.3	79.0	31.5	
26.3	256.7	54.8	201.8	5,035	40.1	31.3	8.8	95.2	37.6	
28.6	315.3	61.4	253.8	6,203	40.9	32.2	8.7	115.9	43.4	
31.8	291.8	70.0	221.7	5,292	41.9	33.0	8.9	125.3	51.1	87
14.1	169.1	13.6	155.5	2,568	60.5	52.2	8.2	76.3	18.6	
13.9	170.8	16.4	154.4	2,809	55.0	47.0	7.9	85.3	21.8	
-4.1	237.2	18.4	218.8	4,037	54.2	46.5	7.6	101.1	24.0	
21.1	202.0	18.0	184.0	3,659	50.3	43.6	6.6	105.0	21.7	75
16.0	154.2	14.0	140.2	2,859	49.0	42.3	6.6	65.0	15.2	
18.9	164.9	14.1	150.8	3,302	45.7	39.3	6.2	75.5	17.2	
17.7	173.8	18.4	155.4	3,572	43.5	37.0	6.3	83.9	19.4	
30.5	203.9	22.4	181.5	4,070	44.6	37.9	6.5	93.7	22.6	69
69.0	287.3	26.2	261.1	2,524	103.5	87.8	15.0	128.8	35.0	
45.3	328.6	29.7	298.9	3,216	92.9	77.9	14.3	145.6	40.2	
17.0	409.2	34.8	374.4	4,179	89.6	75.4	13.4	171.8	43.4	
75.1	452.8	41.3	411.5	4,639	88.7	74.8	13.3	186.5	47.0	75
0.3	28.7	2.4	26.2	2,697	9.7	8.2	1.5	11.9	3.4	
5.2	25.3	3.0	22.4	2,689	8.3	7.0	1.3	12.8	3.8	
3.1	34.5	3.2	31.3	3,771	8.3	6.9	1.4	16.1	4.6	
-0.2	41.4	4.2	37.2	4,178	8.9	7.5	1.4	18.8	5.2	70
-0.4	21.2	2.1	19.0	2,957	6.4	5.4	1.0	6.7	1.8	
2.2	19.8	3.0	16.8	2,767	6.1	5.2	0.8	9.0	1.8	
-1.8	22.3	3.8	18.5	3,190	5.8	5.0	0.7	10.6	1.7	
0.5	33.1	5.8	27.2	4,188	6.5	5.4	1.0	12.5	3.0	59
22.6	296.9	24.4	272.5	2,152	126.6	104.1	21.8	130.9	43.2	
29.9	318.6	31.1	287.4	2,444	117.6	95.3	21.5	145.6	51.8	
19.9	387.5	35.7	351.8	3,291	106.9	86.2	20.0	162.4	52.6	
40.1	455.6	42.5	413.2	3,682	112.2	91.2	20.3	191.8	61.7	67
6.7	47.8	5.9	41.9	3,400	12.3	9.3	3.0	17.8	6.1	
10.3	43.6	11.8	31.8	2,436	13.0	10.3	2.8	22.7	8.8	
11.5	55.5	9.2	46.3	3,675	12.6	9.6	2.9	26.3	9.0	
11.8	59.6	13.0	46.6	3,532	13.2	10.4	2.8	30.2	9.7	65

TABLE 1 Output, costs and employment, 1974-1977
All United Kingdom establishments classified to mining, manufacturing, construction, gas, electricity and water (a)

Standard Industrial Classification Orders or minimum list heading (b)	Industry	Year	Sales of goods produced, receipts for work done and services rendered	Merchanted goods	Increase during year in work in progress and goods on hand for sale	Gross output	Cost of purchases (c)
			£ million	£ million	£ million	£ million	£ million
ORDER XIII Textiles (continued)							
418	Lace	1974	23.6	0.6	1.0	25.2	13.3
		1975	23.0	1.4	0.1	24.6	12.1
		1976	29.8	2.5	1.2	33.5	16.9
		1977	38.8	0.8	0.6	40.3	19.7
419	Carpets	1974	439.7	16.0	10.3	466.1	285.0
		1975	460.3	15.4	6.7	482.4	276.1
		1976	564.9	29.6	9.4	603.9	371.4
		1977	596.0	31.1	12.4	639.5	372.9
421	Narrow fabrics	1974	81.8	3.7	1.6	87.1	45.0
		1975	85.9	2.8	0.8	89.4	43.7
		1976	122.3	4.6	3.1	130.0	62.7
		1977	130.2	5.6	3.0	138.8	69.0
422 (1)	Household textiles and handkerchiefs	1974	149.5	9.6	5.4	164.4	102.6
		1975	160.8	7.9	2.7	171.4	99.5
		1976	206.3	12.4	3.3	222.0	137.0
		1977	225.0	15.3	14.0	254.3	144.7
422 (2)	Canvas goods and sacks and other made-up textiles	1974	65.0	12.9	1.9	79.8	52.6
		1975	76.2	10.9	-0.3	86.8	55.4
		1976	85.4	13.7	0.4	99.5	67.7
		1977	100.9	13.9	3.2	118.0	80.2
423	Textile finishing	1974	219.4	7.5	1.8	228.7	92.9
		1975	261.0	1.9	1.6	264.5	105.2
		1976	316.6	4.1	3.6	324.3	131.2
		1977	363.2	7.8	3.3	374.3	162.3
429 (1)	Asbestos	1974	116.6	25.3	5.5	147.4	72.7
		1975	146.5	25.6	2.0	174.1	76.6
		1976	159.0	33.6	6.4	199.0	96.4
		1977	198.5	38.4	4.8	241.8	109.9
429 (2)	Miscellaneous textile industries	1974	63.3	1.6	1.2	66.1	39.3
		1975	66.0	1.9	-0.1	67.9	34.7
		1976	75.4	2.7	0.3	78.4	41.1
		1977	93.9	3.6	1.4	98.9	51.5
ORDER XIV Leather, leather goods and fur							
431	Leather (tanning and dressing) and fellmongery	1974	342.3	18.6	1.4	362.3	227.3
		1975	371.1	19.4	6.9	397.6	235.9
		1976	485.7	37.5	16.7	539.9	358.5
		1977	566.7	41.9	15.6	624.1	418.2
431	Leather (tanning and dressing) and fellmongery	1974	225.3	6.8	-1.3	230.8	160.8
		1975	240.2	7.9	5.8	253.9	168.5
		1976	329.1	9.4	11.3	349.8	252.7
		1977	391.7	13.5	9.5	414.6	302.2

Cost of industrial services, increase during the year of materials, stores and fuel (d)	Net output	Cost of non-industrial services, rates, motor vehicle licences	Gross value added at factor cost		Employment			Wages and salaries		Percentage response in 1977										
			Total	per head	Total (e)	Operatives	Others (f)	Operatives	Others (f)											
£ million	£ million	£ million	£ million	£	Thousand	Thousand	Thousand	£ million	£ million	%										
1.3	10.6	0.9	9.7	2,271	4.3	3.5	0.7	4.3	1.6	65										
											1.7	10.7	1.0	9.7	2,569	3.8	3.0	0.7	4.4	1.7
											2.2	14.4	1.1	13.3	3,410	3.9	2.9	0.9	5.5	3.3
											2.6	18.0	1.6	16.4	4,005	4.1	3.2	0.8	6.8	2.5
9.9	171.2	22.1	149.1	3,398	43.9	33.7	10.1	59.2	25.0	79										
											12.0	194.2	27.4	166.8	4,240	39.3	30.2	9.0	72.9	27.9
											8.8	223.7	32.9	190.8	5,157	37.0	27.9	9.0	86.9	32.7
											20.3	246.3	37.0	209.2	5,625	37.2	28.4	8.7	92.3	34.2
2.4	39.7	4.2	35.5	2,485	14.3	11.4	2.9	15.1	5.8	74										
											4.9	40.8	4.6	36.2	2,814	12.9	10.3	2.5	16.8	6.0
											5.4	61.9	6.3	55.6	3,861	14.4	11.3	2.9	22.6	7.7
											6.4	63.4	7.8	55.6	3,944	14.1	11.2	2.7	24.4	8.6
7.3	54.5	7.5	47.1	2,126	22.1	18.6	3.4	22.2	6.6	54										
											7.6	64.3	6.5	57.8	2,950	19.6	16.4	2.8	21.7	7.1
											6.9	78.1	8.9	69.2	3,443	20.1	16.5	3.2	27.1	9.0
											11.5	98.1	12.8	85.3	3,897	21.9	17.7	3.7	35.2	11.6
-1.9	29.1	2.5	26.7	2,614	10.2	8.0	2.1	9.4	4.2	40										
											1.0	30.3	4.5	25.8	2,508	10.3	7.8	2.0	11.9	5.2
											-1.6	33.4	5.7	27.7	3,184	8.7	6.4	1.8	10.8	5.2
											-2.2	40.0	7.4	32.6	3,362	9.7	7.3	2.0	13.8	6.7
4.6	131.2	12.2	118.9	2,644	45.0	35.9	8.9	60.5	19.5	76										
											9.8	149.4	14.4	135.1	3,060	44.1	34.9	8.9	72.4	23.7
											9.6	183.5	17.9	165.6	3,933	42.1	33.5	8.2	81.7	24.9
											11.2	200.8	20.1	180.7	4,252	42.5	33.3	8.8	91.0	29.2
-1.2	76.0	6.1	69.8	3,707	18.8	12.7	6.2	25.5	13.6	94										
											0.6	96.9	8.9	88.0	4,678	18.8	12.5	6.3	33.1	17.3
											-4.4	107.0	9.5	97.5	5,159	18.9	12.3	6.5	35.5	20.8
											9.5	122.4	10.9	111.5	5,932	18.8	12.4	6.4	42.1	23.4
2.5	24.4	4.3	20.1	3,657	5.5	4.2	1.3	8.0	3.2	73										
											3.8	29.4	5.4	24.0	4,363	5.5	4.1	1.3	9.7	4.1
											1.9	35.4	6.5	28.9	5,255	5.5	3.9	1.5	10.6	5.1
											2.7	44.7	9.9	34.9	5,816	6.0	4.3	1.6	13.5	6.5
6.8	128.3	14.0	114.2	2,637	43.3	35.0	7.3	51.3	16.8	55										
											1.7	160.0	19.8	140.2	3,314	42.3	34.0	7.1	59.5	21.1
											-12.6	194.0	26.1	167.9	4,065	41.3	32.5	7.1	66.5	23.5
											-0.6	206.5	28.8	177.9	4,266	41.7	33.3	7.2	76.9	26.8
5.7	64.3	6.7	57.6	3,063	18.8	15.1	3.6	27.2	9.1	74										
											0.9	84.5	8.9	75.6	4,055	18.7	15.0	3.5	32.7	10.9
											-9.1	106.2	13.0	93.2	5,121	18.2	14.5	3.3	36.0	12.1
											0.4	112.1	13.7	98.4	5,406	18.2	14.6	3.5	41.1	14.0

TABLE 1 Output, costs and employment, 1974-1977
All United Kingdom establishments classified to mining, manufacturing, construction, gas, electricity and water (a)

Standard Industrial Classification Orders or minimum list heading (b)	Industry	Year	Sales of goods produced, receipts for work done and services rendered	Merchanted goods	Increase during year in work in progress and goods on hand for sale	Gross output	Cost of purchases (c)
			£ million	£ million	£ million	£ million	£ million
ORDER XIV Leather, leather goods and fur (continued)							
432	Leather goods	1974	78.3	10.7	2.2	91.3	47.0
		1975	92.4	9.7	1.1	103.3	49.1
		1976	108.5	21.5	2.3	132.3	73.4
		1977	126.0	23.9	2.9	152.8	86.2
433	Fur	1974	38.7	1.1	0.5	40.2	19.5
		1975	38.5	1.8	-	40.4	18.3
		1976	48.1	6.6	3.1	57.8	32.4
		1977	49.0	4.5	3.2	56.7	29.8
ORDER XV Clothing and footwear							
		1974	1,863.3	132.3	45.7	2,041.4	1,030.4
		1975	2,102.8	140.0	30.2	2,273.3	1,098.5
		1976	2,429.4	181.6	38.7	2,649.7	1,352.5
		1977	2,860.2	241.8	79.7	3,181.4	1,613.8
441	Weather proof outerwear	1974	76.6	4.5	2.8	83.9	42.4
		1975	93.1	5.0	3.1	101.2	52.6
		1976	108.5	9.4	0.5	118.4	61.5
		1977	136.7	9.1	4.3	150.1	80.7
442	Men's and boys' tailored outerwear	1974	307.2	29.8	10.8	347.8	177.1
		1975	362.9	35.4	6.4	404.7	192.9
		1976	388.7	24.7	-	413.4	198.6
		1977	402.9	43.2	9.0	455.1	219.4
443	Women's and girls' tailored outerwear	1974	221.5	6.6	3.0	231.1	108.5
		1975	260.4	4.6	5.0	270.1	117.2
		1976	282.2	10.7	7.5	300.4	149.0
		1977	362.1	12.4	8.1	382.6	180.6
444	Overalls and men's shirts, underwear, etc.	1974	203.3	13.1	4.8	221.2	124.5
		1975	235.4	14.7	3.8	253.9	134.9
		1976	256.6	19.6	5.5	281.7	157.7
		1977	320.0	19.0	15.3	354.2	198.0
445	Dresses, lingerie, infants' wear, etc.	1974	469.6	16.0	9.5	495.2	245.1
		1975	474.7	16.7	5.0	496.4	240.2
		1976	596.8	25.2	11.7	633.7	331.7
		1977	745.2	43.8	18.1	807.1	402.7
446	Hats, caps and millinery	1974	25.9	1.5	0.3	27.7	13.2
		1975	27.4	1.8	0.4	29.6	13.8
		1976	35.8	1.5	0.7	38.0	18.7
		1977	40.6	2.1	-	42.6	22.0
449(1)(3)(4)	Corsets and miscellaneous dress industries	1974	116.3	8.9	3.5	128.7	64.9
		1975	142.8	9.0	2.3	154.1	74.5
		1976	177.0	13.2	1.2	191.4	93.4
		1977	191.8	19.5	9.2	220.4	107.5

Cost of industrial services, increase during the year of materials, stores and fuel (d)	Net output	Cost of non-industrial services, rates, motor vehicle licences	Gross value added at factor cost		Employment			Wages and salaries		Percentage response in 1977
			Total	per head	Total (e)	Operatives	Others (f)	Operatives	Others (f)	
£ million	£ million	£ million	£ million	£	Thousand	Thousand	Thousand	£ million	£ million	%
0.3	44.0	4.6	39.3	2,069	19.0	15.6	2.8	17.2	5.8	
0.7	53.5	6.6	46.9	2,548	18.4	15.0	2.8	19.3	7.9	
-1.0	59.9	9.7	50.2	2,789	18.0	14.1	3.1	22.0	9.1	42
-0.4	66.9	12.0	55.0	3,036	18.1	14.5	3.0	24.9	9.9	
0.8	20.0	2.7	17.3	3,121	5.5	4.3	0.9	6.9	1.9	
0.1	22.0	4.3	17.7	3,380	5.2	4.0	0.8	7.5	2.3	
-2.5	27.9	3.4	24.5	4,804	5.1	3.9	0.7	8.5	2.3	
-0.6	27.5	3.1	24.5	4,532	5.4	4.2	0.7	10.9	2.9	35
60.0	950.8	86.3	864.6	1,937	445.8	379.0	60.7	424.3	118.9	
70.2	1,104.6	108.2	996.3	2,325	428.6	363.2	59.0	505.0	141.5	
65.3	1,231.9	135.4	1,096.5	2,606	420.8	352.0	61.6	572.5	167.9	
83.2	1,484.3	145.9	1,343.8	3,256	412.7	348.0	58.4	649.8	187.3	55
0.3	41.2	3.6	37.6	1,750	21.5	18.7	2.6	19.0	4.9	
0.2	48.4	3.8	44.7	2,189	20.4	17.9	2.3	24.0	5.3	
1.3	55.6	6.4	49.2	2,424	20.3	17.4	2.5	26.9	7.2	
-0.4	69.8	6.3	63.5	3,067	20.7	17.8	2.6	31.4	7.5	59
5.1	165.6	12.0	153.6	1,686	91.1	79.6	10.6	84.0	19.3	
11.5	200.4	16.0	184.3	2,149	85.8	74.8	10.0	100.5	22.9	
6.8	208.0	21.6	186.4	2,209	84.4	73.4	9.9	112.4	27.0	
7.1	228.6	22.9	205.7	2,610	78.8	67.4	10.5	122.9	31.7	58
11.3	111.3	10.4	101.0	1,907	53.0	45.6	6.3	51.7	12.8	
14.9	138.0	14.7	123.4	2,411	51.2	44.0	6.0	62.1	14.8	
18.3	133.1	12.4	120.7	2,509	48.1	40.6	6.1	65.3	18.0	
19.8	182.2	15.4	172.0	3,651	47.1	40.2	5.9	77.2	18.6	38
2.8	93.8	9.6	84.3	1,713	49.2	42.1	6.7	40.9	12.5	
5.1	113.9	13.3	100.5	2,067	48.6	40.8	7.5	50.4	17.2	
3.7	120.3	15.1	105.2	2,138	49.2	38.7	10.1	56.4	18.6	
4.8	151.3	16.8	134.6	2,815	47.8	40.7	6.7	69.2	21.3	60
30.6	219.4	18.8	200.6	1,923	104.3	88.2	13.9	87.6	26.6	
30.0	226.2	22.0	204.2	2,012	101.5	85.5	13.6	101.1	30.0	
40.7	261.3	28.9	232.4	2,303	100.9	84.3	14.2	120.6	38.2	
46.7	357.7	22.7	335.0	3,185	105.2	88.4	14.4	144.6	44.4	41
0.1	14.4	1.5	12.9	1,903	6.8	5.3	1.2	5.6	2.0	
0.2	15.5	1.7	13.8	2,444	5.6	4.6	0.9	5.9	2.0	
-0.5	19.8	2.3	17.5	2,966	5.9	4.7	0.9	7.1	2.6	
-0.4	21.0	2.6	18.4	3,064	6.0	4.8	0.9	8.5	2.9	50
0.1	63.7	7.3	56.4	1,969	28.6	23.9	4.2	23.9	8.9	
1.8	77.8	9.2	68.6	2,515	27.3	22.2	4.6	28.7	11.5	
-0.7	98.7	14.8	83.9	3,029	27.7	22.9	4.3	36.1	13.0	
0.4	112.5	17.4	95.1	3,372	28.2	23.3	4.4	40.9	14.9	62

TABLE 1 Output, costs and employment, 1974-1977
All United Kingdom establishments classified to mining, manufacturing, construction, gas, electricity and water (a)

Standard Industrial Classification Orders or minimum list heading (b)	Industry	Year	Sales of goods produced, receipts for work done and services rendered	Merchanted goods	Increase during year in work in progress and goods on hand for sale	Gross output	Cost of purchases (c)	Gross value added at factor cost		Employment			Wages and salaries		Percentage response in 1977	
								Total	per head	Total (e)	Operatives	Others (f)	Operatives	Others (f)		
			£ million	£ million	£ million	£ million	£ million	£ million	£	Thousand	Thousand	Thousand	£ million	£ million	%	
ORDER XV Clothing and footwear (continued)																
449 (2)	Gloves	1974	24.2	6.3	0.7	31.2	17.5									
		1975	22.8	5.4	0.2	28.5	15.5									
		1976	32.5	6.1	0.7	39.3	21.8									
		1977	40.9	9.6	1.6	52.1	30.4									
450	Footwear	1974	418.7	45.6	10.3	474.6	237.2									
		1975	483.3	47.4	4.0	534.8	256.9									
		1976	551.3	71.2	10.9	633.4	320.1									
		1977	620.0	83.1	14.1	717.2	372.5									
ORDER XVI Bricks, pottery, glass, cement, etc.																
461 (1)	Refractory goods	1974	126.3	7.7	2.6	136.5	73.7									
		1975	151.0	6.7	3.9	161.6	79.6									
		1976	197.4	8.7	2.4	208.5	97.2									
		1977	221.0	7.5	7.9	236.3	105.2									
461 (2)	Building bricks and non-refractory goods	1974	174.1	9.5	13.5	197.1	66.6									
		1975	220.7	12.7	-1.1	232.3	72.0									
		1976	263.2	19.9	5.9	289.0	96.6									
		1977	260.5	7.3	12.4	280.3	88.0									
462	Pottery	1974	220.1	6.8	6.0	232.9	68.9									
		1975	275.6	10.6	10.6	296.8	92.8									
		1976	334.0	11.6	17.8	363.4	115.9									
		1977	405.9	20.8	12.6	439.3	133.0									
463	Glass	1974	477.9	38.1	17.0	533.0	226.6									
		1975	575.3	31.0	3.3	609.6	254.8									
		1976R	700.2	46.3	7.5	754.0	310.3									
		1977	882.3	47.3	15.8	945.4	388.3									
464	Cement	1974	200.0	6.9	4.9	211.7	88.9									
		1975	282.9	9.5	1.0	293.4	126.3									
		1976R	321.0	13.6	1.5	336.1	138.7									
		1977	395.1	13.0	3.5	411.6	185.5									
469 (1)	Abrasives	1974	70.5	9.0	4.0	83.5	43.6									
		1975	81.9	8.9	-0.9	90.0	45.3									
		1976	96.6	12.2	4.5	113.3	55.7									
		1977	133.4	14.8	2.1	150.3	76.1									
469 (2)	Miscellaneous building materials and mineral products	1974	798.1	34.2	16.6	848.9	407.7									
		1975	1,011.7	42.5	8.5	1,062.7	525.4									
		1976	1,190.4	52.6	26.9	1,269.9	647.4									
		1977	1,491.6	56.2	19.4	1,567.2	813.6									

