BOARD OF TRADE

[HA 251]

The Report on the Census of Production for 1954

Volume 3: Industry N

CARTS, PERAMBULATORS, ETC.



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)

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The Report on the Census of Production for 1954

VOLUME 3, INDUSTRY N

THIS REPORT on the Carts, Perambulators, etc. Industry relates to establishments engaged wholly or mainly in the manufacture and repair of horse-drawn carts, carriages and wagons, and of hand-trucks, wheelbarrows, perambulators, push chairs, bath chairs, etc. (including the manufacture of parts such as wheels and axles).

This industry corresponds to minimum list heading 89 in the Standard Industrial Classification.

LIST OF TABLES

Table No. 1	Title Industry summary: estimates for the industry as a whole	Page 3/N/3
2	Summary of returns received	3/N/3
3	Analysis by size, 1954	3/N/4
4	Analysis according to specialisation within the industry, 1954	3/N/4
5	Sales of principal products of the industry, including sales of these products by establishments classified to other industries	3/N/5

IMPORTANT NOTES and definitions appear on the next page. In interpreting the data in the tables, it is essential to bear these in mind.

42 [HA 251] CARTS, PERAMBULATORS, ETC.

Table	No.	Title	Page
6		Sales of principal products of the industry by estab- lishments classified to other industries	3/N/5
7		Sales in the industry of other than principal products	3/N/6
8		Total make of intermediate products	Does not apply
9		Purchases of materials and fuel, 1954	3/N/6
10		Average number of employees and wages, salaries and superannuation payments	3/N/8
11		Employment in a specified week	3/N/8

GENERAL NOTES

in the tables of the report. More detailed explana-tions of the terms used and a description of the scope and method of taking the census are given in the separate booklet entitled 'The Report on the Census of Production for 1954 - Introductory Notes' (price 1s. 6d. net).

Industrial Classification: Establishments are classified to industries according to the nature of their output and, as far as possible, in conformity with the Standard Industrial Classification. Certain products are identified as the principal products of individual industries, the principal products for a given industry being of a similar nature or commonly associated in production. The principle of classification normally followed is that an establishment is classified to an industry if its output of the principal products of that industry accounted for a greater proportion of the value of its output than did its output of the principal products of any other industry.

Specialist producers normally comprise those establishments 50 per cent. or more of whose total output by value is accounted for by the characteristic products of the specialist group.

Intermediate products: For some industries figures are given showing the total quantities made during the year of intermediate products, i.e., products which may be further processed in the establishments in which they are produced.

Larger establishments: The information given in the report relates mainly to 'larger establishments', i.e., establishments of firms employing on the average more than 10 persons. In most cases an establishment comprises the whole of the premises under the same ownership or management at a particular address (e.g., a mine or factory). Offices, warehouses, laboratories and other ancillary places of business situated apart from the producing works are not regarded as separate establishments and are included in the return for the works.

Small firms are those employing on the average 10 or fewer persons.

The estimates for the industry as a whole given in Table 1 are normally obtained by increasing the other items shown in the same proportion as total employment.

Gross output (production) is the total value of goods made and other work done during the year: it is obtained by adjusting the value of sales and work done during the year for changes in the value of stocks of products on hand for sale and work in progress.

Net output is the amount left after deducting from the value of gross output the aggregate of the cost of mat-erials and fuel used, the amount paid for work given out, and, for 1951 and 1954, any transport payments made. This represents the value added to materials by the process of production, and 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.

Sales means sales during the year of goods made in the establishment covered by the return or made on commission for it, whether produced in the year or not. The value of sales is the net selling value, i.e., the amount charged to customers, whether on an ex-works or delivered basis, and net of any trade discounts, agents' commissions, allowances for returnable cases, purchase tax, etc. For goods charged on a delivered basis to customers overseas, firms were required to give the f.o.b. value.

