



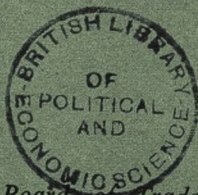
BOARD OF TRADE

THE REPORT
on the
CENSUS OF PRODUCTION
FOR 1951

Volume 6

Trade L

NARROW FABRICS



*Presented by the Board of Trade to Parliament
in pursuance of the Statistics of Trade Act, 1947
(10 & 11 Geo. 6, Ch. 39, Sec. 7).*

LONDON: HER MAJESTY'S STATIONERY OFFICE

1955

TWO SHILLINGS NET

42
[HA 251]

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* Not applicable to this trade

NARROW FABRICS TRADE

THIS REPORT on the Narrow Fabrics Trade relates to establishments engaged wholly or mainly in the manufacture of braids, webs, ribbons, trimmings and tapes (including those containing elastic), and in the manufacture of woven machinery belting.

Firms mainly engaged in making upholstery trimmings were not covered in 1937; in 1935 returns were received from 16 such firms whose net output was about 6 per cent. of the total for all firms.

This trade corresponds to minimum list heading 121 in the Standard Industrial Classification.

IMPORTANT NOTES and definitions appear on the inside of the back cover of this report. In interpreting the data in the following tables, it is essential to bear these in mind.

TEXTILES
NARROW FABRICS TRADE
Summary
Larger establishments (a)

TABLE 1

	United Kingdom			Great Britain		United Kingdom	
	1951	1950	1949	1949(b)	1948	1937	1935
	£'000	£'000	£'000	£'000	£'000	£'000	£'000
Gross output (production) (c)	29,254	21,861	18,443	..	18,042	5,718	5,363
Cost of materials and fuel used (d)	17,083	12,122	9,811	..	9,108	2,841	2,596
Payment for work done on materials given out	738	680	582	..	581	92	74
Transport payments (e)	158	..	..	..	..	..	..
Net output	11,275	9,059	8,050	..	8,354	2,785	2,693
Wages and salaries of persons employed	5,345	4,655	4,241	..	4,067	..	..
Average number of persons employed (f)	No. 19,741	No. 18,928	No. 18,303	..	No. 18,153	No. 17,884	No. 17,680
Net output per person employed (f)	£ 571	£ 479	£ 440	..	£ 460	£ 156	£ 152
	£'000	£'000	£'000	£'000	£'000	£'000	£'000
Stocks at end of year							
Products on hand for sale and work in progress	2,855	2,008	1,716	..	1,530	..	..
Materials and fuel	4,016	3,045	2,409	..	2,235	..	..
Number of establishments	No. 208	No. 207	No. 208	..	No. 209	No. ..	No. 184

The values of gross output and of materials and fuel used are derived in the following way:-

	£'000	£'000	£'000	£'000	£'000	£'000	£'000
Output of firms in this trade (g)							
Principal products (h)	27,153	21,730	18,463	..	16,834	5,295	4,976
Other output (i)	1,306						
Changes in stocks and work in progress (j)	+ 795	+ 217	+ 49	..	+ 471		
	29,254	21,947	18,512	..	18,113	5,718	5,363
Less payment for transport outwards (e)	..	86	69	..	71		
Gross output (production)	29,254	21,861	18,443	..	18,042	5,718	5,363
Materials and fuel used by firms in this trade							
Purchases	18,108	12,720	9,974	..	9,533	2,841	2,596
Changes in stocks (j)	- 1,025	- 597	- 163	..	- 425		
Materials and fuel used	17,083	12,122	9,811	..	9,108	2,841	2,596

(a) For small firms' summary see Table 2.

(b) Owing to the risk of disclosure of information relating to individual firms in Northern Ireland separate particulars for Great Britain cannot be given.

(c) Gross output for 1951 includes payments to other firms and undertakings and to firms' own separate transport organisations for transport services. For other years payments for transport services outwards on finished goods sold are excluded.

(d) Amounts paid for delivery services are excluded for 1951 but included for other years.

(e) Payments to other firms and undertakings and to firms' own separate transport organisations. For 1951 they cover payments for transport of both goods sold and materials and fuel purchased. For other years payments cover only transport outwards of finished goods sold.

(f) Excluding outworkers but including working proprietors. For an estimate of the total number of persons employed in this trade see Table 3.

(g) Total value of sales (1951, 1950, 1949 and 1948) or production for sale (1937 and 1935).

(h) For details for 1951 and 1948 see Table 8.

(i) For details for 1951 and 1948 see Table 10.

(j) For details for 1951 see Table 21.

TABLE 2

Summary: Small firms (a)

	Great Britain		United Kingdom	Great Britain	
	1951	1950	1949	1949	1948
Number of returns	59	52	50	49	49
Average number of persons employed (b)					
Males	106	105	106	105	107
Females	254	232	230	227	218
Total	360	337	336	332	325

(a) Small firms (employing on the average ten or fewer persons) that made satisfactory returns. No information about small firms was collected in Northern Ireland for 1951 or 1950.

(b) Including working proprietors.