Cost of industrial services, increase during the year of materials, stores and fuel (d)	Net output	Cost of non-industrial services, rates, motor vehicle licences	Gross value added at factor cost		Employment			Wages and salaries		Percentage response in 1977
			Total	per head	Total (e)	Operatives	Others (f)	Operatives	Others (f)	
£ million	£ million	£ million	£ million	£	Thousand	Thousand	Thousand	£ million	£ million	%
0.9	12.8	1.2	11.6	2,005	5.8	4.8	0.9	5.1	1.6	
0.3	12.7	1.1	11.5	2,220	5.2	4.3	0.7	5.5	1.6	
0.3	17.2	1.0	16.2	3,057	5.3	4.6	0.6	6.2	1.7	
-0.2	21.9	3.0	18.9	3,706	5.1	4.2	0.8	7.3	2.7	70
8.8	228.6	21.9	206.6	2,417	85.5	70.8	14.3	106.5	30.3	
6.2	271.7	26.4	245.3	2,956	83.0	69.1	13.4	126.8	36.2	
-4.6	317.9	32.9	285.0	3,608	79.0	65.4	13.0	141.5	41.6	
5.4	339.3	38.8	300.6	4,073	73.8	61.2	12.2	147.8	43.3	75
17.9	1,249.9	205.8	1,044.1	3,713	281.2	215.6	62.7	435.3	153.6	
30.7	1,519.5	260.2	1,259.3	4,757	264.7	200.8	61.3	511.9	188.3	
34.7	1,837.6	286.5	1,551.2	5,968	259.9	195.9	61.0	584.3	217.5	
62.4	2,178.3	371.8	1,806.4	6,884	262.4	196.1	63.5	645.7	255.7	71
-1.9	64.8	11.1	53.7	3,830	14.0	10.6	3.4	22.0	8.1	
-2.8	84.8	12.4	72.4	5,504	13.1	9.7	3.4	26.0	10.2	
-3.0	114.3	14.5	99.8	7,448	13.4	9.6	3.7	29.3	12.9	
-5.1	136.3	16.0	120.3	9,470	12.7	9.2	3.5	31.6	13.1	90
6.1	124.5	21.6	102.9	3,323	31.0	26.2	4.6	57.0	10.6	
5.2	155.1	26.7	128.4	4,864	26.4	21.9	4.4	58.5	12.7	
6.7	185.7	29.9	155.8	5,505	28.3	23.7	4.4	76.3	14.9	
4.4	187.8	32.5	155.3	6,314	24.6	20.5	4.0	73.4	15.8	81
2.9	161.1	14.8	146.3	2,485	58.9	49.5	9.0	76.4	18.5	
4.5	199.5	19.4	180.1	3,046	59.1	49.3	9.5	99.0	25.4	
4.9	242.6	22.5	220.1	3,743	58.8	48.9	9.4	117.0	29.0	
7.8	298.4	29.3	269.1	4,486	60.0	50.0	9.7	131.6	33.5	84
-1.8	308.2	38.7	269.5	3,768	71.5	52.8	18.3	111.7	49.8	
3.4	351.3	42.0	309.3	4,777	64.7	47.4	16.9	132.6	58.5	
4.2	439.5	47.9	391.6	6,219	63.0	45.9	16.6	143.1	64.4	
11.2	545.9	61.7	484.2	7,638	63.4	45.7	17.2	162.2	77.1	73
-2.4	125.2	29.3	95.9	6,137	15.6	11.5	4.1	26.5	12.1	
-4.3	171.4	45.9	125.5	8,269	15.2	11.1	4.1	33.6	14.4	
2.5	194.8	54.1	140.8	9,482	14.8	10.7	4.1	37.3	16.4	
0.6	225.5	68.3	157.2	10,619	14.8	10.9	3.9	40.8	17.6	84
-0.9	40.8	3.7	37.1	4,330	8.6	5.4	3.2	11.4	7.8	
2.1	42.7	5.7	37.0	4,394	8.4	5.1	3.3	13.1	10.2	
-0.2	57.8	6.8	51.0	6,220	8.2	4.8	3.4	15.1	12.5	
4.0	70.2	9.0	61.2	6,730	9.1	5.6	3.4	18.8	14.8	65
15.9	425.3	86.6	338.7	4,150	81.6	59.6	20.1	130.3	46.7	
22.6	514.7	108.1	406.6	5,225	77.8	56.3	19.7	149.1	56.9	
19.6	602.9	110.8	492.1	6,704	73.4	52.3	19.4	166.2	67.4	
39.5	714.1	155.0	559.1	7,186	77.8	54.3	21.8	187.2	83.7	54

TABLE 1* Output, costs and employment, 1974-1977
All United Kingdom establishments classified to mining, manufacturing, construction, gas, electricity and water (a)

Standard Industrial Classification Orders or minimum list heading (b)	Industry	Year	Sales of goods produced, receipts for work done and services rendered	Merchanted goods	Increase during year in work in progress and goods on hand for sale	Gross output	Cost of purchases (c)	Gross value added at factor cost		Employment			Wages and salaries		Percentage response in 1977			
								Total	per head	Total (e)	Operatives	Others (f)	Operatives	Others (f)				
			£ million	£ million	£ million	£ million	£ million	£	Thousand	Thousand	Thousand	£ million	£ million	%				
ORDER XVII	Timber, furniture, etc.	1974	2,294.2	379.6	39.3	2,713.4	1,585.6	20.6	1,106.9	130.8	976.2	3,528	276.7	209.3	58.4	402.7	141.3	
		1975	2,550.2	317.5	-11.2	2,856.4	1,516.5	101.0	1,238.8	164.6	1,074.2	3,955	271.6	204.1	58.8	475.6	171.6	
		1976	2,902.6	587.3	85.0	3,574.9	2,108.2	11.5	1,455.2	221.7	1,233.5	4,777	258.2	189.7	59.4	514.1	195.9	
		1977	3,436.6	642.2	45.9	4,124.7	2,340.1	67.6	1,717.0	275.2	1,441.8	5,358	269.1	198.2	62.1	599.1	229.1	48
471	Timber	1974	931.0	309.5	21.2	1,261.8	850.6	-11.4	422.6	53.5	369.2	3,981	92.7	67.8	22.2	128.8	54.8	
		1975	993.8	255.2	-28.9	1,220.1	728.2	56.3	435.5	59.3	376.2	4,148	90.7	65.6	22.3	148.7	66.4	
		1976	1,213.7	491.3	62.4	1,767.4	1,191.7	-8.8	584.5	90.6	493.9	5,574	88.6	63.6	22.4	173.0	75.3	
		1977	1,318.4	544.4	14.4	1,877.2	1,166.0	28.4	682.8	102.9	580.0	6,416	90.4	64.0	23.6	188.8	87.2	48
472	Furniture and upholstery	1974	682.0	31.6	7.9	721.5	365.3	4.7	351.5	43.9	307.6	3,263	94.3	74.4	17.5	147.5	42.2	
		1975	806.9	23.7	11.9	842.5	404.6	8.8	429.1	60.9	368.2	4,014	91.7	71.9	17.4	176.9	50.7	
		1976	869.9	32.1	12.5	914.5	457.0	-3.5	461.0	71.7	389.3	4,475	87.0	65.9	18.4	186.6	61.3	
		1977	1,094.6	37.1	15.8	1,147.6	589.2	5.7	552.6	94.5	458.1	5,018	91.3	70.3	18.6	221.2	69.0	50
473	Bedding, etc.	1974	149.4	11.4	1.3	162.1	95.4	1.0	65.6	6.4	59.2	2,974	19.9	14.9	4.5	22.8	8.9	
		1975	187.5	10.5	0.8	198.7	112.3	1.0	85.4	13.4	72.0	3,441	20.9	15.9	4.6	30.5	11.4	
		1976	211.6	22.2	4.3	238.1	143.2	-1.3	96.2	19.5	76.7	3,652	21.0	15.1	5.4	29.6	13.8	
		1977	237.9	18.5	1.8	258.2	157.1	2.4	98.6	22.9	75.7	3,825	19.8	14.5	4.9	36.2	16.7	58
474	Shop and office fitting	1974	251.3	8.3	4.5	264.1	92.3	33.4	138.4	9.0	129.4	3,903	33.2	24.2	7.5	56.9	19.6	
		1975	266.4	8.1	3.7	278.2	101.6	24.7	151.9	12.2	139.7	4,294	32.5	23.5	7.8	65.0	23.8	
		1976	292.4	12.8	2.0	307.2	121.6	25.3	160.3	19.4	140.9	5,050	27.9	19.5	7.0	65.5	25.1	
		1977	374.4	11.9	9.0	395.2	160.7	34.2	200.3	24.2	176.1	5,555	31.7	22.4	8.1	82.8	30.8	37
475	Wooden containers and baskets	1974	127.7	9.9	1.0	138.7	80.6	-3.9	61.9	9.7	52.2	3,136	16.6	12.9	3.1	22.1	7.5	
		1975	132.1	10.3	0.4	142.8	74.4	5.0	63.4	7.7	55.7	3,549	15.7	12.1	3.1	24.6	9.4	
		1976	142.5	17.3	0.5	160.3	89.8	1.6	68.9	11.1	57.8	3,705	15.6	12.2	2.8	28.5	9.9	
		1977	160.7	7.4	0.8	168.9	98.1	-0.2	71.0	12.8	58.2	3,959	14.7	11.2	3.0	29.3	11.4	47
479	Miscellaneous wood and cork manufactures	1974	152.8	8.9	3.4	165.2	101.4	-3.2	66.9	8.3	58.6	2,928	20.0	15.1	3.6	24.6	8.3	
		1975	163.5	9.7	0.9	174.1	95.4	5.2	73.5	11.1	62.4	3,103	20.1	15.1	3.6	29.9	9.9	
		1976	172.5	11.6	3.3	187.4	104.9	-1.8	84.3	9.4	74.9	4,138	18.1	13.4	3.4	30.9	10.5	
		1977	250.6	23.0	4.1	277.7	169.0	-2.9	111.5	17.8	93.7	4,421	21.2	15.8	3.9	40.9	13.9	44
ORDER XVIII	Paper, printing and publishing	1974	5,036.8	196.0	101.2	5,334.4	2,508.8	128.3	2,697.3	341.5	2,355.7	3,990	590.4	400.6	180.9	858.3	446.9	
		1975	5,517.5	197.9	50.5	5,766.1	2,523.4	364.8	2,877.7	413.2	2,464.5	4,375	564.3	375.4	179.3	992.3	539.9	
		1976R	6,784.0	306.7	78.9	7,169.7	3,290.2	333.5	3,546.0	564.2	2,981.8	5,372	555.1	359.2	186.7	1,122.6	633.6	
		1977	8,226.2	327.0	103.7	8,657.0	3,865.2	531.6	4,260.1	690.5	3,569.4	6,422	555.8	358.8	187.5	1,256.1	720.8	66
481	Paper and board	1974	951.1	31.0	15.4	997.5	661.0	-26.5	362.9	43.3	319.6	5,061	63.1	49.2	13.9	112.5	36.1	
		1975	926.4	35.1	12.2	973.7	635.8	18.6	319.3	48.0	271.3	4,630	58.6	45.6	13.0	125.5	42.0	
		1976	1,225.9	41.5	15.9	1,283.3	873.4	-2.5	412.4	61.6	350.8	5,966	58.8	45.7	13.0	151.7	48.3	
		1977	1,303.4	23.3	13.9	1,340.6	868.1	34.9	437.6	66.1	371.4	6,717	55.3	42.8	12.4	154.7	49.4	93
482 (1)	Cardboard boxes, cartons and fibre-board packing cases	1974	671.2	20.7	14.3	706.3	419.6	-15.9	302.6	36.9	265.7	3,794	70.0	54.9	14.7	102.4	35.5	
		1975	701.9	20.2	-2.7	719.4	399.9	30.6	288.9	36.5	252.4	3,908	64.6	49.6	14.6	116.6	43.7	
		1976	902.9	33.6	10.1	946.6	535.7	7.7	403.2	48.2	355.0	5,556	63.9	48.8	14.6	140.8	49.8	
		1977	1,021.4	24.6	8.7	1,054.6	600.8	19.1	434.7	58.0	376.7	6,056	62.2	47.7	14.1	154.0	54.6	81
482 (2)	Packaging products of paper and associated materials	1974	322.8	10.4	2.8	336.1	213.8	-5.8	128.1	14.8	113.3	4,167	27.2	21.0	6.1	39.8	15.3	
		1975	301.8	7.8	0.5	310.1	188.0	11.1	111.0	16.0	95.0	4,028	23.6	17.9	5.6	41.3	16.9	
		1976	379.2	11.5	3.8	394.5	252.5	-8.3	150.3	19.0	131.3	5,836	22.5	16.9	5.5	48.9	18.5	
		1977	443.5	16.3	2.8	462.6	281.6	10.5	170.5	23.4	147.1	6,451	22.8	17.2	5.4	53.9	21.4	67

TABLE 1 Output, costs and employment, 1974-1977
All United Kingdom establishments classified to mining, manufacturing, construction, gas, electricity and water (a)

Standard Industrial Classification Orders or minimum list heading (b)	Industry	Year	Sales of goods produced, receipts for work done and services rendered	Merchanted goods	Increase during year in work in progress and goods on hand for sale	Gross output	Cost of purchases (c)	Cost of industrial services, increase during the year of materials, stores and fuel (d)	Net output	Cost of non-industrial services, rates, motor vehicle licences	Gross value added at factor cost		Employment			Wages and salaries		Percentage response in 1977
											Total	per head	Total (e)	Operatives	Others (f)	Operatives	Others (f)	
											£ million	£	Thousand	Thousand	Thousand	£ million	£ million	
ORDER XVIII	Paper, printing and publishing (continued)		£ million	£ million	£ million	£ million	£ million	£ million	£ million	£ million	£ million	£	Thousand	Thousand	Thousand	£ million	£ million	%
483	Manufactured stationery	1974	307.5	41.1	8.3	356.9	182.7	-6.8	181.1	19.0	162.1	3,392	47.8	33.8	13.7	55.6	32.9	
		1975	334.3	33.6	4.2	372.2	172.6	11.3	188.2	22.0	166.2	3,746	44.4	30.6	13.4	64.8	37.7	
		1976	371.1	36.2	5.1	412.4	198.5	2.5	211.4	27.2	184.2	4,482	41.1	27.4	13.4	69.7	42.6	
		1977	487.7	44.8	3.9	536.4	258.6	6.8	270.9	36.5	234.4	5,465	42.9	28.7	13.8	80.6	49.8	70
484	Wallcoverings	1974	72.3	1.9	2.0	76.2	41.7	0.4	34.1	4.2	29.9	4,321	6.9	5.5	1.4	10.8	3.8	
		1975	80.9	2.0	2.8	85.7	46.4	1.3	38.0	5.9	32.1	4,880	6.6	5.1	1.4	12.6	4.6	
		1976R	89.2	6.0	4.5	99.8	54.9	0.7	44.2	8.0	36.2	5,743	6.3	4.8	1.5	14.0	5.7	
		1977	115.4	5.4	1.2	122.0	65.3	4.2	52.5	10.0	42.5	6,537	6.5	4.8	1.7	14.9	6.5	82
484 (2)	Miscellaneous manufactures of paper and board	1974	274.4	13.0	6.5	293.9	170.0	-7.0	131.0	25.6	105.3	4,089	25.8	19.3	6.3	33.8	15.0	
		1975	309.9	8.2	3.9	322.1	178.5	3.8	139.8	30.1	109.7	4,688	23.4	16.8	6.4	40.3	20.6	
		1976	348.0	12.2	4.6	364.8	207.6	-3.6	160.8	39.0	121.8	5,366	22.7	16.7	5.9	44.8	22.0	
		1977	471.1	21.1	4.2	496.5	274.7	-1.1	222.8	54.6	168.2	6,865	24.5	17.8	6.5	54.3	26.3	72
485, 486	Printing, publishing of newspapers and periodicals	1974	1,168.7	19.0	4.0	1,191.8	348.3	98.7	744.7	108.3	636.4	4,374	145.5	72.8	72.1	214.3	182.5	
		1975	1,362.5	21.6	0.9	1,385.0	383.3	144.6	857.1	137.2	719.9	5,038	142.9	70.1	72.2	244.5	216.9	
		1976	1,495.7	34.3	4.0	1,534.0	430.2	135.9	967.9	154.4	813.5	5,912	137.6	67.4	69.6	274.2	231.5	
		1977	1,982.1	43.1	1.7	2,026.9	571.8	219.7	1,235.4	205.2	1,030.2	7,281	141.5	70.1	70.8	318.2	276.7	76
489	General printing and publishing	1974	1,268.8	58.9	47.9	1,375.7	471.7	91.2	812.8	89.4	723.4	3,544	204.1	144.1	52.7	289.1	125.8	
		1975	1,499.8	69.4	28.7	1,597.9	518.9	143.5	935.4	117.5	817.9	4,086	200.2	139.7	52.7	346.7	157.5	
		1976	1,972.0	131.4	30.9	2,134.3	737.4	201.1	1,195.8	206.8	989.0	4,891	202.2	131.5	63.2	378.5	215.2	
		1977	2,401.7	148.4	67.3	2,617.4	944.3	237.6	1,435.6	236.7	1,198.8	5,991	200.1	129.5	62.8	425.5	236.2	46
ORDER XIX	Other manufacturing industries	1974	2,527.8	246.0	80.5	2,854.4	1,460.5	-1.2	1,395.0	166.4	1,228.7	3,437	357.5	266.1	86.9	452.6	202.0	
		1975	2,884.5	215.1	22.5	3,122.2	1,511.5	79.1	1,531.6	207.8	1,323.6	3,901	339.3	249.6	85.8	536.5	250.5	
		1976R	3,482.1	264.6	80.2	3,826.8	1,994.1	9.2	1,823.5	296.0	1,527.6	4,461	342.4	250.3	86.7	630.0	290.2	
		1977	4,312.2	382.2	98.0	4,792.2	2,444.9	59.4	2,287.8	354.3	1,933.8	5,431	356.1	259.8	92.1	725.9	348.2	62
491	Rubber	1974	908.0	110.6	27.1	1,045.7	520.3	2.5	522.8	58.6	464.3	3,810	121.9	88.1	33.4	177.3	79.0	
		1975	1,141.4	94.1	14.4	1,249.9	594.0	25.5	630.4	77.6	552.8	4,593	120.3	85.1	34.9	223.4	103.0	
		1976	1,289.8	114.6	31.7	1,436.1	740.6	-1.0	696.5	97.2	599.3	4,994	120.0	85.7	34.0	253.3	114.0	
		1977	1,494.8	139.8	44.4	1,679.0	878.8	18.8	781.3	107.1	674.3	5,596	120.5	85.8	34.4	275.4	129.0	62
492	Linoleum, plastics floor-covering, leathercloth, etc.	1974	167.4	5.4	6.0	178.8	105.6	-1.0	74.2	11.3	62.9	3,816	16.5	11.4	5.0	23.1	11.9	
		1975	195.3	1.5	-0.9	196.0	109.5	7.3	79.2	14.4	64.8	4,143	15.6	10.8	4.8	27.0	14.7	
		1976R	223.1	4.9	6.6	234.6	136.9	-1.9	99.6	16.9	82.7	5,453	15.2	10.6	4.6	30.6	15.3	
		1977	256.5	8.2	2.5	267.2	156.4	4.0	106.7	19.5	87.3	5,856	14.9	10.6	4.2	34.4	15.4	92
493	Brushes and brooms	1974	50.2	5.8	2.4	58.4	30.9	-0.7	28.2	3.5	24.7	2,419	10.2	7.8	2.1	10.5	4.6	
		1975	58.3	5.8	0.3	64.3	28.0	1.7	34.7	5.0	29.7	3,143	9.4	7.1	2.2	11.9	6.2	
		1976R	67.2	8.1	1.5	76.7	38.1	-0.8	39.4	5.8	33.7	3,592	9.4	7.0	2.1	14.0	6.7	
		1977	78.0	8.4	1.3	87.6	42.3	-0.9	46.2	7.0	39.2	4,352	9.0	6.7	2.2	15.2	7.7	72
494 (1)(2)	Toys, games and children's carriages	1974	181.8	23.9	12.5	218.2	97.5	0.5	120.2	18.0	102.3	2,722	37.6	28.9	8.3	35.2	15.6	
		1975	208.3	23.2	2.0	233.5	98.2	5.9	129.4	21.8	107.6	3,128	34.4	26.9	7.2	40.2	18.2	
		1976	253.3	30.2	7.1	290.6	140.0	6.5	144.1	33.3	110.8	3,148	35.2	27.4	7.5	51.1	22.8	
		1977	345.8	36.5	8.8	391.0	167.0	2.3	221.7	46.4	175.3	4,951	35.4	26.8	8.3	55.9	33.9	48

