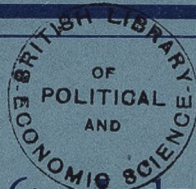


BOARD OF TRADE

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[HA 251]

*The Report on the
Census of Production
for 1954*



Volume 6: Industry O

TEXTILE CONVERTING

*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 6 INDUSTRY O

TEXTILE CONVERTING

THIS REPORT on the Textile Converting Industry relates to establishments in Great Britain engaged wholly or mainly in converting cloth of cotton and man-made fibres (rayon, nylon, etc.) to the finished state, and in procuring the making-up of household textiles, handkerchiefs, head squares, etc. of these materials; household textiles are, however, regarded as principal products of the Made-up Household Textiles Industry, and handkerchiefs, head squares, etc., as principal products of the Tailoring, Dressmaking, etc. Industries, and the total output in all industries of these products is shown in the reports on these industries. The work of finishing and making-up is in the main given out to other firms working on commission, and is covered by the reports on the Made-up Household Textiles Industry and the Textile Finishing Industry - Volume 6, Industries P and Q.

In Northern Ireland no distinction was drawn between converters of cloth and makers-up of household textiles of cotton and man-made fibres and those dealing with linen cloth. All converters, etc. in Northern Ireland are included in the Linen and Soft Hemp Industry (Volume 6, Industry G), but their sales of finished cotton and rayon are included in Tables 5 and 6 of this report.

In the censuses for 1951 and 1954 large establishments only were required to make detailed returns, and no information was collected about employment, remuneration and capital expenditure. Larger establishments were defined as those delivering more than 200,000 square yards of finished woven cotton and rayon cloth during the year (whether for sale or for making-up household textiles, etc. on commission). In previous censuses, all firms in the industry were required to make their returns on the same form.

This industry corresponds to minimum list heading 244(3) 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.

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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 (includ-

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 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.

Industry summary

Estimates for the industry as a whole

TABLE 1

	Great Britain			Scotland 1954	Wales 1954
	1948	1951	1954		
Gross output (production)	£ million 213.8(a)	£ million 392.1	£ million 292.8	£ million ..	£ million ..
Net output	35.8	48.2	29.8
Total stocks and work in progress					
At beginning of year	37.4	74.6	72.5
Change during year	+ 12.0	+ 23.6	+ 9.4

(a) Including amount receivable in respect of cotton utility cloth subsidy.

Summary of returns received

TABLE 2

	Unit	Great Britain		
		All firms	Larger establishments (a)	
			1948	1951
Number of establishments	No.	1,186	1,043	855
Total value of sales and work done	£'000	207,008	363,990	278,724
Products on hand for sale				
and work in progress	{ at beginning of year	21,437	55,751	56,521
	{ change during year	+ 6,033	+ 17,030	+ 6,395
Gross output (production) (b)	"	212,643	381,020	285,120
Amount receivable in respect of cotton utility cloth subsidy	"	1,197	-	-
Purchases of materials and fuel	"	153,029	288,199	205,772
Stocks of materials and fuel	{ at beginning of year	16,001	16,772	14,122
	{ change during year	+ 5,998	+ 5,859	+ 2,757
Cost of materials and fuel used	"	147,031	282,340	203,015
Payment for work done on materials given out	"	31,013	50,688	51,739
Payment for transport (c)	"	397	1,131	1,357
Net output	"	35,796	46,860	29,009

(a) Establishments that delivered more than 200,000 square yards of woven cotton and rayon cloth. The numbers of returns received in 1951 and 1954 from firms delivering 200,000 square yards or less of woven cotton and rayon cloth, and the total quantities of cloth delivered by them were as follows:

	1951	1954
Number of returns received	No. 727	No. 601
Quantity of woven cotton and rayon cloth delivered	Th.sq.yds. 58,409	Th.sq.yds. 46,989

(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 organisation for transport services.

(c) 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.

