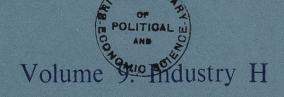


# The Report on the Census of Production for 1954



BREWING AND MALTING

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

1957

PRICE 1s 9d NET

# The Report on the Census of Production for 1954

VOLUME 9 INDUSTRY H

#### BREWING AND MALTING

THIS REPORT on the Brewing and Malting Industry relates to establishments engaged wholly or mainly in the brewing of ale, stout, porter and other beer and the manufacture of malt

This industry corresponds to minimum list heading 163 in the Standard Industrial Classification.

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

S HZ [HA25] The following notes describe terms in general use in the tables of the report. More detailed explanations 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 materials 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 (including 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 work-people included in their returns; consumable tools; and 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 expenditure 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.

## BREWING AND MALTING Industry summary

Estimates for the industry as a whole

TABLE 1

		United Kingdo	m	Scotland	Wales
14 1 - 16:002 - 1 - 2:11	1948	1951	1954	1954	1954
	£ million	£ million	£ million	£ million	£ million
Gross output (production)	471.2	446.1	454.1	34.56	13.98
Net output	92.0	85.9	101.3	8.07	3.26
Total stocks and work in progress At beginning of year Change during year	34.8 + 6.1	41.4	50.1	5.04	0.98
Capital expenditure less disposals (a)	6.2	8.5	7.3	0.81	0.45
Wages and salaries	24.3	27.5	31.4	2.97	0.85
Total employment (including	Thousands	Thousands	Thousands	Thousands	Thousands
working proprietors)	72.0	71.5	68.3	6.76	1.97

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

Summary of returns received

TABLE

		Unit	Great Britain	United Kingdom		
			1948	1951	1954	
IRMS EMPLOYING ON AVERAGE M	ORE THAN 10 PERSONS	6 V/5 E.S	ay Earth			
Number of establishments Total value of sales and work Products on hand for sale and work in progress Gross output (production) (b)	done {at beginning of year change during year	No. £'000	695 465,603 17,177 + 3,082 465,390	623 440,825 20,043 + 1,368 442,193	712 (a 450.732 22.332 - 277 450.456	
Purchases of materials and fue	el		81,450			
Stocks of materials and fuel Cost of materials and fuel Payment for work done on mater Customs and Excise duties Payment for transport (d) Net output Average number of employees Total employment (f) Net output per person employees	at beginning of year change during year ed change during year ed change during year ed change during the change during the consecution of the consumption of wines and spirits  and spirits  and spirits		81,450 17,185 + 2,916 78,534 415 289,979 5,645 3,294 90,816 56,621 14,413(e) 71,069 1,278	102.036 20.979 5.066 96.970 364 247.749 7.249 4.736 85.125 55.767 15.058 70.847 1.202	96,944 27,387 - 3,166 100,111 429 238,177 5,843 5,388 100,509 52,712 15,663 67,792 1,483	
Wages and salaries	{of operatives of others	£,000	16,132 7,914	18,274 9,016	21,008	
Capital expenditure New building work (g) Plant and machinery Vehicles	acquisitions (g) disposals acquisitions (g) disposals		996 4,206 118 1,139	1,546 6,048 131 1,110	2,266 4,296 381 1,175 228	

TARIF 2 (contd )

The second secon	Ünit	Great Britain	United Kingdom	
	Unit	1948	1951	1954
TIRMS EMPLOYING ON AVERAGE 10 OR FEWER PERSONS			A STATE OF STATE OF	
Number of returns	No.	112	100(h)	9.2
Total employment, including working proprietors		568	541 (h)	516

- (a) Including 125 establishments employing ten or fewer persons particulars of which were included with those of larger establishments on single returns. For 1948 and 1951 such establishments were not separately counted and on the same basis the number of establishments in 1954 would have been 587.
- (b) 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
- separate transport organisations for transport services.

  (c) The amount of drawback receivable in respect of beer brewed or purchased and bottled, and exported, deposited, etc., and the amount of allowance receivable for spoilt beer returned by customers are as

United	Kingdom
1951	1954
£,000	£,000
3,967	3,577 529

- (d) 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.
- (e) Number in week ended September 25, 1948.
- (f) Excluding outworkers and including working proprietors.
  (g) Excluding expenditure for establishments not yet in production.
  (h) Excluding Northern Ireland. No information about small firms was collected in Northern Ireland for 1951.

