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BOARD OF TRADE



THE REPORT ON THE CENSUS OF PRODUCTION FOR 1958

Part 28
CHEMICALS (GENERAL)

*Presented by the Board of Trade to Parliament in pursuance of the
Statistics of Trade Act, 1947 (10 & 11 Geo.6 Ch.39, Sec.7)*

LONDON: HER MAJESTY'S STATIONERY OFFICE
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THREE SHILLINGS NET

NOTES

These notes give only the main information which is needed for interpreting the census figures. Fuller explanations are given in a separate booklet of Introductory Notes (Part 1 of the Report on the Census of Production for 1958).

CHANGES IN THE 1958 CENSUS

Some changes were introduced in the 1958 census, which affect the comparability between 1954 and 1958 figures.

Returns in full detail were required only from firms employing 25 or more persons, instead of, as previously, from firms employing 11 or more persons.

The coverage of firms' returns for 1958 was in many cases rather wider than for 1954. In both years the census was based on the establishment, comprising in most cases the whole of the premises under the same ownership or management at a particular address (e.g. a factory or mine); but offices, warehouses, laboratories, etc. at addresses separate from the works were treated as part of the establishment. For 1958, but not for 1954, firms were asked to include also, in all sections of their returns, particulars relating to merchanting or factoring, canteens operated by them, and other ancillary activities, such as bottling, packing, and the manufacture of containers for packing their own products, whether or not these activities were carried on at the same address as the works, unless

they were conducted by a separate company, or by a separate department with a separate set of accounts; building and engineering maintenance departments were treated similarly. Selling and transport departments were treated in this way both for 1954 and 1958. While the effect of including these further ancillary activities was generally to produce higher figures for employment etc., the reporting of separate figures for merchant goods led to the exclusion of some firms who proved to be merchants with only minor productive activities.

Changes made for 1958 in the instructions governing the making of returns for two or more establishments operated by the same firm permitted combined returns to be made more freely than in previous censuses. Combined returns were accepted covering establishments in the same census industry, and situated in the same country (i.e. England, Scotland or Wales).

The 1954 figures have been re-tabulated to correspond as closely as possible to those for 1958, but because of the changes described above the correspondence is not always exact.

TERMS USED IN THE CENSUS REPORTS

CAPITAL EXPENDITURE

The expenditure on new building work shown excludes the cost of land and existing buildings purchased; for plant, machinery and vehicles both new and second-hand items are included. The value is that charged to capital account during the year, including any transport and installation cost involved. Capital expenditure in respect of establishments in Great Britain where production had not started before the end of the year is included in Table 1.

CHARACTERISTIC PRODUCTS (See the description of the method of classification before List of Tables)

EMPLOYMENT

(i) Working proprietors

These include all persons regarded as 'self-employed' for National Insurance purposes, and members of their families who worked in the business without receiving fixed wages or salaries; but persons working less than half the normal hours are excluded.

(ii) Employees

Employees are classified under the two main headings of (a) administrative, technical and clerical employees and (b) operatives. The figures relate to persons on the pay-roll (i.e. whose National Insurance cards were held by employers), whether full-time or part-time employees. The figures for 1958 include, but those for 1954 exclude, persons engaged in merchanting or factoring, and canteen workers.

Administrative, technical and clerical employees include managers, superintendents, and works foremen; research, experimental, development, technical and design employees (other than operatives); draughtsmen and tracers; travellers; and office (including works office) employees.

Operatives include all other classes of employees, that is, broadly speaking, all manual wage earners. They include those employed in and about the factory or works; operatives employed in power houses, transport work, stores, warehouses and, for 1958, canteens; inspectors, viewers and similar workers; maintenance workers; and cleaners. Operatives engaged in outside work of erection, fitting etc. are also included, but outworkers (i.e. persons employed by the firm who worked on materials

supplied by the firm in their own homes, etc.) are excluded.

(iii) Total employment

This is the sum of the average number of employees and the number of working proprietors; outworkers are excluded.

ENTERPRISE

The term enterprise is used in this report to mean one or more firms under common ownership or control as defined in the Companies Act, 1948. An enterprise normally consists either of a single firm, or of a holding company together with its subsidiary companies.

ENTRIES

The number of entries shown in Tables 4, 5 and 7 is the number of returns on which figures against a particular output or production heading were recorded. The number of entries is less than the corresponding number of establishments to the extent that combined returns were made covering more than one of the establishments concerned.

ESTABLISHMENT

In most cases an establishment comprises the whole of the premises under the same ownership or management at a particular address (e.g. a factory or mine). Offices, warehouses, laboratories and other ancillary places of business at a separate address from the works were treated as part of the establishment.

INTERMEDIATE PRODUCTS

For some industries figures are given showing the total quantities made during the year of important intermediate products, i.e. products which may be further processed in the establishments in which they are produced, whether or not they are also sometimes sold. They include also goods produced from materials supplied by other firms.

MATERIALS AND FUEL

The totals shown include the cost of all purchases of materials and components for use in production, and of fuel (including oil, gas and electricity) for all purposes including heating, lighting and transport (where carried out by firms' own staff included in the return); all packing

materials, including the full cost of returnable cases and containers when first purchased; workshop materials; office materials; water charges; materials for repairs to firms' own buildings, plant and vehicles when carried out by their own work-people included in the return; consumable tools; and parts for machinery purchased during the year as replacements. Purchases of goods for merchanting or factoring, and canteen supplies, are included for 1958 but not for 1954. Materials supplied by customers for processing are excluded for both years.

The values shown include any duty paid (less rebate, etc.) but exclude trade discounts allowed. The cost of transport was included only if included in the cost of materials as invoiced; amounts paid to transport organisations, including firms' own separate transport organisations, for delivery of materials and fuel are therefore excluded. Materials purchased overseas were entered at their c.i.f. cost plus any duty if the cost of transport from the docks was not included in the invoiced price, and at their full delivered cost if invoiced 'carriage paid home'.

NET OUTPUT

The net output of an industry represents the value added to materials by the process of production and includes for 1958 the gross margin on any merchanted or factored goods sold; it constitutes the fund from which wages, salaries, rents, rates and taxes, advertising and other selling expenses, and all other similar charges have to be met, as well as depreciation and profits. There is no appreciable duplication in net output.

Net output was normally obtained by taking the total value of sales and work done (including, for 1958, the value of merchanted goods sold and canteen takings); adding the value of stocks at the end of the year and deducting their value at the beginning of the year; and deducting also the cost of materials and fuel purchased (including, for 1958, the value of goods purchased for merchanting and canteen supplies), payments for work given out to other firms, and payments for transport. The net amount of duty paid was deducted, and the net amount of subsidy received added.

NET OUTPUT PER PERSON EMPLOYED

The figures for net output per person employed are derived by dividing net output by total employment (see above).