TABLE 1 Output, costs and employment, 1974-1977
All United Kingdom establishments classified to mining, manufacturing, construction, gas, electricity and water (a)

Standard Industrial Classification Orders or minimum list heading (b)	Industry	Year	Sales of goods produced, receipts for work done and services rendered	Merchanted goods	Increase during year in work in progress and goods on hand for sale	Gross output	Cost of purchases (c)	Gross value added at factor cost		Employment			Wages and salaries		Percentage response in 1977		
								Total	per head	Total (e)	Operatives	Others (f)	Operatives	Others (f)			
								£ million	£	Thousand	Thousand	Thousand	£ million	£ million	%		
ORDER XIX	Other manufacturing industries (continued)		£ million	£ million	£ million	£ million	£ million										
494 (3)	Sports equipment	1974	59.1	10.7	3.5	73.3	34.7	-0.5	39.1	3.4	35.7	2,979	12.0	9.3	2.4	13.1	5.5
		1975	78.2	14.1	3.9	96.2	45.1	0.9	50.2	5.3	44.8	3,455	13.0	9.9	2.8	18.0	7.7
		1976	92.5	17.9	3.1	113.5	49.3	2.4	61.8	6.5	55.3	4,354	12.7	9.4	3.0	21.1	9.5
		1977	109.2	21.9	6.3	137.4	63.0	1.7	72.7	10.6	62.1	4,775	13.0	9.7	3.1	24.0	10.8
495	Miscellaneous stationers' goods	1974	92.8	9.1	4.0	105.9	62.4	-4.7	48.2	5.5	42.7	3,805	11.2	7.8	3.3	12.6	7.7
		1975	87.2	6.2	0.1	93.6	47.0	2.5	44.0	7.9	36.1	3,598	10.0	6.6	3.3	12.6	9.2
		1976	108.2	7.5	-1.0	114.7	59.7	-	55.0	13.6	41.4	4,099	10.1	6.3	3.7	14.7	12.1
		1977	146.5	12.7	5.1	164.3	79.7	0.1	84.5	15.0	69.6	7,025	9.9	6.7	3.2	17.7	11.7
496	Plastics products	1974	958.4	69.1	21.5	1,049.0	552.2	3.8	492.9	60.2	432.7	3,468	124.8	94.3	28.4	156.4	68.9
		1975	991.6	60.7	1.8	1,054.1	535.4	32.5	486.2	68.4	417.7	3,692	113.1	84.7	26.4	173.3	80.3
		1976	1,307.7	67.3	28.0	1,403.0	759.4	3.2	640.4	107.0	533.4	4,475	119.2	89.0	28.0	215.8	97.8
		1977	1,681.1	135.8	24.0	1,840.8	956.3	30.1	854.5	131.0	723.5	5,578	129.7	95.7	31.6	262.0	122.3
499 (1)	Musical instruments	1974	26.6	4.7	1.0	32.3	15.5	0.2	16.7	1.6	15.0	2,799	5.4	4.3	0.9	7.3	2.0
		1975	26.5	2.6	0.9	30.0	11.2	0.2	18.6	1.9	16.7	3,141	5.3	4.3	0.8	9.3	2.2
		1976	28.0	4.2	1.4	33.6	14.4	0.2	19.0	2.4	16.6	3,773	4.4	3.4	0.8	8.9	2.4
		1977	40.8	6.8	1.6	49.2	21.5	0.6	27.1	2.9	24.2	4,651	5.2	4.1	0.9	12.0	3.5
499 (2)	Miscellaneous manufacturing industries	1974	83.5	6.7	2.5	92.8	41.4	-1.3	52.7	4.3	48.4	2,700	17.9	14.2	3.1	17.1	6.8
		1975	97.7	6.9	-	104.6	43.1	2.6	58.9	5.5	53.4	2,931	18.2	14.2	3.4	20.8	9.0
		1976	112.3	9.9	1.8	124.0	55.7	0.6	67.7	13.3	54.4	3,358	16.2	11.5	3.0	20.5	9.6
		1977	159.5	12.1	4.0	175.7	79.9	2.7	93.1	14.8	78.3	4,232	18.5	13.7	4.2	29.3	14.0
ORDER XX	Construction	1974	12,824.1	93.2	14.8	12,932.1	4,069.0	3,239.3	5,623.8	697.3	4,926.5	3,266	1,508.5	1,136.9	314.7	2,515.1	783.1
500		1975R	14,785.0	112.5	1.7	14,899.3	4,541.1	3,654.1	6,704.1	814.1	5,890.1	4,021	1,464.8	1,085.5	309.8	2,985.6	928.0
		1976R	15,677.4	98.5	3.1	15,778.9	4,846.7	3,804.8	7,127.4	889.3	6,238.1	4,466	1,396.9	1,048.8	295.6	3,258.3	1,005.9
		1977	16,270.6	127.6	6.2	16,404.3	5,087.1	3,872.7	7,444.5	989.8	6,454.6	4,844	1,332.4	987.2	293.6	3,338.9	1,084.7
ORDER XXI	Gas, electricity and water	1974	4,618.4	227.3	10.3	4,856.0	2,274.4	104.2	2,477.4	324.3	2,153.1	6,250	344.5	180.4	164.1	436.0	454.6
		1975	6,071.0	253.1	3.7	6,327.7	2,853.0	139.3	3,335.4	355.9	2,979.6	8,674	343.5	177.1	166.4	545.2	579.7
		1976	7,509.4	7.3	3.6	7,520.3	3,054.9	231.1	4,234.3	490.5	3,743.8	11,021	339.7	176.2	163.5	592.8	644.7
		1977	8,509.3	-	-	8,509.6	3,563.8	283.8	4,662.1	507.8	4,151.2	13,104	316.8	164.4	152.5	598.8	669.2
601	Gas	1974	1,177.6	84.2	2.9	1,264.7	408.5	88.4	767.8	111.1	656.7	6,324	103.8	42.8	61.0	102.4	157.4
		1975	1,501.2	106.2	5.7	1,613.0	508.2	122.3	982.6	90.8	891.8	8,555	104.2	42.2	62.1	133.5	195.2
		1976(n)	1,744.7	0.4	-0.1	1,745.0	465.0	122.9	1,157.1	129.5	1,027.6	10,084	101.9	41.2	60.7	139.6	219.8
		1977	2,255.9	-	-	2,255.9	678.0	198.3	1,379.6	155.2	1,221.4	12,621	96.8	41.0	55.8	153.0	232.8
602	Electricity	1974	3,052.1	143.1	7.4	3,202.6	1,788.7	5.9	1,408.0	167.1	1,240.9	6,309	196.9	110.2	86.7	269.8	252.6
		1975	4,032.0	146.9	-2.0	4,176.9	2,260.5	5.4	1,911.0	203.7	1,707.3	8,737	195.4	107.9	87.5	336.0	327.0
		1976(n)	5,099.8	6.9	3.7	5,110.4	2,479.6	91.7	2,539.1	300.0	2,239.1	11,483	195.0	109.6	85.4	375.5	360.7
		1977	5,486.8	-	-	5,487.1	2,766.3	52.8	2,668.1	276.8	2,391.3	13,500	177.1	98.4	78.8	365.2	363.8
603	Water supply	1974	388.7	-	-	388.7	77.2	9.9	301.6	46.1	255.5	5,834	43.8	27.4	16.4	63.8	44.6
		1975	537.8	-	-	537.8	84.3	11.6	441.8	61.4	380.5	8,677	43.9	27.0	16.8	75.7	57.5
		1976	664.9	-	-	664.9	110.3	16.5	538.1	61.0	477.1	11,147	42.8	25.4	17.4	77.7	64.2
		1977	766.6	-	-	766.6	119.5	32.7	614.4	75.8	538.5	12,553	42.9	25.0	17.9	80.6	72.6

TABLE 1 Output, costs and employment, 1974-1977
All United Kingdom establishments classified to mining, manufacturing, construction, gas, electricity and water (a)

Standard Industrial Classification Orders or minimum list heading (b)	Industry	Year	Sales of goods produced, receipts for work done and services rendered	Merchanted goods	Increase during year in work in progress and goods on hand for sale	Gross output	Cost of purchases (c)	Gross value added at factor cost		Employment			Wages and salaries		Percentage response in 1977			
								Total	per head	Total (e)	Operatives	Others (f)	Operatives	Others (f)				
			£ million	£ million	£ million	£ million	£ million	£ million	£	Thousand	Thousand	Thousand	£ million	£ million	%			
	Energy industries (g)	1974	10,728.6	241.9	274.5	11,245.0	7,233.6	-11.0	4,022.5	368.3	3,654.2	5,855	624.1	440.4	183.6	1,075.5	521.0	
		1975	12,913.3	266.6	88.2	13,268.0	7,581.3	274.5	5,412.0	409.7	5,002.7	8,006	624.8	438.5	186.3	1,344.5	661.8	
		1976	15,421.7	270.8	207.3	15,899.8	9,489.0	164.1	6,246.7	559.0	5,687.7	9,230	616.2	433.6	182.2	1,439.6	732.4	
		1977	16,792.1	346.7	-16.5	17,122.6	10,117.4	394.7	6,610.7	599.8	6,007.8	10,160	591.3	420.5	170.8	1,531.6	762.2	99
101	Coal mining	1974	1,443.6	-	3.7	1,447.3	297.2	26.1	1,124.1	49.6	1,074.4	3,608	297.8	270.8	27.0	660.0	83.1	
		1975	1,916.8	-	86.6	2,003.4	395.7	36.9	1,570.7	62.1	1,508.6	5,024	300.3	272.5	27.8	820.7	103.4	
		1976	2,280.6	-	9.3	2,289.9	473.3	32.8	1,783.8	73.9	1,709.9	5,802	294.7	267.2	27.5	864.1	112.2	
		1977	2,507.8	-	33.9	2,541.7	611.4	69.8	1,860.5	83.9	1,776.6	6,065	292.9	265.5	27.4	946.5	121.7	100
104	Petroleum and natural gas	1974	..	..	..	199.5	182.7	18.9	..	..	-2.2	-	4.6	..	..	14.0	..	
		1975	..	..	7.1	297.0	300.6	23.5	..	..	-27.2	-	5.4	..	..	21.0	..	
		1976	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		1977	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
262	Mineral oil refining	1974	4,890.3	(m)	255.6	5,145.9	4,601.0	-124.9	669.8	33.2	636.7	34,027	18.7	13.0	5.7	35.3	19.8	
		1975	5,269.0	(m)	-5.5	5,263.5	4,271.5	105.1	886.8	44.1	842.7	46,077	18.3	12.5	5.8	44.7	26.2	
		1976	6,018.5	248.7	193.7	6,460.9	5,845.4	-85.0	700.5	46.3	654.2	36,960	17.7	12.2	5.4	49.1	27.4	
		1977	6,187.7	319.4	-56.1	6,451.0	5,782.9	70.7	597.4	67.6	529.8	30,625	17.3	12.0	5.3	53.4	29.7	98
263	Lubricating oils and greases	1974	165.0	14.6	4.9	184.5	138.2	-6.5	52.8	7.3	45.5	6,621	6.9	3.6	3.2	8.0	8.1	
		1975	194.3	13.5	3.4	211.2	145.4	4.8	60.9	9.0	52.3	7,870	6.6	3.4	3.1	9.6	10.0	
		1976	278.1	14.8	0.7	293.6	225.7	1.7	66.2	9.3	56.9	8,246	6.9	3.4	3.2	11.3	12.3	
		1977	353.9	27.3	5.7	386.9	278.8	3.1	105.1	16.3	88.7	12,323	7.2	3.6	3.5	13.5	14.2	72
601	Gas	1974	1,177.6	84.2	2.9	1,264.7	408.5	88.4	767.8	111.1	656.7	6,324	103.8	42.8	61.0	102.4	157.4	
		1975	1,501.2	106.2	5.7	1,613.0	508.2	122.3	982.6	90.8	891.8	8,555	104.2	42.2	62.1	133.5	195.2	
		1976(n)	1,744.7	0.4	-0.1	1,745.0	465.0	122.9	1,157.1	129.5	1,027.6	10,084	101.9	41.2	60.7	139.6	219.8	
		1977	2,255.9	-	-	2,255.9	678.0	198.3	1,379.6	155.2	1,221.4	12,621	96.8	41.0	55.8	153.0	232.8	99
602	Electricity	1974	3,052.1	143.1	7.4	3,202.6	1,788.7	5.9	1,408.0	167.1	1,240.9	6,309	196.9	110.2	86.7	269.8	252.6	
		1975	4,032.0	146.9	-2.0	4,176.9	2,260.5	5.4	1,911.0	203.7	1,707.3	8,737	195.4	107.9	87.5	336.0	327.0	
		1976(n)	5,099.8	6.9	3.7	5,110.4	2,479.6	91.7	2,539.1	300.0	2,239.1	11,483	195.0	109.6	85.4	375.5	360.7	
		1977	5,486.8	-	-	5,487.1	2,766.3	52.8	2,668.1	276.8	2,391.3	13,500	177.1	98.4	78.8	365.2	363.8	100

(a) Includes estimates for establishments not making satisfactory returns, and establishments employing less than 20 persons.

(b) References to Orders are to those in the Standard Industrial Classification (revised 1968). Industry code numbers indicate the minimum list heading (MLH) and, if appropriate, a sub-division of a minimum list heading. For industries covering two or more sub-divisions, the sub-divisions are given in brackets.

(c) Including cost of purchases of goods for merchandising or factoring.

(d) The figures include payment for work given out, repairs and maintenance, the change in stocks of materials, stores and fuel, and, where applicable, duties, subsidies and allowances etc.

(e) Average number employed (full and part-time) during the year (including working proprietors) by the establishment.

(f) Administrative, technical and clerical employees.

Cost of industrial services, increase during the year of materials, stores and fuel (d)	Net output	Cost of non-industrial services, rates, motor vehicle licences	Gross value added at factor cost		Employment			Wages and salaries		Percentage response in 1977
			Total	per head	Total (e)	Operatives	Others (f)	Operatives	Others (f)	
£ million	£ million	£ million	£ million	£	Thousand	Thousand	Thousand	£ million	£ million	%
-11.0	4,022.5	368.3	3,654.2	5,855	624.1	440.4	183.6	1,075.5	521.0	
274.5	5,412.0	409.7	5,002.7	8,006	624.8	438.5	186.3	1,344.5	661.8	
164.1	6,246.7	559.0	5,687.7	9,230	616.2	433.6	182.2	1,439.6	732.4	
394.7	6,610.7	599.8	6,007.8	10,160	591.3	420.5	170.8	1,531.6	762.2	99
26.1	1,124.1	49.6	1,074.4	3,608	297.8	270.8	27.0	660.0	83.1	
36.9	1,570.7	62.1	1,508.6	5,024	300.3	272.5	27.8	820.7	103.4	
32.8	1,783.8	73.9	1,709.9	5,802	294.7	267.2	27.5	864.1	112.2	
69.8	1,860.5	83.9	1,776.6	6,065	292.9	265.5	27.4	946.5	121.7	100
18.9	..	..	-2.2	-	4.6	..	..	14.0	..	
23.5	..	..	-27.2	-	5.4	..	..	21.0	..	
..	
..	
-124.9	669.8	33.2	636.7	34,027	18.7	13.0	5.7	35.3	19.8	
105.1	886.8	44.1	842.7	46,077	18.3	12.5	5.8	44.7	26.2	
-85.0	700.5	46.3	654.2	36,960	17.7	12.2	5.4	49.1	27.4	
70.7	597.4	67.6	529.8	30,625	17.3	12.0	5.3	53.4	29.7	98
-6.5	52.8	7.3	45.5	6,621	6.9	3.6	3.2	8.0	8.1	
4.8	60.9	9.0	52.3	7,870	6.6	3.4	3.1	9.6	10.0	
1.7	66.2	9.3	56.9	8,246	6.9	3.4	3.2	11.3	12.3	
3.1	105.1	16.3	88.7	12,323	7.2	3.6	3.5	13.5	14.2	72
88.4	767.8	111.1	656.7	6,324	103.8	42.8	61.0	102.4	157.4	
122.3	982.6	90.8	891.8	8,555	104.2	42.2	62.1	133.5	195.2	
122.9	1,157.1	129.5	1,027.6	10,084	101.9	41.2	60.7	139.6	219.8	
198.3	1,379.6	155.2	1,221.4	12,621	96.8	41.0	55.8	153.0	232.8	99
5.9	1,408.0	167.1	1,240.9	6,309	196.9	110.2	86.7	269.8	252.6	
5.4	1,911.0	203.7	1,707.3	8,737	195.4	107.9	87.5	336.0	327.0	
91.7	2,539.1	300.0	2,239.1	11,483	195.0	109.6	85.4	375.5	360.7	
52.8	2,668.1	276.8	2,391.3	13,500	177.1	98.4	78.8	365.2	363.8	100

(g) Excluding MLH 104 - Petroleum and natural gas.

(h) Excluding the value of all colliery consumption of coal.

(j) Figures relate to the cost of materials and fuel used.

(k) Sales of products are valued at ex-mine or ex-quarry prices, the cost of transport being included in "Increase during the year in work in progress and goods on hand for sale"

(l) Includes salaries paid to "Others".

(m) Figures for merchanted goods are included in sales of goods produced and work done.

(n) From 1976, Gas and Electricity Boards were no longer required to furnish details of their purchases and sales of merchanted goods where these were factored through showrooms. Details of such transactions are now being collected under the Annual Inquiry into Retail Trading.

TABLE 2 Capital expenditure, 1974-1977
All United Kingdom establishments classified to mining, manufacturing, construction, gas, electricity and water (a)(b)

Standard Industrial Classification Orders or minimum list heading (c)	Industry	Year	Total net (d)	New building work
			£ million	£ million
ORDER II (e)	Mining and quarrying	1974	217.3	24.1
		1975	328.4	46.4
		1976	413.7	71.2
		1977	408.7	100.2
		101	Coal mining	1974	157.0	18.8
		1975	273.3	41.9
		1976	340.1	62.9
		1977	323.5	90.6
102	Stone and slate quarrying and mining	1974	28.2	0.9
		1975	22.6	0.8
		1976	32.0	1.3
		1977	33.6	1.6
103	Chalk, clay, sand and gravel extraction	1974	20.9	1.8
		1975	18.9	1.9
		1976	21.4	2.2
		1977	32.5	3.3
104	Petroleum and natural gas	1974	718.4	585.4
		1975	1,467.1	1,135.1
		1976	..	..
		1977	..	..
109 (1)(2)(3)(4)	Miscellaneous mining and quarrying	1974	11.2	2.6
		1975	13.6	1.8
		1976	20.2	4.8
		1977	19.1	4.7
ORDERS III-XIX	All manufacturing industries	1974	3,071.6	586.6
		1975	3,546.7	602.9
		1976	4,115.0	581.5
		1977	4,989.4	701.1
ORDER III	Food, drink and tobacco	1974	462.7	124.4
		1975	451.5	105.6
		1976	530.1	98.1
		1977	716.8	129.1
211	Grain milling	1974	10.1	1.6
		1975	16.7	2.4
		1976	27.6	4.8
		1977	30.4	6.1
212	Bread and flour confectionery	1974	34.7	9.4
		1975	45.4	9.1
		1976	50.4	5.5
		1977	38.6	3.8
213	Biscuits	1974	12.8	1.5
		1975	13.5	0.5
		1976	20.2	1.8
		1977	22.4	2.0

Land and existing buildings		Plant and machinery		Vehicles	
Acquisitions	Disposals	Acquisitions	Disposals	Acquisitions	Disposals
£ million	£ million	£ million	£ million	£ million	£ million
5.5	0.9	185.8	4.4	7.9	1.1
6.6	0.9	273.7	3.1	7.1	1.1
5.1	2.2	339.2	4.7	6.3	1.3
6.5	1.9	302.2	8.7	12.9	2.2
0.9	0.2	138.6	1.3	0.2	0.1
1.6	0.1	230.1	0.8	0.7	-
1.7	0.1	276.5	1.4	0.6	0.1
2.8	-	231.9	2.2	0.5	-
1.8	0.3	24.5	1.2	2.9	0.5
2.6	0.3	18.1	0.9	3.0	0.6
1.6	0.5	28.4	1.8	3.5	0.6
1.4	0.8	32.3	4.3	4.4	0.9
2.4	0.2	13.6	0.4	4.1	0.5
2.3	0.4	13.5	0.8	2.9	0.5
1.8	1.6	19.1	1.3	1.9	0.6
1.5	1.1	24.6	1.0	6.0	0.8
-	-	131.0	-	-	-
-	-	304.0	-	28.0	-
..
..
0.4	0.2	9.1	1.5	0.7	-
0.1	0.1	12.0	0.6	0.5	-
-	-	15.2	0.2	0.3	-
0.8	-	13.4	1.2	2.0	0.5
123.7	89.9	2,338.3	82.1	271.1	76.8
124.5	73.6	2,790.8	99.9	288.4	86.4
149.3	102.7	3,333.7	147.5	414.4	113.5
193.7	109.8	3,938.6	155.3	569.1	146.9
24.9	17.0	302.6	8.5	50.5	13.2
20.1	17.9	316.4	12.4	51.3	12.0
21.8	25.5	383.2	12.9	86.2	20.8
26.0	23.4	517.6	13.8	98.8	17.5
0.4	0.8	7.8	0.4	2.1	0.5
1.0	0.1	11.3	0.1	2.8	0.6
2.0	0.4	13.8	0.3	8.3	0.8
0.5	0.2	21.2	0.7	4.4	0.9
0.9	1.5	21.2	0.7	7.7	2.3
2.6	3.1	31.7	1.5	8.6	1.9
3.8	2.4	32.6	1.5	19.0	6.5
3.2	2.6	25.0	1.5	12.8	2.1
0.2	0.1	10.7	0.1	2.1	1.5
1.6	1.3	11.1	0.2	2.8	0.9
0.5	0.4	13.2	0.2	5.8	0.6
0.4	0.1	18.4	0.3	2.4	0.4