Materials and fuel: The total cost of materials and fuel purchased includes all purchases during the year of materials for use in production, and of fuel (includ-

The following notes describe terms in general use ing oil, gas and electricity) for all purposes: packing materials, including the full cost of returnable cases when first purchased; workshop and office materials; water charges; materials for repairs to buildings, plant and vehicles when carried out by firms' own workpeople included in their returns; consumable tools; parts for machinery purchased as replacements. Purchases of goods for merchanting are excluded. The cost of materials and fuel used, given in Table 2, is obtained by adjusting purchases for changes during the year in the value of stocks.

> Stocks: Firms were required to give stocks of materials and fuel, products on hand for sale, and work in progress, at income tax values.

> Customs and Excise Duty paid on materials purchased is normally included in the cost of materials. Finished goods are similarly valued as they were sold, duty-paid or duty-free. The net amount of any duty paid is deducted in arriving at net output.

> Employment: Total employment includes working proprietors, administrative, technical and clerical employees, and operatives, but excludes outworkers, canteen employees and persons engaged in merchanting or any other activity not covered by a firm's return, who are shown separately as excluded employees. Employees are persons on the pay-roll (i.e., persons whose National Insurance cards were held by employers), whether employed full-time or part-time.

> working proprietors are proprietors of businesses other than limited companies, together with members of their families who worked in the business without receiving fixed wages or salaries. Any persons working less than half the normal hours are excluded. For Northern Ireland directors of limited companies (other than those paid by fee only) are also included.

> Administrative, technical and clerical employees include directors, other than those paid by fee only (except in Northern Ireland); 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, i.e., broadly speaking, all manual workers.

Outworkers are persons employed by the firm who work on materials 'supplied by the firm in their own homes.

Wages and salaries include all overtime payments, bonuses and commissions without any deductions for income tax, insurances, contributory pensions etc. They exclude payments to working proprietors.

Capital expenditure includes expenditure on new building work, and on plant, machinery and vehicles, charged to capital account during the year, including any transport and installation costs involved. It includes expendi-ture in respect of establishments in Great Britain which had not begun production before the end of the year (which has not previously been included in the Census of Production reports for individual industries).

Symbols used:

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

Where figures are rounded, e.g., given to the nearest £ thousand, there may be apparent slight discrepancies between the sums of constituent items and the totals shown. In some cases, figures have been combined with others of a similar nature where publication of separate details might disclose information relating to an individual undertaking.

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TARLE 1

	and the second	United Kingdom	D	Scotland	Wales
tel Bandid Brai - and	1948	1951	1954	1954	1954
	£ million	£ million	£ million	£ million	£ million
Gross output (production)	11.1	9.9	9.6	.0.37	0.06
Net output	5.0	4.2	4.2	0.17	0.03
Total stocks and work in progress At beginning of year Change during year	1.8 + 0.2	* 1.6 + 0.4	1.4	0.05	0.01
Capital expenditure less disposals (a)	0.2	- Person	0.2	-	0.01
Wages and salaries	2.9	2.5	2.5	0.09	0.02
Total employment (including working proprietors)	Thousands 11.2	Thousands 8.3	Thousands 6.7	Thousands 0.27	Thousand: 0.06

(a) Capital expenditure on new building work, plant, machinery and vehicles (including (except in 1948) that incurred in Great Eritain for establishments not yet in production), less amounts received for plant, machinery and vehicles disposed of.

