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BOARD OF TRADE

THE REPORT ON THE CENSUS OF PRODUCTION FOR 1958

Part 75
MISCELLANEOUS METAL MANUFACTURES

*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 merchandising 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 merchandising 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 merchandising 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 75. MISCELLANEOUS METAL MANUFACTURES

This report on the Miscellaneous Metal Manufactures Industry relates to establishments engaged in the manufacture of metal bedsteads, chairs, tables, filing cabinets, lockers, shelves, fenders, fire irons and spring and wire mattresses; metal casements, window frames and door frames; safes and strong rooms, cash and deed boxes and all types of locks and keys except time locks; spiral and flat (including laminated) springs for all purposes; forgings by drop forging, but not including heavy forgings; stampings and pressings; kegs, drums, cisterns (other than of cast iron), etc.; domestic hollow-ware and other domestic articles of base metal but not including hollow-ware fitted with an electric element; fishhooks, metal lamps other than electric, pen nibs, stoves (other than of cast iron) and metal smallwares of all kinds for clothing, fancy leather goods, harness and saddlery, etc., trades such as bag clasps and frames, buckles, hooks and eyes, needles, snap fasteners, zip fasteners, domestic chain, etc.; metallic abrasives; anchors, grapnels and drags, chains, shackles, couplings, crane hooks, horseshoes, ornamental ironwork, etc. The report includes galvanising, japanning, lacquering or enamelling (including vitreous enamelling), tinning, plating or otherwise finishing metal goods; ship breaking; and general sheet metal working in base metals and welding. The production of engineers' non-ferrous stampings and pressings is excluded. The industry corresponds to minimum list heading 399 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 Industries 5E (Hardware, Hollow-ware, Metal Furniture and Sheet Metal), 5F (Brass Manufactures), and 5G (Needles, Pins, Fishhooks and Metal Smallwares) and to part of Industry 5C (Chain, Nail, Screw and Miscellaneous Forgings) in the reports on the last detailed Census of Production, for 1954. Bolts, nuts, screws, rivets, etc., formerly included in Industry 5C, and cans and metal boxes, formerly included in Industry 5E, are now the subject of separate industry reports (Parts 71 and 73). Engineers' castings of brass, formerly reported on in Industry 5F, are now included in the report on Non-ferrous Metals (Part 41). Metallic abrasives, formerly included in Industry 1K (Abrasives) and ship breaking, formerly included in Industry 3H (Scrap Metal Processing) are now included in this industry.

The items excluded from this report are classified and reported on as follows:- Time locks to minimum list heading 352 (Watches and Clocks Report, Part 55); heavy forgings to minimum list heading 311 (Iron and Steel (General) Report, Part 38); hollow-ware fitted with an electric element to minimum list heading 365 (Domestic Electrical Appliances Report, Part 60); cast iron stoves and cisterns to minimum list heading 313 (Iron Castings, etc. Report, Part 40); engineers' non-ferrous stampings and pressings to minimum list heading 322 (Non-ferrous Metals Report, Part 41).

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 closely as possible to those collected for 1958 but the correspondence is not exact, especially in respect of the small firms who gave only limited information. 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.

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 principal products of this industry (including, as well as sales, work done in finishing, etc. metal goods) 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 merchantable products and of non-specific items such as waste products and canteen takings were not taken into account in classifying returns.

A similar procedure 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, but such items were not generally taken into account in determining the classification to sub-divisions.

LIST OF TABLES

Table No.	Title	Page
1	Industry summary: United Kingdom. Estimates for all firms	75/3
2	Analysis by sub-divisions of the industry	75/4
3	Analysis by size of enterprise within the industry, 1958	75/8
4	Sales of principal products of the industry by larger firms, including sales by establishments classified to other industries	75/9
5	Sales of principal products of the industry by establishments classified to other industries	75/17
6	Sales of other than principal products by larger firms in the industry	75/21
7	Total make of intermediate products, 1958	Does not apply
8	Employment and salaries, etc. for the week ended October 25, 1958	75/24

Industry summary: United Kingdom

TABLE 1 Estimates for all firms (a)

	Unit	1954	1958	
Number of enterprises	No.	..	6,776	
Number of establishments	"	..	7,222	
Sales	£'000	463,361	575,142	
				goods produced and work done
	"	..	27,312	
				merchantable goods and canteen takings
Purchases of materials and fuel (b)	"	229,639	306,391	
Products on hand for sale (b)	"	change during year	+ 1,155	+ 2,066
		at end of year	16,272	20,335
Work in progress	"	change during year	+ 2,134	+ 232
		at end of year	19,816	30,287
Stocks of materials and fuel (b)	"	change during year	+ 2,818	- 5,247
		at end of year	47,546	57,946
Payments for work done on materials given out	"	9,315	11,837	
Payments for transport	"	8,229(c)	9,343(c)	
Excise duty on mechanical lighters	"			
Net output	"	222,285	271,937	
Average number employed (d)	Th.	operatives	247.8	239.1
		other employees	50.1	56.9
		total, including working proprietors	299.6	297.5
Wages and salaries	£'000	of operatives	98,797	122,153
		of other employees	29,848	41,565
Capital expenditure (e)				
New building work	"	3,401	4,786	
Plant and machinery	"	acquisitions	8,773	11,807
		disposals	454	607
Vehicles	"	acquisitions	2,193	3,158
		disposals	646	1,226

(a) For 1958, estimates in respect of returns from small firms and unsatisfactory returns accounted for about 16 per cent. of the total figures in which they were incorporated. A summary of the detailed returns received is given in Table 2.

(b) Goods for merchanting and canteen supplies are included for 1958 but excluded for 1954.