TABLE 3

Estimated average employment (a): All firms

	United Kingdom			Great Britain		Number
	1951	1950	1949	1949	1948	
As returned by firms						
Employing on the average more than ten persons (b)	19,741	18,928	18,303	(c)	18,153	
Employing on the average ten or fewer persons (d)	360(e)	337(e)	306	332	325	
Estimated average employment in firms not making satisfactory returns	20,101	19,265	18,639	(c)	18,478	
	12	19	63	63	-	
Estimated average employment in all firms	20,113(e)	19,284(e)	18,702	(c)	18,478	

(a) Including working proprietors.

(b) See Tables 13(iv) and 14.

(c) Owing to the risk of disclosure of information relating to individual firms in Northern Ireland, separate particulars for Great Britain cannot be given.

(d) See Table 2.

(e) Excluding any small firms in Northern Ireland.

Analysis by size, 1951

Larger establishments in the United Kingdom

TABLE 4

Average number employed	Establishments	Gross output	Net output	Persons employed	Remuneration			Net output per person employed
					Operatives	Other employees (a)	Total	
11 - 24	No. 45	£'000 1,235	£'000 388	No. 771	£'000 145	£'000 55	£'000 199	£ 503
25 - 49	51	3,752	1,180	1,948	362	142	504	606
50 - 99	50	4,620	1,733	3,492	688	188	876	496
100 - 199	37	8,542	3,154	5,331	1,107	325	1,432	592
200 - 299	14	4,135	1,795	3,409	679	228	907	526
300 - 399	5	2,578	1,165	1,767	384	139	522	660
400 - 499	3	2,317	958	1,408	305	166	472	680
500 - 749	3	2,075	902	1,615	317	115	432	558
Total	208	29,254	11,275	19,741	3,986	1,359	5,345	571

(a) Administrative, technical and clerical employees.

Analysis by standard region, 1951

Larger establishments in the United Kingdom

TABLE 5

Region	Estab-lish-ments	Gross output	Net output		Persons employed	Remuneration			Net output per person employed
			Value	Percent- age of total		Operatives	Other employees (a)	Total	
	No.	£'000	£'000		No.	£'000	£'000	£'000	£
England, Wales and Northern Ireland									
East and West Ridings	13	1,854	461	4.1	827	154	74	228	557
North Midland	70	13,070	4,986	44.2	8,392	1,718	629	2,347	594
Eastern	5	470	176	1.6	281	59	16	75	626
London and South Eastern	20	1,291	479	4.2	852	178	64	242	562
South Western	7	1,265	525	4.7	660	159	40	200	796
Midland	31	4,027	1,981	17.6	4,190	777	267	1,043	473
North Western	49	5,188	1,985	17.6	3,539	740	210	950	561
Northern; Southern; Wales; and Northern Ireland	6	787	247	2.2	384	72	22	94	643
Total England, Wales and Northern Ireland	201	27,953	10,840	96.2	19,125	3,857	1,322	5,179	567
Scotland	7	1,302	435	3.9	616	129	38	166	706
United Kingdom	208	29,254	11,275	100.0	19,741	3,986	1,359	5,345	571

(a) Administrative, technical and clerical employees.

Analysis according to specialisation within the trade, 1951

Larger establishments in the United Kingdom

TABLE 6

	Estab-lish-ments	Gross output	Sales of charac-teristic products	Net output	Persons employed	Remuneration			Net output per person employed
						Operatives	Other employees (a)	Total	
	No.	£'000	£'000	£'000	No.	£'000	£'000	£'000	£
Specialist producers of									
Elastic goods	39	8,838	7,430	3,418	5,619	1,208	372	1,580	608
Solid woven machinery belting	11	1,906	1,682	543	877	188	72	260	619
Tapes and webs	48	6,887	6,250	2,523	4,179	839	195	1,034	604
Ribbons, petershams, galloons and bindings, except bias bindings	24	2,339	1,782	1,109	2,202	426	137	563	504
Bias bindings	13	1,484	1,392	381	436	79	45	124	874
Non-elastic braids	19	1,116	1,008	427	820	155	72	227	520
Trimmings and fringes	13	814	741	368	813	159	44	202	452
Remainder of the trade	41	5,871		2,506	4,795	932	424	1,356	523
Total	208	29,254		11,275	19,741	3,986	1,359	5,345	571

(a) Administrative, technical and clerical employees.

Total make of intermediate products

Larger establishments

TABLE 7

	Returned in this trade (a)		
	United Kingdom 1951		Great Britain 1948
	Quantity	Entries	Quantity
	Th.gross lin.yds.	No.	Th.gross lin.yds.
Woven elastic webs			
Up to 2 inches wide	645	18	544
Over 2 inches wide (b)	77	16	56

(a) Particulars of any elastic webs made by establishments classified to other trades were not recorded.

(b) On a 6 inch width basis.