TABLE 2

FIRMS EMPLOYING ON AVERAGE MORE THAN 10 PERSONS

Number of establishments

Total value of sales and work done Products on hand for sale fat beginning of year [change during year and work in progress Gross output (production) (a)

Purchases of materials and fuel

Stocks of materials and fuel { at beginning of year change during year Cost of materials and fuel used Payment for work done on materials given out

Net output

Average number of employees

Payment for transport (b)

{ operatives others Total employment (d)

Net output per person employed (d)

Wages and salaries

Vehicles

Capital expenditure

New building work (e)

(acquisitions (e) Plant and machinery disposals

acquisitions (e) disposals

FIRMS EMPLOYING ON AVERAGE 10 OR FEWER PERSONS

Number of returns Total employment, including working

proprietors

- separate transport organisations for transport services.
- (b) Payments to other firms and undertakings and to firms' own separate transport organisations. For the year 1948 payments cover only transport outwards of finished goods sold. For subsequent years they cover payments for transport of both finished goods sold and materials and fuel purchased.
- (c) Number in week ended September 25, 1948. (d) Excluding outworkers and including working proprietors.
- (e) Excluding expenditure 'for establishments not yet in production.
 (f) Excluding Northern Ireland. No information about small firms was collected in Northern Ireland for 1951.

CARTS, PERAMBULATORS, ETC.

Industry summary

Estimates for the industry as a whole

Summary of returns received

	Unit	Great Britain	United K	lingdom
		1948	1951	1954
	No. £'000 	100 7,258 312 + 54 7,215	98 7,454 353 + 102 7,556	72 7,463 318 + 19 7,483
	•• •• •• ••	3,953 847 + 102 3,851 106 96	$\begin{array}{r} 4,313\\ 858\\ + 167\\ 4,146\\ 69\\ 144\end{array}$	3,975 753 + 19 3,956 99 / 150 /
	No. £	3,258 6,289 965(c) 7,286 447	3,197 5,353 949 6,323 506	3,277 4,323 895 5,227 627
	£'000 "	1,521 385	1,477 473	1,491 478
		18 117 5 28 6	39 94 142 44 9	26 83 5 43 10
	No.	1,039	538(f)	418
		3,162	1,619(f)	1,249
6			rda an finished	reads sold

(a) For the year 1948 gross output excludes payments for transport services outwards on finished goods sold. For subsequent years gross output includes payments to other firms and undertakings and to firms' own

of operatives of others

CARTS, PERAMBULATORS, ETC.

Analysis by size, 1954

Larger establishments in the United Kingdom

TABLE 3

3/N/4

	Estab-	Gross	Net	Emplo	yees	Wages and		Capital	Net output per person
Average number employed (a)	lish- ments	output	output	Operatives	Others	Operatives		expenditure (b)	employed (a)
	Number	£,000	£'000	Number	Number	£'000	£'000	£.000	£
11 - 24	28	774	318	391	92	144	52	12	650
25 - 49	19	950	382	554	119	199	73	23	566
50 - 99	13	1,391	604	765	176	270	81	37	641
100 - 199	7	1,163	520	740	198	251	106	20	554
300 - 749	5	3,205	1,453	1,873	310	627	165	62	665
Total	72	7,483	3,277	4,323	895	1,491	478	1 53	627

(a) Excluding outworkers and including working proprietors.
 (b) Capital expenditure on new building work and on acquisition of plant, machinery and vehicles. Excluding expenditure at establishments not yet in production.