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

(d) Persons engaged in merchanting 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
Firms employing 25 or more

TABLE 2

	Unit	Sub-divisions of the industry (b)				
		Metal furniture		Metal windows and door frames		
		10		20		
		1954	1958	1954	1958	
Number of enterprises (c)	No.	123	100	34	35	
Number of establishments	"	142	116	46	44	
Sales	{ goods produced and work done	£'000	26,781	28,578	18,842	25,436
	{ merchanted goods and canteen takings	"	..	994	..	4,304
Sales of characteristic products	"	19,918	22,855	14,137	20,342	
Purchases of materials and fuel (d)	"	13,918	14,457	9,267	14,933	
Products on hand for sale (d)	{ change during year	"	+ 71	-	- 24	+ 66
	{ at end of year	"	921	1,000	659	1,122
Work in progress	{ change during year	"	+ 193	- 47	+ 112	- 66
	{ at end of year	"	1,804	2,007	1,340	1,929
Stocks of materials and fuel (d)	{ change during year	"	+ 478	- 611	- 5	- 237
	{ at end of year	"	3,639	2,757	2,021	3,077
Payments for work done on materials given out	"	294	563	302	277	
Payments for transport	"	562	634	355	451	
Net output	"	12,749	13,261	9,001	13,842	
Average number employed (f)	{ operatives	No.	12,979	9,796	9,164	9,972
	{ other employees	"	3,405	3,330	3,654	4,608
	{ total, including working proprietors	"	16,395	13,130	12,820	14,581
Net output per person employed	£	778	1,010	702	949	
Wages and salaries	{ of operatives	£'000	5,637	5,611	4,330	5,971
	{ of other employees	"	1,890	2,352	1,947	3,085
Wages and salaries per head	{ operatives	£	434	573	472	599
	{ other employees	"	555	706	533	669
Capital expenditure (g)						
New building work	£'000	152	191	131	150	
Plant and machinery	{ acquisitions	"	389	457	283	284
	{ disposals	"	15	30	7	6
Vehicles	{ acquisitions	"	143	180	87	229
	{ disposals	"	47	79	22	77

of the industry

persons: United Kingdom (a)

Sub-divisions of the industry (b)									
Safes, locks, latches and keys		Springs, laminated and other		Steel drop forgings		Stampings and pressings, in the rough and machined, not elsewhere specified		Domestic hollow-ware	
30		40		51		52		61	
1954	1958	1954	1958	1954	1958	1954	1958	1954	1958
74	70	108	90	65	63	180	161	101	84
80	77	144	122	72	70	207	187	117	93
14,257	17,171	19,153	23,513	39,991	56,333	32,850	38,091	23,729	17,644
..	236	..	551	..	1,112	..	850	..	470
12,580	15,210	16,334	19,469	37,388	46,253	23,168	29,326	17,139	12,672
5,655	7,010	8,832	12,081	21,708	33,353	16,981	20,300	12,012	9,716
+ 27	- 27	- 14	+ 58	+ 1	- 36	+ 109	+ 174	+ 149	+ 238
782	1,121	336	508	1,510	550	935	867	1,003	1,122
+ 73	+ 88	- 10	- 11	+ 20	- 187	+ 89	+ 246	+ 27	- 17
584	1,168	549	820	805	2,537	952	1,910	1,042	1,005
+ 125	- 129	- 78	- 116	- 465	- 994	+ 199	- 479	+ 175	- 325
1,363	1,432	1,807	2,121	4,182	6,061	3,172	3,822	3,006	2,105
205	256	98	100	1,990	2,682	498	598	223	256
217	247	374	411	504	586	505	489	510	386
8,405	9,826	9,747	11,404	15,345	19,606	15,264	17,496	11,335	7,652
9,869	9,958	13,300	12,428	14,387	15,201	18,913	17,722	13,921	9,194
1,928	2,059	2,232	2,276	2,654	3,046	3,116	3,321	2,389	2,011
11,806	12,024	15,542	14,719	17,044	18,247	22,053	21,060	16,319	11,214
712	817	627	775	900	1,074	692	830	695	682
3,619	4,635	4,789	5,770	7,292	9,578	7,115	8,306	5,117	4,079
1,190	1,516	1,380	1,676	1,577	2,186	1,904	2,581	1,366	1,378
367	465	360	464	507	630	376	469	368	444
617	736	618	736	594	718	611	777	572	685
139	152	130	257	141	390	221	351	131	43
227	314	403	405	988	1,592	686	800	324	285
9	7	18	11	23	42	32	41	4	10
49	69	113	174	80	94	129	172	129	139
16	22	34	67	22	30	42	61	42	57

Continued on next page

TABLE 2 (contd.)

	Unit	Sub-divisions of the industry (b)			
		Barrels, drums, kegs and other non-domestic hollow-ware		Anchors and chains	
		62		71	
		1954	1958	1954	1958
Number of enterprises (c)	No.	81	94	37	30
Number of establishments	"	93	118	50	41
Sales	£'000	22,287	39,654	7,553	7,825
	{ goods produced and work done				
	{ merchanted goods and canteen takings	..	1,582	..	449
Sales of characteristic products	"	17,847	28,221	5,921	6,510
Purchases of materials and fuel (d)	"	13,098	23,726	3,783	4,598
Products on hand for sale (d)	{ change during year	+ 81	+ 47	+ 24	+ 39
	{ at end of year	233	328	552	362
Work in progress	{ change during year	+ 94	+ 118	- 23	+ 83
	{ at end of year	524	1,705	317	802
Stocks of materials and fuel (d)	{ change during year	+ 116	- 282	- 18	- 215
	{ at end of year	2,980	6,331	1,119	1,039
Payments for work done on materials given out	"	343	576	114	156
Payments for transport	"	543	908	154	147
Net output	"	8,594	15,909	3,485	3,280
Average number employed (f)	No.	8,575	13,224	3,764	3,035
	{ operatives				
	{ other employees	1,550	3,285	654	648
	{ total, including working proprietors	10,140	16,516	4,422	3,683
Net output per person employed	£	847	963	788	891
Wages and salaries	£'000	3,574	7,218	1,645	1,676
	{ of operatives				
	{ of other employees	1,007	2,509	393	448
Wages and salaries per head	£	417	546	437	552
	{ operatives				
	{ other employees	650	764	601	691
Capital expenditure (g)					
New building work	£'000	222	289	53	63
Plant and machinery	{ acquisitions	408	927	175	305
	{ disposals	17	26	19	12
Vehicles	{ acquisitions	124	199	31	33
	{ disposals	19	63	10	10