PRINCIPAL PRODUCTS (See the description of the method of classification before List of Tables)

SALES

Sales include goods made by the business covered by the return, those made for it by outworkers or by other firms from materials given out to them (sometimes described as goods made on commission), and waste products sold. Any machinery or other capital items produced for use in the business covered by the return are also included, the value being that adopted in the firm's capital account for income tax purposes. Goods sold without being subjected to any manufacturing process (merchanted or factored) and canteen takings are included for 1958 but not for 1954; where the total sales of merchanted or factored goods were less than £5,000, firms were permitted to include them with the figures for sales of goods of their own production.

The value shown for sales is the net selling

SYMBOLS USED

The following symbols are used throughout the reports:

- .. for not available
- for nil or negligible (less than half the final digit shown)

value, defined as the amount charged to customers whether on an ex-works or delivered basis, net of any trade discounts, agents' commissions, allowances for returnable cases, purchase tax, etc.; the net amount charged for packing materials is included. Goods charged on a delivered basis to customers overseas, are included at the f.o.b. value. For work done on commission or for the trade, the value shown is the net amount charged. With a few exceptions, receipts for business and other services are not included.

To the extent that the finished products of one establishment constitute the materials purchased by another, total figures of the value of sales (and of materials and fuel purchased) include an element of duplication.

STOCKS AND WORK IN PROGRESS

The values shown are the income tax values of stocks of products on hand for sale, and of materials and fuel, at the beginning and end of the year of return. For 1958, but not for 1954, they include any stocks of goods held for merchanting or factoring. The value of work in progress at the two dates is also usually shown. This excludes any progress payments made to subcontractors, and no deduction is made on account of progress payments received.

TRANSPORT PAYMENTS

These represent the total amount paid or credited during the year for both outwards transport of finished goods sold and inwards transport of materials and fuel purchased. They include payments to other firms, and to any separate transport organisation of the same firm, not covered by the return, but exclude the value of transport services provided by the business covered by the return. The items included are payments for hired cartage and for inwards and outwards carriage by all forms of inland transport, that is railways, road haulage, canals, coast-wise shipping, air, etc. Payments made for sea freight on goods sold to customers overseas and on materials and fuel purchased from overseas suppliers are excluded.

WAGES AND SALARIES

These are the amounts paid during the year to operatives and to administrative, technical and clerical employees. Payments to working proprietors, whether called salaries or not, are excluded. The values shown include all overtime payments, bonuses and commissions, whether paid regularly or not, and no deduction is made for income tax, insurances, contributory pensions, etc. The value of any payments in kind, travelling expenses, lodging allowances, etc. is excluded.

Figures are also shown for average salaries etc. paid per head for the week ended 25th October, 1958. For staff paid monthly, the figures are based on payments made in October, 1958. Where payments related to periods other than a week or month, an appropriate proportion was returned. Only those bonuses and commissions actually paid in the period are included.

WORK GIVEN OUT

The figures shown represent the total amount paid for work done by other firms on materials supplied to them, and also by firms' own establishments for which separate returns were made. They do not include payments to individual outworkers or payments for business and other services.

ROUNDING OF FIGURES

The figures in the tables have, where necessary, been rounded to the nearest final digit. There may, therefore, be apparent slight discrepancies between the sums of the constituent items and the totals shown.

The Report on the Census of Production for 1958

Part 28. CHEMICALS (GENERAL)

This report on the Chemicals (General) Industry relates to establishments engaged in the manufacture of organic chemicals, including those from petroleum and molasses but excluding those from coal tar; inorganic chemicals; industrial gases; pigments; fine chemicals (including galenicals) for pharmaceutical, veterinary and other uses; chemical materials for and the products of atomic fission or fusion; and all other chemicals not reported on elsewhere. The industry corresponds to part of minimum list heading 271(3) of the second (1958) edition of the Standard Industrial Classification, which has been used for the first time in the 1958 Census.

This industry corresponds to Industry 2E (Chemicals (General)) and to part of Industry 2F (Drugs and Pharmaceutical Preparations) in the reports on the last detailed Census of Production, for 1954. Particulars relating to pharmaceutical chemicals and the distilling of industrial alcohol, formerly included in Industries 2F and 9J (Spirit Distilling) respectively, are now included in this industry.

For 1958, returns in full detail were required only from firms employing twenty-five or more persons and most of the tables in this report relate only to these larger firms. This is an important change from previous censuses when returns in full detail were required from firms employing eleven or more persons on productive work. Estimates for the industry as a whole are given in Table 1.

The figures given for 1954 correspond as far as possible to those collected for 1958 but the correspondence is not exact; in particular, comparisons are affected because information was collected for 1958 in greater detail than for 1954. Some other changes introduced in the 1958 Census also affect the comparability between 1954 and 1958 figures; these are explained in the notes prefacing this report.

METHOD OF CLASSIFICATION

This industry is defined in terms of its 'principal products' which are those shown in Table 4. A census return was classified to this industry if the sales of the principal products of this industry accounted for a greater proportion of its output than the principal products of any other industry. Where, however, the application of this rule would have resulted in a change of classification between 1954 (on the revised basis) and 1958, the return was classified to the same industry as for 1954 unless the output of principal products in the new industry was one third more than in the old; this modification of the general rule was designed to avoid discontinuities as the result of marginal changes of output between the two censuses. Sales of merchanted products and of non-specific items such as waste products, work done and canteen takings were not taken into account in classifying returns.

Sales of ammonium sulphate, which is produced by some firms otherwise engaged in this industry and also by firms in the Coke Ovens and Manufactured Fuel Industry (Part 22), the Fertilizers and Chemicals for Pest Control Industry (Part 26) and the Gas Industry (Part 129), were not taken into account in deciding to which of the four industries the returns should be classified, unless they accounted for more than 85 per cent. of total sales, in which case the return was classified to the Fertilizers and Chemicals for Pest Control Industry. Sales of ammoniacal liquor which, in addition to this industry, is also produced by firms in the Coke Ovens and Manufactured Fuel and Coal Tar Products Industries were treated in the same way; but where they accounted for more than 85 per cent. of total sales the return was classified to this industry.

A procedure similar to that described above for classifying to the industry was followed in classifying to the sub-divisions of the industry shown in Table 2, the sub-divisions being defined in terms of their 'characteristic products'. The numbers shown in the left hand column of Table 4 identify the sub-division of which the item is a characteristic product. The total value of sales of characteristic products shown in Table 2 includes, besides the products which define the sub-divisions, other items of output assumed to be closely related to them, e.g. waste products and non-specific work done, but such items were not generally taken into account in determining the classification to sub-divisions.

