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BOARD OF TRADE

Report on the Census of Production 1963

77

Weaving of cotton, linen and
man-made fibres



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Notes

These notes give the main information needed for interpreting the figures in the industry reports. (More detailed information about the Census is given in a separate booklet - 'Introductory Notes': Part 1 of the Report on the Census of Production for 1963.)

GENERAL INFORMATION

Changes in the 1963 census

There were few changes resulting from amendments to the Standard Industrial Classification and only minor changes in the scope of certain industry reports compared with 1958. Any such changes are explained in the introductions to the industry reports concerned or by footnotes to the tables.

Industrial Classification

Establishments were classified to industries on the basis of major activity in conformity with the second edition of the Standard Industrial Classification (Consolidated Edition 1963, incorporating Amendment 1). Each industry was basically defined in terms of its principal products, these being of a similar nature or commonly associated in production. Normally, an establishment was classified to an industry if its sales of the principal products of that industry accounted for a greater proportion of its total sales than did its sales of the principal products of any other industry. However, where the application of this rule would have resulted in a change of classification between 1958 and 1963, the establishment was reclassified only if the sales of principal products of the newly predominant industry was more than one third greater than the sales of principal products of the previously predominant industry. This modification of the general rule was introduced for 1958 to avoid discontinuities which would result from marginal changes in sales between successive censuses.

The principle of classification by major output was also normally followed in compiling the analysis by sub-divisions of an industry.

In certain industries, classification was dealt with in a different way. Details of any non-standard treatment are given in the introductions to the relevant industry reports.

TERMS USED IN THE CENSUS REPORT

Average number employed

Firms were required to state the number of persons on the payroll (i.e. whose National Insurance cards were held by them) on the average during the year of return, whether full-time or part-time employees. Separate figures were required for (a) administrative, technical and clerical employees and (b) operatives (see below). Averages could be calculated from figures relating to the last week of each calendar month; figures shown in respect of the average number employed relate to the sum of these averages. Firms were also required to state the number of working proprietors (see below) where appropriate and these are included in total employment figures. Outworkers are excluded.

The figures include persons engaged in merchanting or factoring and canteen workers where particulars in respect of these activities could not be excluded from the return.

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 a fixed wage or salary; but persons who worked less than half the normal number of working hours are excluded. For Great Britain, directors working in the business but not in receipt of a definite wage, salary or commission are included under this heading for 1963, but are excluded for 1958. For Northern Ireland, directors of limited companies, other than those paid by fee only, are included for both years. (Directors paid by fee only are not included in any of the employment figures for either year.)

Employees

- (i) Administrative, technical and clerical employees include managers, superintendents and works foremen; research, experimental, development, technical and design employees (other than operatives); draughtsmen and tracers; editorial staff, staff reporters, canvassers, competition and advertising staff; travellers; and office (including works office) employees. For Great Britain, but not for Northern Ireland, they include also managing and other directors in receipt of a definite wage, salary or commission.
- (ii) 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, shops and 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 in their own homes, etc. on materials supplied by the firm) are excluded. Information about the numbers of outworkers employed was collected only for the gloves industry.

Capital Expenditure

- (i) New building work.

This represents the cost incurred during the year of new building and other new constructional work (including office buildings, canteens and the like used in connection with the business covered by the return but not dwelling houses for employees). The value is that charged to capital account during the year of return; it includes expenditure on new buildings or on the extension or reconstruction of old buildings, the value of work of a capital nature carried out by firms' own staff, and the cost of any newly constructed buildings purchased. The figures shown include any legal charges, stamp duties, agents' commissions, etc.

77 Weaving of cotton, linen and man-made fibres

This Report on the Weaving of Cotton, Linen and Man-made Fibres Industry relates to establishments engaged wholly or mainly in weaving fabrics, other than narrow fabrics, from yarns of cotton, linen, silk and man-made fibres; converting loom state cloth to finished cloth when carried out in the finishing department of a weaving establishment; and making-up household textiles of linen and union cloth when carried out in the making-up department of a weaving establishment.

This industry corresponds to minimum list heading 413 in the Standard Industrial Classification (Consolidated edition, 1963) except that firms engaged in the making-up of household textiles of linen and union cloth in association with weaving are classified to this industry and not to the Household Textiles of Handkerchiefs Industry. Sales of household textiles of linen and union cloth are, however, treated as principal products of the Household Textiles and Handkerchief Industry in 1963, a change from 1958 when they were treated as principal products of this industry. Such sales are, consequently, now shown in Table 7 of this report.

The design of the form used for this industry was revised for the 1963 Census. As a result, it was easier than was the case in 1958 for respondents to distinguish separately between sales of woven cloth of cotton or man-made fibres in the loom state on the one hand and sales of finished cloth or made-up household textiles of cotton or man-made fibres on the other. Consequently, some of the figures relating to 1963 in the report are not strictly comparable with those relating to 1958. For example, in Table 2 the increase in the number of establishments classified to sub-division 01 - finished cloth of cotton, man-made fibres, silk and mixtures - between census years is, to some extent, due to the easier identification of establishments whose sales were primarily of finished cloth; in 1958 some establishments recorded such sales against the heading for sales of loom state cloth and were classified to a different sub-division of the industry. Although there is a certain amount of discontinuity between 1958 and 1963, the data for 1963 reflects more accurately than hitherto the activities of the establishments classified to this census industry.

TREATMENT OF FINISHED CLOTH AND FOAMBACK FABRICS

In the 1963 Census sales of foamback fabrics are shown as principal products of the same industry as the fabric rather than the material used for the backing. Thus foamback knitted fabrics are shown in Table 5 of the report on the Hosiery and Other Knitted Goods Industry (Part 81), and the corresponding table in the report on the Woollen and Worsted Industry (Part 78) shows sales of foamback woollen or worsted fabrics. Total sales of all foamback fabrics and finished cloth of cotton, linen and man-made fibres, reported in the census, together with those reported by merchant converters in a separate inquiry, are brought together in a supplement to Table 5 in this report.

Sales of foamback fabrics were not taken into account in classifying returns to the three textile industries in which they are shown.

The foambacking of fabric on commission was classified to the Textile Finishing Industry (Part 87).

METHOD OF CLASSIFICATION

The classification of returns to this industry was subject to special rules to ensure the classification of weaver/converters and makers-up of household textiles of linen and union cloth to this industry.

Establishments were classified to this industry provided that they carried out the process of weaving and their total sales of principal products of this industry and of the Textile Finishing Industry or sales of household textiles of linen and union cloth were greater than those of any other industry. In applying these rules, foamback fabrics were treated as previously described in the paragraph 'Treatment of Finished Cloth and Foamback Fabrics'.

In classifying returns to the sub-divisions of the industry, shown in Table 2, classification was in the first instance to one of the four main groups in the industry, viz:- 'Finished cloth of cotton, man-made fibres, silk and mixtures'; 'Loom state cloth of cotton, man-made fibres, silk and mixtures'; 'Woven cloth and made-up articles of linen and hemp'; and 'Other manufactures of cotton, including surgical and medical dressings', on a major output basis. Returns classified to the loom state cloth section were allocated to one of the three narrower sub-divisions in this section, headed 'Cotton', 'Tyre cord and fabric of man-made fibres and mixtures' and 'Other loom state cloth of man-made fibres and mixtures', if the sales of products coded to the sub-division concerned accounted for two-thirds or more of total output; the remaining returns were classified to the sub-division headed 'Other and unclassified'. Returns classified to the linen and hemp section of the industry were sub-divided on a geographical basis between Great Britain and Northern Ireland.

In interpreting the data in the tables it is essential to bear in mind the notes and definitions which appear on pages (ii), (iii) and (iv).