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

Number of returns	1958
Average number of persons employed including working proprietors	4,968
Males	32,137
Females	9,256

	Sub-divisions of the industry (b)								Total	
	Needles, pins and fish-hooks		Metal smallwares, other than needles and pins		Finishing of metal goods		Other metal manufactures			
	72		73		74		75		1954	1958
	1954	1958	1954	1958	1954	1958	1954	1958		
	19	13	78	70	245	202	675	600	1,762	1,560
	32	20	101	94	273	235	814	740	2,171	1,957
	3,636	3,754	15,807	17,972	16,176	20,065	148,991	188,114	390,053	484,149
	..	357	..	774	..	412	..	10,899	..	22,991
	2,598	2,615	13,276	14,571	15,363	19,177	109,007	142,885		
	1,058	1,472	6,484	7,842	5,329	6,863	75,184	101,568	193,308	257,917
	+ 32	- 19	+ 42	- 10	- 3	+ 19	+ 475	+ 1,190	+ 972	+ 1,739
	353	339	961	1,404	37	130	5,416	8,265	13,698	17,118
	+ 43	- 4	+ 76	+ 40	+ 11	- 18	+ 1,083	- 29	+ 1,786	+ 196
	420	446	875	947	137	132	7,323	10,088	16,671	25,495
	+ 14	+ 1	+ 97	- 59	+ 67	- 15	+ 1,666	- 956	+ 2,372	- 4,417
	385	314	1,530	1,543	878	1,054	13,941	17,123	40,024	48,778
	95	26	389	243	592	480	2,700	3,751	7,841	9,964
	32	34	136	185	171	224	2,864(e)	3,164(e)	6,927(e)	7,865(e)
	2,540	2,556	9,013	10,447	10,159	12,896	71,467	90,734	187,105	228,914
	3,662	3,404	11,973	10,940	12,123	11,662	76,920	75,630	209,550	202,166
	633	637	2,026	2,268	1,924	2,119	16,237	18,477	42,402	48,085
	4,296	4,041	14,002	13,211	14,081	13,809	93,236	94,137	252,156	250,372
	591	633	644	791	723	934	767	964	742	914
	1,137	1,379	3,803	4,362	5,179	6,346	30,320	38,378	83,557	103,310
	350	396	1,260	1,638	1,245	1,667	9,736	13,721	25,244	35,153
	310	405	318	399	427	544	394	507	399	511
	553	622	622	722	647	787	601	743	595	731
	18	26	87	112	116	230	1,066	1,674	2,607	3,931
	115	127	340	421	350	511	2,580	3,490	7,268	9,917
	10	20	30	31	12	30	186	245	382	511
	8	24	75	97	161	251	707	995	1,835	2,655
	3	6	34	44	53	85	200	429	544	1,032

(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) Including excise duty on mechanical lighters.

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

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

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		
	Number	Number	£'000	£'000	Number	Number	£'000	£'000	£'000	£
25 - 49	549	587	34,914	17,732	16,856	3,344	8,335	2,588	1,201	875
50 - 99	493	545	59,949	28,359	27,822	5,685	13,421	4,440	1,792	844
100 - 199	248	311	64,397	31,724	28,328	6,189	14,217	4,808	2,230	919
200 - 299	84	114	37,138	17,859	16,255	3,602	8,173	2,790	1,027	899
300 - 399	55	77	39,487	17,822	15,592	3,317	7,913	2,400	1,326	943
400 - 499	30	55	26,757	11,319	11,003	2,419	5,735	1,605	739	843
500 - 749	42	98	51,980	22,734	19,971	4,962	10,102	3,564	1,753	912
750 - 999	25	52	45,050	19,634	17,435	4,216	8,549	3,130	1,702	907
1,000 - 1,499	22	61	57,926	25,333	21,568	5,356	11,298	3,692	2,154	941
1,500 - 1,999	4	17	14,985	7,048	5,285	1,315	2,602	995	377	1,068
2,000 - 2,999	5	17	25,590	11,253	7,607	4,080	4,552	2,725	595	963
3,000 and over	3	23	48,966	18,096	14,444	3,600	8,412	2,414	1,607	1,003
Total	1,560	1,957	507,141	228,914	202,166	48,085	103,310	35,153	16,502	914

(a) Including working proprietors.

(b) Value of sales of goods (including merchanted 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.