Analysis according to specialisation within the industry, 1954

Larger establishments in the United Kingdom

TABLE 4

and the second			Speci	alist produce	rs of	a ha ha	
		Unit	Perambulators, folders and push chairs	Hand-trucks and trolleys	Parts of vehicles (not mechanically propelled)	Remainder of the industry	Total
Number of establishments		No.	34	15	5	18	72
Total value of sales and	work done	£'000	4,487	1,010	1,114	852	7,463
Sales of characteristic p			3,614	728	959		
Products on hand for sale	∫at beginning of year		177	38	63	40	318
and work in progress	Change during year		+ 9	+ 13	- 7	+ 4	+ 19
Gross output (production)			4,497	1,023	1,107	856	7,483
		and the shall	0.500	461	476	510	3,975
Purchases of materials an			2,528	110	130	78	753
Stocks of materials	fat beginning of year	••	+ 19	-	- 16	+ 16	+ 19
and fuel	[change during year	••	2,509	461	492	494	3,956
Cost of materials and fue		**	2,309	401	10	11	99
Payment for work done on	materials given out		81	25	17	26	150
Payment for transport			01	23		20	
Net output			1,836	528	588	325	3,277
Average number	(operatives	No.	2,771	561	571	420	4,323
of employees	others		492	209	98	96	895
Total employment (a)	(others		3,269	772	669	517	5,227
Net output per person emp	laved (a)	£	562	684	879	628	627
Het butput per person emp					010	177	1,491
Wages and salaries	∫of operatives	£'000	867	236	212	177	478
ages and salaries	lof others		247	108	60	63	4/0
a			Marine Marine	and the second second second			
Capital expenditure			12	(c)	1	(c)	26
New building work (b)	("	38	13	13	19	83
Plant and machinery	{acquisitions (b)		4		10	-	5
	(disposals		29	4	5	6	43
Vehicles	acquisitions (b) disposals		6	1	i i	2	10

 (a) Excluding outworkers and including working proprietors.
 (b) Excluding expenditure for establishments not yet in production.
 (c) Owing to the risk of disclosure of information relating to individual firms, separate particulars cannot be given.

products by establishments classified to other industries

Larger establishments in the United Kingdom

	195	1		1954	
Γ	Quantity	Value	Quan ti ty	Value	Entrie
	Number	£'000	Number	£'000	Number
	····	41	-	- 1999 - 1999 B	-
1	75,073	823 802	66,032	920 826	}
	315,759	3,426	290,498	3,592	37
		916	137,227	815	24
(b)	280,798	575	379,325	1,025	25 .
			Anthony I have		. A Charges
	15,806	178	17,476	212	11
{	119,112	388	179,843	558	22
4	••	260	The section of the	3.51	P
	••	159		247	68
				i martine C	and a second of
h		211		47	8
IJ		{		163	8
d	and the star	1 444	and the second second	1 086	23
25.200			A CONTRACTOR OF A		20
	•••	200	•••	202	
	adamitigan in	230		121	67
		58		29.	8
name -		9,715		10,276	
le 6)		3,350		3,822	
stry	and specific a training	6,365		6,454	72
		he Uni ted Kir		-	
		1954		- Princ indust	
	Quantity	Valu	ie Entries	s which prod	luced (a)
d)	Number	£' 0	00 Number	fores surgit	
	16,357		BO	3G, 3I, 4I,	104
		Call Antonia (nyon bai s		
) t), heod),	• painterbet	2,3	58 75	31, 5C, 5E,	11D
t), hood),	e police ori	a barration be	alisia nasian alisia na lisi alisia na lisi	and the second	
t), hood), d) s,	··· ··· ··· ··· ··· ··· ··· ···	4.	enalisi netrationetica netrationetica netrationetica	3I, 5C, 5E, 3I, 4I, 10A	
	d) d n e 6) stry e ind tabli	<pre></pre>	41 75,073 823 802 315,759 3,426 186,554 916 280,798 575 15,806 178 119,112 388 260 159 260 159 211 d 159 211 d 203 n 230 58 9.715 6.365 istry 6.365 e industry by establishments of tablishments in the United Kir 1954 Quantity Quantity Value	41 - 75,073 823 66,032 315,759 3,426 290,498 186,554 916 137,227 280,798 575 379,325 15,806 178 17,476 119,112 388 179,843 260 159 159 159 159 159 159 159 159 159 203 230 stry 6.365 e industry by establishments classi fied to tablishments in the United Kingdom 1954 Quantity Value Entried Number £'000 Number	41 - - 75,073 823 66,032 920 315,759 3,426 290,498 3,592 186,554 916 137,227 815 280,798 575 379,325 1,025 15,806 178 17,476 212 119,112 388 179,843 558 260 351 159 247 159 247 159 282 159 247 159 247 159 247 159 247 159 282 203 282 n 230 121 9,715 10,276 6,365 6,454 e industry by establishments classi fied to other industrates 1954 Prince industrates 1954 Prince industrates 1954 Prince industrates

(α) The volume number and industry references given are to the industries shown in the list at the back of this report.
 (b) Amount charged.