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TABLE 1 Industry summary: United Kingdom
Estimates for all firms, 1958 and 1963 (a)

	Unit	1958	1963	
Number of enterprises	No.	813	550	
Number of establishments	"	1,114	782	
Gross output	£'000	305,066	281,351	
Net output	"	84,144	85,681	
Net output per head	£	611	871	
Sales and work done	goods produced and work done	£'000	301,656	276,189(b)
	merchanted goods and canteen takings	"	4,221	6,002
Purchases	materials for processing and packaging, and fuel	"	203,967	179,988
	goods for merchandising and canteen purchases	"			5,343
Payments to other organisations	for work done on materials given out	"	10,903	10,136
	for transport	"	1,702	1,472
Stocks and work in progress				
Total stocks and work in progress	change during year	"	- 5,159	+ 430
	at end of year	"	65,215	61,683
Goods on hand for sale	change during year	"	+ 2,186	- 1,366
	at end of year	"	31,871	28,173
Work in progress	change during year	"	- 2,997	+ 526
	at end of year	"	13,054	15,536
Materials, stores and fuel	change during year	"	- 4,348	+ 1,270
	at end of year	"	20,290	17,974
Average number employed	total, including working proprietors	Th.	137.6	98.4
	operatives	"	124.6	87.7
	other employees (c)	"	12.6	10.2
Wages and salaries	of operatives	£'000	47,618	44,099
	of other employees (c)	"	9,176	9,213
Employers' contributions to National Insurance and private pension schemes, etc. (d)	"	..	3,314	
Capital expenditure (e)				
Total	"	..	10,511	
New building work	"	726	1,026	
Land and existing buildings (f)	"	..	308	
Plant and machinery (f)	"	3,428	8,705	
Vehicles (f)	"	215	472	

(a) For 1963, estimates for small firms and for firms not making satisfactory returns accounted for about 3 per cent. of the total figures in which they were incorporated. (For 1958 the comparable figure was 2 per cent.) A summary of the detailed returns received is given in Table 2.

(b) Including services rendered to other organisations (amounts charged for hiring out plant, machinery and other goods, for providing transport, or for technical or other services rendered).

(c) Administrative, technical and clerical employees.

(d) Including pensions and gratuities paid other than from pension funds.

(e) Excluding expenditure for establishments not yet in production.

(f) Acquisitions less disposals.

TABLE 2 Analysis of larger firms by sub-divisions within the industry, 1958 and 1963(a)
Firms employing 25 or more persons: United Kingdom (b)

	Unit	Sub-divisions of the industry (c)			
		Finished cloth of cotton, man-made fibres, silk and mixtures		Loom state cloth of cotton, man-made fibres, silk and mixtures (d)	
		Cotton		Cotton	
		01	1963	02	1963
Number of enterprises (f)	No.	65	91	280	132
Number of establishments	"	79	133	411	186
Gross output	£'000	26,450	55,660	111,321	66,435
Net output	"	7,877	19,726	28,975	18,342
Net output per head	£	716	1,006	530	734
Sales and work done	£'000	goods produced and work done	53,963(g)	109,708	65,969(g)
		merchanted goods and canteen takings	1,313	1,323	1,059
Sales of characteristic products	"	21,281	32,872	101,178	53,415
Index of specialisation (i)	Per cent.	81	61	92	81
Purchases	£'000	materials for processing and packaging, and fuel	30,747	77,771	45,815
		goods for merchandising and canteen purchases	1,132			1,023
Payments to other organisations	"	for work done on materials given out	4,119	2,478	1,228
		for transport	297	432	197
Stocks and work in progress					
Goods on hand for sale	"	change during year	- 43	+ 1,895	- 807
		at end of year	7,256	10,732	6,043
Work in progress	"	change during year	+ 428	- 1,605	+ 214
		at end of year	4,991	4,408	3,075
Materials, stores and fuel	"	change during year	+ 361	- 1,665	+ 170
		at end of year	3,835	7,084	3,933
Average number employed	No.	total, including working proprietors	19,603	54,621	24,995
		operatives	16,932	51,125	23,222
		other employees (j)	2,628	3,488	1,719
Wages and salaries	£'000	of operatives	8,847	19,215	11,671
		of other employees (j)	2,486	2,650	1,681
Wages and salaries per head	£	operatives	522	376	503
		other employees (j)	946	760	978
Employers' contributions to National Insurance (k)	£'000	..	489	..	618
Employers' contributions to private pension schemes, etc.(l)	"	..	190	..	131
Capital expenditure (m)					
New building work	"	100	293	232	64
Land and existing buildings	"	acquisitions	154	..	6
		disposals	14	..	59
Plant and machinery	"	acquisitions	2,172	1,674	955
		disposals	70	154	177
Vehicles	"	acquisitions	166	135	81
		disposals	68	57	33

Sub-divisions of the industry (c)									
Loom state cloth of cotton, man-made fibres, silk and mixtures (d) (continued)					Woven cloth of linen and hemp (e)				
Man-made fibres and mixtures				other and unclassified		Great Britain		Northern Ireland	
Tyre cord and fabric 03		Other 04		05		06		07	
1958	1963	1958	1963	1958	1963	1958	1963	1958	1963
6	6	104	65	93	62	33	17	52	32
10	11	139	96	113	69	36	19	76	42
3,863	12,437	48,261	51,970	48,211	26,803	7,776	6,816	27,931	20,689
350	962	13,994	15,624	11,697	7,756	2,785	2,568	5,834	4,820
784	832	637	870	674	765	581	739	465	628
3,827	12,109(g)	47,688	50,766(g)	47,970	26,860(g)	7,451	6,524(g)	28,393	20,644(g)
2	7	676	1,426	112	194	366	243	11	372
3,596	9,423	43,192	43,727	(h)	(h)	5,993	5,240	14,819	12,256
94	78	91	86	..	..	80	80	52	59
3,485	11,404	32,648	35,050	34,812	17,996	4,136	3,651	18,393	13,691
1	36	1,078	536	884	766	473	238	2,799	1,886
9	38	155	107	132	107	88	75	298	120
+ 44	+ 320	+ 205	- 297	+ 367	- 316	+ 37	+ 41	- 363	- 52
174	812	4,931	5,075	4,101	2,779	1,028	868	5,755	2,819
- 10	+ 1	- 308	+ 75	- 238	+ 66	- 78	+ 7	- 110	- 275
143	349	2,993	2,841	1,884	1,472	295	335	595	1,213
- 17	+ 10	- 386	+ 569	- 686	+ 28	- 292	- 70	- 606	+ 123
93	127	3,506	2,970	2,288	2,101	979	798	2,208	1,086
447	1,156	21,972	17,964	17,853	10,137	4,791	3,474	12,536	7,677
411	1,037	19,690	16,172	15,887	9,064	4,202	3,163	10,752	6,567
36	119	2,272	1,758	1,458	1,031	581	305	1,641	1,008
168	558	8,399	9,174	6,391	4,471	1,424	1,296	3,088	2,562
34	110	1,777	1,679	1,053	955	406	249	900	692
409	538	427	567	249	493	339	410	287	390
940	927	782	955	793	926	699	817	548	686
..	31	..	472	..	256	..	77	..	168
..	11	..	209	..	74	..	30	..	77
-	2	100	92	53	42	12	20	11	48
..	-	..	+ 343(n)	..	-	..	-	..	-
19	+ 30(n)	653	3,273	474	+ 528(n)	68	186	81	162
-		66	84	121		6	3	6	4
2	*	56	98	36	38	12	*	30	51
1	*	30	40	14	22	5	*	15	14

Continued on next page

TABLE 2 (continued)

	Unit	Sub-divisions of the industry (c)		Total	
		Other manufactures of cotton including surgical and medical dressings 08		1958	1963
		1958	1963		
Number of enterprises (f)	No.	46	32	632	391
Number of establishments	"	64	50	926	606
Gross output	£'000	24,738	31,099	298,546	271,909
Net output	"	10,834	13,009	82,346	82,806
Net output per head	£	908	1,289	612	871
Sales and work done	£'000	24,027	30,087(g)	295,210	266,921(g)
{ goods produced and work done	"	996	1,186	4,130	5,800
{ merchanted goods and canteen takings	"	21,344	23,457	(h)	(h)
Sales of characteristic products	"	21,344	23,457	(h)	(h)
Index of specialisation (i)	Per cent.	89	78	94	90
Purchases	£'000	12,943	15,594	199,609	173,948
{ materials for processing and packaging, and fuel	"	1,066	1,066	5,164	5,164
{ goods for merchenting and canteen purchases	"	397	986	10,670	9,796
Payments to other organisations	"	380	481	1,666	1,423
{ for work done on materials given out	"				
{ for transport	"				
Stocks and work in progress					
Goods on hand for sale	"	- 105	- 166	+ 2,139	- 1,320
{ change during year	"	995	1,576	31,190	27,228
{ at end of year	"	- 180	- 9	- 2,933	+ 508
Work in progress	"	590	739	12,775	15,015
{ change during year	"	- 182	+ 36	- 4,256	+ 1,228
{ at end of year	"	1,895	2,520	19,856	17,371
Materials, stores and fuel	"	1,895	2,520	19,856	17,371
{ total, including working proprietors	No.	11,929	10,090	134,663	95,096
Average number employed	"	10,535	8,770	122,118	84,927
{ operatives	"	1,393	1,310	12,361	9,878
{ other employees (j)	"	3,985	4,126	46,629	42,706
Wages and salaries	£'000	1,009	1,069	8,986	8,922
{ of operatives	£	378	470	382	503
{ of other employees (j)	"	724	816	727	903
Wages and salaries per head	"	724	816	727	903
Employers' contributions to National Insurance (k)	£'000	..	242	..	2,353
Employers' contributions to private pension schemes, etc. (l)	"	..	135	..	857
Capital expenditure (m)					
New building work	"	203	430	710	992
Land and existing buildings	"	..	..	..	548
{ acquisitions	"	..	15(n)	..	250
{ disposals	"	..	..	..	..
Plant and machinery	"	420	1,629	3,775	8,969
{ acquisitions	"	31	182	420	556
{ disposals	"	87	256	395	695
Vehicles	"	44	60	185	239
{ acquisitions	"				
{ disposals	"				