Table No.	Title	Page
1	Industry summary: United Kingdom. Estimates for all firms	28/3
2	Analysis by sub-divisions of the industry	28/4
3	Analysis by size of enterprise within the industry, 1958	28/6
4	Sales of principal products of the industry by larger firms, including sales by establishments classified to other industries	28/7
5	Sales of principal products of the industry by establishments classified to other industries	28/16
6	Sales of other than principal products by larger firms in the industry	28/18
7	Total make of intermediate products, 1958	28/19
8	Employment and salaries, etc. for the week ended October 25, 1958	28/20

Industry summary: United Kingdom

TABLE 1 Estimates for all firms (a)

	Unit	1954	1958	
Number of enterprises	No.	..	582	
Number of establishments	"	..	794	
Sales	{ goods produced and work done	£'000	371,509	520,708
	{ merchanted goods and canteen takings	"	..	42,627
Purchases of materials and fuel (b) (c)	"	205,173	296,806	
Products on hand for sale (b)	{ change during year	"	+ 1,970	+ 314
	{ at end of year	"	18,185	31,610
Work in progress	{ change during year	"	+ 1,564	- 386
	{ at end of year	"	6,563	9,158
Stocks of materials and fuel (b)	{ change during year	"	+ 3,567	- 519
	{ at end of year	"	33,621	44,527
Payments for work done on materials given out	"	525	595	
Payments for transport	"	14,938	18,325	
Net output	"	157,975	247,018	
Average number employed (d)	{ operatives	Th.	75.9	87.9
	{ other employees	"	34.4	43.8
	{ total, including working proprietors	"	110.4	131.9
Wages and salaries	{ of operatives	£'000	39,971	55,448
	{ of other employees	"	24,869	38,713
Capital expenditure (e)				
New building work	"	12,186	19,896	
Plant and machinery	{ acquisitions	"	38,328	80,929
	{ disposals	"	484	532
Vehicles	{ acquisitions	"	1,219	2,109
	{ disposals	"	448	441

(a) For 1958, estimates in respect of returns from small firms and unsatisfactory returns accounted for about 3 per cent. of the total figures in which they were incorporated. A summary of the detailed returns received is given in Table 2.

(b) Purchases of goods for merchenting and canteen supplies are included for 1958 but excluded for 1954.

(c) Including Customs and Excise duty payable in respect of ethyl alcohol sold less Customs and Excise rebates and drawbacks in respect of any materials on which duty was paid.

(d) Persons engaged in merchenting or factoring and canteen workers are included for 1958 but excluded for 1954.

(e) Including expenditure in Great Britain for establishments not yet in production.

Analysis by sub-divisions

TABLE 2

Firms employing 25 or more

	Unit	Sub-divisions of the industry (b)					
		Pigments		Pharmaceutical chemicals			
		03		05			
		1954	1958	1954	1958		
Number of enterprises (c)	No.	24	21	17	22		
Number of establishments	"	37	32	22	30		
Sales	£'000	goods produced and work done		20,253	27,342	19,949	31,299
		merchanted goods and canteen takings		..	225	..	1,304
Sales of characteristic products	"	18,933	25,013	14,100	19,919		
Purchases of materials and fuel (d) (e)	"	12,431	15,585	9,479	15,312		
Products on hand for sale (d)	"	change during year		+ 69	+ 229	+ 234	+ 180
		at end of year		1,288	2,232	1,355	2,224
Work in progress	"	change during year		- 6	- 101	+ 311	+ 161
		at end of year		275	704	1,972	2,698
Stocks of materials and fuel (d)	"	change during year		+ 705	- 190	+ 49	+ 76
		at end of year		2,969	4,836	1,560	2,514
Payments for work done on materials given out	"	9	6	61	167		
Payments for transport	"	578	850	232	288		
Net output	"	8,002	11,064	10,771	17,255		
Average number employed (g)	No.	operatives		3,846	4,487	5,429	6,680
		other employees		1,480	1,814	2,949	4,180
		total, including working proprietors		5,326	6,301	8,378	10,860
Net output per person employed	£	1,502	1,756	1,286	1,589		
Wages and salaries	£'000	of operatives		1,918	2,797	2,193	3,473
		of other employees		1,083	1,685	1,956	3,693
Wages and salaries per head	£	operatives		499	623	404	520
		other employees		732	929	663	884
Capital expenditure (h)							
New building work	£'000	296	584	160	1,032		
Plant and machinery	"	acquisitions		1,340	2,697	415	2,020
		disposals		29	5	16	13
Vehicles	"	acquisitions		36	39	72	115
		disposals		8	7	22	57

of the industry

persons: United Kingdom (a)

	Total	Sub-divisions of the industry (b)				Total		
		Other chemicals						
		01, 02, 04 and 06					1954	1958
		Total	Total	Inorganic chemicals	Organic chemicals	Compressed gases, Miscellaneous chemicals		
		01	02	04 and 06				
	1954	1958				1954	1958	
	203	181	60	33	96	234	219	
	376	361	129	51	181	435	423	
	319,455	445,454	162,972	141,613	140,869	359,656	504,096	
	..	39,738	8,228	10,038	21,472	..	41,267	
			117,281	93,570				
	176,717 (f)	256,439 (f)	93,070	90,404 (f)	72,965	198,627 (f)	287,336 (f)	
	+ 1,604	- 106	- 208	+ 221	- 118	+ 1,907	+ 304	
	14,962	26,146	8,856	10,227	7,062	17,605	30,601	
	+ 1,210	- 435	- 309	+ 12	- 138	+ 1,514	- 374	
	4,107	5,463	1,625	2,227	1,611	6,354	8,866	
	+ 2,699	- 388	- 1,636	+ 718	+ 529	+ 3,453	- 502	
	28,019	35,757	14,988	11,053	9,716	32,548	43,106	
	438	403	11	67	324	508	576	
	13,651	16,602	11,290	3,497	1,814	14,461	17,740	
	134,161	210,819	64,676	58,633	87,511	152,935	239,137	
	64,265	74,016	30,745	17,276	25,995	73,540	85,183	
	28,873	36,470	11,772	7,985	16,713	33,302	42,464	
	93,143	110,480	42,520	25,261	42,709	106,847	127,651	
	1,440	1,908	1,521	2,321	2,049	1,431	1,873	
	32,685	47,460	19,081	11,613	16,766	36,795	53,730	
	21,061	32,136	10,691	7,118	14,327	24,099	37,514	
	509	641	621	672	645	500	631	
	729	881	908	891	857	724	883	
	10,551	16,661	2,826	3,647	10,187	11,006	18,276	
	32,306	70,078	10,746	26,373	32,959	34,062	74,794	
	424	497	146	98	253	469	515	
	1,058	1,845	457	446	942	1,166	1,999	
	404	362	97	72	193	434	427	