Analysis according to value of sales, 1954

Larger establishments in Great Britain

TABLE 3

Establishments with sales of	Establishments	Total value of sales	Net output
Under £25,000	16	300	29
£25,000 and under £50,000	109	4,319	454
£50,000 and under £100,000	186	13,674	1,592
£100,000 and under £200,000	210	30,189	3,168
£200,000 and under £300,000	103	25,022	2,625
£300,000 and under £400,000	54	19,130	1,604
£400,000 and under £500,000	42	18,595	1,749
£500,000 and under £750,000	59	35,699	3,240
£750,000 and under £1,000,000	25	21,503	2,292
£1,000,000 and over	51	110,292	12,256
Total	855	278,724	29,009

Analysis according to specialisation within the industry, 1954

Larger establishments in Great Britain

TABLE 4

	Unit	Specialist suppliers of finished woven cloth of cotton and man-made fibres	Specialist suppliers of household textiles of cotton and man-made fibres, made up for them on commission		Remainder of the industry	Total
			Purchasing cloth for finishing	Other		
Number of establishments	No.	796	51	5	3	855
Total value of sales and work done	£'000	262,882	14,475	1,037	330	278,724
Sales of characteristic products	"	241,000	11,664	1,001	(a)	56,521
Products on hand for sale	"	53,900	2,492	(a)	-	6,395
and work in progress	"	+ 6,170	+ 247	- 21	- 1	285,120
Gross output (production)	"	269,053	14,722	1,016	329	205,772
Purchases of materials and fuel	"	194,002	10,736	792	241	14,122
Stocks of materials	"	13,611	468	40	3	2,757
and fuel	"	+ 2,524	+ 223	- 7	+ 17	203,015
Cost of materials and fuel used	"	191,477	10,513	799	225	51,739
Payment for work done on materials given out	"	48,933	2,590	172	44	1,357
Payment for transport	"	1,263	85	6	2	29,009
Net output	"	27,379	1,534	38	58	

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

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

	1951		1954		
	Quantity	Value	Quantity	Value	Entries
	Th.sq.yds.	£'000	Th.sq.yds.	£'000	Number
Finished woven cloth wholly of cotton					
Cloth for apparel					
Flannelette and winceyette	92,680	12,669	87,445	9,557	164
Shirtings, other than flannelette	189,000	34,526	135,254	21,974	259
Velveteens, fustians and corduroys	13,027	5,481	14,705	4,458	55
Other dress and blouse cloth	180,479	26,904	158,845	22,756	259
Domestic overall cloth	29,988	4,127	31,223	3,435	87
Industrial overall cloth, drills, etc.	104,750	21,550	110,218	18,100	186

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TABLE 5 (contd.)