#### Analysis by size, 1954

#### Larger establishments in the United Kingdom

TABLE 3

Average number	Estab-	Gross	Net	Emplo	yees	Wages and	Wages and salaries		Net output per person
employed (a)	lish- ments	output	output	Operatives	Others	Operatives	Others	expenditure (b)	employed (a)
	Number	£, 000	£, 000	Number	Number	£, 000	£, 000	£, 000	£
11 - 24 (c)	294	17.199	3.971	2.963	628	1,181	437	348	1,103
25 - 49	123	25.624	5,852	3,654	906	1,427	614	438	1.281
50 - 99	130	60,832	12,856	7.227	2,046	2.769	1,315	1,291	1.386
100 - 199	79	66,321	17.014	8,647	2,673	3,227	1,685	1,203	1,503
200 - 299	34	55,296	11.929	6,663	1,900	2,529	1,204	721	1,393
300 - 399	18	46,120	10,294	4,697	1,323	1.797	847	775	1,710
400 - 499	14	48,165	9.801	4.748	1,422	1,974	880	1,261	1,589
500 - 749	7	28,468	6,935	3,334	1,016	1,279	711	215	1.594
750 - 999	6	33,521	7,586	4,150	1,074	1,770	837	458	1,452
1,000 - 1,999	7	68,909	14,270	6,629	2.075	3,055	1,653	1.027	1,639
Total	712	450,456	100,509	52,712	15,063	21,008	10,182	7,737	1,483

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

(c) Including 125 establishments with fewer than 11 persons employed, particulars of which were included with those for larger establishments on single returns.

### Analysis according to specialisation within the industry, 1954

#### Larger establishments in the United Kingdom

TABLE 4

			Specialist	s engaged in	Remainder	
200 200	989	Unit	Brewing but not malting	Malting only	of industry	Total
Number of establishments		No.	225	255	232	712
Total value of sales and wo		£,000	216,463	22,911	211.358	450.732
Sales of characteristic prod		1 "	195,748	20,951		tedito.
Products on hand for sale	fat beginning of year		7,155	4,802	10,375	22.332
and work in progress	(change during year	"	+ 119	- 537	+ 141	- 277
Gross output (production)		"	216,582	22,374	211,500	450,456
Purchases of materials and	fuel		41.812	15.108	40,024	1000
Stocks of materials	fat beginning of year		8.846	4.852	13.689	96,944
and fuel	change during year		- 381	- 1.465	-1.320	- 3.166
Cost of materials and fuel i		"	42,193	16.574	41,344	100.111
Payment for work done on ma	terials given out	"	64	60	306	429
	fon beer brewed (net)	"	122,249	-	115.928	238,177
Customs and Excise duties	on deliveries for home				110,020	230,177
Customs did Excise duties	consumption of wines and				- A - M	
	spirits	"	2,659	72 1 3 3 3 3 3 3	3,183	5,843
Payment for transport			1,477	577	3,333	5.388
Net output						THE REST IS NOT
Average number of	[operatives		47,939	5,164	47,406	100,509
employees	others	No.	22,490	4,255	25,967	52.712
Total employment (a)	Cothers		7,150	731	7,182	15,063
Net output per person employ	red (a)	£	29,653	4,990	33,149	67.792
not surput per person emprey	the substantial transfer		1,617	1,035	1,430	1,483
Wages and salaries	fof operatives	£,000	9,015	1,793	10,200	21,008
and and another than the second second	of others	"	5.087	562	4,533	10,182
Capital expenditure	is clays.	18 1				
New building work (b)			1.312	149	805	0.000
	facquisitions (b)		1,821	254	2.221	2.266
Plant and machinery	disposals		205	7	169	4.296
W.L.L.	(acquisitions (b)		528	65	582	The state of the s
Vehicles	disposals		135	13	80	1.175

(a) Excluding outworkers and including working proprietors.(b) Excluding expenditure for establishments not yet in production.