For footnotes to the table, see next page

Analysis by size of enterprise within the industry, 1958

TABLE 3 Firms employing 25 or more persons: United Kingdom

Average number employed by the enterprise in this industry (a)	Enterprises	Establishments	Total sales (b)	Net output	Employees		Wages and salaries		Capital expenditure (c)	Net output per person employed (a)
					Operatives	Others	Operatives	Others		
25 - 49	52	54	8,974	2,791	1,326	642	755	570	282	1,415
50 - 99	60	80	18,288	7,288	2,669	1,523	1,494	1,297	525	1,739
100 - 199	42	56	28,738	9,830	4,124	2,123	2,304	1,672	1,262	1,574
200 - 299	16	23	26,305	8,456	2,298	1,545	1,408	1,170	4,563	2,200
300 - 399	9	15	15,774	6,113	2,251	890	1,420	761	700	1,946
400 - 499	7	11	13,817	4,167	2,304	907	1,352	759	892	1,298
500 - 749	10	23	26,040	9,292	4,237	1,975	2,456	1,499	1,105	1,496
750 - 999	4	10	22,614	9,029	2,352	1,182	1,630	989	2,051	2,555
1,000 - 1,499	5	15	24,977	7,801	4,360	2,087	2,525	1,745	1,190	1,210
1,500 - 1,999	3	4	27,789	12,367	3,255	2,056	2,193	1,634	12,833	2,328
2,000 and over	11	132	332,046	162,005	56,007	27,534	36,194	25,419	69,667	1,963
Total	219	423	545,362	239,137	85,183	42,464	53,730	37,514	95,069	1,873

(a) Including working proprietors.

(b) Value of sales of goods (including merchant goods), work done, and canteen takings.

(c) Capital expenditure on new building work and on acquisition of plant, machinery and vehicles. Excluding expenditure for establishments not yet in production.

Footnotes to Table 2

(a) The following information relates to small firms (employing fewer than 25 persons) in this industry:

	1958
Number of returns	360
Average number of persons employed including working proprietors	
Males	2,863
Females	918

(b) The method of classifying returns to sub-divisions of the industry is explained at the beginning of this report; the characteristic products of each sub-division are identified in Table 4.

(c) The sum of the figures for the sub-divisions exceeds the total for the industry to the extent that enterprises made returns for more than one sub-division.

(d) Goods for merchandising and canteen supplies are included for 1958 but excluded for 1954.

(e) Less Customs and Excise rebates and drawbacks in respect of any materials on which duty was paid. The rebates and drawbacks receivable for alcohol amounted to £1,225,000 in 1954 and £1,148,000 in 1958.

(f) Including Customs and Excise duty payable in respect of ethyl alcohol sold.

(g) Persons engaged in merchandising or factoring and canteen workers are included for 1958 but excluded for 1954.

(h) Excluding expenditure at establishments not yet in production.

Sales of principal products of the industry by larger firms, including sales by establishments classified to other industries

TABLE 4 Firms employing 25 or more persons: United Kingdom

Industry sub-division (a)	1954		1958		Enterprises	Entries
	Quantity	Value	Quantity	Value		
01	Th. tons	£'000	Th. tons	£'000	Number	Number
INORGANIC CHEMICALS (b)						
Acids						
Hydrochloric (as at 1.14 specific gravity)	247	2,328	202	2,066	18	19
Sulphuric (in terms of 100 per cent. acid) (c)	1,252	12,966	1,242	13,217	40	56
Hydrofluoric, solutions and anhydrous, in terms of anhydrous	..	6,139	3.8	527	7	7
Other inorganic acids, including nitric and phosphoric	..	..	..	6,618	19	26
Aluminium compounds (other than bauxite and abrasives)						
Aluminium oxide						
Anhydrous	85.0	2,391				
Hydrated	16.9	502	..	8,019	17	21
..	..	141				
Other inorganic aluminium compounds, including alums (sodium, potassium and ammonium)	..	3,385				
Ammonia						
Liquor (in terms of 100 per cent. ammonia) (c)	82.2	2,346	81	2,960	13	31
..	..	372	..	488		
Ammonium compounds, excluding phosphates and sulphate	..	2,318	..	2,638	20	23
Arsenic compounds	..	(d)	2.1	142	..	..
Barium compounds						
Blanc fixe			5.1	172	..	..
Other sorts excluding barytes, natural barium carbonate and pigments	21.8	835	26.5	925	10	11
Bleaching materials						
Bleaching powder (chloride of lime)						
Hydrogen peroxide (all strengths, in terms of 100 per cent. hydrogen peroxide)			37.7	4,291	10	11
Hydrosulphites and related compounds, inorganic and organic	139	6,905	..	1,515		
..				
Other inorganic bleaching materials (including percarbonates, perborates, persulphates, sodium peroxide and compounded bleaching agents, etc.)			166	5,885	13	15

TABLE 4 (contd.)

Industry sub-division (a)	1954		1958			
	Quantity	Value	Quantity	Value	Enter-prises	Entries
	Th. tons	£'000	Th. tons	£'000	Number	Number
01	INORGANIC CHEMICALS (b) (contd.)					
	..	(e)	2.5	982	9	9
	Calcium compounds					
	110	3,565	190	6,917	25	28
	96.9	2,636				
	..	(e)	65.6	3,338	..	..
	..	(e)	144	4,605	..	..
	48.7	3,428	32.6	1,950	11	11
	Lead compounds					
	Lead oxides					
(03)	30.2	4,142	28.1	2,736	18	23
	Other inorganic lead compounds, including pigments					
	..	2,146	..	4,322	17	18
	..	1,209	8.6	999	17	19
	..	(e)	0.4	506	..	..
	0.2	2,106 (f)	..	1,053	..	..
	Sodium compounds					
	158	1,023	104	1,180	16	19
	..	37,696	..	40,183	40	47
	32.4	618	73.6	938	9	11
	..	(e)	5.8	242	..	..
	..	336	..	332	11	11
	Other and unclassified inorganic chemicals, including radioactive and isotopically labelled elements and compounds, anhydrous ammonia, refined borax, cobalt compounds, activated Fullers earth, mercury compounds, phosphorous and compounds, (except calcium phosphates) and zinc sulphate					
	..	(g)	..	26,080	48	57
	Total inorganic chemicals, including white lead, dry					
	..	..	..	144,315	..	..

TABLE 4 (contd.)

Industry sub-division (a)	1954		1958			
	Quantity	Value	Quantity	Value	Enter-prises	Entries
	Th. tons	£'000	Th. tons	£'000	Number	Number
02	ORGANIC CHEMICALS (b)					
	Primary products from petroleum and refinery gas					
	Aliphatic hydrocarbons					
	..	(d)	91.2	9,154	..	..
	..	(d)	96.7	3,280	..	..
	Other organic chemicals					
	..	(d)	..	151	..	..
	Other than radioactive					
	Acids					
	21.2	2,528	34.2	4,273	6	6
	..	2,251	1.8	454	..	..
	..	..	..	3,567	19	19
	Alcohols					
	Th. proof gal.	..	Th. proof gal.	..	..	..
	43,803	7,816	47,502	8,471	5	8
	..	(d)	4,613	970	..	..
	Th. tons	..	..	1,105	..	..
	14.7	1,783	14.9	1,528	5	5
	2.8	471	2.4	375	6	6
	..	9,175(i)	..	8,739	9	12
	..	(d)	1.8	164	6	7
	..	(e)	83.2	6,014	7	8
	..	(d)	81.0	5,377	5	5

TABLE 4 (contd.)