Sales of the principal products of the trade, including sales of these products by establishments classified to other trades

Larger establishments

TABLE 8

	United Kingdom 1951			Great Britain 1948	
	Quantity	Value	Entries	Quantity	Value
	Th.lbs.	£'000	No.	Th.lbs.	£'000
Elastic goods					
Covered rubber thread (a)	2,690	2,437	5	1,440	601
				..	361
	Th.gross lin.yds.			Th.gross lin.yds.	
Braid elastics (flat or round)	2,127	1,469	24	2,077	1,115
Woven elastic webs					
Up to 2 inches wide	550	2,431	19	480	1,611
Over 2 inches wide (b)	58	1,443	16	38	618
Knitted elastic webs (b)	12	352	9	12(c)	307
	..	65			
	Th.doz.			Th.doz.	
Roll-on blanks	161	525	..	125	306
Other elastic goods, except surgical hosiery and clothing (d)	..	465	15	..	186
Elastic cords, braids, webs, and fabrics, unclassified	..	121	..	-	-
Non-elastic goods	Th.cwts.			Th.cwts.	
Solid woven machinery belting (including conveyor and elevator bands and spindle tapes)					
Of cotton	22.9	1,421	22	16.1	562
				..	220
Of hair, or of hair mixed with cotton	19.8	1,391	9	24.3	992(e)
Of other materials	1.6	167	7	..	136
Tapes and webs	Th.gross lin.yds.				
Of cotton					
Tapes and light webs (up to 5lbs. per gross yards in 1 inch width)	23,160	4,465	56	..	2,944(f)
	..	525			
Heavy webs (over 5lbs. per gross yards in 1 inch width)	24.5	1,353	24		
Of other materials, except asbestos (g)	Th.gross lin.yds.				
Tapes and light webs (up to 5lbs. per gross yards in 1 inch width)	5,918	576	29		
Heavy webs (over 5lbs. per gross yards in 1 inch width)	10.2	350	11		498(f)

TABLE 8 (contd.)

	United Kingdom 1951			Great Britain 1948	
	Quantity	Value	Entries	Quantity	Value
Non-elastic goods (contd.)	Th.gross lin.yds.	£'000	No.	Th.gross lin.yds.	£'000
Ribbons (excluding petershams) of silk or of silk mixed with other materials	138	184	14	63	74
Other ribbons, petershams, galloons and bindings, except bias bindings					
Of rayon, nylon, etc.	1,363	1,302	35	946	712
Of rayon, nylon, etc. mixed with other materials except silk	766	887	34	783	884
Of cotton	219	193	30	492	375
Of other materials	57	54	9	8 ..	13 15
Bias bindings	2,828	1,696	20	..	856(h)
Woven labels	118	599	14	96	393
Non-elastic braids (g)	Th.gross of single laces			Th.gross of single laces	
Boot, shoe, corset and similar laces, finished or not	1,488	904	40	1,897 ..	808 76
Other non-elastic braids, except wicks, trimmings and fringes	..	1,059	35	..	731
Wicks	Th.cwts. 6.9	313	10	Th.cwts. 7.4	237
Trimmings and fringes	..	1,046(i)	27	..	1,411
Other textile smallwares	..	2,539	91	..	2,105
Waste products	..	33	93	..	15
Work done for the trade or on commission (j)	..	217	33	..	88
Total		30,583	..		19,251
Sales in other trades (see Table 9)		3,430	..		2,417
Principal products of this trade sold by establishments in the trade		27,153	186		16,834

- (a) So far as recorded separately, and including some goods returned under other headings, but believed to be covered rubber thread.
 (b) On a 6 inch width basis.
 (c) Corrected figure.
 (d) For surgical hosiery see the Scientific, Surgical and Photographic Instruments, etc. Trade (Volume 5, Trade H), and for Clothing, the Tailoring, Dressmaking, etc. Trade (Volume 7, Trade H).
 (e) May include some cotton belting.
 (f) Recorded as:-

	Th.gross lin.yds.	£'000
Tapes and webs		
Of cotton		
Tapes and light webs (up to 3½ lbs. per gross yards in 1 inch width)	6,961	2,326
Heavy webs (over 3½ lbs. per gross yards in 1 inch width)	15.0 ..	558 60
Of other materials, except asbestos	Th.gross lin.yds.	
Tapes and light webs (up to 3½ lbs. per gross yards in 1 inch width)	402 ..	222 25
Heavy webs (over 3½ lbs. per gross yards in 1 inch width)	11.2	251

- (g) For asbestos webbing, listing and braiding see the Asbestos Trade (Volume 7, Trade A).
 (h) So far as recorded separately.
 (i) Excluding upholstery trimmings made from purchased fabric by establishments classified to the Soft Furnishings Trade (Volume 10, Trade C).
 (j) Amount charged.

Sales of principal products of the trade by establishments
classified to other trades

Larger establishments

TABLE 9

	United Kingdom 1951			Great Britain 1948	
	Quantity	Value	Entries	Quantity	Value
Elastic goods		£'000	No.		£'000
All types of elastic goods, except roll-on blanks, surgical hosiery and clothing	..	1,391	9	..	545
Non-elastic goods	Th.cwts.			Th.cwts.	
Solid woven machinery belting (including conveyor and elevator bands and spindle tapes)					
Of cotton	10.0	623	6	6.4 ..	254 6
Of other materials, including hair or hair mixed with cotton	5.6	448	..	6.2 ..	291 115
Heavy and light webs and tapes of cotton and other materials, except asbestos	..	285	..	..	172
Ribbons, petershams, galloons, bindings (including bias bindings) and woven labels	Th.gross lin.yds. 84	64	5	..	60
Non-elastic braids	Th.gross of single laces			Th.gross of single laces	
Boot, shoe, corset and similar laces, finished or not	48	29	13	81 ..	39 46
Other braids, except wicks, trimmings and fringes	..	163	6	..	63
Wicks, trimmings and fringes	..	66	..	..	450
Other textile smallwares	..	361	53	..	372
Work done for the trade	..	-	-	..	1(a)
Total		3,430	..		2,417

(a) Amount charged.