(58513)

CARTS, PERAMBULATORS, ETC.

Sales of the principal products of the industry, including sales of these

CARTS, PERAMBULATORS, ETC.

Sales in the industry of other than principal products

Larger establishments in the United Kingdom

TABLE 7

3/N/6

	19	54
	Quantity	Value
	Number	£'000
Invalid carriages and bath chairs, mechanically propelled, and other motor vehicles, parts and accessories	Altrenet Inder a	10
Toy perambulators and toy folders	141,231	494
Pedal motor cars and scooters, children's bicycles (with frames smaller than 15in.) and tricycles	anti-anglant toralgo	43
Other toys	and and store attant	110
Hardware, hollow-ware, metal furniture, etc.	pathalanag	48
Machinery and parts		69
Furniture and cabinet ware	Local Constanting of the second	22
Other manufactures of wood including plywood	and the state of the second	101
Medical and scientific instruments and equipment	Anti anni. anti-trea at	21
Other goods		93
Total		1,009

TABLE 8 - Total make of intermediate products Larger establishments in the United Kingdom

This table is not applicable to the industry.

Purchases of materials and fuel, 1954

Larger establishments in the United Kingdom

IRILE 9		
	Quantity	Cost
and an and a set that which when the set of	Th.tons	£'000
terials	and on the second on a second second on the	and the second
Wrought tubes of iron and steel and fittings for wrought tubes (including welded, seamless, conduit etc.)	2	125 28
Steel		States and the second
Angles, shapes, sections, bars, rods, girders, beams, joists and pillars (not fabricated)	list Lange 4 Lange and	172
Plates and sheets (other than tinned, terne-, and black- plates and sheets)	ay.	alles an editional
1/8in. thick and over and hoop and strip (including tape)	Charling 2 Clearland	77
Under 1/8in. thick	4	211
Steel in all other forms except finished parts, including	(bood isanite to stiral and	pare bas extents dang
steel wire in circular or other section	- Londe	125
	Th.cwt.	TO STATENZO SAMOTIMO
Aluminium in all forms except finished parts and scrap	5	63
Brass and other copper alloys (including nickel silver but excluding other nickel alloys) in all forms except finished	Aroda Jesialdes 1814	e unit india) saloide
parts and scrap	3	32

TABLE 9 (contd.)

Materials (contd.)

Timber (excluding timber used for making into cases, e or for repairing returnable cases)

Hardwood

Softwood

Plywood (including battenboard, blockboard and lamin

Leathercloth

Cloth coated with plastic materials (e.g. polyvinyl ch polyvinyl acetate) and uncoated plastic sheeting

Woven piece goods of all fabric materials

Paints and varnish, including emulsion paints and cell based paints and lacquers

- Machinery components and accessories for incorporation finished products of the trade
- Ball and roller bearings and parts thereof Other

Packing materials

Replacement parts for firms' own machinery, plant and a and consumable tools bought as replacement (e.g. files chisels)

All other purchased materials

Fuel and electricity

Coal

Coke

Liquid fuels (including creosote/pitch mixtures)

For use in internal combustion engines

Motor spirit (petrol) for use in road vehicles and derv. fuel

Other

For burning in furnaces, boilers, kilns, etc. Gas purchased

From Gas Boards

From other sources, including other departments of the same firms

Electricity purchased

From Electricity Boards

From other sources, including other departments of the same firms

All other purchased fuel

Total cost

(58513)

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CARTS, PERAMBULATORS, ETC.

