



BOARD OF TRADE

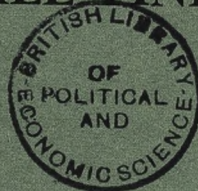
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THE REPORT  
on the  
CENSUS OF PRODUCTION  
FOR 1951

Volume 6

Trade P

TEXTILE FINISHING



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

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TWO SHILLINGS NET

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\* Not applicable to this trade

TEXTILE FINISHING TRADE

THIS REPORT on the Textile Finishing Trade relates to establishments engaged wholly or mainly in the bleaching, dyeing, printing and finishing of textile yarns and fabrics, including the burling and mending of woollen and worsted fabrics and the bleaching and/or dyeing of lace, lace curtains and other goods made on curtain machines. Establishments that produced finished lace are, however, included in the report on the Lace Trade (Volume 6, Trade J).

Establishments engaged in burling and mending and in bleaching and dyeing lace on commission are included for 1951, but not for earlier years, and the separate departments of certain threadmaking establishments engaged mainly in winding, reeling, packing, etc. are excluded for 1951 but included for earlier years. The figures are not therefore strictly comparable. It is estimated that the net effect of these changes in classification was to reduce the number of persons shown as employed in larger establishments in the trade in 1951 by about 1,350, and to increase the number employed by small firms by about 830.

Textile finishing work is normally carried out on commission for other firms on their materials, and any establishments in the trade working on their own materials were required to return all their output of processed textiles as if the work were done on commission. The figures for cost of materials purchased and used, shown in Tables 1 and 18, correspondingly exclude the value of textiles purchased for processing and sale.

This trade corresponds to minimum list heading 123 (1), (2) and (5) 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  
TEXTILE FINISHING TRADE  
Summary  
Larger establishments (a)

TABLE 1

	United Kingdom			Great Britain		United Kingdom	
	1951	1950	1949	1949	1948	1937	1935
	£'000	£'000	£'000	£'000	£'000	£'000	£'000
Gross output (production) (b)	93,105	82,691	71,559	66,743	57,691	32,347	30,462
Cost of materials and fuel used (c)	33,021	29,855	26,213	23,959	20,167	12,054	11,624
Payment for work done on materials given out	2,917	3,219	2,785	2,635	2,265	602	487
Transport payments (d)	1,104	..	..	..	..	..	..
Net output	56,064	49,617	42,561	40,150	35,259	19,691	18,351
Wages and salaries of persons employed	31,303	28,430	25,516	24,261	21,405	..	..
	No.	No.	No.	No.	No.	No.	No.
Average number of persons employed (e)	87,660	87,263	83,817	78,280	73,691	100,681	100,084
	£	£	£	£	£	£	£
Net output per person employed (e)	640	569	508	513	478	196	183
Stocks at end of year	£'000	£'000	£'000	£'000	£'000	£'000	£'000
Work in progress	3,529	3,098	2,846	2,237	2,040	..	..
Materials and fuel	9,063	6,641	5,920	5,663	5,805	..	..
	No.	No.	No.	No.	No.	No.	No.
Number of establishments	759	697	672	611	596	..	857

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							
Total value of production and work done							
Principal products (f)	90,610	83,186	71,946	67,196	55,029 (h)	31,642	29,931
Other output (g)	2,074						
Changes in work in progress (i)	+ 420	+ 240	+ 266	+ 155	+ 354		
	93,105	83,426	72,212	67,351	58,172	32,347	30,462
Less payment for transport outwards (d)	..	736	653	608	481		
Gross output (production)	93,105	82,691	71,559	66,743	57,691	32,347	30,462
Materials and fuel used by firms in this trade							
Purchases	35,534	30,588	25,969	23,698	21,160	12,054	11,624
Changes in stocks (i)	- 2,514	- 734	+ 243	+ 261	- 993		
Materials and fuel used	33,021	29,855	26,213	23,959	20,167	12,054	11,624

- (a) For small firms' summary see Table 2.  
 (b) 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.  
 (c) Amounts paid for delivery services are excluded for 1951 but included for other years.  
 (d) 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.  
 (e) Excluding outworkers but including working proprietors. For an estimate of the total number of persons employed in this trade see Table 3.  
 (f) For details for 1951 and 1948 see Table 8.  
 (g) For details for 1951 and 1948 see Table 10.  
 (h) Corrected figure.  
 (i) For details for 1951 see Table 21.

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## Summary: Small firms (a)

TABLE 2

	Great Britain		United Kingdom	Great Britain	
	1951	1950	1949	1949	1948
Number of returns	230	97	123	114	104
Average number of persons employed (b)					
Males	567	477	591	541	460
Females	906	132	180	174	159
Total	1,473	609	771	715	619

- (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.