#### Sales of the principal products of the industry, including sales of these products by establishments classified to other industries

#### Larger establishments in the United Kingdom

TABLE 5

		19	1951		1954		
All I		Quantity	Value	Quantity	Value	Entries	
Beer (including ale, stou excluding black beer) br	t, porter, etc., but	Th.bulk barrels of 36 gal.	£,000	Th.bulk barrels of 36 gal.	£,000	Number	
For home consumption			97 DW 04 GEN 3.05	Service Service Service		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Bottled		3,902	71,833	4,593	86,230	269	
Other		21,548	305,873	20,110	296,648	315	
For export					200,040	1 010	
Bottled		174	2.077	148	2.010	27	
Other	100	144	1,572	145	1,702	22	
Malt		Th.cwt. 7,985	22,720	Th.cwt. 7,521	22,168	138	
Malt flour		56	146 {	34	120 58	} 11	
Grains		7,693	817 152	7,691	1,483	305	

(59572)

TABLE 5 (contd.)

he United Kingdom	19	51	1954		
	Quantity	Value	Quan ti ty	Value	Entries
ar topacum atalianona		£,000		£,000	Number
Malt commings and other offals including cereal screenings		634		585	243
Work done for the trade or on commission (a)	W T	266	22 119	240	34
Malting	9 14 13		and stress ban	STATE OF STA	
Other 188 BE		305	alguating 521	412	23
Total Total		406,394	seufe j	411,816	w into
Sales in other industries (see Table 6)		825	last ber al	768	pale sus
Principal products of this industry sold by establishments in the industry	73	405,569	i find nicto): beau feut i	411,048	417

(a) Amount charged.

Sales of principal products of the industry by establishments classified to other industries: Larger establishments in the United Kingdom

TABLE 6

TABLE 6	808 Vs -	491.0					The second second
30.5¢	281,3	731 731	081 1		Principal industries in		
			Tie.I	Quantity	Value	Entries	which produced (a)
283.41	628.W	268	700 (3	Th. bulk barrels of 36 gal.	€.000	Number	erus ibseque intiqui Aros paiblid son
Beer (including ale, stout, porter, etc., but excluding black beer) brewed for home consumption				19 Th.cwt.	305	3	91
Malt and m	alt flour			213	463	11	2F. 8H. 9J
Tota	ıl		, noti . Her	व वर उन्हें देखा है।	768	orus thes	Ne corrected to:

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

Sales in the industry of other than principal products

Larger establishments in the United Kingdom

TABLE 7

					185, 153784, 1	954
					Quantity	Value
					Hundreds	£,000
Casks					167	111
					Th.cwt.	
(east			00073	1	420	234
cust		1 to adequate 1		40 0197333		63
					Th.gal.	609
oft dr	inks (includ	ing soda and oth	er table waters)	<b> </b>	3.057	20
						delighted 20
10810 1111 1211	purchased a					Landy Still Control of the
Beer	(including a	le, stout, porte	r, etc.)		37,268	26,325
					Th. proof gal.	1100 AB 1001
Spiri	ts				653	7,702
					Th.gal.	0.070
Wine	imported			+	558	2,373
C13	222			72 40 - 27	600	167
Clder	and perry					
Other	liquors (in	cluding soft dri	nks and vinegar)	192	121	102
201	5 E					1,551
ther g	oods				••	1,001
To	tal					39.684

(59572)

#### BREWING AND MALTING

Total make of certain products

#### Larger establishments in the United Kingdom

T	A'	D	T	F	9
	A.	D	L	L	

	Returned	in this ind	lustry	Returned in all industries			
	1951	(,81800) 810)				1954	
	Quantity	Quantity	Entries	Quantity	Quantity	Entries	
287	Th.cwt.	Th.cwt.	Number	Th.cwt.	Th.cwt.	Number	
Principal products							
Malt	10,683	9,955	211	12,386	12,056	291	
	Hundreds	Hundreds					
Other products			88.0		unissed to	19.07	
Casks	371	348	18		He to season	010	