Industry sub-division (a)	1954		1958			
	Quantity	Value	Quantity	Value	Enterprises	Entries
	Th. tons	£'000	Th. tons	£'000	Number	Number
02 ORGANIC CHEMICALS (b) (contd.)						
Other organic chemicals (contd.)						
Other than radioactive (contd.)						
Esters, not elsewhere specified	..	(d)	36.8	5,862	18	19
Formaldehyde, and paraformaldehyde in terms of 100 per cent. formaldehyde	..	(e)	39.4	3,045	..	..
Glycols, glycol ethers and their esters	..	(d)	26.2	4,769	9	11
Ketones						
Acetone	43.6	2,947	50.7	3,267	..	..
Other, including iso-butyl methyl and ethyl methyl ketones	..	1,974	..	2,748	5	5
Phenol, synthetic	..	(e)	17.8	2,479	..	..
Phthalic anhydride	11.9	1,923	29.2	3,840	..	..
Surface-active material uncompounded (including sulphonated or sulphated alcohols and oils, quarternary ammonium compounds, etc.)						
Sold for further processing (e.g. compounding or dilution)			28.4	3,083	9	9
Sold for use as wetting, emulsifying agents, etc.	..	1,843(j)	12.7	2,047	12	12
Unclassified			{ 3.4 ..	{ 459 66	{ 5	{ 5
Synthetic rubber (including nitriles and high styrene resins with less than 70 per cent. styrene content)	..	(d)	{ 7.5 ..	{ 1,809 452	{ 13	{ 14
Organic chemicals, not elsewhere specified						
Metallic	..	2,446	..	2,390	30	33
Other, including acetic anhydride, cellulose esters and ethers, hexamine, melamine, methylated spirits, methyl methacrylate monomer, pentaerythritol, siloxanes, styrene monomer, urea, vinyl acetate monomer, and vinyl chloride monomer	..	34,499	..	37,032	38	50
Total organic chemicals		69,655(b)		126,972	..	..

TABLE 4 (contd.)

Industry sub-division (a)	1954		1958			
	Quantity	Value	Quantity	Value	Enterprises	Entries
	Th. tons	£'000	Th. tons	£'000	Number	Number
03 PIGMENTS						
Earth colours, processed or powdered (including ochres and natural iron oxide, but excluding blacks)	24.9	629	19.3	611	7	7
Inorganic pigment colours, pure or reduced, dry and in pulp form						
Iron blues	2.0	520	1.5	441	6	6
Chromium compounds (including mixed pigments, e.g. lead greens and zinc greens)	9.0	2,049	9.7	2,445	11	13
Other, except lead oxides	5.3	996	6.8	1,231	9	10
Iron oxides, synthetic	85.9	1,108	88.3	1,225	13	13
Unclassified inorganic pigment colours and iron oxides, synthetic	..	330	..	316	9	9
Lithopone, dry	44.5	2,447	34.5	2,037	..	..
Synthetic organic pigments, pure or reduced						
Pigment dyestuffs (including toners)	4.4	4,127	4.0	5,438	12	14
Lakes	{ 0.7 ..	{ 353 405	{ 1.0	{ 503	{ 11	{ 12
Unclassified	..	293	..	273	7	7
Titanium dioxide	63.5	8,842	89.3	15,045	..	..
Zinc oxide	31.5	2,757	44.2	2,685	11	15
Total pigments, excluding white lead, dry		24,856		32,250	..	..
04 COMPRESSED GASES NOT ELSEWHERE SPECIFIED (including liquified and solidified)						
Inorganic						
Carbon dioxide	51.4	1,154				
Hydrogen	{ Th. cu. ft. 859	{ 325	{ ..	{ 3,709	{ 9	{ 22
Nitrogen	{ 454 ..	{ 239 49	{ Th. cu. ft. 2,491	{ 790	{ ..	{ ..
Nitrous oxide	Mn. gal. 173	538	Mn. gal. 190	589	..	..
Oxygen	Mn. cu. ft. 5,644	5,488	Mn. cu. ft. 9,102	9,189	..	..
Other compressed gases, inorganic	..	3,177(k)	..	1,626	..	..
Organic						
Acetylene, dissolved	502	3,592	497	4,050	..	..
Other compressed gases, organic	{ Th. tons 241	{ 2,737(l)	{ Th. tons 347 ..	{ 3,984 544	{ ..	{ ..
Total compressed gases		17,300(k)		24,481	..	..

TABLE 4 (contd.)

Industry sub-division (a)	1954		1958			
	Quantity	Value	Quantity	Value	Enter-prises	Entries
	Th.lb.	£'000	Th.lb.	£'000	Number	Number
05 PHARMACEUTICAL CHEMICALS						
Acetylsalicylic acid (aspirin) other than aspirin tablets	..	(e)	7,132	1,427	5	5
Alkaloids						
Morphine, codeine, ethyl morphine and other derivatives of morphine	45.1	1,231	58.8	1,524	7	7
Caffeine and theobromine	642	502	235	239	6	6
Other alkaloids	13.9	292	..	792	14	14
Unclassified	77.1	251				
Antibiotics						
	Th.mega units		Th.mega units			
Penicillin, its salts and derivatives	75,186	4,656	160,789	4,869	..	5
	..	604				
Streptomycin and dihydrostreptomycin (in terms of base)	..	3,113	Th.kg. 82.4	2,831	..	..
Other			10.9	906	9	9
Procaine hydrochloride, benzocaine and like local anaesthetics	Th.lb.	850	Th.lb.	320	..	..
Barbituric acid, its derivatives and their salts	..		643	737	7	7
	Mn.international units		Mn.international units			
Insulin (all forms and solutions)	3,892	1,889	4,253	1,545	5	5
Saccharin, including substances of a like nature or use	..	1,488	..	1,813	..	..
Salicylates, not elsewhere specified	..	(e)	Th.lb. 1,248	220	5	5
Sex hormones and preparations (natural and synthetic) having analogous physiological activity	..	731	..	624	7	7
	Th.lb.					
Sulphonamides, other than tablets	755	862	..	1,988	11	11
	..	1,437				
Vaccines, sera and other serological products	..	1,464	..	3,399	7	8
Vitamins, not including substances containing vitamins	..	2,669	..	5,587	14	15
Other pharmaceutical chemicals, not elsewhere specified	..	7,665	..	7,054	47	53
Unclassified pharmaceutical chemicals	..	2,409				
Total pharmaceutical chemicals		32,113		35,875	..	..