TABLE 2 Capital expenditure, 1974-1977
All United Kingdom establishments classified to mining, manufacturing, construction, gas, electricity and water (a)(b)

Standard Industrial Classification Orders or minimum list heading (c)	Industry	Year	Total net	New building work
			(d)	
			£ million	£ million
ORDER III Food, drink and tobacco (continued)				
214	Bacon curing, meat and fish products	1974	39.7	11.2
		1975	45.3	12.3
		1976	61.2	13.2
		1977	74.9	18.0
215	Milk and milk products	1974	34.6	6.6
		1975	44.5	8.0
		1976	46.8	9.8
		1977	65.0	11.8
216	Sugar	1974	12.4	3.1
		1975	17.2	3.6
		1976	18.0	3.5
		1977	36.0	8.0
217	Cocoa, chocolate and sugar confectionery	1974	17.5	2.2
		1975	17.1	2.4
		1976	27.5	2.9
		1977	60.3	5.5
218	Fruit and vegetable products	1974	31.6	6.2
		1975	21.4	3.8
		1976	23.3	3.8
		1977	44.9	7.2
219	Animal and poultry foods	1974	22.3	5.2
		1975	17.7	2.4
		1976	25.8	3.6
		1977	48.6	8.0
221	Vegetable and animal oils and fats	1974	13.1	2.6
		1975	11.9	1.7
		1976	12.9	1.7
		1977	13.1	1.7
229 (1)	Margarine	1974	2.9	0.7
		1975	4.4	0.9
		1976	3.3	1.0
		1977	3.9	1.0
229 (2)	Starch and miscellaneous foods	1974	17.4	2.1
		1975	25.0	8.4
		1976	29.2	2.6
		1977	43.0	4.9
231	Brewing and malting	1974	123.4	43.4
		1975	88.3	24.4
		1976	96.4	23.6
		1977	144.1	33.7
232	Soft drinks	1974	18.7	5.1
		1975	18.2	5.2
		1976	22.7	5.2
		1977	26.7	6.8

Land and existing buildings		Plant and machinery		Vehicles	
Acquisitions	Disposals	Acquisitions	Disposals	Acquisitions	Disposals
£ million	£ million	£ million	£ million	£ million	£ million
1.6	1.1	23.2	0.7	7.7	2.1
2.3	0.8	27.5	1.3	7.7	2.4
3.3	1.5	40.1	1.4	9.9	2.4
4.2	4.3	48.1	1.9	13.5	2.7
1.3	0.6	24.4	0.6	4.2	0.7
1.9	0.4	30.5	0.6	5.7	0.7
1.9	0.8	30.0	0.8	9.7	3.1
1.7	0.5	41.5	0.8	12.4	1.1
0.1	0.1	9.3	0.1	0.2	—
0.2	0.1	13.0	0.1	0.7	0.1
0.1	0.4	14.6	0.1	0.4	0.1
—	0.3	28.1	0.1	0.4	0.1
0.3	0.2	13.8	0.3	2.6	0.9
0.8	0.4	13.5	0.4	2.0	0.9
0.2	0.7	24.7	1.2	2.8	1.0
1.2	0.7	47.5	0.7	10.1	2.6
1.4	—	22.3	0.3	2.7	0.6
1.1	0.2	16.2	0.8	1.9	0.6
0.8	0.7	17.7	0.4	2.6	0.5
2.0	0.2	33.3	0.7	4.3	1.0
1.1	1.2	14.5	0.4	4.6	1.4
0.6	1.0	13.3	0.5	4.0	1.1
1.1	0.4	17.2	1.0	6.9	1.6
2.6	1.0	32.7	0.8	8.8	1.7
—	—	9.7	0.1	1.1	0.1
—	—	9.6	0.1	0.8	0.1
0.3	—	9.9	0.1	1.2	0.2
0.1	0.2	10.7	0.5	1.6	0.3
—	—	2.1	—	0.1	—
0.2	—	3.3	0.1	0.1	—
—	—	2.6	0.3	0.1	—
—	—	2.9	0.1	0.1	—
2.6	0.6	14.1	1.3	1.4	0.7
0.5	0.2	15.7	0.5	1.8	0.6
0.8	1.7	27.6	1.5	1.9	0.5
0.8	0.6	36.1	0.5	3.0	0.7
11.2	10.0	73.2	2.0	9.2	1.6
5.3	9.7	63.2	2.5	8.6	1.0
3.2	14.3	76.8	1.8	11.3	2.3
7.0	11.2	102.7	1.7	16.0	2.4
1.1	0.1	10.6	0.1	2.5	0.3
1.1	0.3	10.6	0.2	1.9	0.3
2.9	0.4	12.3	0.2	3.4	0.5
0.9	0.5	17.1	0.3	3.2	0.5

TABLE 2 Capital expenditure, 1974-1977
All United Kingdom establishments classified to mining, manufacturing, construction, gas, electricity and water (a)(b)

Standard Industrial Classification Orders or minimum list heading (c)	Industry	Year	Total net (d)	New building work
			£ million	£ million
ORDER III Food, drink and tobacco (continued)				
239 (1)	Spirit distilling and compounding	1974	42.9	17.8
		1975	39.2	16.1
		1976	30.1	11.0
		1977	32.8	9.2
239 (2)	British wines, cider and perry	1974	4.1	0.6
		1975	2.6	0.8
		1976	2.3	0.6
		1977	6.3	0.8
240	Tobacco	1974	24.5	5.1
		1975	23.1	3.6
		1976	32.7	3.5
		1977	25.8	0.6
ORDER IV Coal and petroleum products				
261	Coke ovens and manufactured fuel	1974	3.4	0.3
		1975	9.5	0.2
		1976	10.9	1.2
		1977	8.3	1.0
262	Mineral oil refining	1974	43.3	1.5
		1975	72.3	2.4
		1976	73.3	3.0
		1977	73.4	5.9
263	Lubricating oils and greases	1974	5.0	0.6
		1975	5.7	1.3
		1976	8.1	3.1
		1977	11.1	4.3
ORDER V Chemicals and allied industries				
271 (1)	Inorganic chemicals	1974	32.5	2.5
		1975	43.8	4.7
		1976	58.9	4.1
		1977	76.1	5.7
271 (2)	Organic chemicals	1974	60.6	4.7
		1975	177.3	5.7
		1976	278.4	7.0
		1977	248.5	9.1
271 (3)	Miscellaneous chemicals	1974	36.9	5.6
		1975	57.4	10.5
		1976	58.9	11.5
		1977	93.6	19.0

Land and existing buildings		Plant and machinery		Vehicles	
Acquisitions	Disposals	Acquisitions	Disposals	Acquisitions	Disposals
£ million	£ million	£ million	£ million	£ million	£ million
1.5	0.2	23.7	0.7	1.0	0.2
0.4	0.1	22.9	0.7	0.9	0.3
0.8	0.2	17.8	0.5	1.4	0.4
0.7	0.8	22.7	0.7	2.1	0.4
0.6	0.3	2.8	—	0.5	0.1
0.2	0.2	1.8	0.3	0.4	0.3
0.1	1.2	2.4	—	0.6	0.1
0.5	0.1	3.9	0.1	1.5	0.2
0.6	0.2	19.2	0.7	0.8	0.2
0.3	—	21.2	2.5	0.6	0.2
—	—	29.9	1.6	0.9	0.2
0.2	0.1	25.7	2.4	2.2	0.4
0.5	—	53.4	0.8	1.4	0.4
0.4	0.5	83.8	1.5	1.8	0.4
0.7	0.1	83.6	0.9	2.2	0.5
0.8	6.7	85.4	0.3	3.2	0.7
—	—	3.3	0.2	—	—
—	—	9.2	—	0.1	—
—	—	9.6	—	0.1	—
0.1	—	7.1	0.1	0.2	—
0.1	—	46.7	0.5	0.5	0.1
—	0.1	70.8	1.5	0.7	—
0.2	0.1	70.0	0.8	1.1	0.1
0.2	6.6	73.1	0.2	1.1	0.2
0.4	—	3.4	0.1	0.9	0.3
0.4	0.4	3.8	—	1.0	0.4
0.5	—	4.0	0.1	1.0	0.4
0.5	0.1	5.2	—	1.9	0.5
16.6	4.8	273.5	7.1	23.2	6.7
14.5	3.6	473.9	6.7	23.9	7.4
13.2	5.6	640.5	27.2	29.7	8.4
14.8	4.7	680.1	9.6	42.0	11.7
1.3	0.6	28.0	0.8	2.8	0.7
0.7	0.3	37.3	0.6	2.2	0.5
0.4	0.6	52.4	1.0	4.3	0.7
0.4	0.5	67.1	0.9	4.8	0.6
1.3	1.4	56.3	1.5	1.4	0.2
3.6	0.5	169.2	2.1	1.5	0.2
3.1	0.3	268.0	0.8	1.6	0.2
0.4	0.2	239.1	3.1	3.5	0.3
4.8	0.5	25.8	0.2	1.9	0.6
1.1	0.2	44.0	0.6	4.0	1.4
1.3	0.4	52.0	7.4	2.6	0.7
3.4	0.1	68.8	0.2	3.7	1.0

TABLE 2 Capital expenditure, 1974-1977
All United Kingdom establishments classified to mining, manufacturing, construction, gas, electricity and water (a)(b)

Standard Industrial Classification Orders or minimum list heading (c)	Industry	Year	Total net (d)		New building work	
			£ million	£ million	£ million	£ million
ORDER V Chemicals and allied industries (continued)						
272	Pharmaceutical chemicals and preparations	1974	54.2	19.0		
		1975	72.2	23.8		
		1976	69.7	19.3		
		1977	89.5	21.0		
273	Toilet preparations	1974	8.5	2.8		
		1975	8.0	3.2		
		1976	11.5	2.8		
		1977	14.5	3.3		
274	Paint	1974	11.8	2.7		
		1975	15.9	5.3		
		1976	12.9	1.4		
		1977	15.8	1.4		
275	Soap and detergents	1974	10.2	1.4		
		1975	9.6	2.1		
		1976	10.8	1.2		
		1977	16.4	1.5		
276	Synthetic resins and plastics materials and synthetic rubber	1974	57.1	6.1		
		1975	72.1	7.5		
		1976	82.6	6.2		
		1977	85.6	11.7		
277	Dyestuffs and pigments	1974	22.5	3.5		
		1975	35.7	6.7		
		1976	38.0	5.7		
		1977	66.6	7.4		
278	Fertilizers	1974	22.7	1.5		
		1975	42.5	2.3		
		1976	39.9	2.5		
		1977	40.3	3.7		
279 (1)	Polishes	1974	3.5	0.3		
		1975	4.4	1.5		
		1976	2.8	0.2		
		1977	4.3	1.2		
279 (2)	Formulated adhesives, gelatine, etc.	1974	3.4	0.5		
		1975	3.5	0.5		
		1976	8.5	0.5		
		1977	6.0	0.5		
279 (3)	Explosives and fireworks	1974	5.5	1.7		
		1975	8.0	2.3		
		1976	11.1	2.9		
		1977	11.6	2.6		
279 (4)	Formulated pesticides, etc.	1974	4.6	0.7		
		1975	7.0	0.9		
		1976	15.0	1.9		
		1977	10.1	2.0		

Land and existing buildings		Plant and machinery		Vehicles	
Acquisitions	Disposals	Acquisitions	Disposals	Acquisitions	Disposals
£ million	£ million	£ million	£ million	£ million	£ million
1.5	0.1	31.6	0.3	3.6	1.2
1.0	0.3	45.9	0.4	3.7	1.5
1.5	1.2	48.8	1.1	4.4	1.9
2.5	1.2	63.3	0.9	7.1	2.3
0.4	0.3	5.1	0.2	1.3	0.6
0.4	0.2	4.3	0.3	1.2	0.7
1.8	0.8	7.2	0.4	1.4	0.5
1.3	0.2	9.3	0.3	2.1	1.1
0.6	0.4	7.3	0.2	2.6	0.8
1.2	0.4	8.4	0.2	2.4	0.8
0.9	0.2	9.1	0.5	3.0	1.0
0.4	0.4	12.0	0.2	4.1	1.5
0.1	0.1	8.1	0.2	1.2	0.4
0.3	0.2	7.0	0.3	1.1	0.4
0.6	—	8.0	0.2	1.6	0.4
0.3	0.2	14.2	0.6	2.0	0.8
1.8	0.5	49.3	1.5	2.4	0.5
2.6	0.1	62.2	0.8	2.0	0.5
1.0	—	74.2	0.9	2.8	0.7
1.1	0.8	71.9	1.9	4.8	1.1
0.4	0.1	18.6	0.3	0.5	0.2
0.1	0.3	28.9	0.3	0.6	0.1
0.2	0.7	44.9	12.7	0.9	0.2
0.2	0.1	58.5	0.2	1.0	0.2
0.6	0.1	19.9	0.4	1.5	0.4
0.9	0.2	38.5	0.3	1.6	0.4
0.3	0.6	36.9	0.5	1.8	0.4
0.6	0.3	35.2	0.5	2.4	0.8
1.4	0.4	2.1	0.3	0.7	0.3
0.1	—	2.5	0.2	0.7	0.3
0.1	—	2.0	—	1.0	0.5
0.1	—	2.1	—	1.4	0.5
0.2	—	2.6	0.1	0.4	0.2
0.1	—	2.6	—	0.5	0.2
0.6	0.1	7.0	0.1	0.6	0.2
0.2	0.2	5.3	0.3	0.8	0.3
0.5	0.1	3.4	0.2	0.2	—
1.1	0.3	4.6	0.2	0.5	—
0.1	—	7.7	—	0.5	0.1
0.9	0.1	7.7	0.1	0.7	0.1
0.5	—	3.4	0.2	0.3	0.1
0.7	—	4.8	—	0.6	0.1
1.1	0.4	12.9	1.2	0.9	0.2
0.2	—	7.3	—	0.8	0.2

TABLE 2 Capital expenditure, 1974-1977
All United Kingdom establishments classified to mining, manufacturing, construction, gas, electricity and water (a)(b)

Standard Industrial Classification Orders or minimum list heading (c)	Industry	Year	Total net (d)		New building work
			£ million	£ million	
ORDER V Chemicals and allied industries (continued)					
279 (5)	Printing ink	1974	2.5	0.8	
		1975	1.6	0.3	
		1976	2.3	0.3	
		1977	3.6	0.6	
279 (6)	Surgical bandages, etc.	1974	3.3	0.6	
		1975	6.8	1.6	
		1976	4.8	1.4	
		1977	5.3	1.0	
279 (7)	Photographic chemical materials	1974	10.1	1.2	
		1975	9.8	2.2	
		1976	9.9	4.6	
		1977	17.5	2.6	
ORDER VI Metal manufacture					
		1974	421.0	65.4	
		1975	628.4	99.5	
		1976R	688.2	95.9	
		1977	592.1	76.7	
311	Iron and steel (general)	1974	323.5	51.8	
		1975	492.8	76.7	
		1976R	544.2	70.9	
		1977	422.6	53.8	
312	Steel tubes	1974	14.9	1.9	
		1975	32.1	7.1	
		1976	39.4	12.8	
		1977	42.3	6.0	
313	Iron castings, etc.	1974	20.0	2.9	
		1975	25.8	2.9	
		1976	40.2	5.3	
		1977	39.5	5.3	
321	Aluminium and aluminium alloys	1974	36.0	4.9	
		1975	48.2	7.9	
		1976	34.2	3.0	
		1977	39.0	5.5	
322	Copper, brass and other copper alloys	1974	13.4	1.8	
		1975	15.3	1.4	
		1976	12.6	1.2	
		1977	17.7	1.5	
323	Miscellaneous base metals	1974	13.2	2.1	
		1975	14.2	3.5	
		1976	17.6	2.7	
		1977	31.0	4.6	
ORDER VII Mechanical engineering					
		1974	242.4	47.5	
		1975	280.2	58.6	
		1976R	345.0	58.2	
		1977	491.8	81.3	

Land and existing buildings		Plant and machinery		Vehicles	
Acquisitions	Disposals	Acquisitions	Disposals	Acquisitions	Disposals
£ million	£ million	£ million	£ million	£ million	£ million
0.2	0.1	1.3	—	0.4	0.1
0.3	0.3	1.0	0.1	0.5	0.1
0.1	0.1	1.6	0.1	0.6	0.1
0.1	—	2.5	0.1	0.8	0.2
—	—	2.3	—	0.6	0.1
0.2	—	5.0	0.2	0.5	0.1
—	—	2.8	0.1	0.9	0.3
0.1	0.1	3.4	0.1	1.5	0.5
0.9	0.1	8.4	0.7	0.7	0.3
0.1	0.3	7.7	0.1	0.3	0.1
0.1	0.2	5.0	0.2	0.8	0.3
2.6	0.3	12.4	0.2	0.5	0.2
5.9	7.2	353.8	5.9	11.8	3.1
9.2	3.0	524.4	10.3	11.8	3.0
6.1	3.9	584.2	5.8	15.6	4.1
7.3	4.4	501.4	6.4	22.7	5.2
2.4	4.5	274.0	3.7	4.5	1.1
3.5	2.3	418.4	7.1	4.8	1.2
1.8	0.8	470.1	2.8	6.6	1.6
2.6	1.8	362.5	3.4	10.9	2.0
0.2	1.1	13.7	0.5	0.9	0.3
1.7	0.2	23.0	0.3	1.0	0.2
0.3	0.4	26.4	0.8	1.4	0.4
0.3	0.7	36.2	0.6	1.5	0.4
0.6	0.4	15.9	0.4	2.1	0.7
0.9	0.1	22.2	1.5	2.2	0.6
2.7	0.4	31.2	0.4	2.4	0.7
1.8	0.8	31.7	0.7	3.3	1.1
1.1	0.2	29.1	0.5	1.9	0.4
1.7	—	38.3	0.7	1.4	0.4
0.8	1.2	30.9	1.1	2.2	0.5
1.2	0.9	31.3	0.9	3.7	0.9
1.0	0.9	11.1	0.7	1.5	0.4
1.3	0.3	12.4	0.6	1.5	0.4
0.4	0.9	11.2	0.4	1.8	0.6
0.3	0.1	14.9	0.5	2.1	0.5
0.6	0.1	10.0	0.1	0.9	0.2
0.1	0.1	10.1	0.1	0.9	0.2
0.1	0.2	14.4	0.3	1.2	0.3
1.1	0.1	24.8	0.3	1.2	0.3
15.7	9.1	177.1	13.0	34.2	10.0
12.8	5.8	204.0	13.4	35.1	10.9
18.5	11.4	263.7	18.7	50.3	15.8
23.3	9.6	365.2	22.2	74.4	20.1

TABLE 2 Capital expenditure, 1974-1977
All United Kingdom establishments classified to mining, manufacturing, construction, gas, electricity and water (a)(b)

Standard Industrial Classification Orders or minimum list heading (c)	Industry	Year	Total net (d)		New building work
			£ million		
ORDER VII					
Mechanical engineering (continued)					
331	Agricultural machinery (except tractors)	1974	6.5	2.0	
		1975	6.2	2.1	
		1976R	7.8	1.4	
		1977	14.4	4.1	
332	Metal-working machine tools	1974	13.4	2.2	
		1975	12.1	2.0	
		1976	15.0	1.3	
		1977	28.0	2.6	
333	Pumps, valves and compressors	1974	24.7	4.3	
333 (1)	Pumps	1975	5.6	0.4	
		1976	8.6	1.9	
		1977	11.6	2.1	
333 (2)	Valves	1975	10.2	1.8	
		1976	15.1	1.5	
		1977	17.4	2.1	
333 (3)(4)	Compressors and fluid power equipment	1975	16.6	3.7	
		1976	14.5	1.5	
		1977	16.0	1.8	
334	Industrial engines	1974	9.3	1.4	
		1975	10.8	2.0	
		1976	17.2	1.9	
		1977	25.0	3.5	
335	Textile machinery and accessories	1974	10.0	1.2	
		1975	7.9	1.6	
		1976	4.7	0.8	
		1977	11.4	1.3	
336	Construction and earth-moving equipment	1974	17.3	4.3	
		1975	24.3	7.5	
		1976R	40.1	15.2	
		1977	40.5	9.6	
337	Mechanical handling equipment	1974	17.0	5.6	
		1975	16.2	4.7	
		1976	18.8	3.0	
		1977	27.4	5.4	
338	Office machinery	1974	8.0	1.7	
		1975	9.3	1.6	
		1976	10.7	1.2	
		1977	11.8	0.2	
339 (1)	Mining machinery	1974	5.4	1.0	
		1975	7.4	1.4	
		1976	9.0	2.1	
		1977	10.8	1.9	
339 (2)	Printing, bookbinding and paper goods machinery	1974	5.4	1.0	
		1975	5.4	0.7	
		1976	4.3	0.9	
		1977	8.3	0.8	