Sales in the trade of other than principal products

Larger establishments

TABLE 10

	United Kingdom 1951		Great Britain 1948	
	Quantity	Value	Quantity	Value
Braces, suspenders, belts, etc. (other than corset belts)	Th. doz. 303	£'000 153	Th. doz. 501	£'000 239
Manufactures of cotton, other than narrow fabrics	..	37	..	69
Manufactures of rayon, nylon, etc. and silk, other than narrow fabrics	..	224	..	500
Other goods	..	115	..	500
Total	..	777	..	500
		1,306		808

Production, exports and imports of certain principal products (a)

TABLE 11

		Production (b)(c)	Exports (d)	Retained imports (e)
		Th.lbs.	Th.lbs.	Th.lbs.
Elastic goods				
Covered rubber thread	1951	2,690	608	..
		Th.gross lin.yds.	Th.gross.lin.yds.	
Braid elastics (flat or round)	1951	2,127	272	..
		£'000	£'000	£'000
Elastic webs	1951	4,292	1,566	..
Total	{ 1951	8,319	2,425	111
	{ 1948	4,613	937	41
	{ 1937	1,418	193	101
Non-elastic goods		Th.cwts.	Th.cwts.	Th.cwts.
Solid woven machinery belting (including conveyor and elevator bands and spindle tapes) of cotton	{ 1951	22.9	3.0(f)	..
	{ 1948	..	6.2(f)	..
		£'000	£'000	£'000
Tapes, webs, ribbons, petershams, galloons, woven labels and bindings, of cotton	1951	8,831(g)	1,952	..
Ribbons (excluding petershams) of silk or of silk mixed with other materials	{ 1951	184	4	..
	{ 1948	74	30	24
	{ 1937	149	10	100
		Th. gross of single laces	Th. gross of single laces	Th. gross of single laces
Boot, shoe, corset and similar laces, finished or not, other than of leather	{ 1951	1,488	167	48
	{ 1948	2,077(h)	174	39
	{ 1937	1,905	47	147

(a) Figures of production (or sales) refer only to larger establishments in the United Kingdom (1951 and 1937) or Great Britain (1948). All recorded exports from and imports into the United Kingdom are given in the table. The figures, therefore, are not strictly comparable.

(b) Sales in 1951 and 1948, and production for sale in 1937.

(c) Including production (or sales) by establishments classified to other trades.

(d) Valued f.o.b.

(e) Valued c.i.f.

(f) Solid woven machinery belting of cotton, unrubberised.

(g) Including bias binding and woven labels other than of cotton.

(h) Partly estimated.

Usage of certain specified purchased materials, 1951

Larger establishments in the United Kingdom

TABLE 12

Materials used	Quantity
	Th.lbs.
Cotton yarn	22,000
Continuous filament yarn of rayon, nylon, etc.	6,425
Spun yarn of rayon, nylon, etc.	1,359

TABLE 13

Employment in September
Larger establishments (a)

	United Kingdom			Great Britain		United Kingdom	
	1951(b)	1950(b)	1949(b)	1949(c)	1948(d)	1937(d)	1935(d)
Males							
Under 18	352	335	343	..	373	653	637
All ages	4,777	4,354	4,234	..	4,116	3,811	3,880
Females							
Under 18	1,551	1,546	1,582	..	1,811	3,972	3,501
All ages	12,826	12,402	11,978	..	11,855	12,516	12,305
Total							
Under 18	1,903	1,881	1,925	..	2,184	4,625	4,138
All ages	17,603	16,756	16,212	..	15,971	16,327	16,185

(ii) Administrative, technical and clerical employees (e)

	United Kingdom			Great Britain		United Kingdom	
	1951	1950	1949	1949(c)	1948	1937	1935
Males							
Under 18	33	31	23	..	14	52	46
All ages	1,409	1,357	1,272	..	1,254	951	912
Females							
Under 18	188	166	178	..	170	160	121
All ages	1,037	962	927	..	891	606	583
Total							
Under 18	221	197	201	..	184	212	167
All ages	2,446(f)	2,319(f)	2,199(f)	..	2,145(f)	1,557	1,495

(iii) Total employees

	United Kingdom			Great Britain		United Kingdom	
	1951	1950	1949	1949(c)	1948	1937	1935
Males							
Under 18	385	366	366	..	387	705	683
All ages	6,186	5,711	5,506	..	5,370	4,762	4,792
Females							
Under 18	1,739	1,712	1,760	..	1,981	4,132	3,622
All ages	13,863	13,364	12,905	..	12,746	13,122	12,888
Total							
Under 18	2,124	2,078	2,126	..	2,368	4,837	4,305
All ages	20,049(f)	19,075(f)	18,411(f)	..	18,116(f)	17,884	17,680

(a) Excluded employees. The following persons were employed at the larger establishments in this trade in 1951 but are not included in the above tables or in any other Census of Production report (employees in Great Britain engaged, for example, in merchandising and in Northern Ireland canteen and welfare workers):-

Canteen workers 5 Males 205 Females
Other workers 63 Males 33 Females

(b) In week ended September 22, 1951, September 30, 1950, and September 24, 1949.

(c) Owing to the risk of disclosure of information relating to individual firms in Northern Ireland separate particulars for Great Britain cannot be given.