TABLE 4 (contd.)

Industry sub-division (a)	1954		1958			
	Quantity	Value	Quantity	Value	Enter-prises	Entries
	Th.tons	£'000	Th.tons	£'000	Number	Number
06 MISCELLANEOUS CHEMICAL PRODUCTS						
Bituminous products (other than for use as paints)						
Bituminous emulsions	47.3	724	35.3	740	10	11
	..	95				
Other bituminous compounds	35.9	931	42.4	1,367	13	14
	..	170				
Blacks, mineral and carbon						
Furnace black	71.2	5,269	95.1	7,121	..	..
Other, including thermal and lamp black			8.8	480	9	9
Unclassified						
Carbons, decolourising and other activated	..	(e)	4.0	549	..	..
Catalysts prepared for industrial processes	..	(d)	..	2,231	8	10
Ceramic colours, glazes and frits						
Ceramic colours						
For pottery glazes	1.8	593	0.7	659	7	7
For vitreous enamels			0.3	762	8	8
Unclassified						
Ceramic glazes for pottery	12.0	788	8.0	728	9	9
	..	113				
Frits						
For pottery glazes	27.4	2,622(m)	6.4	364	8	8
For vitreous enamels			17.4	1,780	9	9
Ceramic glazes for pottery, and frits, unclassified	-	-	..	531	..	..
Chemicals for laboratory use, other than radioactive or isotopically labelled (i.e. chemicals for analysis, research or educational purposes but not chemicals used for manufacture)	..	2,638	..	2,128	12	12
Factice	1.7	338	1.7	276	..	..
Finings, etc. (excluding isinglass) for the brewing and similar trades	..	160	..	235	..	..
Fire-extinguishing compositions	..	(a)	..	176	..	..
Food and perfume materials						
Flavouring essences and compounds for foods, etc.	..	4,953	..	5,527	42	43
	Th.lb.		Th.lb.			
Essential oils (natural, other than turpentine)	939	1,486	1,185	1,538	15	15
Confectioners' colours and other dyes for foods, etc.	..	298	..	317	18	19
Fluxes	..	(d)	..	1,189	9	12

TABLE 4 (contd.)

Industry sub-division (a)	1954		1958			
	Quantity	Value	Quantity	Value	Enter-prises	Entries
	Th.gal.	£'000	Th.gal.	£'000	Number	Number
06 MISCELLANEOUS CHEMICAL PRODUCTS (contd.)						
Lubricating oil additives	..	(d)	10,230	7,260	8	8
Perfumery chemicals, synthetic	..	1,020(n)	..	474	11	11
Photographic developers and other compounded preparations for photographic purposes	..	857(o)	..	1,437	9	9
Plasticisers, not elsewhere specified						
	Th.tons		Th.tons			
Phthalates	17.9	4,563	22.7	4,339	8	8
Phosphates	10.1	2,358	14.5	3,263	6	6
Other plasticisers	2.1	835	5.6	1,591	15	15
Rosin size	19.8	851	26.9	1,519	5	5
Rubber-processing chemicals						
Rubber accelerators	8.4	2,390	7.9	3,164	5	6
Rubber anti-oxidants	5.4	2,079	4.8	2,745	..	6
Other rubber-processing chemicals	..	(d)	..	1,040	5	6
Surface-active material, compounded, sold for use as wetting and emulsifying agents, etc.	..	(d)	2.1	519	7	7
Tanning agents, synthetic organic	13.6	746	4.8	390	..	..
Textile auxiliaries (e.g. sizes, combing oils, but excluding surface-active material)	..	1,871	..	2,110	14	14
Water treatment compounds (including boiler compositions, etc.)	..	1,106	..	1,829	11	11
Wood distillation products						
Charcoal	7.3	226	5.1	187	5	5
Other wood distillation products, not elsewhere specified	..	121	..	157	..	..
Other chemical products, not elsewhere specified	..	91,892(p)	..	91,802	158	197
WASTE PRODUCTS	..	806	..	1,160	43	57
WORK DONE ON COMMISSION, SUB-CONTRACT WORK, ETC.		1,017		1,222	27	30
Total		379,767		518,802	..	..
Sales in other industries (see Table 5)		56,898		65,270	..	..
Principal products of this industry sold by establishments in the industry		322,869		453,532	219	289(q)

For footnotes to the table, see opposite page

Footnotes to Table 4

- (a) The number given is that of the sub-division of which the item is a characteristic product. The sales shown are total sales by larger firms, not merely sales by establishments classified to the sub-division.
- (b) 1954 sales have been allocated, so far as separately distinguishable, to the appropriate 1958 sub-division. It has not been possible, however, to obtain full comparability between 1954 and 1958 figures. In particular, 1954 figures shown in the sub-division for inorganic chemicals may include some organic chemicals.
- (c) Including sales returned by undertakings classified to the Gas Industry in which particulars were required from all undertakings.
- (d) Not recorded separately.
- (e) Owing to the risk of disclosure of information relating to individual firms, separate particulars cannot be given.
- (f) Silver nitrate only, including some silver nitrate used for photographic purposes.
- (g) Included with 'Other chemical products, not elsewhere specified'.
- (h) Excluding some sales of hydrocarbons by oil refineries.
- (i) Described in 1954 as 'Other alcohols and alcohol ethers'.
- (j) Described in 1954 as 'Sulphonated alcohols' and 'Sulphonated animal and vegetable oils'.
- (k) Including unclassified gases.
- (l) Described in 1954 as 'Petroleum hydrocarbons (butane, isobutane and propane)'.
- (m) Described in 1954 as 'Frits' and 'Vitreous enamels'.
- (n) Including some compound oils.
- (o) Described in 1954 as 'Synthetic organic chemicals for photographic purposes, not elsewhere specified'.
- (p) Including inorganic chemicals not shown separately.
- (q) This figure represents the total number of returns made by larger firms in this industry, which is less than the total number of establishments shown in Table 2 on account of combined returns covering more than one establishment.