3/N/7

and the second second	Quantity	Cost
	Th.cu.ft.	£'000
tc.		
	74	59
4		11
	132	96
board)	Th.sq.ft. 3,838	133
	Th.sq.yds.	155
	809	169
loride,		
	1,017	194
	728	238
ulose		
in the	••	125
an che		
		70
		1,082
Station and State		73
whicles,		
or		
	••	54
	•• Th	698
	Th.tons.	
	5	19
	1	7
	-	1
	Th.gal.	
	169	33
		1
	28	1
	Th.therms	
{]	350	23
. 1	••	6
e		
	Th.kWh.	
	7,246	46
e		10
	58	1
		1
		3,975

CARTS, PERAMBULATORS, ETC.

Average number of employees and wages, salaries and superannuation payments (a)

Larger establishments in the United Kingdom

110	1951	1954
	Number	Number
verage number of employees		and a second
Operatives Administrative, technical and clerical employees	5,353 949	4,323 895
Total	6,302	5,218
	000 '3	£'000
ages and salaries paid to		Statuments
Operatives Administrative, technical and clerical employees	1,477 473	1.491 478
Total	1,950	1,969
	£	3
ages and salaries per head		shot and plant the
Operatives	276	345 534
Administrative, technical and clerical employees	498	
the star engine funds for employees	There and a straight have been	£' 000
Superannuation and other pension funds for employees and dependents (b)		The second se
Employers' contributions	a har and a sure	21
	Liste two bard lover , ghe	Number
Employees covered	- Samanaki PD 749040	1.270
Pension, etc. payments to former employees and dependents (b)		£'000 2

(a) The following persons, not included above, were also employed by larger establishments in this industry ('other workers' includes, for example, employees engaged in merchanting):-

	1951	1954
	Number	Number
Canteen workers Males	4	4
Females	46	47
Total	50	51
ther workers	ano contin	vesalles desis
Males	64 28	8 10
Females	28	10
Total	92	18
otal excluded employees	142	69
utworkers		
Males Females	1 88	6 40
Tendles		
Total	89	46
An and the second s	000'£	£'000
Payments to outworkers	6	6

(b) The figures given relate to larger establishments in Great Britain only.

Employment in a specified week (a): Larger establishments in the United Kingdom Number

	1951			1954		
	Males	Females	Total	Males	Females	To tal
Working proprietors	21	-	21	9	-	9
Operatives	3,284	1,976	5,260	2,720	1,740	4,460
Administrative, technical and clerical employees	527	429	956	483	435	918
Total employees	3,811	2,405	6,216	3,203	2,175	5,378

(a) Week ended September 22, 1951, or October 30, 1954.

DS 58513/1/Wt.3351 K.4 7/57 CL

3165

VOLUME 1

A. Coal Mines B. Non-Metalliferous Mines and Quarries (other than Coal, Salt and Slate)

- C. Salt Mines, Brine Pits and
- Salt Works
- D. Slate Quarries and Mines E. Metalliferous Mines and Quarries F. Brick and Fireclay
- G. China and Earthenware
- Glass Containers I. Glass (other than Containers)
- J. Cement
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- L. Building Materials M. Manufactured Fuel

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- B. Dyes and Dyestuffs
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- D. Coal Tar Products E. Chemicals (General) F. Drugs and Pharmaceutical
- F. Drugs and Pharmaceutical Preparations
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 K. Polishes

- L. Ink
- M. Match N. Mineral Oil Refining
- O. Oils and Greases P. Seed Crushing and Oil Refining Q. Glue, Gum, Paste and Allïed
- Industries
- R. Plastics Materials

VOLUME 3

- A. Blast Furnaces
- B. Blast furnaces
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 C. Iron Foundries
 D. Steel Sheets

- E. Tinplate
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- M. Railway Carriages and Wagons
- and Trams
- N. Carts, Perambulators, etc.