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		
		£'000		£'000	Number	Number
Furniture of metal and parts thereof						
10 Bedsteads and parts thereof	..	1,942	..	1,814	24	25
10 Storage cupboards, shelving and racking and clothing lockers	..	5,554	..	8,077	55	59
10 Cabinets (including filing and card index cabinets and plan files) and parts thereof	..	3,182	..	3,179	35	36
10 Tables and desks	..	1,231	..	1,375	38	40
10 Seating (except pedestal chairs with reclining movement)	..	2,199	..	2,661	24	24
10 Hearth furniture other than fireguards, sparkguards and cinder sifters	..	850	..	871	23	23
10 Kitchen and bathroom furniture including sinks, sink units and lavatory basins, etc., not elsewhere specified	..	3,672	..	6,870	30	30
10 Other metal furniture (including industrial sundries) and parts, not elsewhere specified	..	4,385	..	4,546	77	79
10 Unclassified	..	784	..	2,548	27	27
10 Wire mattresses	Th. 680	1,483	Th. 752	1,880	41	43
20 Door and window frames and casements	Th. tons 86.8	13,908	Th. tons 65.5	13,764	40	43
20 Of iron and steel	1.4	1,094	1.0	876	15	15
20 Of other metals	..	158	..	473		
20 Unclassified	-	-	13.6	4,208	21	23
20 Glazing bars			..	926		
20 Lead or lead clothed	..	664	..	225(b)	5	5
20 Aluminium	..	558	..	645(b)	..	..
20 Iron and steel (b)	..	-	-	-	-	-
30 Safes, insulated safe equipment, strong rooms, strong room doors, safe equipment and night safes, trunks, suit cases, cash boxes, deed boxes, etc., of sheet iron or other metal	..	1,951	..	2,888	32	32
30 Locks, padlocks and latches and parts thereof, and keys and key blanks for all purposes	..	5,554	..	7,236	54	55
30 Door bolts, hasps, staples (including blanks) and hinges and other metal furnishings for doors and windows (other than locks)	..	6,588	..	6,137	64	65

TABLE 4 (contd.)

Industry sub-division (a)	1954		1958			
	Quantity	Value	Quantity	Value	Enter-prises	Entries
	Th. tons	£'000	Th. tons	£'000	Number	Number
Springs						
Laminated						
40 For road vehicles	55.6	5,901	63.3	7,333	21	28
40 For locomotives, carriages and wagons	22.8	2,075	12.8	1,627	10	11
40 Other and unclassified	1.0	251	1.3	194	7	7
	..	211	..	125		
Other than laminated						
40 Upholstery and mattress springs (including spring seating and mattress interiors)	26.9	3,589	25.5	4,140	39	41
	..	1,720	..	2,071		
Engineering springs						
40 Of ½ inch diameter or equivalent cross sectional area and over	..	5,359	5.9	1,516	28	28
			..	361		
40 Of less than ½ inch diameter or equivalent cross sectional area	..	5,359	6.0	2,513	42	42
			..	629		
40 Other (excluding hair springs for watches and clocks)	..	5,359	2.0	402	17	18
			..	472		
40 Unclassified	3.0	475	6.2	1,968	14	14
	..	1,203	..	330		
40 Brass and copper springs	..	(c)	0.7	109	13	13
			..	41		
Forgings in the rough and machined, not elsewhere specified						
Steel drop forgings						
51 Of alloy steel	158	22,307	140	25,278	64	68
51 Of non-alloy steel	135	16,525	163	21,673	80	83
51 Unclassified	24.2	3,338	22.0	3,721	6	6
Stampings and pressings in the rough or machined, not elsewhere specified						
52 Of iron and steel	164	18,584	114	19,793	320	334
	..	7,202	..	12,867		
52 Of other metals	1.8	953	2.6	1,361	83	84
	..	1,623	..	1,611		
52 Unclassified	-	-	1.9	169	18	18
			..	676		
Hollow-ware of wrought iron and steel for domestic purposes, not elsewhere specified, other than boxes and containers but including dishes, trays, moulds and similar articles						
61 Enamelled	..	4,552	..	2,100	28	28
61 Galvanised	..	6,800	..	3,696	54	54
61 Tinned	..	1,578	..	238	19	20
61 Hollow-ware made of tin-plate	..	1,578	..	2,349	37	41
61 Not enamelled, tinned or galvanised	..	317	..	1,043	28	29
61 Unclassified	-	-	..	648	9	9

(94502)

TABLE 4 (contd.)

Industry sub-division (a)	1954		1958			
	Quantity	Value	Quantity	Value	Enter-prises	Entries
	Th.	£'000	Th.	£'000	Number	Number
Hollow-ware of wrought iron and steel (including dishes, trays, moulds and similar articles) for other purposes including industrial						
62 Barrels, kegs and drums (including tin-plate, terne plate and galvanised drums)						
New						
62 Of a capacity not exceeding 5 gallons	15,653	4,420	15,478	4,951	40	43
62 Of a capacity over 5 gallons	9,466	9,523	10,292	12,038	29	33
62 Reconditioned	..	1,010	..	1,452	19	19
62 Vats, tanks and cisterns, including galvanised	..	2,791	..	5,582	75	80
Other sorts not elsewhere specified						
62 Galvanised	..	565	..	622	22	24
62 Other	..	1,895	..	2,086	45	48
62 Unclassified	..	554	..	1,254	13	13
62 Unclassified	..	1,082	..	991	17	17
Hollow-ware of aluminium, other than boxes or containers, not elsewhere specified						
61 For domestic purposes	..	6,696	..	7,780	48	54
62 Vats, tanks, etc. for other purposes, including industrial	Th. tons 1.2	574	Th. tons 0.2	100	21	23
	..	265	..	672		
62 Unclassified	..	459	..	1,450	16	16
71 Anchors and grapnels and parts thereof	3.6	310	2.4	232	7	7
	..	45	..	122		
Studded-link chain cable						
71 Of iron	6.4	620	2.2	258	8	8
			..	24		
71 Of steel	10.8	1,168	5.1	759	6	6
			..	888		
Unstudded chains (excluding precision chains)						
71 Of iron	3.2	373	3.6	509	17	19
	..	167	..	110		
71 Of steel	6.4	775	4.2	580	15	15
71 Shackles, swivel pieces, slips, etc. for use with chain cable, mooring, hauling or lifting gear	3.2	473	4.3	828	20	21
	..	381	..	263		
71 Other and unclassified chains and studded-link chain cable	..	1,927	..	2,007	9	9
Needles, other than knitting machinery elements						
72 Gramophone, of metal	Mn. 857	125				
Machine needles						
72 Domestic and industrial sewing machine needles	Th. 111,075	689	..	1,340	11	11

(94502)

TABLE 4 (contd.)