Land and existing buildings		Plant and machinery		Vehicles	
Acquisitions	Disposals	Acquisitions	Disposals	Acquisitions	Disposals
£ million		£ million		£ million	
0.3	0.1	3.8	0.3	1.1	0.3
0.4	0.1	4.0	0.8	0.9	0.3
0.5	0.5	5.6	0.4	1.9	0.6
0.6	—	8.4	0.4	2.3	0.6
0.3	0.3	11.4	1.5	1.7	0.5
0.2	0.1	9.8	1.0	1.8	0.6
0.4	0.1	12.9	1.3	2.5	0.7
0.6	0.1	23.8	1.7	4.0	1.0
1.5	1.3	19.3	1.2	3.3	1.1
0.2	0.1	4.9	0.3	0.8	0.4
0.7	0.1	6.3	1.1	1.2	0.4
0.8	0.1	8.2	0.7	1.8	0.5
0.2	0.2	8.0	0.3	1.1	0.4
0.4	0.2	13.0	0.5	1.2	0.3
0.4	0.2	14.2	0.4	1.9	0.6
0.5	0.1	12.0	0.6	1.7	0.6
1.3	0.2	11.1	0.6	2.1	0.8
0.8	0.1	14.4	3.0	2.9	0.8
0.2	—	7.5	0.1	0.4	0.1
—	0.1	8.8	0.1	0.2	—
—	0.7	15.9	0.4	0.8	0.2
0.6	0.4	20.8	0.4	1.0	0.2
0.7	0.4	8.6	0.8	1.0	0.4
0.5	0.2	6.1	0.7	1.1	0.4
0.1	0.4	4.9	1.7	1.4	0.5
1.2	0.7	9.0	0.9	2.4	0.8
2.4	0.2	10.1	0.3	1.5	0.4
1.6	0.6	15.1	0.5	1.6	0.4
1.5	0.4	22.7	0.5	2.8	1.2
1.6	0.3	27.5	1.1	4.8	1.6
1.9	0.7	9.1	0.9	3.0	0.9
1.0	0.6	10.3	0.7	2.7	1.1
1.9	1.0	13.0	0.6	3.6	1.0
3.8	0.3	15.0	1.5	6.2	1.2
0.2	0.4	6.4	0.6	0.9	0.1
0.4	0.1	7.7	0.5	0.2	—
—	1.4	10.9	0.3	0.5	0.1
0.4	—	10.8	0.3	1.0	0.2
0.3	0.2	3.8	0.2	0.9	0.2
0.4	0.4	5.3	0.2	1.2	0.3
0.5	0.4	6.1	0.4	1.5	0.4
0.3	—	7.5	0.3	1.8	0.4
0.1	0.4	4.4	0.3	0.8	0.3
0.2	0.1	4.2	0.4	1.0	0.3
0.2	0.1	3.3	0.6	0.9	0.3
0.6	1.8	8.1	0.7	1.8	0.4

TABLE 2 Capital expenditure, 1974-1977
All United Kingdom establishments classified to mining, manufacturing, construction, gas, electricity and water (a)(b)

Standard Industrial Classification Orders or minimum list heading (c)	Industry	Year	Total net (d)		New building work
			£ million		
ORDER VII Mechanical engineering (continued)					
339 (3)(4)	Refrigerating machinery, space-heating, ventilating and air-conditioning equipment	1974	11.9		2.9
		1975	10.0		1.0
		1976	17.7		2.9
		1977	28.7		3.9
339 (5)(6)	Scales and weighing machinery and portable power tools	1974	2.3		0.2
		1975	2.3		0.3
		1976	5.7		0.3
		1977	8.1		1.7
339 (7)(8)	Food and drink processing machinery and packaging and bottling machinery	1974	8.7		2.5
		1975	9.3		2.7
		1976	9.1		1.0
		1977	16.0		5.4
339 (9)	Miscellaneous (non-electrical) machinery	1974	18.0		2.4
		1975	20.3		2.5
		1976	22.9		2.5
		1977	32.8		6.7
341	Industrial (including process) plant and steelwork	1974	32.6		7.7
		1975	48.1		15.2
		1976R	47.8		10.3
		1977	81.4		14.8
342	Ordnance and small arms	1974	6.3		1.0
		1975	8.8		2.4
		1976	15.9		1.9
		1977	15.3		1.9
349 (1)	Ball, roller, plain and other bearings	1974	9.0		0.8
		1975	12.9		1.4
		1976	12.1		2.0
		1977	19.0		4.5
349 (2)(3)	Precision chains and other mechanical engineering	1974	36.6		5.3
		1975	36.5		3.6
		1976	48.0		4.7
		1977	67.9		7.0
ORDER VIII Instrument engineering					
351	Photographic and document copying equipment	1974	10.5		0.1
		1975	14.0		4.2
		1976R	8.2		2.4
		1977	10.8		1.0
352	Watches and clocks	1974	2.6		0.2
		1975	2.8		0.1
		1976	3.1		0.1
		1977	2.6		0.1

Land and existing buildings		Plant and machinery		Vehicles	
Acquisitions	Disposals	Acquisitions	Disposals	Acquisitions	Disposals
£ million		£ million		£ million	
0.9	0.4	7.5	0.2	2.2	0.8
0.3	0.3	7.5	0.3	2.6	0.7
1.3	0.2	11.2	0.2	3.6	0.9
1.3	1.8	22.3	0.8	4.9	1.2
0.3	0.2	1.7	0.1	0.4	0.1
0.1	—	1.5	0.1	0.6	0.1
1.6	—	3.3	0.1	0.8	0.2
0.5	0.3	5.2	—	1.5	0.4
0.3	—	5.4	0.3	1.1	0.4
0.4	0.1	5.9	0.5	1.2	0.3
0.1	0.1	7.0	0.4	2.0	0.5
0.5	0.2	9.2	0.7	2.4	0.6
1.6	1.0	13.9	1.0	3.0	0.9
2.8	1.2	15.0	1.1	3.3	1.0
1.0	1.0	18.8	1.4	4.2	1.4
2.1	1.8	23.2	1.6	6.1	1.9
2.7	1.6	20.5	1.7	6.7	1.7
2.2	0.4	27.3	1.5	7.5	2.2
4.2	2.5	32.6	4.0	10.8	3.6
2.4	0.9	56.2	2.9	16.2	4.4
0.2	0.1	5.3	0.3	0.2	—
—	—	6.5	0.2	0.2	—
—	0.1	14.1	0.2	0.4	0.1
0.1	—	13.1	0.2	0.4	0.1
0.1	0.2	8.7	0.7	0.5	0.2
0.2	0.6	12.3	0.8	0.6	0.2
0.2	0.9	10.9	0.5	0.6	0.2
0.5	—	13.9	0.6	1.0	0.2
1.7	1.6	29.7	2.5	5.5	1.6
1.2	0.5	31.8	2.8	4.8	1.6
2.6	1.1	40.1	3.5	7.5	2.4
4.2	0.6	54.4	4.0	10.0	3.0
1.7	1.7	32.5	1.1	4.7	1.5
1.8	0.7	32.3	1.5	4.7	1.4
1.8	0.6	41.9	1.5	7.5	2.5
6.5	4.4	51.2	3.6	11.4	3.2
0.3	—	9.9	—	0.2	0.1
—	—	10.1	0.5	0.2	—
—	—	5.9	0.4	0.4	0.1
—	—	9.8	0.5	0.6	0.1
—	—	2.5	0.1	0.1	—
0.4	—	2.3	—	0.1	—
—	—	7.4	0.6	0.3	0.1
—	—	2.4	0.1	0.3	0.1

TABLE 2 Capital expenditure, 1974-1977
All United Kingdom establishments classified to mining, manufacturing, construction, gas, electricity and water (a)(b)

Standard Industrial Classification Orders or minimum list heading (c)	Industry	Year	Total net	New building work
			(d)	(e)
			£ million	£ million
ORDER VIII Instrument engineering (continued)				
353	Surgical instruments and appliances	1974	5.4	0.5
		1975	6.3	0.7
		1976	10.6	0.4
		1977	10.7	1.1
354	Scientific and industrial instruments and systems	1974	19.7	2.8
		1975	19.3	2.5
		1976	29.0	1.3
		1977	40.8	4.3
ORDER IX Electrical engineering				
361	Electrical machinery	1974	29.4	5.3
		1975	33.4	5.6
		1976	45.8	9.3
		1977	51.0	7.1
362	Insulated wires and cables	1974	21.0	3.0
		1975	22.8	1.6
		1976R	19.9	1.1
		1977	27.9	2.8
363	Telegraph and telephone apparatus and equipment	1974	22.9	3.6
		1975	30.1	7.2
		1976	57.2	13.4
		1977	41.6	7.0
364	Radio and electronic components	1974	45.0	4.0
		1975	43.6	5.8
		1976R	47.4	3.9
		1977	65.5	3.8
365(1)	Gramophone records and tape recordings	1974	3.3	0.5
		1975	3.4	0.5
		1976	2.0	0.6
		1977	4.2	0.1
365(2)	Broadcast receiving and sound reproducing equipment	1974	14.4	6.3
		1975	7.0	0.7
		1976R	9.8	1.4
		1977	9.0	1.5
366	Electronic computers	1974	9.7	2.6
		1975	11.7	2.5
		1976	12.2	4.1
		1977	46.2	14.0
367	Radio, radar and electronic capital goods	1974	25.9	2.9
		1975	23.6	1.8
		1976	33.3	2.2
		1977	42.5	3.8

Land and existing buildings		Plant and machinery		Vehicles	
Acquisitions	Disposals	Acquisitions	Disposals	Acquisitions	Disposals
£ million	£ million	£ million	£ million	£ million	£ million
0.3	0.7	5.0	0.3	1.0	0.4
0.6	0.2	4.8	0.3	1.2	0.4
0.3	0.1	9.2	0.3	1.7	0.6
1.1	0.1	7.9	0.8	2.2	0.8
1.1	1.0	15.1	0.7	3.4	1.0
0.8	0.5	15.1	0.7	3.2	1.0
1.3	0.4	24.1	0.8	5.2	1.7
5.4	4.2	31.2	2.2	8.6	2.2
7.1	4.8	171.0	4.8	15.5	3.9
10.4	2.8	176.9	7.2	15.8	4.1
15.4	5.5	220.1	10.5	26.2	6.3
14.3	5.8	298.2	18.8	33.6	8.0
1.3	0.7	22.3	0.8	2.8	0.7
1.4	0.4	25.3	0.8	3.0	0.7
1.5	0.8	33.1	0.9	4.7	1.1
2.7	1.6	39.3	1.2	6.2	1.6
0.3	—	17.7	0.6	1.0	0.3
1.2	0.1	19.4	0.3	1.5	0.3
0.7	0.3	17.6	0.2	1.4	0.3
0.3	1.0	24.5	0.6	2.4	0.4
0.5	0.1	18.4	0.4	1.2	0.2
—	—	22.6	0.5	0.9	0.3
0.1	0.1	42.8	1.8	3.6	0.9
0.3	—	35.0	2.1	1.9	0.5
1.3	0.3	40.0	1.2	1.8	0.6
1.5	0.4	37.8	2.1	1.7	0.6
1.9	0.6	42.2	1.6	2.5	0.8
3.2	0.1	56.4	1.2	3.5	0.1
0.2	—	2.3	—	0.4	0.1
0.6	—	1.8	—	0.8	0.3
0.1	—	1.6	0.3	0.9	0.3
0.2	—	3.6	0.1	0.6	0.2
0.3	—	7.5	0.3	0.8	0.2
0.5	0.1	6.2	0.5	0.4	0.2
0.8	0.3	7.9	0.5	0.8	0.3
0.1	1.1	9.8	2.7	1.7	0.3
—	—	6.4	0.1	0.8	0.1
0.1	0.3	9.7	1.0	0.9	0.1
0.1	1.4	9.3	1.0	1.3	0.2
3.3	—	34.6	7.6	2.4	0.6
1.5	0.2	20.9	0.4	1.7	0.4
2.6	0.1	18.7	0.6	1.8	0.5
7.9	0.1	23.8	2.8	3.3	1.0
1.0	0.1	36.8	1.8	3.9	1.1

TABLE 2 Capital expenditure, 1974-1977
All United Kingdom establishments classified to mining, manufacturing, construction, gas, electricity and water (a)(b)

Standard Industrial Classification Orders or minimum list heading (c)	Industry	Year	Total net (d)		New building work
			£ million		
ORDER IX Electrical engineering (continued)					
368	Electrical appliances primarily for domestic use	1974	18.0	3.5	
		1975	19.9	3.2	
		1976	19.9	1.9	
		1977	30.6	3.7	
369 (1)	Electrical equipment for motor vehicles, cycles and aircraft	1974	8.7	1.1	
		1975	7.5	0.8	
		1976	9.2	0.4	
		1977	10.4	1.4	
369 (2)(3)	Primary and secondary batteries	1974	6.4	2.0	
		1975	8.9	2.7	
		1976	11.5	3.3	
		1977	16.5	3.4	
369 (4)(5)	Electric lamps, electric light fittings, wiring accessories, etc.	1974	12.0	1.9	
		1975	10.5	1.4	
		1976	13.8	2.0	
		1977	21.7	4.2	
ORDER X Shipbuilding and marine engineering					
370	Shipbuilding and marine engineering	1974	64.1	28.3	
		1975	74.8	33.3	
		1976	89.8	34.4	
		1977	65.4	22.0	
ORDER XI Vehicles					
380	Wheeled tractor manufacturing	1974	249.9	34.7	
		1975	265.0	30.8	
		1976	292.5	34.3	
		1977	429.7	60.1	
381 (1)	Motor vehicle manufacturing	1974	188.2	24.1	
		1975	174.8	17.4	
		1976	187.8	17.4	
		1977	323.4	37.5	
381 (2)	Trailers, caravans and freight containers	1974	4.9	1.2	
		1975	2.2	0.7	
		1976	5.0	1.1	
		1977	10.8	4.0	
382	Motor cycle, tricycle and pedal cycle manufacturing	1974	2.3	0.2	
		1975	1.7	0.1	
		1976	2.1	0.1	
		1977	2.2	0.3	
383	Aerospace equipment manufacturing and repairing	1974	34.9	5.1	
		1975	54.7	7.1	
		1976	60.1	10.1	
		1977	60.2	10.7	

Land and existing buildings		Plant and machinery		Vehicles	
Acquisitions	Disposals	Acquisitions	Disposals	Acquisitions	Disposals
£ million		£ million		£ million	
1.0	2.3	14.3	0.5	2.7	0.7
0.9	0.1	14.1	0.4	2.9	0.6
0.4	0.5	15.8	0.4	3.4	0.5
1.5	0.6	22.5	0.4	5.0	1.0
—	0.2	7.6	0.2	0.4	0.2
—	0.1	6.8	0.3	0.3	0.1
0.7	0.3	7.7	0.2	1.2	0.1
0.2	—	7.9	0.4	2.0	0.6
0.3	0.5	3.9	—	0.8	0.1
0.2	0.1	6.1	0.4	0.6	0.1
0.8	0.9	7.5	0.5	1.5	0.2
0.8	0.5	11.0	0.1	2.1	0.2
0.4	0.5	9.7	0.3	1.1	0.3
1.4	1.1	8.4	0.3	1.0	0.3
0.4	0.2	10.8	0.3	1.6	0.5
0.7	0.8	16.8	0.6	1.9	0.4
3.6	0.6	32.5	1.6	2.3	0.5
0.5	0.5	43.1	2.6	1.5	0.5
0.6	1.0	43.2	2.5	16.4	1.3
5.0	0.4	38.1	1.8	3.3	0.7
7.0	9.0	212.6	5.2	14.2	4.8
7.4	5.6	225.6	5.4	21.4	9.2
11.2	7.6	249.5	6.1	15.3	4.0
24.4	4.9	327.8	8.2	43.5	13.1
0.7	0.1	11.6	0.1	0.4	0.1
0.1	0.2	20.8	0.1	0.5	0.1
0.8	—	22.6	0.2	0.4	0.1
0.2	0.1	18.4	0.8	0.8	0.1
4.0	3.5	161.3	3.4	9.3	3.6
6.4	4.3	149.2	2.9	16.4	7.5
8.4	6.9	167.1	3.7	8.0	2.5
20.2	3.5	247.9	3.1	34.1	9.8
1.4	0.1	2.0	0.1	0.8	0.4
0.1	0.4	1.7	0.5	0.9	0.4
0.1	0.1	3.1	0.3	1.6	0.5
1.1	0.6	5.1	0.1	2.1	0.8
0.2	—	1.6	0.1	0.4	0.1
—	—	1.5	—	0.2	—
—	—	1.6	—	0.6	0.1
0.6	0.2	1.9	0.7	0.4	0.1
0.4	5.3	33.8	1.4	2.8	0.5
0.6	0.7	47.6	1.8	3.0	1.1
1.7	0.6	47.9	1.7	3.4	0.7
2.2	0.5	48.2	3.4	5.0	2.0

TABLE 2 Capital expenditure, 1974-1977
All United Kingdom establishments classified to mining, manufacturing, construction, gas, electricity and water (a)(b)

Standard Industrial Classification Orders or minimum list heading (c)	Industry	Year	Total net (d)		New building work	
			£ million	£ million	£ million	£ million
ORDER XI	Vehicles (continued)					
384, 385	Locomotives, railway track equipment, railway carriages, wagons and trams	1974	4.4	1.5		
		1975	8.1	3.0		
		1976	10.4	2.0		
		1977	11.1	4.0		
ORDER XII	Metal goods not elsewhere specified					
		1974	155.6	26.7		
		1975	160.0	24.6		
		1976	182.3	20.6		
		1977	228.0	28.2		
390	Engineers' small tools and gauges	1974	18.2	2.2		
		1975	18.1	1.6		
		1976	15.7	1.1		
		1977	24.8	2.6		
391	Hand tools and implements	1974	4.1	0.8		
		1975	3.0	0.4		
		1976	4.5	0.9		
		1977	5.6	0.5		
392	Cutlery, spoons, forks and plated table-ware, etc.	1974	2.4	0.2		
		1975	2.6	0.3		
		1976	3.6	0.1		
		1977	7.3	0.2		
393	Bolts, nuts, screws, rivets, etc.	1974	11.2	1.7		
		1975	11.4	1.0		
		1976	10.4	0.5		
		1977	9.7	1.1		
394	Wire and wire manufactures	1974	18.1	3.0		
		1975	18.2	3.1		
		1976	15.6	1.6		
		1977	22.7	2.8		
395	Cans and metal boxes	1974	15.2	2.5		
		1975	20.8	6.0		
		1976	14.6	1.6		
		1977	18.3	1.9		
396	Jewellery and precious metals	1974	8.0	2.0		
		1975	6.4	1.4		
		1976	9.3	1.3		
		1977	11.9	2.3		
399 (1)	Metal furniture	1974	4.9	1.2		
		1975	5.6	0.9		
		1976	6.2	0.7		
		1977	7.0	1.4		
399 (5)	Drop forgings, etc.	1974	9.8	1.3		
		1975	9.4	1.0		
		1976	14.6	0.9		
		1977	12.9	1.0		