Sales of principal products of the industry by establishments
classified to other industries

TABLE 5 Firms employing 25 or more persons: United Kingdom

	1954		1958			
	Quantity	Value	Quantity	Value	Entries	Principal industries in which produced (a)
	Th. tons	£'000	Th. tons	£'000	Number	
Inorganic chemicals						
Acids						
Sulphuric (in terms of 100 per cent. acid)	84.6	750	57.6	559	12	26, 27, 129
Other inorganic acids including hydrochloric and nitric	..	1,417	..	808	7	25, 31, 41
Bleaching materials	0.8	114	14.6	218	..	14, 25, 26
..	..	217	..	28	..	..
Copper sulphate	16.5	1,207	16.1	973	6	41, 74
Aluminium, ammonium, barium, calcium, lead, magnesium, potassium, silver and sodium compounds, ammonia, sulphur and sulphur dioxide	..	6,500	..	6,062	53	32, 34, 41, 74
Other and unclassified inorganic chemicals	..	(b)	..	3,378	9	31, 34, 41
Total inorganic chemicals, including white lead, dry		..		12,026	..	
Organic chemicals						
Synthetic rubber (including nitriles and high styrene resins with less than 70 per cent. styrene content)	..	(c)	..	255	9	25, 26, 53, 121
Other organic chemicals	..	5,324	..	10,617	26	19, 25, 31, 76
Total organic chemicals		5,324		10,872	..	
Pigments						
Inorganic pigment colours, pure or reduced, dry and in pulp form	..	209	..	1,031	11	25, 32, 35
Synthetic organic pigments, pure or reduced	..	2,584	..	3,128	13	25, 32, 41
Other pigments	..	455	..	..	..	..
Total pigments, excluding white lead, dry		3,248		4,160	..	

TABLE 5 (contd.)

	1954		1958			Principal industries in which produced (a)
	Quantity	Value	Quantity	Value	Entries	
	Th. lb.	£'000	Th. lb.	£'000	Number	
Pharmaceutical chemicals						
Alkaloids	451	735	173	679	11	13, 25, 26
Antibiotics	..	1,912	..	1,045	7	29
Insulin (all forms and solutions)	Mn. international units 3,892	1,889	Mn. international units 4,253	1,545	5	29
Vitamins, not including substances containing vitamins	..	1,089	..	1,206	7	15, 29, 33
Vaccines, sera and other serological products	..	325	..	8,238	28	25, 29, 35
Other pharmaceutical chemicals	..	9,725	..	..	..	..
Total pharmaceutical chemicals		15,676		12,931	..	
Miscellaneous chemical products						
Bituminous products (other than for use as paints)	Th. tons 4.0	34	Th. tons 33.3	1,029	10	29, 32, 128
Ceramic colours, glazes and frits	..	1,204	..	1,037	..	41, 74
Food and perfume materials						
Flavouring essences and compounds for foods, etc.	..	1,095	..	1,244	24	14, 17, 20, 29
Essential oils (natural, other than turpentine)	Th. lb. 22.6	24	Th. lb. 28.8	17	6	29
Confectioners' colours and other dyes for foods, etc.	..	24	..	11	6	17
Other chemical products, including some compressed gases	..	19,931(d)	..	21,943	68	25, 29, 34, 74
Total		56,898		65,270	..	

(a) The references given are to the list of industries at the back of this report.

(b) Included with 'Other chemical products'.

(c) Not recorded separately.

(d) Including inorganic chemicals not shown separately in Table 4.

Sales of other than principal products by larger firms in the industry

TABLE 6 Firms employing 25 or more persons: United Kingdom

	1954		1958	
	Quantity	Value £'000	Quantity	Value £'000
Limestone or dolomite, clay, brick-earth, marl and shale, salt, gypsum and other miscellaneous non-metalliferous mining and quarrying products	..	1,238	..	1,316
Miscellaneous food products	..	2,740	..	4,314
Soft drinks and fruit juices	1,340
Synthetic organic dyestuffs and preparations for dyeing	..	1,828	..	3,647
Fertilizers and chemicals for pest control including agricultural insecticides and weed killers, industrial and household insecticides, rodenticides, etc.	..	5,152	..	3,236
Coal tar products	1,969
Drugs and pharmaceutical preparations	..	2,334	..	7,069
Toilet preparations	..	935	..	1,891
Products of the paint and printing ink industry	..	1,338	..	909
Soap, detergents, candles and glycerine	..	2,073	..	4,633
Polishes, and products of the glue, gelatine and allied industries	..	476	..	306
Non-ferrous metals and alloys	..	1,346	..	2,813
Other products	..	17,328	..	17,120
Total value of goods sold without being subjected to any manufacturing process (merchanted or factored)	39,774
Canteen takings	1,492
Total	91,829

Total make of intermediate products, 1958

TABLE 7 Firms employing 25 or more persons: United Kingdom

	Returned in this industry			Returned in all industries		
	Quantity	Enterprises	Entries	Quantity	Enterprises	Entries
	Th. tons	Number	Number	Th. tons	Number	Number
Acids						
Hydrochloric (as at 1.14 specific gravity)	(a)	..	..	220	18	19
Sulphuric (in terms of 100 per cent. acid)	1,669	31	45	(b)	..	..
Chlorine	368	..	..	368	..	..
Acetylsalicylic acid (aspirin) other than aspirin tablets	(a)	..	..	Th.lb. 8,183	5	5
Alkaloids						
Morphine, codeine, ethyl morphine and other derivatives of morphine	(a)	..	..	67.6	7	7
Caffeine and theobromine	(a)	..	..	266	6	6
Other alkaloids	(a)	..	..	141	..	..
Penicillin, its salts and derivatives	(a)	..	..	Th.mega units 215,290	..	..

(a) Owing to the risk of disclosure of information relating to individual firms, separate particulars cannot be given.

(b) Particulars of production in other industries are incomplete.

Employment and salaries, etc. for the week ended October 25, 1958

TABLE 8 Firms employing 25 or more persons: United Kingdom

	Males	Females	Total
	Number	Number	Number
Working proprietors	4	-	4
Operatives	77,309	8,117	85,426
Administrative, technical and clerical employees	28,241	14,684	42,925
Total employees	105,550	22,801	128,351
Average salaries, etc. paid per head for the week to administrative, technical and clerical employees	£ 20.8	£ 8.5	£ 16.6