Industry sub-division (a)	1954		1958		Enter-prises	Entries
	Quantity	Value	Quantity	Value		
Needles, other than knitting machinery elements (contd.)	Th.	£'000	Th.	£'000	Number	Number
Hand needles, other than knitting needles						
72 Hardware needles (including harness and other leather working needles)	17.1	69	14.1	84	5	5
72 Other hand sewing needles and bodkins	785,993	481	545,914	586	5	5
Knitting machinery elements						
72 Latch needles			49,409	709	..	..
72 Bearded needles	92,435	809	10,902	57	..	..
72 Other (e.g. sinkers, dividers, welt hooks, narrowing point)			33,096	203	..	..
Pins						
72 Safety, including tie and collar	Th.gross 8,805	438	Th.gross 7,992	473	6	6
72 Hair (excluding hair grips and curlers)	3,822	141	2,104	68	6	6
72 Drawing and map	5,083	90	10,712	161	6	7
72 Other pins	Th.cwt. 16.1	360	Th.cwt. 18.7	491	9	9
73 Hair grips	Th.gross 7,405	475	Th.gross 9,062	544	9	9
73 Hair curlers (excluding tongs)	393	120	388	129	6	6
73 Crotchet hooks of metal	22	33	16	28	..	..
73 Knitting needles (including knitting pins of metal)	276	370	210	393	7	7
Buttons						
Of metal						
73 Uniform types	299	309	297	221	5	6
73 Other descriptions, covered or not (including moulds)	1,721	209	841	121	9	9
73 Buckles of metal (other than for braces, suspenders and garters)	2,556	679	2,218	825	16	18
73 Bag clasps and frames of metal	102	536	63	587	7	7
Snap and slide fasteners						
Slide fasteners of metal (including zip fasteners)						
73 Complete	328	3,833	559	2,482	14	14
73 Parts	Th.lin.ft. 80,559		Th.lin.ft. 60,553	1,285		
73 Press fasteners and press studs (including carpet fasteners)	Th.gross ..	780	Th.gross ..	1,408	13	13

(94502)

TABLE 4 (contd.)

Industry sub-division (a)	1954		1958		Enter-prises	Entries
	Quantity	Value	Quantity	Value		
	Th.gross	£'000	Th.gross	£'000	Number	Number
73 Paper fasteners, clips and other stationery sundries	5,154	178	9,690	213	9	9
73 Hooks and eyes	..	44	..	71	5	5
73 Boot eyelets and lacing hooks	23,220	536	15,346	285	..	..
73 Corset, stationery, sail and other eyelets	24,812	723	22,287	779	..	..
73 Fittings for braces, suspenders and garters	..	746	..	932	5	5
73 Collar studs and cuff links wholly or mainly of metal	..	(c)	..	151	..	..
73 Accoutrements, badges, fittings for uniforms and similar accessories of metal (other than of gold or silver)	..	281	..	695	12	12
73 Pen nibs (other than for fountain pens)	1,566	338	916	267	8	8
72 Fishing tackle	..	114	..	111	..	..
72 Semi-manufactured products (e.g. needles in the plain)	..	76	..	30	7	7
73 Other metal smallwares	..	3,884	..	4,284	43	43
75 Metal doors other than for strong rooms	..	816	..	1,095	17	17
Engineers' and mechanics' goods (including fittings for water supply)						
Draw off taps and valves (other than metal to metal contact valves and other industrial valves) and gas cocks						
75 Of copper, brass and other copper alloys including nickel silver and cupro-nickel but excluding all other nickel alloys	..	6,140	..	9,149	69	74
75 Of other materials	..	8,913	..	7,739	76	81
Sanitary, bathroom and other steam and water fittings (except taps, valves and cocks)						
75 Of copper, brass and other copper alloys including nickel silver and cupro-nickel but excluding all other nickel alloys	..	3,397	..	3,107	46	47
75 Of other materials	..	5,281	..	7,569	104	104
75 Builders' and cabinet makers' ironmongery and hardware, other than shop and office fittings, not elsewhere specified	..	3,427	..	3,584	27	28
75 Back boilers, hot water cylinders and calorifiers of copper	..	3,430	..	4,844	30	33
75 Cooking and washing boilers (other than those wholly or mainly of cast iron) and parts therefor	..	26,293	..	32,726	75	83
75 Stoves and fires for domestic heating and for cooking (other than those wholly or mainly of cast iron) and parts therefor	..		..

(94502)

TABLE 4 (contd.)

Industry sub-division (a)	1954		1958			
	Quantity	Value £'000	Quantity	Value £'000	Enter-prises Number	Entries Number
75 Art metalwork (including antique reproductions and other ornamental metal goods)	..	2,675	..	3,885	58	58
75 Crown corks	..	4,701	..	4,535	..	8
75 Curtain rails and fittings	..	1,330	..	1,520	11	11
75 Fire extinguishing apparatus	..	4,389	..	5,683	21	25
75 Ladders and steps of aluminium	..	455(b)	..	479	..	..
75 Lighters, mechanical, complete with or without flint	..	1,685	}	1,952	7	7
75 Lighters, mechanical; component parts not including flints	..	223				
Metal fittings for motor vehicles (excluding motor cycles and tri-cars)						
75 Of copper, brass and other copper alloys including nickel silver and cupro-nickel, but excluding all other nickel alloys	..	2,870	..	3,000	42	43
75 Of other materials	..	(c)	..	4,867	38	38
75 Name plates, clock and other dials, instruction plates, etc.	..	1,908	..	3,441	46	47
75 Pallets and stillages of metal for use with industrial trucks	..	(c)	..	2,114	21	21
75 Lamps (not electric) other than blow lamps and brazing lamps	..	2,203(d)	..	1,395	26	26
75 Vitreous or stove enamelled hearth plates, table tops and shelf plates, and other plates and sheets (not being hollow-ware) of a description commonly used for domestic purposes, and vitreous or stove enamelled signs of all kinds	..	1,009	..	1,371	40	40
75 Metal parts of lighting and heating accessories	..	3,293	..	2,409	43	43
75 Catering equipment not elsewhere specified	..	2,036	..	1,553	31	31
75 Domestic utensils and appliances, not elsewhere specified, other than hollow-ware and electrical	..	3,386	..	3,113	29	29
75 Agricultural and horticultural appliances, not elsewhere specified, including poultry appliances but excluding metal containers	..	2,854	..	3,112	38	39
75 Metallic closures for bottles, jars, cans and similar containers (excluding heavy grade steel closures, crown corks, covers for metal and composite containers and cork stoppers partially manufactured from metal)	..	5,617	..	8,964	34	45
75 Shop, office and bar fittings of metal	..	665	..	1,603	20	21
75 Steel wool and other metallic abrasives	..	1,962	..	2,996	6	6
75 Umbrella frames, ribs and other metal furniture for umbrellas	..	641	..	570	8	8
75 Coffin furniture of all kinds	..	480	..	404(b)	..	..