Land and existing buildings		Plant and machinery		Vehicles	
Acquisitions	Disposals	Acquisitions	Disposals	Acquisitions	Disposals
£ million	£ million	£ million	£ million	£ million	£ million
0.3	—	2.3	0.1	0.5	0.1
0.2	—	4.8	0.1	0.4	0.1
0.2	—	7.2	0.2	1.3	0.1
0.1	—	6.3	0.1	1.1	0.3
9.5	3.9	113.9	5.9	22.0	6.7
8.9	2.7	120.8	6.6	22.1	7.0
15.3	5.7	140.0	10.3	31.8	9.4
13.7	5.3	176.9	14.9	42.6	13.1
0.5	0.6	15.3	1.1	2.8	0.9
0.7	0.4	15.6	0.9	2.3	0.8
0.8	0.4	13.9	1.6	3.0	1.1
1.4	0.8	19.8	1.7	5.1	1.6
0.3	0.1	2.9	0.1	0.5	0.2
0.1	0.1	2.6	0.3	0.5	0.2
0.1	—	3.2	0.1	0.7	0.3
0.3	0.1	4.5	0.2	1.0	0.4
—	—	1.9	0.1	0.6	0.2
0.1	—	2.0	0.1	0.6	0.2
0.4	—	2.7	0.2	0.9	0.3
0.4	0.2	6.0	0.1	1.4	0.4
1.1	0.2	8.2	0.5	1.3	0.3
0.3	0.6	10.2	0.3	1.2	0.4
0.2	0.3	9.9	1.0	1.7	0.5
0.1	0.4	8.7	1.1	1.8	0.6
0.5	0.2	14.2	0.5	1.6	0.5
0.4	—	15.6	2.0	1.4	0.4
0.6	0.2	13.2	1.1	2.0	0.5
0.4	0.5	19.1	0.9	2.6	0.7
0.2	—	12.4	0.8	1.0	0.2
1.2	—	13.8	0.9	1.0	0.2
0.5	0.3	13.1	1.0	0.9	0.2
3.5	0.2	12.4	0.9	2.1	0.5
1.4	—	4.8	0.8	1.1	0.3
0.2	0.3	4.5	0.1	1.2	0.4
2.4	0.1	5.3	0.4	1.4	0.6
0.9	0.1	8.3	0.7	2.1	1.0
0.6	0.1	2.8	0.3	0.9	0.4
0.1	—	4.1	0.2	1.2	0.4
0.8	0.1	3.6	0.2	1.9	0.5
0.2	—	4.3	0.1	2.0	0.8
0.7	0.7	8.2	0.2	0.6	0.1
0.2	0.1	8.0	0.2	0.6	0.2
0.3	1.4	14.6	0.3	0.7	0.2
0.3	0.1	11.2	0.2	0.8	0.2

TABLE 2 Capital expenditure, 1974-1977
All United Kingdom establishments classified to mining, manufacturing, construction, gas, electricity and water (a)

Standard Industrial Classification Orders or minimum list heading (c)	Industry	Year	Total net (d)	
			£ million	£ million
ORDER XII Metal goods not elsewhere specified (continued)				
399 (6)(7)	Metal hollow-ware	1974	5.3	0.7
		1975	4.8	0.8
		1976	6.0	0.4
		1977	6.3	0.6
399 (2)(3)(4) (8)(9)(10)(11) (12)	Miscellaneous metal manufacture	1974	58.4	11.1
		1975	59.7	8.1
		1976	81.6	11.5
		1977	101.5	13.8
ORDER XIII Textiles				
411	Production of man-made fibres	1974	220.2	39.7
		1975	186.7	26.1
		1976R	180.9	19.2
		1977	187.3	20.0
412	Spinning and doubling on the cotton and flax systems	1974	22.4	1.9
		1975	16.9	1.2
		1976	14.2	1.3
		1977	9.4	0.4
413	Weaving of cotton, linen and man-made fibres	1974	31.6	10.1
		1975	34.8	8.4
		1976	21.0	3.5
		1977	13.9	1.8
414	Woollen and worsted	1974	30.5	5.3
		1975	27.5	3.8
		1976	26.7	4.2
		1977	38.8	6.4
415	Jute	1974	4.2	1.0
		1975	3.7	1.0
		1976	3.1	0.1
		1977	4.6	0.3
416	Rope, twine and net	1974	2.6	0.3
		1975	1.8	0.3
		1976	1.0	0.6
		1977	1.4	0.1
417 (1)	Hosiery and other knitted goods	1974	28.2	3.7
		1975	18.7	1.0
		1976	27.6	1.7
		1977	26.4	1.8
417 (2)	Warp knitting	1974	6.2	1.1
		1975	2.9	0.1
		1976	2.5	0.2
		1977	9.8	0.5

Land and existing buildings		Plant and machinery		Vehicles	
Acquisitions	Disposals	Acquisitions	Disposals	Acquisitions	Disposals
£ million	£ million	£ million	£ million	£ million	£ million
0.2	—	3.7	0.1	1.1	0.3
0.3	0.2	3.3	0.1	0.8	0.2
0.8	0.1	4.1	0.2	1.2	0.2
0.2	—	4.8	0.8	2.1	0.4
4.0	2.0	39.5	1.4	10.5	3.3
5.3	1.0	41.1	1.5	11.3	3.6
8.4	2.8	56.4	4.2	17.4	5.0
6.0	2.9	77.8	8.2	21.6	6.5
5.9	4.8	179.8	9.6	13.1	4.4
5.1	3.3	161.8	11.2	13.7	4.7
5.5	4.4	164.2	15.4	17.5	5.7
6.0	10.1	169.2	15.8	24.9	7.6
0.8	0.5	32.9	0.9	0.8	0.1
0.2	0.4	33.9	2.7	0.7	0.1
0.3	—	27.3	0.9	0.5	0.2
0.1	0.1	25.5	0.7	1.2	0.2
0.5	0.3	20.4	0.7	0.9	0.3
0.1	0.4	15.7	0.8	2.1	0.9
—	0.3	13.4	1.0	1.1	0.3
0.1	0.2	9.9	1.9	1.3	0.4
0.2	0.2	22.5	1.6	0.9	0.3
0.3	0.1	27.0	1.3	0.8	0.3
0.6	0.3	17.4	0.9	1.0	0.3
0.5	0.5	12.9	1.7	1.4	0.5
0.8	1.7	26.5	1.8	2.2	0.8
1.0	0.9	24.3	1.8	1.8	0.7
0.9	2.0	25.8	4.3	3.1	1.1
1.3	2.0	33.1	2.9	4.3	1.4
0.2	0.3	3.2	0.1	0.2	—
—	—	2.7	0.2	0.3	0.1
0.1	—	3.1	0.3	0.2	0.1
0.1	0.4	4.6	0.2	0.4	0.1
—	—	2.7	0.5	0.2	0.1
—	—	2.1	0.7	0.3	0.1
—	—	2.0	1.8	0.3	0.2
0.1	—	1.1	0.2	0.5	0.2
1.1	0.7	24.4	1.9	2.3	0.8
1.7	0.4	17.6	2.0	2.2	0.9
1.6	0.8	26.1	3.0	3.2	1.1
1.5	1.8	24.4	2.6	4.5	1.5
—	—	5.1	0.2	0.3	0.1
—	0.1	2.9	0.3	0.3	0.1
—	—	2.8	0.8	0.4	0.1
—	—	11.5	2.6	0.6	0.3

TABLE 2 Capital expenditure, 1974-1977
All United Kingdom establishments classified to mining, manufacturing, construction, gas, electricity and water (a)(b)

Standard Industrial Classification Orders or minimum list heading (c)	Industry	Year	Total net (d)		New building work		Land and existing buildings		Plant and machinery		Vehicles	
			£ million		£ million		Acquisitions	Disposals	Acquisitions	Disposals	Acquisitions	Disposals
			£ million	£ million	£ million	£ million	£ million	£ million	£ million	£ million	£ million	£ million
ORDER XIII	Textiles (continued)											
418	Lace	1974	0.5	—	—	—	—	—	—	—	—	—
		1975	0.5	—	—	—	—	—	—	—	—	—
		1976	0.6	0.1	—	—	—	—	—	—	—	—
		1977	1.0	0.2	—	—	—	—	—	—	—	—
419	Carpets	1974	18.9	5.5	0.6	0.1	0.4	—	0.1	0.1	0.1	0.1
		1975	15.3	2.0	0.7	0.2	0.4	—	0.1	0.1	—	—
		1976	13.3	1.3	0.5	0.1	0.3	0.1	0.2	0.2	0.1	0.1
		1977	12.0	2.8	0.7	0.1	0.6	—	0.3	0.2	0.1	0.1
421	Narrow fabrics	1974	3.1	0.4	0.1	0.1	2.6	0.1	0.4	0.4	0.2	0.2
		1975	4.0	1.2	—	0.3	2.8	0.1	0.4	0.1	0.1	0.1
		1976	4.5	0.5	0.4	0.3	3.4	0.1	0.6	0.1	0.2	0.2
		1977	5.1	0.3	—	0.4	4.6	0.2	1.0	0.2	0.3	0.3
422 (1)	Household textiles and handkerchiefs	1974	4.5	1.5	0.3	0.3	2.7	0.1	0.6	0.6	0.2	0.2
		1975	2.3	0.3	0.1	0.1	2.1	0.4	0.6	0.4	0.2	0.2
		1976	3.4	0.5	0.1	—	2.1	0.1	1.0	0.1	0.3	0.3
		1977	4.8	1.0	0.3	0.6	3.1	0.1	1.2	0.1	0.4	0.4
422 (2)	Canvas goods and sacks and other made-up textiles	1974	1.1	0.2	—	0.1	0.7	0.1	0.6	0.6	0.3	0.3
		1975	1.5	0.1	0.3	0.1	0.9	—	0.6	—	0.2	0.2
		1976	1.4	0.4	0.1	0.1	0.8	0.1	0.6	0.1	0.3	0.3
		1977	2.0	0.4	0.3	0.6	1.4	0.2	1.0	0.2	0.3	0.3
423	Textile finishing	1974	19.4	3.3	1.3	0.4	15.2	0.8	1.0	1.0	0.3	0.3
		1975	15.2	2.0	0.5	0.2	12.7	0.5	1.0	0.5	0.3	0.3
		1976	23.3	1.9	0.2	0.4	21.7	1.4	1.8	1.4	0.5	0.5
		1977	19.3	1.9	0.4	0.3	16.5	0.9	2.2	0.9	0.6	0.6
429 (1)	Asbestos	1974	5.0	0.6	—	0.1	4.1	0.1	0.7	0.7	0.2	0.2
		1975	4.2	0.4	0.1	0.1	3.2	—	0.7	—	0.2	0.2
		1976	6.4	1.0	—	0.1	5.0	0.1	0.8	0.1	0.2	0.2
		1977	6.9	0.6	0.1	0.1	5.8	0.7	1.6	0.7	0.3	0.3
429 (2)	Miscellaneous textile industries	1974	4.7	0.5	—	—	4.0	0.1	0.3	0.3	0.1	0.1
		1975	2.1	0.5	0.1	—	1.4	0.1	0.2	0.1	0.1	0.1
		1976	3.2	0.1	0.5	—	2.3	0.1	0.6	0.1	0.1	0.1
		1977	4.9	0.4	0.3	0.1	3.7	0.1	0.8	0.1	0.2	0.2
ORDER XIV	Leather, leather goods and fur											
		1974	9.1	2.5	0.3	0.2	5.5	0.2	1.5	1.5	0.4	0.4
		1975	8.1	1.0	1.0	0.1	5.9	0.6	1.6	0.6	0.5	0.5
		1976	10.7	1.4	2.0	0.5	6.7	0.6	2.4	0.6	0.7	0.7
		1977	11.7	1.7	1.3	0.4	7.5	0.4	3.1	0.4	1.0	1.0
431	Leather (tanning and dressing) and fellmongery	1974	6.5	2.1	—	0.2	4.2	0.2	0.8	0.8	0.3	0.3
		1975	6.2	0.9	0.6	0.1	4.7	0.5	1.0	0.5	0.3	0.3
		1976	6.8	1.2	1.0	0.2	4.6	0.5	1.2	0.5	0.4	0.4
		1977	8.3	1.4	0.7	0.2	5.6	0.3	1.6	0.3	0.4	0.4
432	Leather goods	1974	2.1	0.4	0.3	—	1.0	—	0.5	0.5	0.1	0.1
		1975	1.5	0.1	0.3	—	0.9	0.1	0.5	0.1	0.2	0.2
		1976	2.6	0.1	0.5	0.3	1.6	0.1	0.9	0.1	0.2	0.2
		1977	2.5	0.2	0.4	0.2	1.4	0.1	1.3	0.1	0.2	0.2

TABLE 2 Capital expenditure, 1974-1977
All United Kingdom establishments classified to mining, manufacturing, construction, gas, electricity and water (a)(b)

Standard Industrial Classification Orders or minimum list heading (c)	Industry	Year	Total net (d)		New building work	
			£ million	£ million	£ million	£ million
ORDER XIV Leather, leather goods and fur (continued)						
433	Fur	1974	0.5	-	-	-
		1975	0.4	-	-	-
		1976	1.3	0.1	-	-
		1977	0.9	-	-	-
ORDER XV Clothing and footwear						
441	Weatherproof outerwear	1974	2.2	0.6	-	-
		1975	1.4	0.2	-	-
		1976	2.5	0.5	-	-
		1977	4.1	0.2	-	-
442	Men's and boys' tailored outerwear	1974	6.3	0.6	-	-
		1975	5.9	0.5	-	-
		1976	8.3	0.8	-	-
		1977	9.4	1.2	-	-
443	Women's and girls' tailored outerwear	1974	5.4	2.3	-	-
		1975	4.4	0.6	-	-
		1976	3.3	0.2	-	-
		1977	6.5	0.8	-	-
444	Overalls and men's shirts, underwear, etc.	1974	3.9	0.6	-	-
		1975	2.7	0.2	-	-
		1976	5.2	0.4	-	-
		1977	7.4	1.0	-	-
445	Dresses, lingerie, infants' wear, etc.	1974	10.1	3.3	-	-
		1975	10.4	1.4	-	-
		1976	13.4	1.5	-	-
		1977	11.0	1.4	-	-
446	Hats, caps and millinery	1974	0.7	0.1	-	-
		1975	1.1	0.2	-	-
		1976	0.9	0.3	-	-
		1977	0.9	0.2	-	-
449 (1)(3)(4)	Corsets and miscellaneous dress industries	1974	2.8	0.4	-	-
		1975	2.2	0.1	-	-
		1976	3.2	0.3	-	-
		1977	4.0	0.5	-	-
449 (2)	Gloves	1974	0.3	0.1	-	-
		1975	0.2	-	-	-
		1976	0.6	0.1	-	-
		1977	1.6	1.0	-	-
450	Footwear	1974	7.4	1.3	-	-
		1975	6.1	0.3	-	-
		1976	6.3	0.4	-	-
		1977	7.8	0.6	-	-

Land and existing buildings		Plant and machinery		Vehicles	
Acquisitions	Disposals	Acquisitions	Disposals	Acquisitions	Disposals
£ million	£ million	£ million	£ million	£ million	£ million
-	-	0.3	-	0.2	-
0.1	-	0.3	-	0.1	-
0.5	-	0.5	-	0.3	0.1
0.2	-	0.5	-	0.2	0.1
3.6	0.9	22.7	0.9	8.7	3.2
3.4	0.6	22.6	1.2	9.6	3.2
4.9	2.6	32.0	2.6	12.5	4.8
4.3	3.4	37.4	2.5	16.0	6.0
0.4	-	1.0	0.1	0.5	0.2
0.1	-	1.0	-	0.4	0.1
-	0.2	2.0	0.1	0.7	0.3
0.6	0.2	3.3	0.3	0.8	0.3
0.2	0.2	4.8	0.1	1.4	0.4
0.3	0.1	4.5	0.2	1.3	0.5
0.8	0.8	6.5	0.3	2.1	0.8
0.9	0.5	7.1	0.6	2.1	0.8
0.2	-	2.3	0.1	1.3	0.4
0.8	-	2.4	0.1	1.0	0.3
0.4	-	2.4	0.4	1.2	0.5
0.8	-	4.0	0.1	1.8	0.7
0.6	0.1	2.4	0.1	0.9	0.3
0.2	0.1	1.9	0.2	0.9	0.3
0.4	0.5	4.1	0.3	1.6	0.5
0.6	0.5	5.5	0.5	2.0	0.8
1.1	0.4	4.9	0.2	2.4	1.0
1.2	0.1	5.7	0.3	3.5	1.0
2.2	0.6	9.2	1.0	3.5	1.4
0.8	1.4	7.6	0.5	5.0	1.9
0.1	-	0.3	-	0.2	0.1
0.2	0.1	0.6	-	0.2	0.1
-	-	0.5	-	0.2	0.1
-	-	0.5	-	0.3	0.1
0.3	-	1.9	0.1	0.5	0.2
0.2	0.1	1.6	0.1	0.7	0.3
0.5	0.1	2.1	0.2	1.0	0.4
0.2	0.2	2.9	0.2	1.3	0.4
-	-	0.1	-	0.2	0.1
-	-	0.1	-	0.2	0.1
0.3	-	0.2	-	0.2	0.1
-	-	0.4	-	0.3	0.1
0.7	0.2	5.0	0.2	1.3	0.5
0.4	0.1	4.8	0.3	1.4	0.5
0.3	0.4	5.0	0.3	2.0	0.7
0.4	0.6	6.1	0.3	2.4	0.9

TABLE 2 Capital expenditure, 1974-1977
All United Kingdom establishments classified to mining, manufacturing, construction, gas, electricity and water (a)(b)

Standard Industrial Classification Orders or minimum list heading (c)	Industry	Year	Total net (d)		New building work
			£ million	£ million	
ORDER XVI	Bricks, pottery, glass, cement, etc.	1974	159.6	32.2	
		1975	143.7	23.2	
		1976R	153.2	20.0	
		1977	238.4	31.5	
461 (1)	Refractory goods	1974	4.5	0.6	
		1975	5.2	0.7	
		1976	8.6	0.8	
		1977	12.5	1.2	
461 (2)	Building bricks and non-refractory goods	1974	18.0	3.4	
		1975	16.9	3.1	
		1976	18.4	2.3	
		1977	21.9	3.3	
462	Pottery	1974	18.8	4.8	
		1975	14.4	3.9	
		1976	16.6	4.3	
		1977	23.2	5.6	
463	Glass	1974	45.1	10.1	
		1975	42.2	6.4	
		1976R	31.8	4.9	
		1977	58.3	9.8	
464	Cement	1974	22.4	4.4	
		1975	17.7	3.2	
		1976R	21.2	2.4	
		1977	33.8	4.1	
469 (1)	Abrasives	1974	2.1	0.2	
		1975	3.4	0.9	
		1976	3.1	0.4	
		1977	3.8	0.2	
469 (2)	Miscellaneous building materials and mineral products	1974	48.7	8.7	
		1975	43.9	5.0	
		1976	53.5	4.9	
		1977	85.1	7.3	
ORDER XVII	Timber, furniture, etc.	1974	77.1	21.5	
		1975	66.5	15.0	
		1976	102.3	21.6	
		1977	122.5	21.1	
471	Timber	1974	40.9	11.6	
		1975	35.0	8.3	
		1976	55.6	15.1	
		1977	55.3	11.5	
472	Furniture and upholstery	1974	20.5	7.0	
		1975	16.3	3.7	
		1976	23.5	3.3	
		1977	33.5	4.7	

Land and existing buildings		Plant and machinery		Vehicles	
Acquisitions	Disposals	Acquisitions	Disposals	Acquisitions	Disposals
£ million	£ million	£ million	£ million	£ million	£ million
6.6	2.4	111.5	3.3	19.6	4.7
5.9	2.9	110.6	3.4	14.6	4.1
6.3	9.4	126.0	5.3	20.0	4.4
8.1	2.8	180.3	7.0	34.6	6.2
0.2	0.2	3.4	0.2	0.7	0.2
0.1	0.1	4.1	0.1	0.7	0.2
0.1	0.1	7.3	0.5	1.3	0.2
0.9	0.2	9.8	0.1	1.2	0.3
1.1	1.2	14.5	0.8	1.4	0.5
0.5	1.0	13.2	0.2	1.6	0.3
0.6	0.7	14.1	0.2	2.7	0.4
0.4	0.5	16.9	0.3	2.5	0.4
1.0	0.1	12.6	0.2	1.1	0.3
0.3	-	9.6	0.2	1.2	0.4
1.7	0.1	9.9	0.2	1.4	0.4
1.1	0.2	15.2	0.1	2.2	0.6
0.5	0.1	32.7	0.3	2.6	0.4
2.1	0.5	33.4	0.7	2.0	0.5
1.1	6.1	31.2	1.4	2.7	0.7
1.0	0.6	49.3	3.6	3.2	0.8
1.3	0.1	13.3	0.5	4.5	0.5
0.2	0.3	13.9	0.6	1.5	0.2
0.6	0.2	17.1	1.0	2.5	0.2
0.5	0.3	24.6	0.3	5.6	0.4
-	-	1.4	-	0.8	0.3
0.1	-	2.1	-	0.6	0.2
-	-	2.3	0.1	0.7	0.2
0.1	-	2.5	-	1.4	0.3
2.5	0.7	33.6	1.3	8.5	2.5
2.6	1.0	34.3	1.6	7.0	2.3
2.2	2.2	44.1	1.9	8.7	2.3
4.1	1.0	62.2	2.7	18.4	3.4
4.2	5.0	44.0	1.9	19.4	5.1
7.3	8.1	38.6	3.0	22.6	6.1
11.5	3.3	55.2	3.5	28.9	8.1
11.0	9.4	73.5	4.3	41.6	11.0
1.7	0.9	22.2	0.9	9.4	2.2
3.3	0.9	18.9	1.6	8.8	2.0
5.3	0.7	28.5	1.9	12.7	3.5
4.7	6.2	34.2	2.1	17.2	4.2
1.1	3.4	13.3	0.6	4.4	1.3
1.3	4.8	12.2	0.7	6.5	1.9
1.5	1.0	14.2	0.8	8.4	2.1
2.3	2.4	22.6	1.6	10.7	2.8

TABLE 2 Capital expenditure, 1974-1977
All United Kingdom establishments classified to mining, manufacturing, construction, gas, electricity and water (a)(b)