Purchases of materials and fuel, 1954

Larger establishments in the United Kingdom

			THE RESIDENCE THE CHAPTER AND THE
24.4.		Quantity	Cost
Barley for malting		Th.cwt.	£,000
Home-grown		12,887	10 500
Imported			19,580
laked barley	Teoret and	381	528
alze and maize products		175	423
ther cereals		234	405
alt %	204	5.439	579
alt extract (including	malt extract symp)	the second secon	17,711
ugar	mare excident syrup,	155	736
	tract syrup) and saccharum	1,198	3,841
lucose	crace syrup, and saccharum	164	518
ops		87	272
		208	6.264
ypsum and burtonisers		44	red I which the 184 ov
inings		300 mag	202
			asti es 180 di
		Th.gal.	Lear manufactor tedas (IA
ater		4,896,105	299
		Th. bulk barrels	1 N 102 ADVO 33
iquors purchased for bo		of 36 gal.	
Beer (including ale, s	tout, porter, etc.)	1.045	20,062
		Th.proof gal.	
Spirits		\$ 496	1,360
		A MALINE AND A MARKET	326
		Th.gal.	
Wine, imported		531	844
Cider and perry			97
Signer A		640	110
Other liquors including	g soft drinks	{  97	91 25
acking materials		Capacity	25
		Th.gal.	Administrative, technic
Bottles		6,675	852
		Th.	433
Wooden barrels, casks	and keas	127	
Carrier Carrier			623
		Th.cu.ft.timber	विकास देश गर्भ व
Packing cases (wood or	mainly of wood)	{	230
Timber for the manufact	cure or reconditioning of	259	347
casks, cases, etc.		{  235	347

#### Purchases of materials and fuel, 1954

#### Larger establishments in the United Kingdom

TABLE 9 (contd.)

	Quantity	Cost
		£,000
Packing materials (contd.)		
Metal containers (excluding metal barrels, etc. and metal crates)	and the second s	235
and the control of th	Th.cwt.	
	7	139
Metal barrels, casks, and kegs		53
	Th.	
Jute or hessian sacks and bags	543	77
Closures of all kinds (e.g., bungs, crowns, corks)		2,115
Other packing materials including metal crates and		
paper labels	us a metric of the second	991
Replacement parts for machinery, plant and vehicles and	description of the contract	0 201
consumable tools bought as replacement		2,381
All other purchased materials	to the 2011 feet because in	7,338
Fuel and electricity	Th. tons	
Coal	623	2,628
Coke	35	214
Liquid fuels (including creosote/pitch mixtures)		
For use in internal combustion engines	Th.gal.	1017.00
Motor spirit (petrol) for use in road vehicles and		
derv. fuel	6,685	1,263
Other	224	18
For burning in furnaces, boilers, kilns, etc.	18.771	789
Gas purchased	Th. therms	
From Gas Boards	1,698	103
From other sources, including other departments of the same firms		
Electricity purchased	Th.kWh.	
From Electricity Boards	166,343	1,033
From other sources, including other departments of the same firms		. 2
All other purchased fuel		19
Total cost		96,944

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

Larger establishments in the United Kingdom

TABLE 10

	1951	1954
	Number	Number
Average number of employees		
Operatives	55,767	52,712
Administrative, technical and clerical employees	15.058	15,063
Total	70,825	67.775
	€,000	£'000
Wages and salaries paid to		
Operatives	18,274	21,008
Administrative, technical and clerical employees	9,016	10,182
Total	27,289	31,190

TABLE 10 (contd.)

	1951	1954
	£	£
ages and salaries per head		
Operatives	328	399
Administrative, technical and clerical employees	599	676
		£,000
Superannuation and other pension funds for employees and dependents (b)		
Employers' contributions		1,315
		Number
Employees covered		29,383
		£.000
Pension, etc. payments to former employees and dependents (b)		783

(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	30	29	
Females	422	439	
Total	452	468	
Other workers			
Males	4,104	4,415	
Females	516	1,307	
Total	4,620	5,722	
Total excluded employees	5,072	6.190	

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

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

TABLE 11						Numbe	
	1951			1954			
	Males	Females	Total	Males	Females	Total	
Working proprietors	22*		22	17	-	17	
Deratives	47.963	8,189	56,152	45,309	7,372	52,681	
dministrative, technical and clerical employees	11.715	3,426	15,141	11,446	3,703	15,149	
Total employees	59,678	11,615	71.293	56,755	11.075	67,830	