(94502)

TABLE 4 (contd.)

Industry sub-division (a)	1954		1958			
	Quantity	Value £'000	Quantity	Value £'000	Enter-prises Number	Entries Number
Expanded and perforated metal	Th. tons		Th. tons			
75 Of iron and steel	27.1	2,753	44.0	5,815	20	20
75 Of other metals	1.4 ..	225 184	2.9 ..	849 155	} 16	16
75 Studs and spikes (other than boot and shoe studs and spikes and screw studs)	..	69	..	..
75 Horseshoes (sold as such)	} { 1.3 ..	} { 170 30	..	208	7	7
75 Saddlery hardware, not elsewhere specified (b)			..	..	..	..
75 Hooks, fasteners and shackles	} { 1.4 ..	} { 490 899	3.0	1,205	} 27	27
75 Moulders chaplets			..	862		
75 Fencing material of iron and steel, other than of wire (e.g. gates, grilles, fences, standards, trellis)	} { 20.2 ..	} { 2,316 336	17.4	2,599	} 33	33
75 Cold formed sections of steel (b)			..	624		
75 Cold formed sections of aluminium or aluminium alloys (b)	} { 21.4 ..	} { 2,026 1,095	} { 21.2 ..	3,030	} 11	12
75 Coldroom and refrigerator cabinets of steel, etc. (b)				..		
75 Castors (industrial) of metals other than brass (b)	Th.cwt. 29.8 ..	312 791	Th.cwt. ..	1,423	7	7
75 Machinery guards of sheet metal	..	707	..	441	16	16
75 Steel rolling shutters	Th. tons 2.7 ..	546 620	Th. tons 4.3 ..	797(b) 1,009(b)	} 11	11
Finished manufactures of metal not elsewhere specified						
Of iron and steel	..	11,876	..	16,715	279	286
Of copper, brass and other copper alloys including nickel silver and cupro-nickel, but excluding all other nickel alloys	..	5,108	..	3,891	68	68
Of other metals	..	556	..	659	33	33
Other products	..	1,711	..	8,356	371	396
Waste products sold						
Scrap iron and steel	} { 386 ..	} { 2,463 391	487	4,510	} 677	710
Scrap non-ferrous metals			..	435			..	435
Scrap metals and other waste products	..	455	..	862	191	215
Jobbing ironmongery and repair work	..	1,272	..	862	65	65
Work done on commission, sub-contract work, etc.						
74 Galvanising	..	3,555	..	4,291	47	49
74 Japanning, lacquering or enamelling (including vitreous enamelling)	..	3,500	..	2,800	69	69

(94502)

TABLE 4 (contd.)

Industry sub-division (a)	1954		1958			
	Quantity	Value	Quantity	Value	Enter-prises	Entries
		£'000		£'000	Number	Number
74	Work done on commission, sub-contract work, etc. (contd.)					
74	Tinning	441	307	18	18	
74	Plating and other treatment of metals	8,965	12,735	191	201	
75	Dismantling, demolition, ship-breaking or similar work done for other firms or Government organisations	1,647	1,496	12	19	
71	Proving chain cables and anchors	195	178	5	6	
	Other work	6,054	11,869	248	255	
	Total	385,328	481,267	..	..
	Sales in other industries (see Table 5)	39,184	47,673	..	..
	Principal products of this industry sold by establishments in the industry	346,144	433,594	1,560	1,703 (e)	

(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) So far as recorded separately.

(c) Not recorded separately.

(d) Including parts of lamps (not electric) so far as recorded separately.

(e) 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)
		£'000		£'000	Number	
Furniture of metal and parts thereof						
Bedsteads and parts thereof	..	200	..	99	..	38, 111
Storage cupboards, shelving and racking and clothing lockers	..	464	..	2,315	13	39, 51, 56, 63
Cabinets (including filing and card index cabinets and plan files) and parts thereof	..	514	..	136	6	50, 51, 71, 118
Tables and desks	..	481	..	232	5	50, 52, 124, 127
Seating (except pedestal chairs with reclining movement)	..	481	..	232	5	50, 52, 124, 127
Kitchen and bathroom furniture including sinks, sink units and lavatory basins, etc., not elsewhere specified	..	366	..	1,486	17	50, 60, 63, 113
Other metal furniture (including industrial sundries) and parts, not elsewhere specified	..	1,332	..	2,120	21	63, 111, 112, 124
Unclassified	..	655	..	1,102	30	111, 112
Wire mattresses	Th. 211	471	Th. 480	1,102	30	111, 112
..	..	267	..	285	9	51, 63, 128
Door and window frames and casements	Th. tons		Th. tons			
Of iron and steel	..	749	..	256	15	41, 51, 65
Of other metals	..	223	..	123	..	51, 110, 111
Unclassified	-	-	..	180	..	51
Glazing bars	..	867	..	296	8	51, 71, 128
Safes, insulated safe equipment, strong rooms, strong room doors, safe equipment and night safes, trunks, suit cases, cash boxes, deed boxes, etc., of sheet iron or other metal	..	52	..	142	..	57, 63, 71
Locks, padlocks and latches and parts thereof, and keys and key blanks for all purposes	..	291	..	990	7	38, 71
Door bolts, hasps, staples (including blanks) and hinges and other metal furnishings for doors and windows (other than locks)	..	291	..	990	7	38, 66, 67
Springs						
Laminated						
For road vehicles	13.7	1,296	13.3	1,567	7	38, 71
For locomotives, carriages and wagons	13.9	1,291	7.9	990	7	38, 66, 67
Other						