Standard Industrial Classification Orders or minimum list heading (c)	Industry	Year	Total net	
			(d)	New building work
			£ million	£ million
ORDER XVII Timber, furniture, etc. (continued)				
473	Bedding, etc.	1974	3.0	0.8
		1975	3.7	0.7
		1976	3.4	0.6
		1977	4.8	0.5
474	Shop and office fitting	1974	4.1	1.1
		1975	5.5	1.2
		1976	10.9	1.6
		1977	14.9	2.0
475	Wooden containers and baskets	1974	3.3	0.4
		1975	3.6	0.5
		1976	4.1	0.6
		1977	5.6	0.7
479	Miscellaneous wood and cork manufactures	1974	5.3	0.6
		1975	2.4	0.6
		1976	5.0	0.4
		1977	8.4	1.7
ORDER XVIII Paper, printing and publishing				
		1974	184.6	34.1
		1975	195.9	29.9
		1976R	214.3	29.0
		1977	294.1	26.4
481	Paper and board	1974	40.0	5.0
		1975	44.4	5.1
		1976	36.3	3.0
		1977	53.5	5.1
482 (1)	Cardboard boxes, cartons and fibre-board packing cases	1974	21.2	3.3
		1975	21.0	2.6
		1976	25.7	1.9
		1977	33.0	2.9
482 (2)	Packaging products of paper and associated materials	1974	11.2	2.0
		1975	9.8	1.0
		1976	11.8	0.9
		1977	18.7	1.5
483	Manufactured stationery	1974	13.1	2.8
		1975	13.9	2.3
		1976	16.4	1.9
		1977	17.3	1.6
484 (1)	Wallcoverings	1974	3.3	0.5
		1975	2.9	0.4
		1976R	3.3	0.4
		1977	4.8	0.5
484 (2)	Miscellaneous manufactures of paper and board	1974	7.9	0.9
		1975	11.0	1.2
		1976	11.8	1.1
		1977	17.6	3.0

Land and existing buildings		Plant and machinery		Vehicles	
Acquisitions	Disposals	Acquisitions	Disposals	Acquisitions	Disposals
£ million		£ million		£ million	
0.3	0.1	1.6	0.1	0.9	0.3
0.4	0.1	1.9	0.3	1.6	0.5
0.7	0.7	2.0	0.4	1.7	0.6
0.3	0.2	2.3	0.1	2.8	0.9
0.1	0.2	1.6	0.1	2.2	0.7
1.3	0.1	1.3	—	2.9	1.0
2.9	0.5	5.3	0.2	3.0	1.0
1.8	0.5	7.0	0.2	6.7	1.9
0.5	0.3	1.8	0.1	1.3	0.3
0.8	0.3	1.6	0.2	1.6	0.4
0.2	0.1	2.2	0.1	1.8	0.5
1.9	—	2.0	0.2	1.8	0.6
0.5	0.1	3.5	0.1	1.2	0.3
0.2	1.9	2.7	0.2	1.2	0.3
0.9	0.3	3.0	0.1	1.3	0.4
0.1	0.1	5.3	0.2	2.3	0.6
6.8	17.2	151.0	8.5	25.6	7.4
9.7	13.6	161.6	8.0	23.6	7.7
6.5	8.9	181.0	15.7	33.6	11.3
15.2	9.2	248.4	19.0	46.7	14.3
1.1	4.1	37.8	1.5	2.1	0.4
0.8	0.6	38.2	0.7	1.9	0.4
0.3	1.7	34.3	1.1	2.0	0.7
0.6	1.0	47.9	1.1	2.7	0.6
0.5	1.8	17.9	0.7	2.7	0.8
0.6	0.1	16.9	0.7	2.3	0.6
0.9	0.4	22.5	1.1	2.9	0.9
1.8	0.5	27.2	1.7	4.5	1.2
0.3	0.4	8.7	0.2	1.1	0.3
0.3	0.4	8.3	0.1	0.9	0.3
0.1	0.1	10.3	0.1	1.1	0.4
1.2	0.2	15.7	0.6	1.5	0.4
0.1	0.5	9.3	0.6	2.8	0.8
0.6	0.2	10.1	0.5	2.4	0.8
0.4	0.1	13.4	1.2	3.0	1.1
0.2	1.1	14.8	1.2	4.4	1.4
—	0.2	3.0	—	0.1	—
0.2	—	2.3	—	0.1	0.1
0.1	—	2.9	0.1	0.2	0.1
1.4	—	2.8	0.1	0.3	0.1
0.3	0.4	6.7	0.2	0.8	0.2
0.8	0.2	9.0	0.6	1.2	0.4
0.2	0.1	9.7	0.2	1.5	0.4
0.2	0.1	13.7	0.2	1.4	0.4

TABLE 2 Capital expenditure, 1974-1977
All United Kingdom establishments classified to mining, manufacturing, construction, gas, electricity and water (a) (b)

Standard Industrial Classification Orders or minimum list heading (c)	Industry	Year	Total net (d)		New building work	
			£ million	£ million	£ million	£ million
ORDER XVIII Paper, printing and publishing (continued)						
485, 486	Printing, publishing of newspapers and periodicals	1974	28.8	7.8		
		1975	35.1	8.1		
		1976	37.4	6.4		
		1977	45.5	4.1		
489	General printing and publishing	1974	59.1	11.8		
		1975	57.8	9.2		
		1976	71.6	13.4		
		1977	103.9	7.6		
ORDER XIX Other manufacturing industries						
491	Rubber	1974	39.4	6.3		
		1975	31.9	3.1		
		1976	40.3	3.3		
		1977	71.5	6.0		
492	Linoleum, plastics floor-covering, leather-cloth, etc.	1974	8.0	1.3		
		1975	6.6	0.7		
		1976R	3.4	0.8		
		1977	20.0	6.1		
493	Brushes and brooms	1974	1.9	0.2		
		1975	2.1	0.3		
		1976R	2.6	0.2		
		1977	3.4	0.4		
494 (1)(2)	Toys, games and children's carriages	1974	8.5	1.8		
		1975	8.5	1.7		
		1976	14.4	1.4		
		1977	21.5	4.2		
494 (3)	Sports equipment	1974	2.5	0.6		
		1975	3.0	0.8		
		1976	3.2	0.2		
		1977	5.4	0.9		
495	Miscellaneous stationers' goods	1974	4.1	1.0		
		1975	4.4	1.3		
		1976	4.5	0.5		
		1977	5.7	0.5		
496	Plastics products	1974	60.0	9.3		
		1975	51.9	7.0		
		1976	68.0	8.1		
		1977	95.8	10.9		
499 (1)	Musical instruments	1974	1.5	0.7		
		1975	1.1	0.3		
		1976	0.7	0.1		
		1977	1.2	-		

Land and existing buildings		Plant and machinery		Vehicles	
Acquisitions	Disposals	Acquisitions	Disposals	Acquisitions	Disposals
£ million	£ million	£ million	£ million	£ million	£ million
1.4	7.0	24.5	1.9	5.6	1.6
2.8	6.6	29.2	2.4	5.4	1.6
0.7	1.5	31.2	5.5	8.3	2.3
3.7	3.5	36.5	4.2	12.1	3.2
3.1	2.8	43.1	3.4	10.4	3.3
3.6	5.5	47.6	3.0	9.4	3.5
3.8	5.0	56.7	6.4	14.6	5.4
6.4	2.8	89.8	10.0	19.8	7.0
3.8	1.3	100.9	3.8	12.1	4.0
6.1	1.9	88.5	4.9	13.3	4.2
8.0	6.7	118.7	8.0	18.3	5.4
11.7	4.9	180.4	6.7	26.7	7.5
1.2	0.2	31.0	1.0	3.1	0.9
0.9	0.4	27.5	1.6	3.3	0.9
1.2	2.1	35.6	1.1	4.4	0.9
3.8	1.4	59.7	1.7	6.8	1.7
0.1	-	6.4	0.1	0.6	0.2
0.3	0.2	5.6	0.1	0.5	0.2
0.1	0.9	5.6	2.6	0.5	0.2
0.1	-	13.3	0.2	1.0	0.3
0.1	0.1	1.5	-	0.4	0.2
-	-	1.6	0.2	0.6	0.2
0.2	0.1	2.2	0.2	0.7	0.3
-	0.1	2.9	0.2	0.7	0.3
0.3	0.1	6.2	0.3	0.8	0.3
0.3	0.2	6.1	0.1	0.9	0.3
0.4	0.1	11.6	0.2	1.8	0.5
1.7	0.2	14.4	0.3	2.3	0.6
0.1	-	1.5	-	0.4	0.1
-	-	1.9	-	0.4	0.1
0.1	-	2.6	-	0.5	0.2
0.6	0.2	3.5	-	0.9	0.3
-	-	2.8	0.2	0.8	0.3
0.2	0.1	2.8	0.2	0.6	0.2
0.4	0.1	3.2	0.2	0.9	0.4
0.2	0.1	4.7	0.2	1.1	0.4
1.5	0.7	48.5	2.1	5.2	1.7
4.2	1.0	40.2	2.6	6.0	2.0
5.0	3.1	55.4	3.4	8.5	2.6
4.6	2.4	78.2	3.8	11.6	3.3
0.2	0.1	0.6	-	0.2	0.1
0.1	-	0.6	-	0.2	-
-	-	0.5	0.1	0.1	-
0.1	-	0.7	-	0.4	-

TABLE 2 Capital expenditure, 1974-1977
All United Kingdom establishments classified to mining, manufacturing, construction, gas, electricity and water (a)(b)

Standard Industrial Classification Orders or minimum list heading (c)	Industry	Year	Total net (d)		New building work	
			£ million	£ million	£ million	£ million
ORDER XIX Other manufacturing industries (continued)						
499 (2)	Miscellaneous manufacturing industries	1974	3.8	0.8		
		1975	3.7	1.0		
		1976	3.7	1.1		
		1977	5.5	1.1		
ORDER XX Construction						
500	Construction	1974	350.5	45.9		
		1975R	430.3	70.4		
		1976R	462.4	59.6		
		1977	502.2	54.6		
ORDER XXI Gas, electricity and water						
601	Gas	1974	287.6	9.0		
		1975	370.0	3.0		
		1976	236.0	10.4		
		1977	190.3	6.2		
602	Electricity	1974	629.2	125.9		
		1975	827.8	188.6		
		1976	949.2	229.4		
		1977	835.4	183.8		
603	Water supply	1974	126.0	112.5		
		1975	161.4	132.3		
		1976	233.8	189.6		
		1977	226.0	186.0		
Energy industries (e)						
101	Coal mining	1974	157.0	18.8		
		1975	273.3	41.9		
		1976	340.1	62.9		
		1977	323.5	90.6		
104	Petroleum and natural gas	1974	716.4	585.4		
		1975	1,467.1	1,135.1		
		1976	..	..
		1977	..	..
262	Mineral oil refining	1974	43.3	1.5		
		1975	72.3	2.4		
		1976	73.3	3.0		
		1977	73.4	5.9		
263	Lubricating oils and greases	1974	5.0	0.6		
		1975	5.7	1.3		
		1976	8.1	3.1		
		1977	11.1	4.3		

Land and existing buildings		Plant and machinery		Vehicles	
Acquisitions	Disposals	Acquisitions	Disposals	Acquisitions	Disposals
£ million	£ million	£ million	£ million	£ million	£ million
0.3	0.1	2.4	0.1	0.6	0.2
0.1	—	2.2	0.1	0.8	0.3
0.6	0.3	2.0	0.2	0.9	0.3
0.7	0.6	3.1	0.2	1.8	0.5
17.9	13.1	241.7	54.8	151.1	38.3
30.8	22.2	292.4	70.3	176.6	47.4
42.5	16.6	324.5	82.0	191.7	57.4
29.3	15.4	331.0	81.1	258.3	74.4
10.6	9.2	782.2	7.1	20.5	1.8
21.4	11.1	1,010.4	5.0	22.1	2.4
10.2	10.3	984.2	8.6	17.0	2.9
9.0	8.6	867.1	8.6	21.2	4.5
1.1	2.1	278.8	3.6	4.8	0.4
11.0	3.5	355.0	1.1	6.0	0.5
—	3.8	230.1	1.2	1.5	0.9
1.6	3.4	185.2	1.8	4.6	2.0
7.5	5.5	492.8	3.4	12.9	1.1
4.6	5.3	633.1	3.8	12.3	1.6
5.4	3.6	714.4	7.2	12.2	1.4
4.3	3.9	647.2	6.5	12.2	1.7
2.0	1.6	10.6	0.1	2.8	0.3
5.8	2.3	22.3	0.1	3.8	0.3
4.8	2.9	39.7	0.2	3.3	0.6
3.1	1.3	34.7	0.3	4.4	0.8
10.0	7.8	960.3	8.9	19.4	2.0
17.6	9.4	1,292.8	7.2	20.7	2.5
7.8	7.6	1,295.0	10.7	16.4	2.9
9.4	14.0	1,142.6	10.7	20.3	4.4
0.9	0.2	138.6	1.3	0.2	0.1
1.6	0.1	230.1	0.8	0.7	—
1.7	0.1	276.5	1.4	0.6	0.1
2.8	—	231.9	2.2	0.5	—
—	—	131.0	—	—	—
—	—	304.0	—	28.0	—
..
..
0.1	—	46.7	0.5	0.5	0.1
—	0.1	70.8	1.5	0.7	—
0.2	0.1	70.0	0.8	1.1	0.1
0.2	6.6	73.1	0.2	1.1	0.2
0.4	—	3.4	0.1	0.9	0.3
0.4	0.4	3.8	—	1.0	0.4
0.5	—	4.0	0.1	1.0	0.4
0.5	0.1	5.2	—	1.9	0.5

TABLE 2 Capital expenditure, 1974-1977
All United Kingdom establishments classified to mining, manufacturing, construction, gas, electricity and water (a)(b)

Standard Industrial Classification Orders or minimum list heading (c)	Industry	Year	Total net (d)		New building work
			£ million	£ million	
Energy industries (continued)					
601	Gas	1974	287.6	9.0	
		1975	370.0	3.0	
		1976	236.0	10.4	
		1977	190.3	6.2	
602	Electricity	1974	629.2	125.9	
		1975	827.8	188.6	
		1976	949.2	229.4	
		1977	835.4	183.8	

- (a) Including estimates for establishments not making satisfactory returns, non-response, and establishments employing less than 20 persons.
- (b) Capital expenditure in respect of manufacturing establishments where production had not commenced before the end of the year, is included.
- (c) References to Orders are to those in the Standard Industrial Classification (revised 1968). Industry code numbers indicate the minimum list heading (MLH) and, if appropriate, a sub-division of a minimum list heading. For industries covering two or more sub-divisions, the sub-divisions are given in brackets.

Land and existing buildings		Plant and machinery		Vehicles	
Acquisitions	Disposals	Acquisitions	Disposals	Acquisitions	Disposals
£ million	£ million	£ million	£ million	£ million	£ million
1.1	2.1	278.8	3.6	4.8	0.4
11.0	3.5	355.0	1.1	6.0	0.5
-	3.8	230.1	1.2	1.5	0.9
1.6	3.4	185.2	1.8	4.6	2.0
7.5	5.5	492.8	3.4	12.9	1.1
4.6	5.3	633.1	3.8	12.3	1.6
5.4	3.6	714.4	7.2	12.2	1.4
4.3	3.9	647.2	6.5	12.2	1.7

- (d) New building work plus acquisitions less disposals of land and existing buildings, vehicles and plant and machinery.
- (e) Excluding MLH104 - Petroleum and natural gas.

TABLE 3 Summary of revisions to Provisional Results, 1973-1975
By Industry and Order: based on absolute percentages (a)

	Average 1973-1975					
	Mean revision		50 per cent of the revisions were below		80 per cent of the revisions were below	
	Industry	Order	Industry	Order	Industry	Order
Gross output	6.4	4.1	5.0	3.7	9.4	6.0
Cost of purchases	9.7	6.2	6.1	5.4	12.8	9.3
Net output						
Total	7.6	4.0	5.0	3.0	11.3	6.2
Per head	5.8	3.4	3.3	2.2	8.5	4.6
Employment (b)						
Total	4.3	1.9	3.0	1.4	7.1	2.6
Operatives	5.2	2.2	3.6	1.9	8.1	3.7
Others (c)	6.2	3.0	4.7	2.2	9.7	4.8
Wages and salaries						
Operatives	5.6	2.4	4.3	2.0	8.4	3.4
Others (c)	7.2	4.2	5.4	3.6	10.7	6.6

(a) Revisions between the compilation of provisional and final results may be attributed to a number of factors: higher response at the later stage; longer preparation time for final results allowing more rigorous credibility checking of aggregates and returns; better estimation methods which are possible for final results.

An indication of the size of revisions is given in this table which is based on a comparison of provisional and final results of the censuses for 1973-1975. For each of the headings the percentage revision (disregarding the sign) between the provisional and final 1973 results was calculated for each industry and the mean revision obtained. The mean revision for each of the nine headings was similarly obtained for 1974 and 1975. The arithmetical averages of the mean revisions for the three years are given in the tables. The 50 per cent and 80 per cent limits for each heading for each of the three years were similarly averaged. The same procedure was used for the Orders to obtain the corresponding statistics at SIC Order level.

(b) Average number employed (full and part-time) during the year (including working proprietors).

(c) Administrative, technical and clerical employees.

TABLE 4 Summary of revisions to Provisional Results, 1973-1975
By Industry and Order: based on absolute percentages (a)

	Average 1973-1975					
	Mean revision		50 per cent of the revisions were below		80 per cent of the revisions were below	
	Industry	Order	Industry	Order	Industry	Order
Gross output	6.4	4.1	5.0	3.7	9.4	6.0
Cost of purchases	9.7	6.2	6.1	5.4	12.8	9.3
Net output						
Total	7.6	4.0	5.0	3.0	11.3	6.2
Per head	5.8	3.4	3.3	2.2	8.5	4.6
Employment (b)						
Total	4.3	1.9	3.0	1.4	7.1	2.6
Operatives	5.2	2.2	3.6	1.9	8.1	3.7
Others (c)	6.2	3.0	4.7	2.2	9.7	4.8
Wages and salaries						
Operatives	5.6	2.4	4.3	2.0	8.4	3.4
Others (c)	7.2	4.2	5.4	3.6	10.7	6.6

TABLE 4 Operating ratios, 1977
Manufacturing and construction industries

Standard Industrial Classification minimum list heading	Industry	Gross output per head	Net output per head	Gross value added per head	Gross value added as a percentage of gross output
		£	£	£	%
211	Grain milling	50,719	12,918	9,671	19.1
212	Bread and flour confectionery	9,406	3,860	3,473	36.9
213	Biscuits	15,802	6,704	6,165	39.0
214	Bacon curing, meat and fish products	21,173	5,861	4,704	22.2
215	Milk and milk products	45,706	10,867	9,471	20.7
216	Sugar	62,321	20,076	16,588	26.6
217	Cocoa, chocolate and sugar confectionery	18,557	7,503	6,289	33.9
218	Fruit and vegetable products	22,494	7,891	6,447	28.7
219	Animal and poultry foods	76,300	11,417	9,498	12.4
221	Vegetable and animal oils and fats	120,276	13,092	10,098	8.4
229 (1)	Margarine	67,205	12,932	10,681	15.9
229 (2)	Starch and miscellaneous foods	42,624	10,709	9,145	21.5
231	Brewing and malting	43,550	12,245	11,055	25.4
232	Soft drinks	27,996	11,226	9,995	35.7
239 (1)	Spirit distilling and compounding	54,460	18,395	15,411	28.3
239 (2)	British wines, cider and perry	31,964	7,727	3,797	11.9
240	Tobacco	97,389	11,505	10,535	10.8
261	Coke ovens and manufactured fuel	39,304	9,078	7,669	19.5
262	Mineral oil refining	372,890	34,532	30,625	8.2
263	Lubricating oils and greases	53,736	14,597	12,323	22.9
271 (1)	Inorganic chemicals	36,388	13,210	11,133	30.6
271 (2)	Organic chemicals	65,892	16,623	13,652	20.7
271 (3)	Miscellaneous chemicals	33,413	13,391	11,974	35.8
272	Pharmaceutical chemicals and preparations	25,048	13,595	11,406	45.5
273	Toilet preparations	20,475	10,992	7,724	37.7
274	Paint	22,892	8,042	5,955	26.0
275	Soap and detergents	42,806	14,612	10,578	24.7
276	Synthetic resins and plastics materials and synthetic rubber	33,718	10,752	9,087	26.9
277	Dyestuffs and pigments	30,789	14,681	13,526	43.9
278	Fertilizers	52,153	23,546	20,930	40.1
279 (1)	Polishes	26,229	10,125	6,459	24.6
279 (2)	Formulated adhesives, gelatine, etc.	27,328	10,234	7,522	27.5