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

DS 59572/1/Wt.3351 K.4 8/57 CL

#### 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
- China and Earthenware
- Glass Containers I. Glass (other than Containers)
- J. Cement
- K. Abrasives L. Building Materials
- M. Manufactured Fuel

#### VOLUME 2

- A. Coke Ovens and By-products
- B. Dyes and Dyestuffs
  C. Fertiliser, Disinfectant, Insecticide and Allied Industries
- D. Coal Tar Products
  E. Chemicals (General)
  F. Drugs and Pharmaceutical
- Preparations
  G. Toilet Preparations and Perfumery
  H. Explosives and Fireworks
- Paint and Varnish J. Soap, Candles and Glycerine K. Polishes
- Match
- Mineral Oil Refining
- O. Oils and Greases
  P. Seed Crushing and Oil Refining
  Q. Glue, Gum, Paste and Allied
- Industries
  R. Plastics Materials

#### VOLUME 3

- A. Blast Furnaces
  B. Iron' and Steel (Melting and Rolling)
  C. Iron Foundries
  D. Steel Sheets
- E. Tinplate
- F. Wrought Iron and Steel Tubes G. Non-Ferrous Metals (Smelting,
- Rolling, etc.)
  H. Scrap Metal Processing
  I. Motor Vehicles and Cycles (Manufacturing)
- J. Motor Vehicles and Cycles
- (Repairing)
  K. Aircraft Manufacture and Repair
  L. Railway Locomotive Shops and
  Locomotive Manufacturing
- 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
- F. Constructional Engineering
- G. Mechanical Handling Equipment

#### VOLUME 4 (contd.)

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

#### VOLUME 5

- A. Tool and Implement
- B. Cutlery
  C. Chain, Nail, Screw and
- Miscellaneous Forgings
  D. Wire and Wire Manufactures
  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.
- 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. Woollen and Worsted
- D. Rayon, Nylon, etc. Production E. Rayon, Nylon, etc. Weaving, and Silk
- Flax Processing Linen and Soft Hemp
- Jute
- Rope, Twine and Net Hosiery and Other Knitted Goods
- Lace
- L. Carpets M. Narrow Fabrics
- Canvas Goods and Sacks
- O. Textile Converting
  P. Made-up Household Textiles
  Q. Textile Finishing
  R. Textile Packing

#### VOLUME 7

- 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. Hats, Caps and Millinery
- K. Umbrella and Walking Stick
- L. Boot and Shoe

#### VOLUME 8

- A. Grain Milling
  B. Bread and Flour Confectionery
- C. Biscuit
- D. Bacon Curing and Sausage

#### VOLUME 8 (contd.)

- E. Preserved Megt
- F. Milk Products
- G. Ice Cream
- H. Sugar and Glucose I. Cocoa, Chocolate and Sugar
- Confectionery
  J. Preserved Fruit and Vegetables

#### VOLUME 9

- A. Margarine
- B. Fish Curing
- C. Cattle, Dog and Poultry Foods
  D. Vinegar and Other Condiments
  E. Starch

- Miscellaneous Preserved Foods
- H. Brewing and Malting
  I. Wholesale Bottling
- 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 H. Cardboard Box, Carton and
- Fibre-board Packing Case

  I. Manufactured Stationery, Paper
  Bag and Kindred Industries
- J. Newspaper and Periodical Printing and Publishing
- K. Printing and Publishing, Bookbinding, Engraving, etc.

#### VOLUME 11

- A. Rubber
- B. Linoleum, Leathercloth and
  Allied Industries
  C. Brushes and Brooms
- D. Toys and Games
- E. Sports Requisites
- F. Miscellaneous Stationers' Goods
  G. Cinematograph Film Production
  H. Cinematograph Film Printing
  I. Plastic Goods and Fancy Articles
  J. Incandescent Mantles

#### VOLUME 12

- A. Building and Contracting
  B. Local Authorities (Building and
- Civil Engineering)
  C. Railways (Civil Engineering)
  D. Tramway, Trolley Bus and
  Omnibus Undertakings
- (Civil Engineering) E. Canal, Dock and Harbour
- Engineering)
  F. Gas Supply Industry
- Undertakings (Civil G. Electricity Supply Industry
- H. Water Undertakings

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