TABLE 5 (contd.)

	1954		1958			
	Quantity	Value	Quantity	Value	Entries	Principal industries in which produced (a)
	Th. tons	£'000	Th. tons	£'000	Number	
Springs (contd.)						
Other than laminated						
Upholstery and mattress springs (including spring seating and mattress interiors)	4.6	385	5.3	551	8	72, 112
	..	213				
Other, including engineering springs	..	156	..	58	..	53, 63, 72
Unclassified	3.0	475	5.0	1,545	7	38, 50, 67, 69
	..	531				
Forgings in the rough and machined, not elsewhere specified						
Steel drop forgings						
Of alloy steel	24.1	3,521	24.9	4,732	17	38, 41, 43, 63
Of non-alloy steel	17.6	1,864	22.4	2,325	17	38, 43, 63, 71
Unclassified	0.9	120	1.3	225	..	63, 69
Stampings and pressings in the rough or machined, not elsewhere specified						
Of iron and steel	..	2,714	..	3,331	90	38, 44, 56, 73
Of other metals	..	754	..	917	22	52, 63, 73, 126
Unclassified	-	-	..	151	..	41, 50, 59, 65
Hollow-ware of wrought iron and steel for domestic purposes, not elsewhere specified, other than boxes and containers but including dishes, trays, moulds and similar articles						
Enamelled, galvanised, tinned or of tin-plate	..	305	..	618	20	51, 61, 73, 113
Hollow-ware of wrought iron and steel (including dishes, trays, moulds and similar articles) for other purposes including industrial						
Barrels, kegs and drums (including tin-plate, terne plate and galvanised drums)	..	387	..	783	15	73
Vats, tanks and cisterns, including galvanised	..	635	..	648	29	43, 50, 63, 67
Other sorts not elsewhere specified	..	702	..	284	20	42, 48, 51, 62
Unclassified; and reconditioned barrels, kegs and drums	..	257	-	-	-	-
Hollow-ware of aluminium, other than boxes or containers, not elsewhere specified	..	1,014	..	1,528	20	41, 50, 56, 73
Studded-link chain cable and unstudded chains of iron and steel; shackles, swivel pieces, slips, etc. for use with chain cable, mooring, hauling or lifting gear; and anchors and grapnels and parts thereof	..	328	..	568	13	38, 48, 53, 71

TABLE 5 (contd.)

	1954		1958			
	Quantity	Value	Quantity	Value	Entries	Principal industries in which produced (a)
		£'000		£'000	Number	
Needles and pins (other than safety pins and hair pins)	..	661	..	1,289	10	50, 53, 69, 72
All other metal smallwares	..	989	..	1,428	23	49, 57, 59, 125
Metal doors other than for strong rooms	..	380	..	645	10	41, 48, 51, 65
Engineers' and mechanics' goods (including fittings for water supply)						
Draw off taps and valves (other than metal to metal contact valves and other industrial valves) and gas cocks	..	1,131	..	1,686	17	40, 50, 54
Sanitary, bathroom and other steam and water fittings (except taps, valves and cocks)	..	2,258	..	1,729	16	41, 50, 61, 126
Other kinds of engineers' and mechanics' goods	..	1,390	..	819	8	39, 41, 58
Builders' and cabinet makers' ironmongery and hardware, other than shop and office fittings, not elsewhere specified	..	481	..	532	15	38, 48, 63, 71
Cooking and washing boilers (other than those wholly or mainly of cast iron) and parts therefor; back boilers, hot water cylinders and calorifiers of copper	..	200				
Stoves and fires for domestic heating and for cooking (other than those wholly or mainly of cast iron) and parts therefor	..	766	..	597	12	50, 51, 60, 72
Art metalwork (including antique reproductions and other ornamental metal goods)	..	311	..	85	5	63, 65
Fire extinguishing apparatus	..	190	..	710	7	50, 62, 63
Metal fittings for motor vehicles (excluding motor cycles and tri-cars)	..	137	..	172	9	41
Name plates, clock and other dials, instruction plates, etc.	..	160	..	165	8	41, 63, 126
Pallets and stillages of metal for use with industrial trucks	444	7	48, 50, 51
Lamps (not electric) other than blow lamps and brazing lamps	..	236	..	81	5	52, 61, 63, 69
Catering equipment and domestic utensils and appliances, not elsewhere specified, other than hollow-ware and electrical	..	245	..	107	7	50, 54, 61, 72
Agricultural and horticultural appliances, not elsewhere specified, including poultry appliances but excluding metal containers	..	357	..	102	..	26, 48, 72

TABLE 5 (contd.)