(d) Average for the year.

(e) In week ended September 22, 1951, September 30, 1950, September 24, 1949, September 25, 1948, October 16, 1937, and October 12, 1935.

(f) Working proprietors. In addition working proprietors shown in Table 13(iv) below, were engaged in this trade in larger establishments. The 1937 and 1935 figures include working proprietors.

(iv) Working proprietors

	United Kingdom			Great Britain	
	1951	1950	1949	1949	1948
Males	27	29	31	..	36
Females	1	1	1	..	1
Total	28	30	32	..	37

Average employment
Larger establishments (a)

	Number						
	United Kingdom			Great Britain		United Kingdom	
	1951	1950	1949	1949 (b)	1948	1937	1935
Operatives	17,294	16,629	16,118	..	15,971	16,327	16,185
Administrative, technical and clerical employees	2,419	2,269	2,153	..	2,145(c)	1,557(c)	1,495(c)
Total	19,713	18,898	18,271	..	18,116	17,884	17,680

(a) For employment in small firms (employing on the average ten or fewer persons) that made satisfactory returns see Table 2.

(b) Owing to the risk of disclosure of information relating to individual firms in Northern Ireland separate particulars for Great Britain cannot be given.

(c) In week ended September 25, 1948, October 16, 1937, and October 12, 1935. The 1937 and 1935 figures include working proprietors.

Outworkers. In addition to the employees shown above the firms in this trade employed outworkers whose numbers are shown below.

	United Kingdom			Great Britain		United Kingdom	
	1951	1950	1949	1949	1948	1937	1935
Males	2	4	2	2	1	..	..
Females	774	760	796	796	620	..	..
Total	776	764	798	798	621	..	..

Shift working, 1951 (a)

Larger establishments in Great Britain

	Total number of man-shifts worked in the week	Total number of shift-hours worked in the week	Number of returns showing the systems stated
Continuous 3 shift systems per 24 hours averaging 8 hours per shift	2,302	18,403	6
Continuous 4 shift systems per 24 hours averaging 6 hours per shift	-	-	-
All 2 shift systems	1,656	13,947	7
Other shift systems	1,630	16,153	8
Total	5,588	48,503	(b)

(a) Shift working during week ended September 22, 1951.

(b) The number and percentage of returns showing shift working and of operatives on shift-work were as follows:-

	Returns		Operatives		
	Total in trade	Showing shift-work	Total in trade	Total on returns showing shift-work	Number employed on shift-work
Number	..	18	..	3,174	1,064
Percentage of total in trade	100.0	10.0(c)	100.0	18.0(c)	6.0(c)
Percentage of total on returns showing shift-work			100.0		33.5

(c) Rounded to avoid disclosure.

Wages and salaries and employers' National Insurance contributions paid during the year

Larger establishments

	£'000				
	United Kingdom			Great Britain	
	1951	1950	1949	1949 (a)	1948
Wages and salaries (b) of					
Operatives	3,986	3,474	3,173	..	3,031
Administrative, technical and clerical employees	1,359	1,181	1,068	..	1,036
Total	5,345	4,655	4,241	..	4,067
Employers' contributions to all National Insurance Schemes	168	158	152	..	121

(a) Owing to the risk of disclosure of information relating to individual firms in Northern Ireland separate particulars for Great Britain cannot be given.

(b) Including bonus and commission payments, but excluding payments to outworkers shown below.

£'000				
United Kingdom			Great Britain	
1951	1950	1949	1949	1948
61	48	45	45	41

Plant, machinery and vehicles - acquisitions and disposals, and capital expenditure on new building work

Larger establishments

	£'000			
	United Kingdom		Great Britain	
	1951	1949	1949 (a)	1948
Plant, machinery and vehicles				
Acquisitions				
Plant and machinery				
New	561	462	..	441
Second-hand	24	13	..	30
Vehicles				
New	79	59	..	34
Second-hand	47	18	..	18
Total acquisitions	711	552	..	523
Disposals				
Plant and machinery				
Vehicles	22	15	..	5
	26	23	..	10
Total disposals	49	38	..	15
New building work				
Capital expenditure on new building and other constructional work of a capital nature (excluding site values and development charges)	132	119	..	212

(a) Owing to the risk of disclosure of information relating to individual firms in Northern Ireland separate particulars for Great Britain cannot be given.

TEXTILES COUNTRY TABLES

NARROW FABRICS TRADE

1951

Summary

Larger establishments

TABLE 18

	England (a)	Wales (a)	Scotland	Great Britain	Northern Ireland(a)	United Kingdom
	£'000	£'000	£'000	£'000	£'000	£'000
Gross output (production)	27,953	..	1,302	..	..	29,254
Cost of materials and fuel used	16,289	..	795	..	..	17,083
Payment for work done on materials given out	674	..	64	..	..	738
Transport payments	150	..	8	..	..	158
Net output	10,840	..	435	..	..	11,275
Wages and salaries of persons employed	5,179	..	166	..	..	5,345
	No.	No.	No.	No.	No.	No.
Average number of persons employed (b)	19,125	..	616	..	..	19,741
	£	£	£	£	£	£
Net output per person employed (b)	567	..	706	..	..	571
	£'000	£'000	£'000	£'000	£'000	£'000
Stocks at end of year						
Products on hand for sale and work in progress	2,659	..	196	..	..	2,855
Materials and fuel	3,766	..	250	..	..	4,016
	No.	No.	No.	No.	No.	No.
Number of establishments	201	..	7	..	..	208