	1951		1954		
	Quantity	Value	Quantity	Value	Entries
	Th.sq.yds.	£'000	Th.sq.yds.	£'000	Number
Finished woven cloth wholly of cotton (contd.)					
Cloth for apparel (contd.)					
Rainwear cloth					
Gaberdine	17,561	6,478	7,204	2,048	75
Rubberised	19,308	3,326	14,796	2,132	24
Oiled	3,058	561	3,858	582	11
Linings and interlinings	119,621	16,261	89,149	9,513	241
Corset cloth	11,503	2,651	10,600	1,671	54
Speciality export cloth, e.g. native types	231,580	27,863	188,316	20,116	119
Other woven cotton cloth for apparel	75,579	11,130	44,670	5,059	148
Unclassified	359	55	2,561	344	..
Total	1,088,494	173,583	898,846	121,744	..
Cloth for handkerchiefs and household textiles					
Handkerchief cloth	20,026	2,977	9,144	1,202	64
Sheeting and pillow cloth	49,494	7,442	27,629	3,216	149
Bed covering and quilt cloth	10,869	2,318	12,848	1,862	57
Ticking	29,336	5,553	15,757	1,861	57
Other woven cotton cloth for household textiles	15,838	2,560	11,998	1,770	82
Unclassified	-	-	201	26	..
Total	125,563	20,849	77,577	9,937	..
Furnishing fabrics					
Cretonnes and chintzes	40,288	8,023	32,083	5,412	61
Coloured woven damasks, tapestries, brocades and the like	13,442	3,284	14,669	2,897	84
Other woven cotton furnishing fabrics	24,270	5,048	17,067	2,708	85
Unclassified	-	-	166	29	..
Total	77,999	16,355	63,985	11,047	..
Boot and shoe linings and fabrics	191,741	21,049	24,158	2,865	47
Other woven cotton cloth			131,457	12,152	182
Total finished woven wholly of cotton	1,483,798	231,837	1,196,024	157,744	..
Finished woven cloth of man-made fibres (rayon, nylon, etc.), or of man-made fibres mixed with materials other than silk					
Cloth for apparel					
Containing more synthetic fibre (nylon, etc.) than other man-made fibre (rayon, etc.) (a)					
Corset cloth	..	(b)	4,353	1,197	31
Other apparel cloth	..	(b)	24,355	5,404	142
Containing less synthetic fibre (nylon, etc.) than other man-made fibre (rayon, etc.) (a)					
Velveteens and velvets	1,413	632 (b)	1,496	644	7
Other dress cloth including scarf, blouse and tie cloth	265,317	48,691 (b)	207,413	33,087	242
Lingerie and nightwear cloth	44,252	8,555 (b)	42,111	6,197	109
Rainwear cloth	4,557	906 (b)	6,568	1,404	51
Linings	103,599	17,214 (b)	99,324	12,921	185

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TABLE 5 (contd.)

	1951		1954		
	Quantity	Value	Quantity	Value	Entries
	Th.sq.yds.	£'000	Th.sq.yds.	£'000	Number
Finished woven cloth of man-made fibres (rayon, nylon, etc.), or of man-made fibres mixed with materials other than silk (contd.)					
Cloth for apparel (contd.)					
Containing less synthetic fibre (nylon, etc.) than other man-made fibre (rayon, etc.) (a) (contd.)					
Corset cloth	7,181	2,424(b)	5,907	1,727	36
Other woven cloth for apparel	59,813	11,083(b)	80,290	13,074	189
Unclassified	42,290	7,788	20,378	3,045	..
Total	528,421	97,292	492,194	78,700	..
Cloth for handkerchiefs and household textiles					
Bed coverings and quilt cloth	7,105	1,102	22,714	2,971	55
Handkerchief cloth and other woven cloth for household textiles	1,527	298	1,697	240	23
Unclassified	-	-	344	44	..
Total	8,632	1,400	24,755	3,256	..
Furnishing fabrics					
Cretonnes and chintzes	12,039	2,774	18,873	2,781	54
Coloured woven damasks, tapestries, brocades and the like	22,858	6,186	38,799	6,975	100
Other woven furnishing fabrics	18,803	4,182	9,437	1,947	63
Unclassified	1,061	346	1,011	193	..
Total	54,762	13,488	68,120	11,896	..
Umbrella cloth (c)	905	188	1,425	254	6
Other woven cloth of man-made fibres (rayon, nylon, etc.), or of man-made fibres mixed with materials other than silk	3,775	763	6,374	978	..
Unclassified woven cloth of man-made fibres (rayon, nylon, etc.), or of man-made fibres mixed with materials other than silk	1,005	270	1,542	303	11
Total woven cloth of man-made fibres (rayon, nylon, etc.), or of man-made fibres mixed with materials other than silk	597,500	113,401	594,410	95,387	..
Unclassified proofed piece goods, other than rubber proofed	-	-	212	36	10
Waste products	..	150	..	84	68
Total		345,389		253,251	..
Sales in other industries (see Table 6)		15,561		8,164	..
Principal products of this industry sold by establishments in the industry		329,828		245,087	855

(a) The term 'Synthetic fibres' includes nylon, perlon and fibres such as those known as Terylene, Grilon, Enkalon and Orlon; it is defined as 'extruded filaments or fibres produced from substances obtained by chemical synthesis'.