## Estimated average employment (a)

## All firms

TABLE 3

	United Kingdom			Great Britain	
	1951	1950	1949	1949	1948
As returned by firms					
Employing on the average more than ten persons (b)	87,660	87,263	83,817	78,280	73,691
Employing on the average ten or fewer persons (c)	1,473 (d)	609 (d)	771	715	619
Estimated average employment in firms not making satisfactory returns	89,133	87,872	84,588	78,995	74,310
	293	75	69	69	282
Estimated average employment in all firms	89,426 (d)	87,947 (d)	84,657	79,064	74,592

- (a) Including working proprietors.  
 (b) See Tables 13(iv) and 14.  
 (c) See Table 2.  
 (d) 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	
	No.	£'000	£'000	No.	£'000	£'000	£'000	£
11 - 24	145	2,202	1,262	2,636	660	170	830	479
25 - 49	177	6,668	3,945	6,454	1,759	478	2,237	611
50 - 99	192	13,672	8,324	13,707	3,850	950	4,799	607
100 - 199	122	17,000	10,095	16,590	4,563	1,273	5,835	609
200 - 299	51	13,458	8,328	12,635	3,427	1,106	4,534	659
300 - 399	29	10,368	6,294	9,995	2,833	803	3,635	630
400 - 499	19	9,235	5,648	8,531	2,393	706	3,099	662
500 - 749	17	12,433	7,604	10,157	3,004	838	3,842	749
750 and over	7	8,069	4,564	6,955	1,984	607	2,491	656
Total	759	93,105	56,064	87,660	24,373	6,930	31,303	640

- (a) Administrative, technical and clerical employees.

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## Analysis by standard region, 1951

## Larger establishments in the United Kingdom

TABLE 5

Region	Establishments	Gross output	Net output		Persons employed	Remuneration			Net output per person employed
			Value	Percentage of total		Operatives	Other employees (a)	Total	
	No.	£'000	£'000		No.	£'000	£'000	£'000	£
England and Wales									
Northern; South Western; and Wales	9	1,620	994	1.8	1,472	381	94	475	675
East and West Ridings	217	16,963	10,328	18.4	14,813	4,211	1,329	5,541	697
North Midland	89	8,004	5,642	10.1	9,908	2,850	553	3,403	569
Eastern	6	750	337	0.6	611	154	58	213	551
London and South Eastern	16	1,243	826	1.5	1,493	440	95	535	553
Southern	4	114	72	0.1	164	43	16	59	436
Midland	16	1,700	1,142	2.0	1,913	575	81	657	597
North Western	275	47,421	27,470	49.0	41,251	11,829	3,634	15,462	666
Total England and Wales	632	77,816	46,812	83.5	71,625	20,484	5,861	26,345	654
Scotland	65	9,809	5,925	10.6	9,931	2,476	782	3,258	597
Great Britain	697	87,625	52,737	94.1	81,556	22,960	6,643	29,603	647
Northern Ireland	62	5,480	3,327	5.9	6,104	1,413	287	1,700	545
United Kingdom	759	93,105	56,064	100.0	87,660	24,373	6,930	31,303	640

(a) Administrative, technical and clerical employees.

## Analysis according to specialisation within the trade, 1951

## Larger establishments in the United Kingdom

TABLE 6

	Establishments	Gross output	Value of characteristic products (a)	Net output	Persons employed	Remuneration			Net output per person employed
						Operatives	Other employees (b)	Total	
	No.	£'000	£'000	£'000	No.	£'000	£'000	£'000	£
Specialist processors of Textile fibres (bleaching, dyeing, etc.)	31	2,661	2,465	1,435	1,655	518	199	717	867
Yarn (bleaching, dyeing, finishing, etc.)									
Cotton yarn	76	7,454	6,319	4,109	7,804	1,912	604	2,515	527
Woollen and worsted yarn	26	1,665	1,268	955	1,947	465	170	635	491

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TABLE 6 (contd.)

	Establishments	Gross output	Value of characteristic products (a)	Net output	Persons employed	Remuneration			Net output per person employed
						Operatives	Other employees (b)	Total	
	No.	£'000	£'000	£'000	No.	£'000	£'000	£'000	£
Specialist processors of (contd.)									
Woven fabrics (bleaching, dyeing, printing, finishing, etc.)									
Cotton, rayon, nylon, etc. fabrics									
Bleaching	34	4,521	3,351	3,019	5,095	1,316	382	1,699	593
Dyeing	105	20,626	15,556	12,292	18,103	5,398	1,596	6,995	679
Printing	79	24,325	20,742	13,319	18,827	5,410	1,813	7,222	707
Finishing only	23	1,250	1,129	829	1,366	360	114	474	607
Woollen and worsted fabrics	85	7,435	6,660	4,624	6,110	1,811	573	2,384	757
Silk, linen and jute fabrics	32	3,030	1,942	1,903	3,601	898	146	1,044	529
Hosiery and other knitted goods (bleached, dyed, finished, etc.)	69	6,052	5,511	4,433	7,776	2,344	414	2,758	570
Burlers and menders of woollen and worsted fabrics	53	433	427	417	1,393	281	14	295	299
Remainder of the trade	146	13,652		8,729	13,983	3,661	905	4,566	624
Total	759	93,105		56,064	87,660	24,373	6,930	31,303	640

(a) Amount charged for work done.