For notes to this table - see page 77/8

TABLE 3 Analysis of larger firms by size of enterprise within the industry, 1963

(i) Output, employment, capital expenditure and stocks
Firms employing 25 or more persons: United Kingdom

Average number employed by the enterprise in the industry (a)	Enterprises	Establishments	Average number employed (a)	Gross output	Net output	Net output per head	Capital expenditure (b)	Total value of stocks and work in progress at end of year
	Number	Number	Number	£'000	£'000	£	£'000	£'000
25-49	68	70	2,501	6,204	1,949	779	97	1,389
50-99	91	100	6,594	16,632	5,093	772	481	3,559
100-199	111	136	15,598	37,369	11,632	746	1,009	8,798
200-299	44	60	10,604	26,446	7,454	703	592	5,871
300-399	31	64	10,669	34,305	10,687	1,002	774	7,308
400-499	10	26	4,398	13,466	3,927	893	447	3,034
500-749	11	29	6,954	23,136	5,370	772	603	4,446
750-999	10	32	8,540	26,464	7,374	863	770	5,864
1,000-1,499	6	22	7,102	24,203	7,059	994	642	5,783
1,500-2,499	5	41	10,145	27,682	9,317	918	920	6,731
2,500 and over	4	26	11,991	36,002	12,943	1,079	3,822	6,832
Total	391	606	95,096	271,909	82,806	871	10,158	59,613

(ii) Employees, wages and salaries, and employers' contributions

Firms employing 25 or more persons: United Kingdom

Average number employed by the enterprise in the industry (a)	Employees		Wages and salaries		Employers' contributions		Wages and salaries per head	
	Operatives	Others (c)	Operatives	Others (c)	National Insurance (d)	Private pension schemes, etc. (e)	Operatives	Others (c)
	Number	Number	£'000	£'000	£'000	£'000	£	£
25-49	2,167	291	1,003	244	61	14	463	837
50-99	5,915	608	2,783	592	159	32	471	973
100-199	14,048	1,478	6,484	1,362	370	85	462	921
200-299	9,495	1,071	4,473	884	257	76	471	826
300-399	9,545	1,101	4,775	1,040	262	89	500	945
400-499	3,983	402	2,109	373	108	39	530	928
500-749	6,194	759	3,103	654	176	67	501	862
750-999	7,617	921	3,801	855	214	91	499	928
1,000-1,499	6,198	876	3,369	723	189	65	544	825
1,500-2,499	9,159	986	5,105	970	249	104	557	984
2,500 and over	10,606	1,385	5,701	1,225	309	195	538	884
Total	84,927	9,878	42,706	8,922	2,353	857	503	903

(a) Including working proprietors.

(b) Acquisitions less disposals.

(c) Administrative, technical and clerical employees.

(d) Including both flat rate and graduated contributions.

(e) Including pensions and gratuities paid other than from pension funds. These amounted in total to £199,000.

TABLE 4 Percentage analysis of employees, by age and sex, all firms, 1963: United Kingdom (a)

Ages	Males	Females	All employees
	Per cent.	Per cent.	Per cent.
Under 18	2	4	6
18 and over	41	53	94
All ages	43	57	100

Source: Ministry of Labour

(a) The percentages relate to the numbers employed (excluding working proprietors) at mid-June, 1963.

Footnotes to Table 2.

(a) The data for 1958 and 1963 are not strictly comparable. An explanation is given in the third paragraph of the introduction to this report.

(b) The following information relates to small firms (employing fewer than 25 persons) in this industry. It includes an estimate for small firms not making satisfactory returns, which account for 3 per cent. of the employment shown for 1963 and 5 per cent. for 1958.

	1958	1963
Number of firms	179	151

Average number employed:

Working proprietors	} 2,439	{ 204
Other persons employed			1,723

(c) The method of classifying returns to sub-divisions of the industry is explained in the introduction to this report; the characteristic products of each sub-division are identified in Table 5.

(d) For 1958 a number of firms did not distinguish separately their sales of loom state cloth and sales of made-up household textiles: for 1963, such firms recorded their sales as made-up household textiles but remained classified to this industry although their sales were included in the report on the Household Textiles and Handkerchiefs Industry (Part 85). Sales of made-up household textiles are excluded from the sales of characteristic products and this can account in part for the drop in the index of specialisation within the sub-divisions of the industry.

(e) Sales of made-up household articles of linen and union cloth made by firms classified to this industry are excluded from the sales of characteristic products of the sub-divisions of the industry. Such sales are included in the report on the Household Textiles and Handkerchiefs Industry (Part 85).

(f) 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.

(g) Including services rendered to other organisations (amounts charged for hiring out plant, machinery and other goods, for providing transport, or for technical or other services rendered).

(h) Characteristic products relate only to specific sub-divisions of the industry.

(i) For sub-divisions of the industry, this is the ratio of sales of characteristic products to total sales of goods produced and work done. For the industry as a whole, this is the ratio of total sales of principal products by the industry to total sales of goods produced and work done.

(j) Administrative, technical and clerical employees.

(k) Including both flat rate and graduated contributions.

(l) Including pensions and gratuities paid other than from pension funds.

(m) Excluding expenditure for establishments not yet in production.

(n) Acquisitions less disposals.

TABLE 5 Sales of principal products of the industry by larger firms, including sales by establishments classified to other industries, 1958 and 1963 (a)

Firms employing 25 or more persons: United Kingdom

Industry sub-division (b)	1958		1963		Enterprises	Entries
	Quantity	Value	Quantity	Value		
02 Cotton (except finished cloth)	Th.sq.yds.	£'000	Th.sq.yds.	£'000	Number	Number
Woven cotton cloth in the loom state						
Woven from grey yarn						
Cloth for surgical dressings, gauze, bandages, scrim and the like (weighing not more than 2½ oz. per sq. yd.)	169,361	3,238	88,230	2,024	} 33	} 36
			..	398		
Tyre cord and tyre fabric	} 967,009	} 95,588	7,331	861	13	13
Other cloth woven from grey yarn			594,599	57,676	205	259
Unclassified	18,837	1,655	-	-		
Woven wholly or in part from bleached, dyed or other processed yarn	165,631	24,898	76,102	10,713	100	115
Woven from unclassified yarn	406	91	-	-		
	..	79				
Total woven cotton cloth in the loom state		125,550		71,672	..	..
08 Dryer felts of cotton, man-made fibres or mixtures other than mixtures containing wool, including asbestos cotton felts	987	1,792	619	1,919	5	5
	Th.cwt.		Th.cwt.			
08 Other felts except wool or wool mixture felts	70.0	463	44.9	316	*	*
08 Surgical and medical dressings, medicated or not, of cotton	Th.gross		Th.gross			
Bandages of all descriptions	314	924	602	1,581	} 16	} 18
	..	732	..	1,364		
	Th.cwt.		Th.cwt.			
Cotton wool	145	2,160	115	2,086	} 17	} 19
Cotton wool and gauze tissues	..	515	..	835		
	Th.lb.		..	1,946	8	9
Gauze in packets containing not more than 120 linear yards	2,095	1,207	..	..
	..	250	Th.cwt.			
Lints in packets not exceeding 2.2 lb. in weight	..	875	8.5	378	} 8	} 9
			..	145		
Other descriptions	..	1,583	..	2,376	8	8
08 Sanitary towels, other than terry, including maternity pads	Th.gross		Th.gross			
Cotton wool including tampons	2,115	2,093	..	3,398	6	7
Cellulose	2,571	2,039	3,112	2,292	8	9
Combined	5,536	5,300	6,191	5,948	7	8
	Th.cwt					
08 Cotton wadding	101	1,367	..	819	8	9
08 Cotton flock	..	(c)	Th.cwt.			
08 Manufactured cotton cleaning waste	218	972	137	555	7	7
08 Manufactures of cotton unclassified	..	631	..	84	*	*
Total manufactures of cotton other than loom state and finished cloth		22,904		26,041	..	..