VOLUME 4

- A. Shipbuilding and Ship Repairing
- B. Marine Engineering
- C. Machine Tools
- D. Textile Machinery and Accessories
- E. Small Arms G. Mechanical Handling Equipment
- F. Constructional Engineering

- . Carpets . Narrow Fabrics
- Canvas Goods and Sacks

Silk

H. Tute

Lace

- - A. Asbestos B. Flock and Rag
 - C. Hair, Fibre and Kindred
 - Industries D. Leather (Tanning and Dressing)

 - E. Fellmongery F. Leather Goods
 - G. Fur
 - Tailoring, Dressmaking, etc.

 - Glove
 - K. Umbrella and Walking Stick

- C. Biscuit
- L. Boot and Shoe
 - VOLUME 8
- A. Grain Milling
- - D. Bacon Curing and Sausage

3/N/8

LIST OF INDUSTRY REPORTS

VOLUME 4 (contd.)

H. Printing and Bookbinding Machinery
I. Mechanical Engineering (General)
J. Mechanical Engineering (Repairing)
K. Electrical Engineering (General) L. Electric Wires and Cables M. Radio and Telecommunications N. Batteries and Accumulators O. Electric Lighting Accessories and

VOLUME 5

Fittings

A. Tool and Implement

B. Cutlery
C. Chain, Nail, Screw and Miscellaneous Forgings
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E. Hardware, Hollow-ware, Metal Furniture and Sheet Metal Brass Manufactures G. Needles, Pins, Fish Hooks and Metal Smallwares H. Scientific, Surgical and Photographic Instruments, etc. I. Watch and Clock J. Jewellery and Plate K. Precious Metals Refining L. Musical Instruments

VOLUME 6

A. Cotton Spinning and Doubling B. Cotton Weaving C. Woolien and Worsted D. Rayon, Nylon, etc. Production E. Rayon, Nylon, etc. Weaving, and

F. Flax Processing G. Linen and Soft Hemp

Rope, Twine and Net Hosiery and Other Knitted Goods

O. Textile Converting P. Made-up Household Textiles Q. Textile Finishing R. Textile Packing

VOLUME 7

Hats, Caps and Millinery

B. Bread and Flour Confectionery

VOLUME 8 (contd.)

Preserved Meat
Milk Products
Ice Cream
Sugar and Glucose
Cocoa, Chocolate and Sugar
Confectionery
Preserved Fruit and Vegetab.
VOLUME 9

A. Margarine
B. Fish Curing
C. Cattle, Dog and Poultry Foods
D. Vinegar and Other Condiments
E. Starch
F. Ice
G. Miscellaneous Preserved Foods
H. Brewing and Malting
I. Wholesale Bottling
J. Spirit Distilling
K. Spirit Rectifying and
Compounding
L. Soft Drinks, British Wines
and Cider
M. Tobacco
VOLUME 10
A. Timber
B. Furniture and Upholstery
C. Soft Furnishings
D. Shop and Office Fitting

E.	wooden Containers and Baskets
F.	Paper and Board
G.	Wallpaper
Η.	Cardboard Box, Carton and
	Fibre-board Packing Case
Ι.	Manufactured Stationery, Paper
	Bag and Kindred Industries
J.	Newspaper and Periodical
	Printing and Publishing
K.	Printing and Publishing.
	Bookbinding, Engraving, etc.
	VOLUME 11

 B. Linoleum, Leathercloth and Allied Industries
 C. Brushes and Brooms D. Toys and Games Sports Requisites Miscellaneous Stationers' Goods Cinematograph Film Production Cinematograph Film Printing Plastic Goods and Fancy Articles Incandescent Mantles VOLUME 12 A. Building and Contracting B. Local Authorities (Building and

Civil Engineering) C. Railways (Civil Engineering) D. Tranway, Trolley Bus and Omnibus Undertakings (Civil Engineering) E. Canal, Dock and Harbour Undertakings (Civil Engineering) F. Gas Supply Industry G. Electricity Supply Industry H. Water Undertakings

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