	1954		1958			Principal industries in which produced (a)
	Quantity	Value	Quantity	Value	Entries	
	Th. tons	£'000	Th. tons	£'000	Number	
Metallic closures for bottles, jars, cans and similar containers (excluding heavy grade steel closures, crown corks, covers for metal and composite containers and cork stoppers partially manufactured from metal)	..	896	..	1,210	20	63, 73, 124
Expanded and perforated metal of iron and steel and other metals	2.4	391	3.1	620	7	72
	..	21				
Studs and spikes, hooks, fasteners, shackles, and saddlery hardware not elsewhere specified	0.3	77	1.1	189	15	40, 63, 71, 72
	..	69	..	449		
Fencing material of iron and steel, other than of wire (e.g. gates, grilles, fences, standards, trellis)	8.8	736	5.7	641	16	38, 48, 71, 72
	..	336	..	404		
Machinery guards of sheet metal						
Lighters, mechanical, complete with or without flint; and component parts not including flints	..	206	..	1,719	8	42, 44, 50, 61
Unspecified finished metal goods and parts	..	1,388	..	1,448	25	
Work done on commission, sub-contract work, etc.						
Galvanising, japanning, lacquering or enamelling (including vitreous enamelling)		863		483	10	
Tinning and plating		429		326	18	
Proving chain cables and anchors						
Total		39,184		47,673	..	

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

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	Quantity	Value
	Th. tons	£'000	Th. tons	£'000
Mechanical engineering products				
Machinery and plant, including parts				
Agricultural machinery	..	628	..	618
Contractors' plant and quarrying machinery	..	82	..	243
Engineers' small tools and gauges	..	559	..	570
Industrial plant	..	94	..	205
Industrial valves and cocks	..	1,738	..	1,050
Mechanical handling equipment	..	71	..	324
Metal-working machine tools	..	171	..	154
Printing and book-binding machinery	..	211	..	107
Pumps	..	134	..	19
Refrigerating machinery	..	274	..	451
Space heating, ventilating and air-conditioning equipment	..	1,353	..	1,117
Textile machinery, including accessories	..	192	..	178
Other	..	2,624	..	4,123
Fabricated iron and steel work				
Storage tanks of iron and steel	..	787	..	686
Staircases of iron and steel	..	84	..	110
Other fabricated iron and steel work	..	2,332	..	3,340
Arms, ammunition and naval, military and air force stores				
	..	2,708	..	209
Other mechanical engineering products				
	..	612	..	398
Electrical goods and apparatus and parts				
	..	1,296	..	948
Parts and accessories of motor vehicles and cycles				
	..	2,291	..	2,920
Non-mechanically propelled vehicles (except cycles) and parts				
	..	388	..	507
Aircraft parts and accessories				
	..	727	..	685
Tools and implements				
	..	824	..	480
Toys mainly of metal				
	..	199	..	112
Manufactures of iron and steel wire				
	..	1,115	..	597
Bolts, nuts, screws, etc. of iron and steel				
	..	1,897	..	2,324
Metal manufactures, not elsewhere specified				
Of iron and steel				
Iron castings	Th. tons	£'000	Th. tons	£'000
	12.9	1,689	8.2	1,047
	..	403	..	588

TABLE 6 (contd.)

	1954		1958	
	Quantity	Value	Quantity	Value
	Th. tons	£'000	Th. tons	£'000
Metal manufactures, not elsewhere specified (contd.)				
Of iron and steel (contd.)				
Steel forgings, other than drop forgings				
Of alloy steel	4.2	664	8.1	1,175
Of non-alloy steel	10.9	1,248	26.1	2,688
Steel tubes and fittings	0.8	155	1.6	263
Other manufactures	..	240	..	824
Of aluminium				
Aluminium castings	0.1	64	0.4	236
Other manufactures	..	688	..	821
Of brass				
Castings of brass				
Port holes, scuttles, etc.	..	62	0.3	108
Other castings of brass	1.0	424	0.4	156
Sheet metal stampings and pressings of brass	1.2	910	2.9	1,586
Hot brass pressings	1.5	640	..	745
Other manufactures	..	256	..	552
Of other metals and alloys	..	353	..	555
Boxes and containers made wholly or mainly from tin-plate, black-plate or terneplate				
Complete				
Open top hermetically sealed	0.7	74	0.3	49
Other				
For food	2.9	370	2.5	383
For other products	..	293	..	456
Covers and components, sold separately	3.0	535	2.2	315
Covers and other components, sold separately	..	220	..	1,154
Covers and components, sold separately	..	44	..	40
Boxes and containers, wholly of aluminium				
Complete	..	673	..	525
Covers and other components, sold separately	..	66	..	13
Composite containers and covers, partly of metal (board and tin, etc.)	..	450	..	546

TABLE 6 (contd.)

	1954		1958	
	Quantity	Value	Quantity	Value
	Th. gross	£'000	Th. gross	£'000
Surgeons' suture needles and hypodermic needles	21.1	56	35.2	63
Aseptic hospital furniture	..	567	..	419
Goldsmiths' and silversmiths' wares	..	186	..	139
Furniture, wholly or mainly of wood	..	794	..	332
Plastic goods	..	544	..	750
Miscellaneous rubber goods	..	65	..	180
Miscellaneous stationers' goods	..	189	..	54
Other goods	..	4,569	..	4,072
Total goods sold		41,905		48,040
Structural work carried out				
Work done as main contractors		665		440
Work done as sub-contractors		3,018		5,759
Other work done		679		624
Total work done		4,362		6,823
Less estimated value of goods made by firms and separately recorded as sold, which were used in the contract work		2,358		4,308
Total work done exclusive of the value of goods made and used in the work		2,004		2,515
Total value of goods sold without being subjected to any manufacturing process (merchanted or factored)	..	..	..	22,007
Canteen takings		..		984
Total		..		73,546

TABLE 7 - Total make of intermediate products, 1958

This table is not applicable to the industry.

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	111	10	121
Operatives	134,904	66,058	200,962
Administrative, technical and clerical employees	30,196	18,478	48,674
Total employees	165,100	84,536	249,636
Average salaries, etc. paid per head for the week to administrative, technical and clerical employees	£ 17.1	£ 6.9	£ 13.3

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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