Continued on next page

TABLE 5 (continued)

Industry sub-division (b)	1958		1963			
	Quantity	Value	Quantity	Value	Enter-prises	Entries
06 Linen (except finished cloth)	Th.sq.yds.	£'000	Th.sq.yds.	£'000	Number	Number
Woven cloth of flax or hemp in the loom state						
Sailcloth or canvas not under 12 oz. to the square yard	10,502	2,595	11,224	2,926	16	16
Towelling	12,037	1,502	6,828	1,228	24	24
Damask			6,076	1,522	16	16
Drills and other goods made on more than two leaves of heddles			323	55	8	8
Other linen and union goods	59,429	9,075				
Up to 13 ⁰⁰			39,189	6,136	38	41
13 ⁰⁰ and over			6,347	1,374	24	24
Total woven cloth of flax or hemp in the loom state		13,172		13,240	..	..
Man-made fibres (except finished cloth)						
Woven man-made fibre cloth (rayon, nylon, etc.) and glass fibre in the loom state						
03 Tyre cord and tyre fabric of man-made continuous filament yarn whether woven with a cotton weft or not	64,658	10,382	76,411	11,498	10	11
04 Woven cloth wholly of man-made continuous filament yarn other than tyre cord and fabric						
Synthetic (nylon, etc.) yarn predominant by weight	81,619	12,859	79,985	11,282	71	77
Other (rayon, etc.) yarn predominant by weight	152,431	16,565	196,931	20,121	100	113
Unclassified	3,014	352	-	-		
	..	121				
04 Woven cloth wholly of man-made spun yarn						
Synthetic (nylon, etc.) yarn predominant by weight	8,648	1,244	..	3,733	29	31
Other (rayon, etc.) yarn predominant by weight	194,677	18,132	100,190	12,154	85	107
04 Woven cloth of mixtures of man-made spun yarn with continuous filament yarn						
Synthetic (nylon, etc.) yarn predominant by weight	5,288	1,679	5,646	1,137	21	24
Other (rayon, etc.) yarn predominant by weight	35,713	4,429	32,727	4,609	59	71
04 Woven cloth of mixtures of man-made fibre yarn with cotton	9,358	2,866	66,752	12,478	106	127
	..	10,205				
04 Woven cloth of unclassified yarn	..	48	-	-		
04 Woven cloth of glass fibre	..	(c)	4,355	974	6	6
Total woven cloth of man-made fibres and mixtures in the loom state other than tyre cord and fabric		68,500		66,488	..	..

TABLE 5 (continued)

Industry sub-division (b)	1958		1963			
	Quantity	Value	Quantity	Value	Enter-prises	Entries
05 Silk	Th.sq.yds.	£'000	Th.sq.yds.	£'000	Number	Number
Woven silk cloth in the loom state						
Wholly of silk	1,388	650	1,461	741	16	16
	..	254				
Of silk mixed with other materials	..	87	182	250	6	6
01 Finished cloth (excluding foamback fabrics) (d)						
Woven cloth wholly of cotton						
Cloth for apparel						
Flannelette and winceyette	7,557	761	13,388	1,703	16	16
Shirting, other than flannelette	6,128	1,043	9,583	1,799	20	21
Dress, blouse and domestic overall cloth	5,664	961	12,520	2,036	23	23
Industrial overall cloths, drills, etc.	10,377	1,677	18,404	3,079	17	17
Rainwear cloth						
Gaberdine	1,280	478	1,492	713	7	7
Rubberised and oiled			-	-		
Linings and interlinings	10,890	1,038	9,261	951	20	20
Speciality export cloth, e.g. native types	1,740	158	870	100	*	*
Corset cloth						
Other woven cotton cloth for apparel	1,366	181	9,237	1,700	19	19
Cloth for handkerchiefs and household textiles						
Handkerchief cloth	1,700	130	3,673	389	21	21
Sheeting and pillow cloth	17,331	2,201	1,576	238	9	9
Ticking	13,561	2,183	6,641	1,545	24	25
Other woven cotton cloth for household textiles	..	(c)	..	576		
Cloth for surgical dressings, bandages, gauze, etc. (weighing not more than 2½ oz. per square yard) bleached or otherwise finished	..		24,341	439	8	9
			..	311		
Furnishing fabrics	7,071	1,115	18,182	3,633	35	37
Boot and shoe linings and fabrics	51,505	1,966	1,097	158	7	7
Other woven cotton cloth			16,065	2,249	34	37
Unclassified	541	95	-	-		
Total finished woven cloth wholly of cotton		13,986		21,618	..	..
06,07 Woven cloth of linen and union						
For apparel	16,743	3,941	14,390	3,640	14	14
For household textiles and handkerchiefs	9,109	1,852	4,175	936	22	22
For furnishings	..	2,275	4,447	926	13	13
For other uses	8,842	1,934	7,931	2,050	18	18
Total finished woven cloth of linen and union		10,002		7,552	..	..

Continued on next page

TABLE 5 (continued)

Industry sub-division (b)	1958		1963				
	Quantity	Value	Quantity	Value	Enter-prises	Entries	
01	Th. sq. yds.	£'000	Th. sq. yds.	£'000	Number	Number	
Finished cloth (excluding foamback fabrics) (continued)							
Woven cloth of man-made fibres other than glass fibre (rayon, nylon, etc.) or of man-made fibres mixed with materials other than silk							
Cloth for apparel							
Dress cloth including scarf, blouse and tie cloth	16,557	3,808	36,157	9,030	45	45	
Lingerie and nightwear cloth	4,694	1,098	3,245	676	13	13	
Rainwear cloth	324	84	1,189	312	12	12	
Linings	16,179	2,117	20,752	2,732	26	26	
Corset cloth	480	138	1,680	1,251	10	10	
Other woven cloth for apparel	4,391	1,107	5,430	1,930	25	26	
Unclassified	6,537	1,048	-	-			
Cloth for handkerchiefs and household textiles	..	(c)	1,477	392	9	9	
Furnishing fabrics	5,140	1,059	12,155	2,900	27	27	
Other woven cloth of man-made fibres other than glass fibre (rayon, nylon, etc.) or of man-made fibres mixed with materials other than silk	11,367	1,963(e)	{17,149 ..	{3,911 174	{37	{37	
Unclassified	2,751	449					
Total finished woven cloth of man-made fibres other than glass fibre or of man-made fibres mixed with materials other than silk		12,871		23,309	..	..
01		(c)	2,020	596	5	5	
01	Woven cloth of glass fibre						
01	Woven cloth of silk or of silk mixed with other materials	2,109 ..	968 172	838	796	10	10
01	Finished woven cloth of cotton, man-made fibres, linen and silk unclassified	2,251	1,072	977	307	13	13
	Foamback fabrics, (other than woollen or worsted or knitted or floor coverings)	..	(c)	243	120	5	5
06,07	Hose pipes and piping of canvas or of canvas mixed with other materials except rubber, whether reinforced with metal wire or not, including fittings	1,713	584(f)	1,596	591	5	5
	Other products	..	1,723	..	1,847	48	49
	Waste products						
	Cotton waste, other than cleaning waste	509	200	254
	Man-made fibres (rayon, nylon, etc.) waste	..	756	..	125	123	150
	Other waste products	121	86	100

TABLE 5 (continued)

Industry sub-division (b)	1958		1963				
	Quantity	Value	Quantity	Value	Enter-prises	Entries	
	Th. sq. yds.	£'000	Th. sq. yds.	£'000	Number	Number	
	Work done						
	Weaving						
02	Of cotton cloth	{14,755 ..	{317 144	{1,987 ..	{72 154	{38 39	
04	Of cloth of man-made fibres (rayon, nylon, etc.) or of man-made fibres (rayon, nylon, etc.) mixed with other materials except silk	7,075	249	7,453	349	26	27
	Other work done on commission, sub-contract work, etc.	..	564	..	267	39	41
	Total		284,906(d) (g)		248,263
	Sales in other industries (see Table 6)		8,173(d) (g)		7,729
	Principal products of this industry sold by establishments in the industry		276,734(d) (g)		240,534	391	496(h)