The term 'Other man-made fibres' includes rayon, acetate, alginates and fibres such as those known as Fibrolane and Ardil; it is defined as 'extruded filaments or fibres of substances derived from cellulose, protein, algae, or similar animal or vegetable material'.

(b) Cloth for apparel containing more synthetic fibre than other man-made fibre was not separately distinguished in 1951 from cloth containing less synthetic fibre than other man-made fibre.

(c) So far as recorded separately.

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

Larger establishments in the United Kingdom

TABLE 6

	1954			Principal industries in which produced (a)
	Quantity	Value	Entries	
	Th.sq.yds.	£'000	Number	
Finished woven cloth wholly of cotton				
Cloth for apparel				
Oiled rainwear cloth	279	77	..	7H, 11B
Linings and interlinings	5,407	593	12	6G
Other woven cloth for apparel (except domestic and industrial overall cloth, drills, etc., gaberdine and rubberised rainwear cloth, corset cloth and speciality export cloth)	1,602	335	13	6B, 6C, 6E, 7H
Unclassified	775	107	..	
Total	8,063	1,113	..	
Cloth for handkerchiefs and household textiles				
Handkerchief cloth	1,097	116	12	6G
Sheeting and pillow cloth	1,925	239	21	6G, 6P
Other woven cotton cloth for household textiles (except bed covering and quilt cloth)	852	202	22	6C, 6G, 6P
Unclassified	50	7	..	
Total	3,924	564	..	
Furnishing fabrics				
Coloured woven damasks, tapestries, brocades and the like	432	118	12	6G
Other woven cotton furnishing fabrics (except cretonnes and chintzes)	278	109	4	6C, 6E, 6P
Unclassified	41	8	..	
Total	752	235	..	
Other woven cotton cloth, including boot and shoe linings and fabrics	1,886	448	..	6C, 6G, 6P
Total finished woven cloth wholly of cotton	14,624	2,359	..	
Finished woven cloth of man-made fibres (rayon, nylon, etc.), or of man-made fibres mixed with materials other than silk				
Cloth for apparel				
Containing less synthetic fibre (nylon, etc.) than other man-made fibre (rayon, etc.) except rainwear cloth and corset cloth	15,341	2,536	8	6C, 6J, 6G
Unclassified	16,145	2,391	..	
Total	31,486	4,927	..	
Cloth for handkerchiefs and household textiles				
Handkerchief cloth and other woven cloth for household textiles (except bed coverings and quilt cloth)	58	11	7	6G
Unclassified	131	17	..	
Total	189	28	..	

TABLE 6 (contd.)

	1954			Principal industries in which produced (a)
	Quantity	Value	Entries	
Finished woven cloth of man-made fibres (rayon, nylon, etc.), or of man-made fibres mixed with materials other than silk (contd.)	Th.sq.yds.	£'000	Number	
Furnishing fabrics				
Coloured woven damasks, tapestries, brocades and the like, and other woven furnishing fabrics (except cretonnes and chintzes)	2,114	520	9	6C, 6G, 6J
Unclassified	424	94	..	
Total	2,538	614	..	
Other and unclassified woven cloth of man-made fibres (rayon, nylon, etc.), or of man-made fibres mixed with materials other than silk	1,216	200	..	6B, 6G, 6J
Total woven cloth of man-made fibres (rayon, nylon, etc.), or of man-made fibres mixed with materials other than silk	35,429	5,769	..	
Unclassified proofed piece goods, other than rubber proofed	212	36	10	7H
Total	50,266	8,164	..	