The values of gross output and of materials and fuel used are derived in the following way:-

	£'000	£'000	£'000	£'000	£'000	£'000
Output of firms in this trade						
Total value of sales (see Table 20)	27,212	..	1,247	..	..	28,459
Changes in stocks and work in progress (see Table 21)	+ 741	..	+ 55	..	..	+ 795
Gross output (production)	27,953	..	1,302	..	..	29,254
Materials and fuel used by firms in this trade						
Purchases	17,278	..	830	..	..	18,108
Changes in stocks (see Table 21)	- 988	..	- 36	..	..	- 1,025
Materials and fuel used	16,289	..	795	..	..	17,083

(a) Owing to the risk of disclosure of information relating to individual firms, particulars for Wales and Northern Ireland, where the combined net output was less than 2 per cent. of that of the United Kingdom, cannot be given separately and have been included with those for England.

(b) Excluding outworkers but including working proprietors.

TABLE 19 - Summary: Small firms in Great Britain

See Table 2. Owing to the risk of disclosure of information relating to individual firms, separate country particulars cannot be given.

Sales in the trade
Larger establishments

TABLE 20

	England and Wales		Scotland		Great Britain		Northern Ireland		United Kingdom	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
	Th.gross lin.yds.	£'000	Th.gross, lin.yds.	£'000	Th.gross lin.yds.	£'000		£'000	Th.gross lin.yds.	£'000
Principal products										
Elastic goods										
Woven elastic webs										
Up to 2 inches wide	550	2,431	-	-	550	2,431	-	-	550	2,431
Over 2 inches wide	..	(a)	..	(a)	58	1,443	-	-	58	1,443
Roll-on blanks	Th.doz.				Th.doz.				Th.doz.	
161	161	525	-	-	161	525	-	-	161	525
All other types of elastic goods except surgical hosiery and clothing	..	3,465	..	53	..	3,518	-	-	..	3,518
Non-elastic goods										
Solid woven machinery belting (including conveyor and elevator bands and spindle tapes)	Th.cwts.				Th.cwts.				Th.cwts.	
Of cotton	..	(a)	..	(a)	12.9	799	-	-	12.9	799
Of other materials (including hair or hair mixed with cotton)	15.9	1,110	-	-	15.9	1,110	-	-	15.9	1,110
Tapes and light webs (up to 5 lbs. per gross yards in 1 inch width)	Th.gross lin.yds.				Th.gross lin.yds.				Th.gross lin.yds.	
Other than cotton or asbestos	..	(a)	..	(a)	..	..	..	(a)	5,918	576
Tapes and light webs of cotton and heavy webs of all materials except asbestos	..	(a)	..	(a)	..	..	..	(a)	..	6,408
Ribbons (excluding petershams) of silk or of silk mixed with other materials	138	184	-	-	138	184	-	-	138	184
Ribbons, petershams, galloons and bindings (except bias bindings)										
Of rayon, nylon, etc.	1,363	1,302	-	-	1,363	1,302	-	-	1,363	1,302
Of rayon, nylon, etc. mixed with other materials except silk	766	887	-	-	766	887	-	-	766	887
Of other materials except cotton	57	54	-	-	57	54	-	-	57	54
Ribbons, petershams, galloons and bindings of cotton, bias bindings and woven labels	2,766	2,261	314	164	3,080	2,424	-	-	3,080	2,424

TABLE 20 (contd.)

	England and Wales		Scotland		Great Britain		Northern Ireland		United Kingdom	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Principal products (contd.)		£'000		£'000	Th.gross of single laces	£'000		£'000	Th.gross of single laces	£'000
Non-elastic goods (contd.)										
Non-elastic braids										
Boot, shoe, corset and similar laces, finished or not	..	(a)	..	(a)	1,440	874	-	-	1,440	874
Other non-elastic braids, except wicks, trimmings and fringes	..	896	-	-	..	896	-	-	..	896
Wicks, trimmings, and fringes	..	1,289	..	4	..	1,293	-	-	..	1,293
Other textile smallwares	..	2,178	-	-	..	2,178	-	-	..	2,178
Waste products	..	31	..	2	..	33	-	-	..	33
Work done for the trade or on commission (c)		212		5		217		-		217
Total principal products		25,967 (b)		1,186		..		(b)		27,153
Other output	Th.doz.				Th.doz.				Th.doz.	
Braces, suspenders, belts, etc. (other than corset belts)	{ 303 ..	{ 153 37	{ - -	{ - -	{ 303 ..	{ 153 37	{ - -	{ - -	{ 303 ..	{ 153 37
Manufactures of cotton, other than narrow fabrics	..	172	..	52	..	224	-	-	..	224
Manufactures of rayon, nylon, etc. and silk, other than narrow fabrics	..	115	-	-	..	115	-	-	..	115
Other goods	..	768	..	9	..	777	-	-	..	777
Total		27,212 (b)		1,247		..		(b)		28,459

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

(b) Owing to the risk of disclosure of information relating to individual firms, particulars for Northern Ireland cannot be given separately and have been included with those for England and Wales.