- (a) The data for 1958 and 1963 are not strictly comparable. An explanation is given in the third paragraph of the introduction to this report.
- (b) The number given is that of the sub-division of which the item is a characteristic product. The sales shown are the total sales by larger firms, not merely sales by establishments classified to the sub-division.
- (c) Not recorded separately in 1958.
- (d) For 1958, all sales of finished woven cloth of cotton and man-made fibres were included in the report on Textile Converting whether sold by manufacturing industry or by merchant converters. The 1958 figures now shown represent only the finished woven cloth sold by manufacturers. For total sales by both manufacturing industry and merchant converters for 1958 and 1963 see the supplement to this table.
- (e) Including cloth for handkerchiefs and household textiles for 1958.
- (f) Revised figure.
- (g) Sales of made-up household articles of linen and union cloth included in the 1958 report on this industry are now shown in the report for 1963 on Household Textiles and Handkerchiefs (Part 85). Sales by firms classified to this industry, however, are included in Table 7 of this report.
- (h) This figure represents the total number of returns made by larger firms in this industry, which is less than the total number of establishments in Table 2 on account of combined returns covering more than one establishment.

TABLE 5 SUPPLEMENT Sales of finished cloth and foamback fabrics by larger firms in the Census, including sales by establishments classified to other industries and by merchant converters in the United Kingdom, 1958 and 1963 (a)

	1958		1963	
	Quantity	Value	Quantity	Value
Finished cloth (excluding foamback fabrics)	Th.sq.yds.	£'000	Th.sq.yds.	£'000
Woven cloth wholly of cotton				
Cloth for apparel				
Flannelette and winceyette	76,222	8,406	55,830	6,810
Shirting, other than flannelette	98,966	16,108	95,403	15,011
Dress, blouse and domestic overall cloth	170,035	27,819	100,106	18,492
Industrial overall cloths, drills, etc.	79,566	12,141	64,659	9,930
Rainwear cloth				
Gaberdine	5,420	1,583	4,100	1,484
Rubberised and oiled	9,413	1,968	4,388	974
Two-fold rainwear poplins (b)	..	..	5,363	1,504
Other types (b)	..	..	381	66
Linings and interlinings	71,396	7,096	72,518	8,092
Corset cloth	7,519	1,213	8,016	1,251
Speciality export cloth, e.g. native types	106,421	11,316	41,066	4,672
Other woven cotton cloth for apparel	38,735	5,269	43,390	5,814
Cloth for handkerchiefs and household textiles				
Handkerchief cloth	4,530	519	3,257	324
Sheeting and pillow cloth	37,299	4,286	12,530	1,268
Ticking	3,747	513	14,481	1,695
Bed covering and quilt cloth			8,789	1,097(b)
Other woven cotton cloth for household textiles	30,737	4,723	9,372	1,958
			..	576
Cloth for surgical dressings, bandages, gauze, etc. (weighing not more than 2½ oz. per square yard) bleached or otherwise finished	..	(c)	24,341	439
			..	311
Furnishing fabrics	68,289	12,060	76,016	14,633
			..	515
Boot and shoe linings and fabrics	17,972	2,123	14,180	1,888
Other woven cotton cloth	126,204	10,505	79,772	10,732
Unclassified	911	123		
Total finished woven cloth wholly of cotton		127,771		109,536
Woven cloth of linen and union				
For apparel	16,743	3,941	15,173	3,834
For household textiles and handkerchiefs	9,109	1,852	5,350	1,024
For furnishings	..	2,275	5,334	1,159
For other uses	8,842	1,934	8,244	2,098
Total finished woven cloth of linen and union		10,002		8,115

TABLE 5 SUPPLEMENT (continued)

	1958		1963	
	Quantity	Value	Quantity	Value
Finished cloth (excluding foamback fabrics) (continued)	Th.sq.yds.	£'000	Th.sq.yds.	£'000
Woven cloth of man-made fibres other than glass fibre (rayon, nylon, etc.) or of man-made fibres mixed with materials other than silk				
Cloth for apparel				
Dress cloth including scarf, blouse and tie cloth	138,291	23,712	126,780	27,924
Lingerie and nightwear cloth	25,097	4,248	13,910	2,516
Rainwear cloth	4,245	934	6,647	1,757
Linings	92,423	11,310	111,166	14,745
Corset cloth	8,260	2,130	9,553	2,921
Other woven cloth for apparel	48,991	8,980	41,718	10,510
Unclassified	7,389	1,255	-	-
Cloth for handkerchiefs and household textiles	4,571	553	5,949	882
Furnishing fabrics	59,774	10,417	53,843	11,002
Other woven cloth of man-made fibres other than glass fibre (rayon, nylon, etc.) or of man-made fibres mixed with materials other than silk	35,246	6,468	36,210	7,824
			..	608
Unclassified	2,751	449		
Total finished woven cloth of man-made fibres other than glass fibre or of man-made fibres mixed with materials other than silk		70,456		80,691
Woven cloth of glass fibre	..	(c)	5,091	1,430
Woven cloth of silk or of silk mixed with other materials	2,109	968	1,528	1,198
	..	172		
Other and unclassified finished and knitted cloth	7,354	2,051	9,936	2,212
	..	290		
Foamback fabrics (other than woollen or worsted or knitted or floor coverings)(d)	..	(c)	5,504	451
Total		211,710		203,632

(a) For 1958, sales by merchant converters were collected in the 1958 Census of Production and included in the report on the Textile Converting industry: for 1963, sales by merchant converters were collected in the Inquiry into the Distributive and Service Trades. For both years the coverage relates to establishments delivering more than 500,000 sq. yds. of finished cloth during the year.

(b) So far as recorded separately.

(c) Not recorded separately for 1958.

(d) Sales of foamback fabrics in 1963 by larger establishments in scope of the Census and by merchant converters are shown below. Similar information was not recorded separately for 1958.

	1963	
	Quantity	Value
	Th.sq.yds.	£'000
Foamback woven cotton, linen and man-made fibre fabric	5,504	451
Foamback woven woollen or worsted fabrics	3,665	2,011
Foamback knitted fabrics	1,658	785
Total	10,827	3,247

TABLE 6 Sales of principal products of the industry by establishments classified to other industries, 1958 and 1963

Firms employing 25 or more persons: United Kingdom

	1958		1963			
	Quantity	Value	Quantity	Value	Entries	Principal industries in which produced (a)
		£'000		£'000	Number	
Dryer felts of cotton, man-made fibres or mixtures other than mixtures containing wool, including asbestos cotton felts			-	-		
Other felts except wool or wool mixture felts	..	335	..	127	5	78,85,89,120
Woven cotton cloth in the loom state						
Woven from grey yarn						
Woven wholly or in part from bleached, dyed or other processed yarn and unclassified yarn						
Cotton bandages of all descriptions and cotton wool	..	694(b)	..	373	5	28,84,89
Sanitary towels, other than terry, including maternity pads	..	834(c)	1,244	1,139	5	28,85,116
Manufactures of cotton unclassified, including cotton wadding	..		..	119	*	49,114,116
Woven man-made fibre cloth (rayon, nylon, etc.) and glass fibre in the loom state	Th. sq. yds.		Th. sq. yds.			
Woven cloth wholly of man-made continuous filament yarn other than tyre cord and fabric	{ 3,733 ..	{ 325 587				
Woven cloth wholly of man-made spun yarn			5,821	667	12	75,78
Woven cloth of mixtures of man-made fibre yarn with cotton	..	784				
Woven cloth of mixtures of man-made spun yarn with continuous filament yarn and of mixtures of man-made fibre yarn with cotton, unclassified	..	93				
Woven silk cloth in the loom state, wholly of silk						
Finished cloth (excluding foamback fabrics) (d)						
Woven cloth wholly of cotton	2,948	458	{ 5,417 ..	{ 1,010 179	{ 11	28,78,85
Woven cloth of linen and union						
For apparel	584	220(e)	2,215	812	6	78,85
For household textiles and handkerchiefs	2,611	449	3,210	724	8	85
For furnishings	5,014	1,521				
For other uses	..	182	{ 1,264	{ 261	{ 6	85
Woven cloth of man-made fibres other than glass fibre (rayon, nylon, etc.) or of man-made fibres mixed with materials other than silk	3,746	1,074	{ 4,163 ..	{ 1,287 174	{ 15	78,84,85
Woven cloth of glass fibre		(f)	816	218	*	85,104,124

TABLE 6 (continued)

	1958		1963			Principal industries in which produced (a)
	Quantity	Value	Quantity	Value	Entries	
Finished cloth (excluding foamback fabrics) (d) (continued)	Th. sq. yds.	£'000	Th. sq. yds.	£'000	Number	
Woven cloth of silk or of silk mixed with other materials	1,642	613				
Woven cloth of cotton, man-made fibres, linen and silk, unclassified	-	-				
Foamback fabrics, (other than woollen or worsted or knitted or floor coverings)	..	(f)	..	639	18	78,99,120,124
Hose pipes and piping of canvas or of canvas mixed with other materials except rubber, whether reinforced with metal wire or not, including fittings	-	-				
Work done on commission, etc.		4		-		
Total		8,173(d)		7,729	..	