Part

- 1 Introductory Notes
- 2 Coal Mining
- 3 Stone and Slate Quarrying and Mining
- 4 Chalk, Clay, Sand and Gravel Extraction
- 5 Metalliferous Mining and Quarrying
- 6 Salt and Miscellaneous Non-metalliferous Mining and Quarrying
- 7 Grain Milling
- 8 Bread and Flour Confectionery
- 9 Biscuits
- 10 Bacon Curing, Meat and Fish Products
- 11 Milk Products
- 12 Sugar
- 13 Cocoa, Chocolate and Sugar Confectionery
- 14 Fruit and Vegetable Products
- 15 Animal and Poultry Foods
- 16 Margarine
- 17 Starch and Miscellaneous Food Industries
- 18 Brewing and Malting
- 19 Spirit Distilling and Compounding
- 20 Soft Drinks, British Wines, Cider and Perry
- 21 Tobacco
- 22 Coke Ovens and Manufactured Fuel
- 23 Mineral Oil Refining
- 24 Lubricating Oils and Greases
- 25 Dyestuffs
- 26 Fertilizers, and Chemicals for Pest Control
- 27 Coal-tar Products
- 28 Chemicals (General)
- 29 Pharmaceutical Preparations
- 30 Toilet Preparations
- 31 Explosives and Fireworks
- 32 Paint and Printing Ink
- 33 Vegetable and Animal Oils and Fats
- 34 Soap, Detergents, Candles and Glycerine
- 35 Synthetic Resins and Plastics Materials
- 36 Polishes
- 37 Gelatine, Adhesives, etc.
- 38 Iron and Steel (General)
- 39 Steel Tubes
- 40 Iron Castings, etc.
- 41 Non-ferrous Metals
- 42 Agricultural Machinery (except Tractors)
- 43 Metal-working Machine Tools
- 44 Engineers' Small Tools and Gauges
- 45 Industrial Engines
- 46 Textile Machinery and Accessories
- 47 Contractors' Plant and Quarrying Machinery
- 48 Mechanical Handling Equipment
- 49 Office Machinery
- 50 Miscellaneous (Non-electrical) Machinery
- 51 Industrial Plant and Steelwork
- 52 Ordnance and Small Arms
- 53 General Mechanical Engineering
- 54 Scientific, Surgical and Photographic Instruments, etc.
- 55 Watches and Clocks
- 56 Electrical Machinery
- 57 Insulated Wires and Cables
- 58 Telegraph and Telephone Apparatus
- 59 Radio and Other Electronic Apparatus
- 60 Domestic Electrical Appliances
- 61 Miscellaneous Electrical Goods
- 62 Shipbuilding and Marine Engineering
- 63 Motor Vehicle Manufacturing
- 64 Motor Cycle, Three-wheel Vehicle and Pedal Cycle Manufacturing
- 65 Aircraft Manufacturing and Repairing
- 66 Locomotives and Railway Track Equipment
- 67 Railway Carriages and Wagons and Trams
- 68 Perambulators, Hand-trucks, etc.
- 69 Tools and Implements

Part

- 70 Cutlery
- 71 Bolts, Nuts, Screws, Rivets, etc.
- 72 Wire and Wire Manufactures
- 73 Cans and Metal Boxes
- 74 Jewellery, Plate and Refining of Precious Metals
- 75 Miscellaneous Metal Manufactures
- 76 Production of Man-made Fibres
- 77 Spinning and Doubling of Cotton, Flax and Man-made Fibres
- 78 Weaving of Cotton, Linen and Man-made Fibres
- 79 Woollen and Worsted
- 80 Jute
- 81 Rope, Twine and Net
- 82 Hosiery and Other Knitted Goods
- 83 Lace
- 84 Carpets
- 85 Narrow Fabrics
- 86 Household Textiles and Handkerchiefs
- 87 Canvas Goods and Sacks
- 88 Textile Finishing
- 89 Asbestos
- 90 Miscellaneous Textile Industries
- 91 Textile Converting
- 92 Leather (Tanning and Dressing) and Fellmongery
- 93 Leather Goods
- 94 Fur
- 95 Weatherproof Outerwear
- 96 Men's and Boys' Tailored Outerwear
- 97 Women's and Girls' Tailored Outerwear
- 98 Overalls and Men's Shirts, Underwear, etc.
- 99 Dresses, Lingerie, Infants' Wear, etc.
- 100 Hats, Caps and Millinery
- 101 Corsets and Miscellaneous Dress Industries
- 102 Gloves
- 103 Footwear
- 104 Bricks, Fireclay and Refractory Goods
- 105 Pottery
- 106 Glass
- 107 Cement
- 108 Abrasives
- 109 Miscellaneous Building Materials, etc.
- 110 Timber
- 111 Furniture and Upholstery
- 112 Bedding, etc.
- 113 Shop and Office Fitting
- 114 Wooden Containers and Baskets
- 115 Miscellaneous Wood and Cork Manufactures
- 116 Paper and Board
- 117 Cardboard Boxes, Cartons and Fibre-board Packing Cases
- 118 Miscellaneous Manufactures of Paper and Board
- 119 Printing and Publishing of Newspapers and Periodicals
- 120 General Printing, Publishing, Bookbinding, Engraving, etc.
- 121 Rubber
- 122 Linoleum, Leathercloth, etc.
- 123 Brushes and Brooms
- 124 Toys, Games and Sports Equipment
- 125 Miscellaneous Stationers' Goods
- 126 Plastics Moulding and Fabricating
- 127 Miscellaneous Manufacturing Industries
- 128 Construction
- 129 Gas
- 130 Electricity
- 131 Water Supply
- 132 Index of Products
- 133 Summary Volume
- 134 Summary Volume
- 135 Summary Volume

CENSUS OF PRODUCTION REPORTS FOR OTHER RECENT YEARS

The census reports for earlier years include some items which are not included in the Report on the Census of Production for 1958. The most recent reports are listed below, with an indication of any important items they contain which do not appear in the 1958 Reports. The data in all these earlier reports is analysed in accordance with the original (1948) edition of the Standard Industrial Classification.

Census of Production for 1951: Summary Tables, Part I (H.M.S.O., 1956. Price 6s. net).

No important items which do not appear in the 1958 Reports.

Census of Production for 1951: Summary Tables, Part II (H.M.S.O., 1956. Price 6s. net).

Channels of sales, 1948

Payments for services, 1948

Shift working, 1951

Power equipment, 1951

Prime movers, 1951

Analysis of periods covered by census returns, 1948 and 1951.

The Report on the Censuses of Production for 1952 and 1953. Introductory Notes and 5 volumes. (These volumes are now out of print.)

No important items which do not appear in the 1958 Reports.

The Report on the Census of Production for 1954. Introductory Notes, Index of Products, and 154 booklets relating to individual industries (H.M.S.O., 1956-59. Prices vary, usually from 1s. 6d. to 2s. net for each booklet).

Detailed information about materials and fuel purchased.

Census of Production for 1954: Summary Tables, Part I (H.M.S.O., 1958. Price 9s. net).

Fuel purchased

Gas produced in certain industries

Electricity generated, purchased and sold

Materials purchased: iron and steel; non-

ferrous metals; paint; plastics materials;

cotton and rayon, nylon, etc. textiles; timber;

packing materials; replacement parts for plant

etc. (Information about purchases of other

materials is given in The Report on the Census

of Production for 1954.)

Census of Production for 1954: Summary Tables, Part II (H.M.S.O., 1959. Price 7s. net).

Regional analyses of gross output, net output and capital expenditure.

Census of Production for 1954: Summary Tables, Part III (H.M.S.O., 1959. Price 8s. net).

Sales of particular products by certain industries in Scotland and Wales.

The Report on the Censuses of Production for 1955, 1956 and 1957. Introductory Notes and 5 volumes (H.M.S.O., 1959. Prices 1s. 6d. to 3s. 6d. net according to size of volume).

No important items which do not appear in the 1958 Reports.

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