(c) Amount charged.

Stocks of products on hand for sale and work in progress,
and stocks of materials and fuel

Larger establishments

TABLE 21

£'000

		England and Wales (a)	Scotland	Great Britain	Northern Ireland(a)	United Kingdom
Products on hand for sale	{ at beginning of year	1,280	74	..	..	1,353
	{ at end of year	1,832	166	..	..	1,999
Work in progress	{ at beginning of year	639	68	..	..	707
	{ at end of year	827	30	..	..	857
Total products on hand for sale and work in progress	{ at beginning of year	1,918	142	..	..	2,060
	{ at end of year	2,659	196	..	..	2,855
Materials and fuel	{ at beginning of year	2,777	214	..	..	2,991
	{ at end of year	3,766	250	..	..	4,016

(a) Owing to the risk of disclosure of information relating to individual firms, particulars for Northern Ireland cannot be given separately and have been included with those for England and Wales.

Employment in September

Larger establishments (a) (b)

Note - Owing to the risk of disclosure of information relating to individual firms, particulars for Northern Ireland cannot be given separately and have been included with those for England and Wales, throughout this table.

TABLE 22

(i) Operatives

Number

	England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom
Males					
Under 18	333	19	..	..	352
All ages	4,621	156	..	..	4,777
Females					
Under 18	1,501	50	1,551	-	1,551
All ages	12,415	411	..	..	12,826
Total					
Under 18	1,834	69	..	..	1,903
All ages	17,036	567	..	..	17,603

(ii) Administrative, technical and clerical employees

Number

	England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom
Males					
Under 18	32	1	..	..	33
All ages	1,371	38	..	..	1,409
Females					
Under 18	183	5	188	-	188
All ages	1,014	23	1,037	--	1,037
Total					
Under 18	215	6	..	..	221
All ages (c)	2,385	61	..	..	2,446

(continued overleaf)

TABLE 22 (contd.)

	(iii) Total employees					Number
	England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom	
Males						
Under 18	365	20	..	..	385	
All ages	5,992	194	..	..	6,186	
Females						
Under 18	1,684	55	1,739	-	1,739	
All ages	13,429	434	..	..	13,863	
Total						
Under 18	2,049	75	..	..	2,124	
All ages (c)	19,421	628	..	..	20,049	

(a) Excluded employees. The number of persons employed at the larger establishments in this trade but not included in the above tables or in any other Census of Production report (employees in Great Britain engaged, for example, in merchanting and in Northern Ireland canteen and welfare workers) are shown in Table 22(v) below.

(b) Number employed in the week ended September 22, 1951.

(c) Working proprietors. In addition working proprietors, shown in Table 22(iv) below, were engaged in this trade in larger establishments.

	(iv) Working proprietors					Number
	England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom	
Males	27	-	..	-	27	
Females	1	-	..	-	1	
Total	28	-	..	-	28	

	(v) Excluded employees					Number
	England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom	
Canteen workers						
Males	5	-	5	-	5	
Females	202	3	205	-	205	
Total	207	3	210	-	210	
Other workers						
Males	63	-	63	-	63	
Females	33	-	33	-	33	
Total	96	-	96	-	96	
Total excluded employees	303	3	306	-	306	

Average employment
Larger establishments (a)

	TABLE 23					Number
	England and Wales (b)	Scotland	Great Britain	Northern Ireland (b)	United Kingdom	
Operatives	16,741	553	..	..	17,294	
Administrative, technical and clerical employees	2,356	63	..	..	2,419	
Total	19,097	616	..	..	19,713	

Outworkers. In addition to the employees shown above the firms in this trade employed outworkers whose numbers are shown below.

	TABLE 23					Number
	England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom	
Males	2	-	2	-	2	
Females	774	-	774	-	774	
Total	776	-	776	-	776	

(a) For employment in small firms in Great Britain (employing on the average ten or fewer persons) that made satisfactory returns see Table 19.

(b) Owing to the risk of disclosure of information relating to individual firms, particulars for Northern Ireland cannot be given separately and have been included with those for England and Wales.

Wages and salaries and employers' National Insurance
contributions paid during the year
Larger establishments

TABLE 24

	TABLE 24					£'000
	England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom	
Wages and salaries (a) of						
Operatives	3,857 (b)	129	..	(b)	3,986	
Administrative, technical and clerical employees	1,322	38	1,359	-	1,359	
Total	5,179 (b)	166	..	(b)	5,345	
Employers' contributions to all National Insurance Schemes	163	5	168	-	168	

(a) Including bonus and commission payments but excluding payments to outworkers shown below.

(b) Owing to the risk of disclosure of information relating to individual firms, particulars for Northern Ireland cannot be given separately and have been included with those for England and Wales.