- (a) The references given are to the list of industries shown at the back of this report.
(b) Including gauze tissues and other descriptions of surgical and medical dressings in 1958.
(c) Including manufactured cleaning waste in 1958.
(d) Sales of finished woven cloth by manufacturing industry were included in the Textile Converting industry report for 1958.
(e) Including some woven cloth of flax or hemp in the loom state in 1958.
(f) Not recorded separately in 1958.

TABLE 7 Sales of other than principal products by larger firms in the industry, 1958 and 1963 (a)

Firms employing 25 or more persons: United Kingdom

	1958		1963	
	Quantity	Value	Quantity	Value
		£'000	Th.lb.	£'000
Yarn of cotton, glass fibres and man-made fibres, including yarn (other than man-made continuous filament yarn) purchased and reeled, wound, etc.	..	3,473(b)	5,439	2,483
Flax yarn line and tow	..	208(c)	15.5	295
Woollen and worsted manufactures	..	1,711	..	550
Woven jute cloth	..	147	..	..
	Th.cwt.		14.8	209
Cordage, cables, ropes and lines of textile materials	2.7	61	..	..
Knitted, netted or crocheted goods	..	437	..	247
Narrow fabrics	..	57	..	..
Made-up household textiles of cotton (d)				
Hand and bath towels, including roller towels	Th.doz.		Th.doz.	
Terry	449	404	2,114	4,216
Non-terry	..	..	19	29
Tea towels, glass cloths and the like	96.3	86	197	175
Sheets	..	303	4,565	6,847
Pillow and bolster cases	108	288	246	494
Table cloths of all kinds, other than lace	177	514	40.0	160
Blankets, full size, single or double	-	-	..	943
Cleaning cloths, dusters and the like	..	185	..	567
Other made-up household textiles of cotton	..	..	..	307
Made-up household textiles of linen and union cloth				
Tea towels, glass cloths and the like	1,319	1,766	407	632
Sheets	17.1	289	6.2	118
Table linen	522	1,882	146	586
Hand and bath towels, including roller towels	..	1,223	99.4	239
Other made-up household goods of linen and union cloth	..	..	..	251
Made-up household textiles of man-made fibres, other than glass fibre (rayon, nylon, etc.) or of man-made fibres mixed with materials other than silk				
Table cloths of all kinds, other than lace	..	892	126	474
Bedspreads and other bed coverings other than quilts	0.8	12	..	252
Other made-up household textiles	..	231	..	..
Handkerchiefs of all materials and nursery squares, terry and muslin	1,702	891	..	471
Neckties, scarves and head squares, braces, suspenders, belts, etc.	..	214	..	242
Sacks and bags, and canvas or sailcloth goods of linen and soft hemp	..	75	..	..
Other products	..	2,528	..	2,648

TABLE 7 (continued)

	1958		1963	
	Quantity	Value	Quantity	Value
		£'000		£'000
Work done on commission, etc.				
Processing of yarn of cotton and man-made fibres (rayon, nylon, etc.) other than continuous filament yarn				
Doubling, twisting, etc.	..	57	..	2,105
Reeling, coning, pining, cheesing, beaming, sizing, etc.	Th.lb. 3,813	301	..	..
Processing of continuous filament yarn	..	37	Th.lb. 1,464	73
Textile fibres and woven fabrics, bleached, dyed, printed, etc.	..	(e)	Th.sq.yds. 17,739	270
Other work done	..	188	..	50
Services rendered to other organisations (f)	..	20	-	-
Total value of goods sold without having been subjected to any manufacturing process (merchanted or factored)	..	3,795	..	5,420
Canteen takings		336		381
Total		22,609(g)		32,187

(a) Sales of woven cloth included in this table in the report on this industry for 1958 are now included in Table 5 of this report.

(b) Including for 1958 an amount for thrown silk yarn and yarn of spun silk or of silk mixed with other materials.

(c) Including for 1958 an amount for finished linen thread.

(d) For 1958, a number of firms classified to this industry did not distinguish separately their sales of loom state cloth and made-up household textiles of cotton: such sales are included in Table 5 of this report and consequently sales of made-up household textiles of cotton are deficient.

(e) Not recorded separately in 1958.

(f) Amounts charged for hiring out plant, machinery or other goods, for providing transport, or for technical or other services rendered to other organisations.

(g) Excluding amounts charged for services rendered to other organisations.

TABLE 8 Production of certain principal products of the industry, all firms, including production by establishments classified to other industries, 1958 and 1963 (a)

	1958	1963
	Quantity	Quantity
Cotton cloth	Th.yds.	Th.yds.
Woven from grey yarn		
Tyre cord and fabric (b)	6,750	2,860
Canvas and duck, up to 12 oz. per sq. yd.	11,150	10,320
Canvas and duck, from 12 to 18 oz. per sq. yd. inclusive	11,670	7,750
Canvas and duck, over 18 oz. per sq. yd.	18,290	11,610
Cloth for surgical dressings, gauze, bandages, scrim and the like (weighing not more than 2 oz. per sq. yd.)	288,160	276,750
Cleaning and dish cloths	30,310	20,010
Terry towelling	26,100	26,270
Drills	82,250	36,600
Others (c)	767,760	477,670
Total cotton cloth woven from grey yarn	1,242,440	860,840
Woven wholly or in part from bleached, dyed, mercerised or printed yarn		
Terry towelling	40,730	33,100
Denim	10,950	17,380
Other coloured woven (d)	134,480	102,810
Total cotton cloth woven from bleached, dyed, etc. yarn	186,160	153,290
Total cotton cloth	1,428,600	1,014,130
Cloth woven wholly of man-made fibres		
Tyre cord and fabric (b) (e)		
Viscose	46,890	61,890
Other man-made fibres	1,480	7,240
Other fabrics wholly of continuous filament yarns		
Wholly of rayon (f)	158,980	201,010
Other man-made fibres including mixtures with rayon	69,260	76,350
Wholly of spun yarns (g)	198,510	112,390
Mixture of fabrics of continuous filament and spun yarns	39,630	32,310
Total cloth woven wholly of man-made fibres	514,750	491,190
Woven mixture cloth containing not less than 85 per cent. by weight of cotton and/or man-made fibres	86,260	69,140
Total	2,029,610	1,574,460

(a) The figures in this table are derived from returns made monthly to the Cotton Board, and differ in coverage and timing from those shown in the rest of this report. They include production by small firms. The 1958 figures relate to the 53 weeks ending 3rd January, 1959, and the 1963 figures to the 52 weeks ending 28th December, 1963. Some firms in Northern Ireland, for which figures were not available, are excluded.

(b) Returned in pounds and converted to linear yards on the basis 1 lb. = 1 yard.

(c) Including all recorded grey cloth output in Northern Ireland.

(d) Including all recorded coloured woven cloth output in Northern Ireland.

(e) Including fabric with cotton weft, but excluding output in Northern Ireland in 1958.

(f) Including all recorded continuous filament fabric output in Northern Ireland, except tyre fabric.

(g) Including cloth woven from long-staple (over 3 ins.) spun yarns in Northern Ireland but not in Great Britain.