(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 Great Britain

TABLE 7

	1954	
	Quantity	Value
Finished woven cloth of silk, or of silk mixed with other materials	Th.sq.yds.	£'000
Cloth for apparel	780	462
Other	400	86
Finished woven linen and union cloth		
Cloth for apparel	1,314	469
Furnishing fabrics	2,736	850
Other woven linen and union cloth, including cloth for handkerchiefs and household textiles	730	180
Finished woven woollen and worsted cloth	5,864	2,947
Finished knitted fabrics of wool and man-made fibres, including mixtures	..	256
Made-up household textiles of cotton	Th.dozen	
Hand and bath towels, including roller towels		
Terry	1,179	2,332
Non-terry	15	20
Tea towels, glass cloths and the like	487	358

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TABLE 7 (contd.)

	1954	
	Quantity	Value
Made-up household textiles of cotton (contd.)	Th.prs.	£'000
Sheets	5,161	7,555
Pillow and bolster cases	Th.dozen	
	1,642	2,348
Blankets	Th.prs.	
Cot size	176	65
Full size (single or double)	1,986	2,470
Table coverings of all kinds, other than lace	Th.dozen	
	327	922
Cleaning cloths, dusters and the like	2,750	1,049
Bedspreads and other bed coverings	67	650
Other made-up household textiles of cotton	..	414
Made-up household textiles of man-made fibres (rayon, nylon, etc.), or of man-made fibres mixed with materials other than silk		
Table coverings of all kinds, other than lace	145	386
Bedspreads and other bed coverings	9	94
Other, including sheets	..	283
Handkerchiefs		
Of cotton or linen	12,301	4,447
Of other materials	175	83
Scarves and head squares	216	379
Nursery squares, terry and muslin	676	631
Sacks and bags of cotton	230	252
Cotton yarn bleached, dyed and finished	Th.lbs.	
	1,916	579
Tea cloths, glass cloths and the like, of linen and union cloth	Th.dozen	
	14	23
Articles of clothing	..	1,395
Other goods	..	1,549
Work done (a)		101
Total		33,637

(a) Amount charged.

TABLE 8 - Total make of intermediate products

Larger establishments in Great Britain

This table is not applicable to the industry.

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TEXTILE CONVERTING
Purchases of materials and fuel, 1954
Larger establishments in Great Britain

TABLE 9

	Quantity	Cost
	Th.lb.	£'000
Materials		
Goods purchased for further processing or for hemming and stitching		
Yarn		
Of cotton	7,390	1,605
Woolen or worsted including mixtures if known as woolen or worsted	427	238
Of man-made fibres (rayon, nylon, etc.), pure or mixed with materials other than silk	1,026	348
Grey or other loom state woven cloth	Th.sq.yds.	
Of cotton	1,422,439	128,642
Woolen or worsted including mixtures if known as woolen or worsted	6,449	2,243
Of silk, pure or mixed with other materials	2,929	631
Wholly of man-made fibres (rayon, nylon, etc.)	472,310	47,825
Of man-made fibres (rayon, nylon, etc.) mixed with materials other than silk	130,138	17,103
Of linen (including mixtures of flax or hemp with materials other than silk, if known as linens)	4,745	713
Other cloths not finished, including knitted	3,174	618
Finished or partly finished woven cloth		
Of cotton	17,558	1,843
Of man-made fibres (rayon, nylon, etc.) including mixtures with materials other than silk	5,739	749
	..	327
	946	122
Other finished or partly finished cloths	..	30
Pattern room materials	..	198
Packing materials	Th.cu.ft. or Th.cu.ft. of timber used	
Timber and timber packing cases	271	70
	..	115
Paper and paperboard, cardboard boxes, fibre board packing cases, etc.	..	407
	Cwt.	
	2,286	27
	..	83
Jute cloth including hessian	..	192
Other packing materials	..	1,385
All other purchased materials	..	257
Fuel and electricity (including petrol, etc., for road vehicles)	..	
Total cost		205,772

TABLE 10 - Average number of employees and wages, salaries and superannuation payments

Larger establishments in Great Britain

This table is not applicable to the industry.

TABLE 11 - Employment in a specified week

Larger establishments in Great Britain

This table is not applicable to the industry.

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