£'000				
England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom
61	-	61	-	61

Plant, machinery and vehicles - acquisitions and disposals,
and capital expenditure on new building work

TABLE 25

	TABLE 25					£'000
	England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom	
Plant, machinery and vehicles						
Acquisitions						
Plant and machinery						
New	540	21	561	-	561	
Second-hand	24	1	24	-	24	
Vehicles						
New	79	-	79	-	79	
Second-hand	46	1	47	-	47	
Total acquisitions	689	23	711	-	711	
Disposals						
Plant and machinery	22	-	22	-	22	
Vehicles	24	2	26	-	26	
Total disposals	47	2	49	-	49	
New building work						
Capital expenditure on new building and other constructional work of a capital nature (excluding site values and development charges)	132	-	132	-	132	

Payments for transport services for finished goods
sold and materials and fuel purchased

Larger establishments

TABLE 26

£'000

	England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom
Amounts paid to other firms and undertakings	144(a)	7	..	(a)	151
Amount paid or credited to firms' own separate transport organisations	6	-	7	-	7
Total	150(a)	8	..	(a)	158

(a) Owing to the risk of disclosure of information relating to individual firms, particulars for Northern Ireland cannot be given separately and have been included with those for England and Wales.

GENERAL NOTES

The following brief notes refer to Great Britain and, unless otherwise stated, to the census of production for 1951. Reference should be made to the separate booklet in this series entitled 'The Report on the Census of Production for 1951: Introductory Notes' (price 1s.6d. net) for particulars of the minor differences in the Northern Ireland censuses and other details about the census of production.

Trade classification: Establishments are classified to trades according to the nature of their output. Certain products, called principal products, are identified as characteristic of the production of individual trades, the principal products for a given trade being of a similar nature or commonly associated in production. An establishment is classified to a trade if its output of principal products of that trade accounted for a greater proportion of the value of its output than did its output of principal products of any other trade.

The establishment: The basic unit for the collection of information is generally the establishment which in most cases comprises the whole of the premises under the same ownership or management at a particular address (e.g., a factory). Offices, warehouses and other ancillary places of business situated apart from the producing works are included in the return for the works.

Larger establishments and small firms: Larger establishments are those which employed more than 10 persons on the average during the year; small firms are those employing on the average 10 or fewer persons.

Working proprietors are proprietors of businesses other than limited companies, and include members of their families who work in the business without receiving fixed wages or salaries. Any persons working less than half the normal hours are excluded.

Persons employed: Administrative employees include directors other than those paid by fee only, managers, superintendents and works foremen; research, experimental, development, technical and design employees (other than operatives); draughtsmen and tracers; and travellers and office (including works office) employees. Operatives include all other classes of employees, that is, broadly speaking, all manual workers.

All these figures exclude 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.

Figures for employees include only persons on the pay-roll (that is whose National Insurance cards were held by the firm), whether full-time or part-time employees.

Outworkers, who are shown separately, are persons employed by the firm who work on materials supplied by the firm, but do not work on the premises; operatives directly employed who work out of doors (e.g., maintenance workers) and sub-contractors are not included as outworkers.

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

Capital expenditure: Expenditure on plant, machinery and vehicles relates to expenditure charged to capital account during the year of return, including transport and installation costs involved. Expenditure on new building work is similarly that charged to capital account during the year.

Materials and fuel: The cost of materials and fuel purchased includes all purchases during the year of materials for use in production and of fuel (including oil, gas, and electricity for all purposes, including heating and lighting); all packing materials, including the full cost of returnable containers when first purchased; workshop materials; office materials; water charges; materials for repairs to firms' own buildings, plant and vehicles when carried out by

their own work people included in the return; and consumable tools and parts for machinery purchased as replacement. Materials, components, etc. which were purchased and re-sold in the same state (that is, merchanting or factored goods) were excluded. For 1951 firms in many trades were required to state the quantities of certain purchased materials used.

Stocks and work in progress: Firms were instructed to give these at income tax value.

Output: 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. For all post-war censuses the value of sales was the net selling value, that is, 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.

Gross output of a trade is the total value of goods made and other work done during the year; this means the value of sales and work done during the year adjusted for changes in the values of stocks.

Net output is the amount left after deducting from the value of gross output the aggregate of the cost of materials and fuel used and the amount paid for work given out and, for 1951, any transport payments included in firms' returns. 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.

Customs and Excise Duty paid on materials purchased is included in the cost of materials, but where it is especially important separate figures are shown.

Later reports: Reports will be published later summarising the main census results and giving information about power equipment and fuel consumption.

Disclosure of information: The report has been prepared in conformity with the disclosure provisions of the Statistics of Trade Act, 1947. Figures have been combined with others of a similar nature in certain cases where publication of separate details might disclose the operations of an individual firm.

Symbols used: '..' for 'Not available', '-' for 'Nil or negligible (less than half the final digit shown)'

The figures in the tables have been rounded off to the nearest final digit, and there may be an apparent slight discrepancy between the sums of the constituent items and the totals shown.

Tables 1 to 17 show figures for the United Kingdom (or Great Britain).

Tables 18 to 26 are country tables and give, where practicable, separate details for England and Wales, Scotland and Northern Ireland.

Table 6: Specialist producers refer to those establishments 50 per cent. or more of whose total output by value is accounted for by the groups of products specified.

Table 8 (or 8(i)) shows the total sales of principal products of the trade, and includes therefore the sales of these products returned by establishments whether classified to the trade or to other trades. Those produced by establishments in other trades are shown in Table 9.

Table 10 shows the sales by establishments in the trade of products other than those regarded as principal products of the trade.

Table 20 (or 20(i)) shows sales by establishments in the trade of products, whether principal products or not, and broadly the aggregates here are equal to the corresponding figures in Table 8 (or 8(i)) less those in Table 9, plus those in Table 10.

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1955

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PRINTED IN GREAT BRITAIN