TABLE 9 Purchases of selected principal products of the industry by larger firms, 1963 (a)

Firms employing 25 or more persons: United Kingdom

Standard Industrial Classification	Purchasing industry (b)	Woven piece goods (other than narrow fabrics) wholly or mainly of:-							
		Cotton		Synthetic fibres (nylon, etc.)		Other man-made fibres (rayon, etc.)		Other (linen, etc.) (c)	
		Quantity	Cost	Quantity	Cost	Quantity	Cost	Quantity	Cost
Minimum list heading		Th.sq. yds.	£'000	Th.sq. yds.	£'000	Th.sq. yds.	£'000	Th.sq. yds.	£'000
272(1)	Pharmaceutical preparations	10,123	248		(d)		(d)		(d)
		..	1,234						
383	Aircraft manufacturing and repairing		(d)		(d)		(d)	376	102
								..	35
413	Weaving of cotton, linen and man-made fibres	101,918	3,288	9,263	1,230	11,545	1,435	20,096	3,414
		..	132					..	254
421	Narrow fabrics	9,919	819		(d)	4,520	687		(d)
		..	330			..	106		
422(1)	Household textiles and handkerchiefs	78,896	8,301	4,302	880	13,565	1,875	21,611	4,152
		..	485	..	208	..	241	..	..
422(2)	Canvas goods and sacks	12,678	1,618		(d)		(d)	4,041	1,090
								..	28
432	Leather goods		(d)		(d)	1,998	515		(d)
						..	206		
441	Weatherproof outerwear	8,286	1,879	2,906	1,001	13,633	2,315		(d)
		..	235	..	279	..	..
442	Men's and boys' tailored outerwear	39,254	6,706	9,558	5,073	43,006	7,877	817	298
		..	586	..	..	..	..	..	..
443	Women's and girls' tailored outerwear	11,128	2,630	3,843	1,983	19,515	3,203		(d)
		..	354	..	447	..	824		
444	Overalls and men's shirts, underwear, etc.	158,059	24,304	8,657	1,894	4,008	636	395	109
		..	622	..	..	..	609	..	82
445	Dresses, lingerie, infants' wear, etc.	64,613	10,484	25,961	6,833	22,682	4,599	946	524
		..	32	..	..	..	..	..	..
446	Hats, caps and millinery		(d)		(d)	1,470	435		(d)
						..	85		
449(1),(3) and (4)	Corsets and miscellaneous dress industries	9,313	1,666	8,759	3,061	3,971	1,258	257	312
		..	..	..	887	..	66	..	377
450	Footwear	8,441	1,728	1,195	746	2,466	1,010	1,876	828
		..	923	..	199	..	202	..	112
472	Furniture and upholstery	8,545	2,392	669	561	3,084	1,193	1,413	227
		..	445	..	489	..	302	..	168
473	Bedding and soft furnishings	19,428	2,560		(d)	6,029	1,037		(d)
491	Rubber	65,751	9,678	22,090	5,338	49,266	7,541		(d)
		..	1,433	..	1,077	..	2,105		
492	Linoleum, leathercloth, etc.	68,652	5,624		(d)	4,381	605		(d)
496	Plastics moulding and fabricating		(d)	126	28		(d)		(d)
				..	453				
	Other industries	36,819	5,515	7,562	1,977	1,635	430	1,881	356
		..	791	..	766	..	352	..	54
	Total	711,821	89,440	104,890	30,604	206,774	36,652	53,708	11,412
		..	7,600	..	4,806	..	5,098	..	1,111

(a) The figures include purchases of imported as well as of home produced goods.

(b) Specified Census industries for which purchases are 1 per cent. or more of the total of any commodity heading.

(c) Including other and unclassified woven piece goods purchased by industries in which the nature of the material was not separately specified.

(d) Included in the total for 'Other industries'.

TABLE 10 Purchases by larger firms in the industry, 1954 and 1963
Firms employing 25 or more persons: United Kingdom

	1954		1963	
	Quantity	Cost £'000	Quantity	Cost £'000
Materials for processing				
Raw textile materials and waste				
Raw cotton	..	1,541	..	958
Cotton linters	..	612	..	592
Cotton waste	..	3,638	..	1,674
Flax and soft hemp in all forms (including tow and waste)	..	1,805	..	1,249
Man-made (rayon, nylon, etc.) staple fibre				
Synthetic (nylon, etc.)	..	556(a)	..	333
Other (rayon, etc.)	..	..	..	1,479
Raw silk	..	489	..	622
Silk waste and noils	..	4	..	..
Yarns				
Cotton yarns (other than waste yarn)	Th.lb.		Th.lb.	
Single	422,532	100,158	239,630	47,173
Doubled	101,251	28,678	49,399	11,809
Cotton waste yarn, doubled or not	62,251	10,790	62,957	9,095
Flax				
Line yarn	..	13,225	..	3,182
Tow yarn	..	..	..	4,988
Line and tow yarn of soft hemp including mixtures with flax	..	158	..	350
Jute yarn	..	358	..	..
Man-made fibres (rayon, nylon, etc.) continuous filament yarn				
Synthetic (nylon, etc.) yarn	6,703	4,814	32,701	17,282
Other (rayon, etc.) yarn	120,075	31,575	102,032	26,823
Man-made fibres (rayon, nylon, etc.) spun yarn, including spun yarn doubled with continuous filament yarn				
Synthetic (nylon, etc.) yarn	1,612	459	7,909	2,568
Other (rayon, etc.) yarn	75,667	16,543	50,687	10,792
Glass fibre yarn (including rovings)	..	(b)	..	780
Mixture yarns of cotton and man-made fibres (rayon, nylon, etc.)	..	1,069	..	3,652
Thrown silk	..	326	..	297
Spun silk yarn (including noil yarn)	..	158	..	41
Woollen and worsted and hair yarn (including mixtures)	..	1,179	..	758

TABLE 10 (continued)

	1954		1963	
	Quantity	Cost £'000	Quantity	Cost £'000
Materials for processing (continued)				
Woven piece goods (other than narrow fabrics), including goods purchased for further processing or for hemming and stitching, wholly or mainly of (c)				
Cotton				
For surgical dressings, gauze, bandages, scrim and the like (weighing not more than 2½ oz. per square yard) (d)				
In the grey	119,109	1,887	32,053	915
Bleached or otherwise finished	97,569	1,803	55,251	946
Other descriptions	5,908	618	14,613	1,427
Synthetic fibres (nylon, etc.)	..	96	9,263	1,230
Other man-made fibres (rayon, etc.)	1,186	136	11,545	1,435
Other (linen, etc.)	..	..	20,096	3,414
Cotton wool	..	309	..	497
Wood pulp	..	571	..	835
Cellulose wadding	..	343	..	138
Sizing materials	..	1,017	..	588
Lubricating oils and greases	..	..	197	54
Replacement parts for firms' own machinery, plant and vehicles, and accessories and consumable tools bought as replacement	..	..	..	21
Bobbins, cones, tubes, pirns, beams, etc., except paper tubes, etc., purchased for packaging (e)	..	360	..	381
Shuttles	..	384	..	385
Reeds and healds	..	1,054	..	584
Other	..	3,326	..	1,844
All other materials for processing	..	25,879	..	5,061
Packaging materials				
Paper and board				
Boxes, cartons, packing cases, and drums and canisters (with or without metal ends) of paper, cardboard and fibreboard	..	481	..	1,044
Wrapping paper (including paper coated with plastics and any laminates incorporating paper but not metal), moulded pulp units, labels and other packaging materials of paper, cardboard and fibreboard (except multiwall sacks)	..	595	..	774
All other packaging materials	..	583	..	290
Fuel and electricity (f)	Th.tons.		Th.tons	
Coal	625	2,493	268	1,553
Coke (including screenings) and manufactured fuel	16.0	70	4.2	31

Continued on next page

TABLE 10 (continued)

	1954		1963	
	Quantity	Cost	Quantity	Cost
	Th.gal.	£'000	Th.gal.	£'000
Fuel and electricity (f) (continued)				
Derv fuel and motor spirit for use in road vehicles	1,118	229	767	163
Other liquid fuels (including creosote/pitch mixtures, etc., and liquefied petroleum gases)	4,465	198	17,466	662
	Th.therms		Th.therms	
Gas	755	46	390	28
	..	31	..	9
	Th.kWh		Th.kWh	
Electricity	346,426	1,701	393,873	2,164
	..	189	..	593
Total cost of materials and fuel		262,535		173,948
Goods purchased for merchandising		..		4,784
Canteen purchases		..		380
Total cost of purchases		..		179,112

(a) Including 'waste' in 1954.