Ratio of gross output to stocks	Wages and salaries as a percentage of gross value added	Ratio of operatives to ATC	Wages and salaries per ATC	Wages and salaries per operative	Net capital expenditure per head	Net capital expenditure as a percentage of gross value added
			£	£	£	%
9.358	37.6	2.7	4,115	3,539	1,546	16.0
27.901	69.0	7.2	2,870	2,346	265	7.6
12.453	37.0	6.4	2,738	2,211	499	8.1
10.152	56.4	4.3	3,500	2,480	619	13.2
12.435	36.6	4.8	3,252	3,545	1,005	10.6
13.772	24.3	2.7	4,943	3,688	2,741	16.5
6.896	41.2	3.8	3,828	2,287	926	14.7
4.666	43.3	3.7	3,656	2,574	777	12.1
16.730	36.4	1.6	3,759	3,372	1,620	17.1
8.616	36.1	2.6	4,000	3,565	1,494	14.8
21.953	33.6	3.0	4,091	3,424	886	8.3
5.414	32.2	3.7	3,733	2,755	1,215	13.3
10.954	33.3	2.0	3,818	3,615	2,177	19.7
8.398	28.9	3.3	3,422	2,769	953	9.5
1.829	20.8	3.1	4,016	2,959	1,249	8.1
3.044	74.6	1.6	3,095	2,677	1,164	30.6
10.000	35.4	3.5	4,826	3,413	621	5.9
2.374	50.6	5.0	4,294	3,800	814	10.6
7.013	15.7	2.3	5,604	4,450	4,243	13.9
6.605	31.2	1.0	4,057	3,750	1,542	12.5
6.846	40.4	1.8	5,041	4,222	2,219	19.9
8.672	34.7	1.6	5,517	4,289	6,244	45.7
3.441	34.3	1.2	4,615	3,717	2,289	19.1
3.827	31.4	1.0	4,174	3,018	1,377	12.1
4.193	37.8	1.3	3,745	2,316	614	8.0
5.012	58.2	1.1	3,785	3,220	551	9.3
7.972	31.5	1.8	3,898	3,092	965	9.1
6.952	47.8	1.7	4,928	4,027	1,618	17.8
3.105	32.7	1.9	5,127	4,038	3,265	24.1
8.657	20.4	1.8	4,486	4,184	2,056	9.8
6.804	50.6	0.8	3,769	2,810	896	13.9
5.190	50.3	1.2	3,897	3,794	938	12.5

TABLE 4 Operating ratios, 1977
Manufacturing and construction industries

Standard Industrial Classification minimum list heading	Industry	Gross output per head	Net output per head	Gross value added per head	Gross value added as a percentage of gross output	Ratio of gross output to stocks	Wages and salaries as a percentage of gross value added	Ratio of operatives to ATC	Wages and salaries per ATC	Wages and salaries per operative	Net capital expenditure per head	Net capital expenditure as a percentage of gross value added
		£	£	£	%		%		£	£	£	%
279 (3)	Explosives and fireworks	16,861	7,747	7,193	42.2	3.028	47.9	3.3	4,467	3,094	598	8.4
279 (4)	Formulated pesticides, etc.	87,159	34,546	31,393	36.0	6,341	12.0	0.7	4,346	2,944	2,296	7.3
279 (5)	Printing ink	20,739	8,696	7,340	35.4	5,774	54.7	1.1	4,048	4,167	783	10.7
279 (6)	Surgical bandages, etc.	14,540	7,661	6,490	44.6	4,960	41.7	2.4	3,541	2,356	427	6.6
279 (7)	Photographic chemical materials	24,342	7,737	6,452	26.5	4,592	67.3	1.3	4,478	4,235	1,151	17.8
311	Iron and steel (general)	21,922	5,963	4,900	22.4	4,310	82.0	2.8	4,351	3,908	1,785	36.4
312	Steel tubes	16,874	6,485	5,615	33.3	3,520	67.6	2.7	4,074	3,708	932	16.6
313	Iron castings, etc.	11,203	5,589	4,948	44.2	7,206	70.9	4.1	3,810	3,474	518	10.5
321	Aluminium and aluminium alloys	28,366	8,678	7,794	27.5	5,691	48.2	3.0	4,264	3,620	744	9.5
322	Copper, brass and other copper alloys	21,426	6,073	5,438	25.4	5,048	63.4	2.8	4,085	3,258	431	7.9
323	Miscellaneous base metals	53,099	9,375	8,516	16.0	3,683	42.0	2.3	4,018	3,444	1,615	19.0
331	Agricultural machinery (except tractors)	16,273	6,908	6,071	37.3	3,133	52.9	2.3	3,732	3,080	605	10.0
332	Metal-working machine tools	12,528	6,551	5,742	45.8	2,745	60.8	1.7	3,835	3,344	464	8.1
333 (1)	Pumps	13,845	6,926	6,071	43.8	2,837	57.6	1.0	3,739	3,292	410	6.8
333 (2)	Valves	13,288	7,161	6,396	48.1	3,064	53.1	1.6	3,835	3,125	611	9.5
333 (3)	Compressors and fluid power equipment	14,330	6,887	5,968	41.6	2,753	57.8	1.6	3,786	3,263	464	7.8
334	Industrial engines	19,248	8,530	7,778	40.4	2,905	45.9	1.6	3,709	3,485	926	11.9
335	Textile machinery and accessories	11,843	5,907	5,073	42.8	3,002	64.7	2.3	3,889	3,053	320	6.3
336	Construction and earth-moving equipment	26,119	9,152	7,895	30.2	3,130	47.1	1.9	4,076	3,542	964	12.2
337	Mechanical handling equipment	15,359	7,224	6,318	41.1	2,555	53.6	1.7	3,618	3,293	418	6.6
338	Office machinery	14,027	5,911	4,652	33.2	1,945	78.5	1.6	3,954	3,460	527	11.3
339 (1)	Mining machinery	18,971	7,519	6,704	35.3	3,853	53.3	1.8	3,919	3,404	444	6.6
339 (2)	Printing, bookbinding and paper goods machinery	13,617	7,196	6,191	45.5	3,008	54.1	1.7	3,718	3,178	397	6.4
339 (3)	Refrigerating machinery, space-heating, ventilating and air-conditioning equipment	14,625	7,054	6,145	42.0	4,255	55.7	2.0	3,702	3,359	594	9.7
339 (5)	Scales and weighing machinery and portable power tools	12,780	7,023	5,985	46.8	3,407	54.3	2.1	3,581	3,090	614	10.3
339 (7)	Food and drink processing machinery and packaging and bottling machinery	13,528	6,857	6,040	44.6	3,457	58.8	1.5	3,893	3,356	532	8.8
339 (9)	Miscellaneous (non-electrical) machinery	12,821	6,583	5,649	44.1	2,598	60.1	1.7	3,787	3,230	403	7.1
341	Industrial (including process) plant and steelwork	17,852	8,239	7,102	39.8	2,864	57.3	1.5	4,219	4,035	475	6.7
342	Ordnance and small arms	16,730	6,680	6,380	38.1	1,906	56.7	2.7	4,093	3,438	765	12.0

TABLE 4 Operating ratios, 1977
Manufacturing and construction industries

Standard Industrial Classification minimum list heading	Industry	Gross output per head	Net output per head	Gross value added per head	Gross value added as a percentage of gross output
		£	£	£	%
349 (1)	Ball, roller, plain and other bearings	11,104	5,783	5,230	47.1
349 (2)	Precision chains and other mechanical engineering	10,175	5,806	4,968	48.8
351	Photographic and document copying equipment	16,538	4,807	3,856	23.3
352	Watches and clocks	9,133	4,516	4,037	44.2
353	Surgical instruments and appliances	9,873	5,446	4,768	48.3
354	Scientific and industrial instruments and systems	10,689	6,277	5,491	51.4
361	Electrical machinery	13,937	6,742	6,193	44.4
362	Insulated wires and cables	21,931	7,695	6,667	30.4
363	Telegraph and telephone apparatus and equipment	9,032	5,756	5,235	58.0
364	Radio and electronic components	10,918	5,763	5,206	47.7
365 (1)	Gramophone records and tape recordings	20,451	11,183	8,244	40.3
365 (2)	Broadcast receiving and sound reproducing equipment	16,287	5,034	4,067	25.0
366	Electronic computers	38,928	13,636	11,760	30.2
367	Radio, radar and electronic capital goods	12,989	7,233	6,428	49.5
368	Electrical appliances primarily for domestic use	14,286	5,167	4,210	29.5
369 (1)	Electrical equipment for motor vehicles, cycles and aircraft	10,284	5,577	4,959	48.2
369 (2)	Primary and secondary batteries	16,283	8,305	7,631	46.9
369 (4)	Electric lamps, electric light fittings, wiring accessories, etc.	10,956	5,452	4,971	45.4
370	Shipbuilding and marine engineering	10,559	5,213	4,878	46.2
380	Wheeled tractor manufacturing	30,569	9,663	8,862	29.0
381 (1)	Motor vehicle manufacturing	17,253	7,060	6,358	36.8
381 (2)	Trailers, caravans and freight containers	22,292	7,262	6,527	29.3
382	Motor cycle, tricycle and pedal cycle manufacturing	9,269	4,662	4,165	45.0
383	Aerospace equipment manufacturing and repairing	12,420	6,058	5,388	43.4
384	Locomotives, railway track equipment, railway carriages, wagons and trams	8,653	4,233	3,978	46.0
390	Engineers' small tools and gauges	8,997	5,775	5,196	57.8

Ratio of gross output to stocks	Wages and salaries as a percentage of gross value added	Ratio of operatives to ATC	Wages and salaries per ATC	Wages and salaries per operative	Net capital expenditure per head	Net capital expenditure as a percentage of gross value added
	%		£	£	£	%
2.984	65.5	2.7	3,871	3,262	598	11.4
3.973	62.6	2.9	3,728	3,056	515	10.4
2.543	105.8	1.5	4,703	3,746	1,161	30.1
3.423	73.7	2.8	3,697	2,755	203	5.0
3.348	57.6	2.4	3,432	2,564	349	7.3
2.963	58.5	1.3	3,800	2,811	376	6.8
2.586	54.5	1.6	3,776	3,158	359	5.8
4.861	53.9	2.1	3,803	3,490	626	9.4
3.100	62.5	1.8	3,889	2,934	455	8.7
5.452	53.8	2.4	3,900	2,373	534	10.2
10.923	40.5	2.7	3,421	3,308	592	7.2
3.568	68.4	2.2	3,483	2,474	233	5.7
3.418	39.8	0.5	5,216	3,628	1,379	11.7
2.561	55.6	0.9	3,962	3,186	433	6.7
4.641	72.6	2.5	3,695	2,816	497	11.8
4.641	54.0	3.7	3,761	2,387	250	5.0
5.189	43.0	2.7	3,706	3,125	882	11.6
5.289	52.2	3.6	3,653	2,348	474	9.5
1.083	75.6	3.2	4,300	3,515	371	7.6
4.919	45.8	3.3	4,974	3,772	663	7.5
4.022	59.3	3.6	4,569	3,562	682	10.7
5.020	53.0	3.6	3,857	3,375	554	8.5
3.082	63.8	3.2	3,645	2,378	169	4.1
1.747	69.5	1.0	4,049	3,461	289	5.4
1.928	86.4	4.6	4,107	3,292	264	6.6
3.476	61.1	3.0	3,820	3,063	405	7.8

TABLE 4 Operating ratios, 1977
Manufacturing and construction industries

Standard Industrial Classification minimum list heading	Industry	Gross output per head	Net output per head	Gross value added per head	Gross value added as a percentage of gross output
		£	£	£	%
391	Hand tools and implements	10,319	5,843	5,083	49.2
392	Cutlery, spoons, forks and plated tableware, etc.	11,681	6,064	4,793	41.0
393	Bolts, nuts, screws, rivets, etc.	11,722	5,870	5,123	43.7
394	Wire and wire manufactures	21,757	6,608	5,657	26.0
395	Cans and metal boxes	19,477	6,527	5,781	29.7
396	Jewellery and precious metals	39,599	9,259	7,398	18.7
399 (1)	Metal furniture	13,131	5,831	5,023	38.2
399 (5)	Drop forgings, etc.	14,571	6,183	5,616	38.5
399 (6)	Metal hollow-ware	16,375	6,958	6,017	36.8
399 (8)	Miscellaneous metal manufacture	12,068	5,827	5,015	41.6
411	Production of man-made fibres	20,790	6,964	5,292	25.5
412	Spinning and doubling on the cotton and flax systems	11,237	4,016	3,659	32.6
413	Weaving of cotton, linen and man-made fibres	15,514	4,572	4,070	26.2
414	Woollen and worsted	15,224	5,105	4,639	30.5
415	Jute	11,843	4,652	4,178	35.3
416	Rope, twine and net	13,831	5,092	4,188	30.3
417 (1)	Hosiery and other knitted goods	9,226	4,061	3,682	39.9
417 (2)	Warp knitting	14,576	4,515	3,532	24.2
418	Lace	9,829	4,390	4,005	40.7
419	Carpets	17,191	6,621	5,625	32.7
421	Narrow fabrics	9,844	4,497	3,944	40.1
422 (1)	Household textiles and handkerchiefs	11,612	4,480	3,897	33.5
422 (2)	Canvas goods and sacks and other made-up textiles	12,165	4,124	3,362	27.6
423	Textile finishing	8,807	4,725	4,252	48.3
429 (1)	Asbestos	12,862	6,511	5,932	46.1
429 (2)	Miscellaneous textile industries	16,483	7,450	5,816	35.3
431	Leather (tanning and dressing) and fellmongery	22,780	6,159	5,406	23.7
432	Leather goods	8,442	3,696	3,036	36.0
433	Fur	10,500	5,093	4,532	43.2
441	Weatherproof outerwear	7,251	3,372	3,067	42.3
442	Men's and boys' tailored outerwear	5,775	2,901	2,610	45.2

Ratio of gross output to stocks	Wages and salaries as a percentage of gross value added	Ratio of operatives to ATC	Wages and salaries per ATC	Wages and salaries per operative	Net capital expenditure per head	Net capital expenditure as a percentage of gross value added
	%		£	£	£	%
3.442	53.8	3.1	3,114	2,693	303	6.0
4.553	56.4	3.3	3,938	2,383	518	10.8
3.935	59.8	3.0	3,640	2,895	281	5.5
6.213	60.5	3.2	4,000	3,283	593	10.5
6.330	59.0	4.1	4,370	3,179	661	11.4
3.321	45.1	1.8	3,894	3,306	604	8.2
4.632	58.2	2.9	3,326	2,830	383	7.6
4.558	65.7	4.1	3,678	3,710	429	7.6
5.947	54.0	4.0	4,000	3,136	375	6.2
4.804	57.9	3.1	3,594	2,791	403	8.0
5.152	79.6	3.7	5,742	3,797	644	12.2
5.278	68.9	6.6	3,288	2,408	187	5.1
4.014	64.1	5.8	3,477	2,472	312	7.7
4.291	56.7	5.6	3,534	2,493	437	9.4
4.314	64.5	5.4	3,714	2,507	517	12.4
4.048	57.0	5.4	3,000	2,315	215	5.1
4.434	61.4	4.5	3,039	2,103	235	6.4
3.806	85.6	3.7	3,464	2,904	742	21.0
5.222	58.5	4.0	3,125	2,125	244	6.1
5.049	60.5	3.3	3,931	3,250	323	5.7
4.523	59.4	4.1	3,185	2,179	362	9.2
3.598	54.9	4.8	3,135	1,989	219	5.6
4.418	62.9	3.7	3,350	1,890	206	6.1
8.644	66.5	3.8	3,318	2,733	454	10.7
4.424	58.7	1.9	3,656	3,395	367	6.2
7.095	57.3	2.7	4,063	3,140	817	14.0
4.386	56.0	4.2	4,000	2,815	456	8.4
4.857	63.3	4.8	3,300	1,717	138	4.5
3.050	56.3	6.0	4,143	2,595	167	3.7
4.451	61.3	6.8	2,885	1,764	198	6.5
4.109	75.2	6.4	3,019	1,823	119	4.6

TABLE 4 Operating ratios, 1977
Manufacturing and construction industries

Standard Industrial Classification minimum list heading	Industry	Gross output per head	Net output per head	Gross value added per head	Gross value added as a percentage of gross output	Ratio of Gross output to stocks	Wages and salaries as a percentage of gross value added	Ratio of operatives to ATC	Wages and salaries per ATC	Wages and salaries per operative	Net capital expenditure per head	Net capital expenditure as a percentage of gross value added
		£	£	£	%		%		£	£	£	%
443	Women's and girls' tailored outerwear	8,123	3,868	3,651	45.0	5.907	55.7	6.8	3,153	1,920	138	3.8
444	Overalls and men's shirts, underwear, etc.	7,410	3,165	2,815	38.0	4.235	67.2	6.1	3,179	1,700	155	5.5
445	Dresses, lingerie, infants' wear, etc.	7,672	3,400	3,185	41.5	6.034	56.4	6.1	3,083	1,636	105	3.3
446	Hats, caps and millinery	7,100	3,500	3,064	43.2	4.847	62.0	5.3	3,222	1,771	150	4.9
449 (1)	Corsets and miscellaneous dress industries	7,816	3,989	3,372	43.1	4.127	58.7	5.3	3,386	1,755	142	4.2
449 (2)	Gloves	10,216	4,294	3,706	36.3	3.677	52.9	5.3	3,375	1,738	314	8.5
450	Footwear	9,718	4,598	4,073	41.9	5.698	63.6	5.0	3,549	2,415	106	2.6
461 (1)	Refractory goods	18,606	10,732	9,470	50.9	3.546	37.2	2.6	3,743	3,435	984	10.4
461 (2)	Building bricks and non-refractory goods	11,394	7,634	6,314	55.4	5.899	57.4	5.1	3,950	3,581	890	14.1
462	Pottery	7,322	4,973	4,486	61.3	4.826	61.4	5.2	3,454	2,632	387	8.6
463	Glass	14,912	8,610	7,638	51.2	6.928	49.4	2.7	4,483	3,549	920	12.0
464	Cement	27,811	15,237	10,619	38.2	5.477	37.2	2.8	4,513	3,743	2,284	21.5
469 (1)	Abrasives	16,517	7,714	6,730	40.7	4.517	54.9	1.6	4,353	3,357	418	6.2
469 (2)	Miscellaneous building materials and mineral products	20,144	9,179	7,186	35.7	7.572	48.5	2.5	3,839	3,448	1,094	15.2
471	Timber	20,766	7,553	6,416	30.9	4.011	47.6	2.7	3,695	2,950	612	9.5
472	Furniture and upholstery	12,570	6,053	5,018	39.9	6.177	63.3	3.8	3,710	3,147	367	7.3
473	Bedding, etc.	13,040	4,980	3,825	29.3	6.828	69.9	3.0	3,408	2,497	242	6.3
474	Shop and office fitting	12,467	6,319	5,555	44.6	4.952	64.5	2.8	3,803	3,696	470	8.5
475	Wooden containers and baskets	11,490	4,830	3,959	34.5	5.235	69.9	3.7	3,800	2,616	381	9.6
479	Miscellaneous wood and cork manufactures	13,099	5,259	4,421	33.7	4.695	58.5	4.1	3,564	2,589	396	9.0
481	Paper and board	24,242	7,913	6,717	27.7	6.198	55.0	3.5	3,984	3,615	968	14.4
482 (1)	Cardboard boxes, cartons and fibre-board packing cases	16,955	6,989	6,056	35.7	7.855	55.4	3.4	3,872	3,229	531	8.8
482 (2)	Packaging products of paper and associated materials	20,290	7,478	6,451	31.8	7.447	51.2	3.2	3,963	3,134	820	12.7
483	Manufactured stationery	12,504	6,315	5,465	43.7	6.390	55.6	2.1	3,609	2,808	403	7.4
484 (1)	Wallcoverings	18,769	8,077	6,537	34.8	4.427	50.4	2.8	3,824	3,104	738	11.3
484 (2)	Miscellaneous manufactures of paper and board	20,265	9,094	6,865	33.9	6.105	47.9	2.7	4,046	3,051	718	10.5
485	Printing, publishing of newspapers and periodicals	14,324	8,731	7,281	50.8	23.616	57.7	1.0	3,908	4,539	322	4.4
489	General printing and publishing	13,081	7,174	5,991	45.8	5.113	55.2	2.1	3,761	3,286	519	8.7
491	Rubber	13,934	6,484	5,596	40.2	5.508	60.0	2.5	3,750	3,210	593	10.6

TABLE 4 Operating ratios, 1977
Manufacturing and construction industries

Standard Industrial Classification minimum list heading	Industry	Gross output per head	Net output per head	Gross value added per head	Gross value added as a percentage of gross output
		£	£	£	%
492	Linoleum, plastics floor-covering, leathercloth, etc.	17,933	7,161	5,856	32.7
493	Brushes and brooms	9,733	5,133	4,352	44.7
494 (1)	Toys, games and children's carriages	11,045	6,263	4,951	44.8
494 (3)	Sports equipment	10,569	5,592	4,775	45.2
495	Miscellaneous stationers' goods	16,596	8,535	7,025	42.4
496	Plastics products	14,193	6,588	5,578	39.3
499 (1)	Musical instruments	9,462	5,212	4,651	49.2
499 (2)	Miscellaneous manufacturing industries	9,497	5,032	4,232	44.6
500	Construction	12,312	5,587	4,844	39.3

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