(b) Not recorded separately for 1954.

(c) Narrow fabrics were not excluded in 1954.

(d) Weight was restricted to 2 oz. per sq. yd. in 1954.

(e) Paper tubes, etc., purchased for packaging were not specifically excluded in 1954.

(f) The total quantity of electricity generated in firms' own establishments in this industry was 39,760 Th.kWh in 1954 and 30,278 Th.kWh in 1963.

TABLE 11 Transport costs and employment of larger firms, 1963

Firms employing 25 or more persons: United Kingdom

	Unit	1963
Average number employed mainly on transport	No.	414
Transport costs		
Wages and salaries	£'000	281
Derv fuel and motor spirit	"	163
Payments to other organisations for transport	"	1,423
Costs of operating road goods vehicles		
Insurance	"	39
Vehicle licences	"	25
Depreciation	"	147
Payments to other organisations for repairs and maintenance	"	83
Total	"	2,160

TABLE 12 Payments for certain services, etc. by larger firms, 1963 (a)

Firms employing 25 or more persons:
United Kingdom

	Amounts payable
	£'000
Repairs and maintenance to	
Buildings	426
Road goods vehicles	83
Plant, machinery, and other capital equipment	1,237
Insurance, licensing and depreciation of road goods vehicles (b)	210
Rates, excluding water rates	1,045
Hire of plant and machinery	60
Postage, telephone, telegrams and cables	431
Total	3,494

(a) No deduction is made for these payments to arrive at the figures of net output given in this report.

(b) For details see Table 11.

TABLE 13 Percentage analysis of twelve-month periods covered by returns from larger firms, 1963

Firms employing 25 or more persons:
United Kingdom

Year ended	Percentage of total number employed	Year ended	Percentage of total number employed
1963	Per cent.	1963 (contd.)	Per cent.
April (a)	14.9	November	6.6
May	1.3	December	23.6
June	4.7	1964	
July	1.7	January	8.0
August	0.4	February	5.5
September	5.4	March	20.8
October	7.3	Total	100

(a) Including returns made for twelve-month periods ended 1st to 5th April, 1964.

TABLE 14 Sales of all parts of machinery and plant by larger firms, including sales by establishments classified to other industries, 1958 and 1963

This table is not applicable to this industry.

Capital Expenditure (continued)

(ii) Land and existing buildings.

The items shown are the capital cost of freeholds purchased and the capital cost or premium payable for leaseholds acquired (excluding the value of any assets acquired in taking over an existing business), and the amounts receivable for any freeholds or leaseholds disposed of. The value is that charged to capital account during the year of return.

(iii) Plant, machinery and vehicles.

The items shown are the value of plant and machinery and of vehicles acquired, both new and second-hand, and the amount received for items disposed of during the year. The value of plant and machinery acquired includes plant, etc. which firms produced for their own use in connection with the business covered by the return. The value of plant, etc. acquired is the expenditure charged to capital account during the year of return less any discounts received, but including the cost of transport and installation. No deduction is made for depreciation, amortisation or obsolescence. The proceeds of items disposed of during the year exclude amounts written off for items scrapped.

Capital expenditure during the year in respect of manufacturing establishments where production had not started before the end of the year is excluded in this report for both 1958 and 1963.

Characteristic Products

The characteristic products of a sub-division are those in terms of which the sub-division is defined. They are products commonly associated in production and are usually similar in nature or manner of production. In most cases the characteristic products of each sub-division are indicated in Table 5 of the industry reports. For those industries for which an analysis by sub-divisions has been made, Table 2 shows the total sales of such characteristic products for each sub-division. The totals include, besides the products which define the sub-division, other items of output assumed to be closely related to them, e.g. waste products and work done.

Enterprise

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

Entries

The number of entries shown in Tables 5, 6 and 8 against a particular output or production heading is the number of returns on which figures were recorded for that item.

Establishment

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 firms were asked to exclude from all sections of their returns particulars relating to any department not engaged in production for which they kept a separate set of accounts. Where separate accounts were not kept, they were asked to include 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 are carried on at the same address as the works. Building and engineering maintenance departments and selling and transport departments were treated similarly.

Gross Output

The gross output of an industry is the aggregate value of goods made and other work done during the year by the establishments classified to the industry. It is derived by subtracting from the value of sales and work done, the value of stocks of goods on hand for sale and work in progress at the beginning of the year and adding the value at the end of the year.

Larger Firms

These are firms in which twenty-five or more persons were employed on the average during the year.

Net Output

The net output of an industry represents the value added to materials by the process of production. It includes the gross margin on any merchanted or factored goods sold; it constitutes the fund from which wages, salaries, insurance, pensions, hire of plant and machinery, payments for repairs and maintenance, costs of operating road vehicles, 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 has been obtained by deducting from the gross output the cost of purchases adjusted for stock changes, payments for work given out to other firms, and payments for transport.

Normally any customs or excise duty on materials purchased is included in the cost of materials. Similarly, finished goods sold have been valued as they were sold, duty paid or duty free. The amounts of duty, subsidies, allowances and levies receivable or payable, where of substantial importance in the industry, were required to be stated separately, and these items were taken into account when calculating net output.

Net output per person employed

The figures for net output per person employed are derived by dividing the net output by the average number of persons employed (full-time and part-time) on all activities covered by the returns, including operatives, administrative, technical and clerical employees and working proprietors, but excluding outworkers.

Principal Products

The principal products of an industry are those in terms of which the industry is defined. They are products commonly associated in production, and are usually similar in nature or manner of production.

Production

This means the total quantity of a product made during the year, whether sold in the year, added to stock, transferred to another department of the same firm, or used in the manufacture of other products within the business covered by the return. It includes goods produced from materials supplied by other firms.

Purchases

Purchases include the cost of materials and components bought for use in production; of fuel and electricity for all purposes; of packing materials, including the full cost of returnable cases and containers when first purchased; of workshop materials, office materials and materials for repairs to firms' own buildings, plant and vehicles when carried out by their own workpeople included in the return; of consumable tools; and of parts for machinery purchased during the year as replacements. Water charges are also included. In general purchases of goods for merchanting or factoring and canteen supplies are included. Materials supplied by customers for processing are excluded.

The values shown include any duty paid (less rebate, etc.) but exclude trade discounts allowed. The cost of transport is 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 are included at their c.i.f. cost plus any duty payable if the cost of transport from the docks was not included in the invoiced price, but at their full delivered cost if invoiced 'carriage paid home'. Materials and fuel transferred from another department of the firm not covered by the same return are included at the estimated selling value recorded by the other department.

Sales

Sales are in respect of goods made by the business covered by the return, goods 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. Any machinery or other capital items produced for use in the business covered by the return are included, the value being that adopted in the firm's capital asset account. Goods sold without being subjected to any manufacturing process (merchanted or factored) and canteen takings are included as in 1958.

The value shown for sales is the net selling 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.

Where goods produced in one department were transferred to another department of the same firm not covered by the return, these transfers were treated as sales by the producing department and valued as far as possible as if they had been sold to an independent purchaser. Goods transferred to wholesale or retail selling organisations for which separate accounts were kept were valued on the same basis. Estimations of a similar kind were also sometimes necessary in valuing transfers between different firms belonging to the same enterprise. To the extent that the sales of finished products of one establishment may constitute the materials purchased by another, total figures of the value of sales (and of materials and fuel purchased) include an element of duplication.

Services rendered

This represents the amounts charged for hiring out plant, machinery and other goods, providing transport, or for any technical or other

services rendered to other organisations. It includes amounts credited for similar services rendered to other departments of the same firm not covered by the return.

Small Firms

These are firms in which fewer than twenty-five persons were employed on the average during the year.

Stocks and Work in Progress

Values are given of stocks of goods on hand for sale, and of materials and fuel, at the beginning and end of the year of return, including any stocks of goods held for merchanting or factoring. The values include duty in the case of dutiable goods held out of bond. The value of work in progress at the two dates is also usually shown. This excludes any progress payments made to sub-contractors, 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, i.e. 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; in Northern Ireland this exclusion extends also to payments to directors of limited companies. 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. and employers' contributions to National Insurance and pension schemes is excluded.

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.

Symbols used

The following symbols are used throughout the report:

- .. Not available
- Nil or negligible (less than half the final digit shown)
- * Figures cannot be shown owing to the risk of disclosing information about individual enterprises.

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.

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