(b) Administrative, technical and clerical employees.

TABLE 7 - Total make of intermediate products: Larger establishments

This table is not applicable to the trade.

Production and work done ('principal products' of the trade), including similar work done by establishments classified to other trades

## Larger establishments

TABLE 8

	United Kingdom 1951			Great Britain 1948	
	Quantity	Amount charged for work done	Entries	Quantity	Amount charged for work done
	Th.lbs.	£'000	No.	Th.lbs.	£'000
Textile fibres, bleached, dyed, etc.					
Raw cotton	33,516	640	15	49,692	623
Cotton waste	15,149	293	14	16,045	239
Rayon, nylon, etc. staple fibre	3,590	145	19	..	36
Raw wool	26,507	682	30	33,825	771
Slubbing (of wool, etc.)	39,842	1,362	26	34,771	1,030
Yarn, bleached, dyed, finished, etc.					
Cotton yarn, including sewing cotton					
Bleached, not mercerised	43,424	932(a)	68	38,323	572
Dyed, not mercerised	72,438	4,498	113	68,194	3,370
Mercerised, whether also bleached or dyed or not	32,081	1,370	35	30,686	1,332
Other than bleached, dyed or mercerised (including warp-printed)	2,794	209	10	1,930	204(b)
Total cotton yarn		183	..	..	12
		7,192	..		5,490(b)

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TABLE 8 (contd.)

	United Kingdom 1951			Great Britain 1948	
	Quantity	Amount charged for work done	Entries	Quantity	Amount charged for work done
	Th.lbs.	£'000	No.	Th.lbs.	£'000
Yarn, bleached, dyed, finished, etc. (contd.)					
Yarn of rayon, nylon, etc., or of rayon, nylon, etc. and cotton	10,161	785	46	7,490	549(c)
Silk yarn (thrown and spun)	441 ..	183 21	14	666	122
Woollen yarn	18,836	738	43	23,850	849
Worsted yarn	27,765	1,051	44	26,999	960
Mohair, alpaca and kindred yarns	45	3	6	856	28
Flax yarn	41,273	820	36	14,195	223
Jute yarn	4,755	102	11	3,637	68
Total yarn other than of cotton		3,704	..		2,800
Woven fabrics, bleached, dyed, printed, etc. (d)	Th.sq.yds.			Th.sq.yds.	
Of cotton					
Bleached, but not dyed or printed	655,811	5,263	116	536,560	3,603
Dyed, but not printed	597,835	10,631	156	446,053	6,439
Printed, whether dyed or not	498,507	12,925	70	350,148 ..	7,672 165
Finished only	283,190	1,669	108	228,099 ..	963 23
Total woven fabrics of cotton		30,488	..		18,865
Of rayon, nylon, etc. continuous filament yarn (e)					
Bleached, but not dyed or printed	3,635	68	17	7,970	112
Dyed, but not printed	199,076	4,682	65	164,161	3,325
Printed, whether dyed or not	47,857	2,579	29	45,426	1,798
Finished only	10,873	169	29	10,592	130
Of rayon, nylon, etc. spun yarn, or of spun yarn and continuous filament yarn (e)					
Bleached, but not dyed or printed	8,392 ..	83 13	24	9,501	144
Dyed, but not printed	103,401	1,971	67	65,543	1,624
Printed, whether dyed or not	141,559	4,837	36	61,771 ..	2,466 215
Finished only	9,342 ..	112 13	34	31,999	460
Wholly of rayon (spun yarn or continuous filament, unclassified) (f)					
Dyed, but not printed	13,040	487	11	-	-
Printed, whether dyed or not	6,673	349	7	-	-
Other descriptions	3,113	74	10	-	-
Total woven fabrics of rayon, nylon, etc.		15,437	..		10,275
Of rayon, nylon, etc. and cotton (g)					
Bleached, but not dyed or printed	4,780	104	13	2,027	34
Dyed, but not printed	119,421	2,079	69	62,426	998
Printed, whether dyed or not	12,794	1,147	27	6,066	303
Finished only	20,791	198(h)	41	7,530	58
Total woven fabrics of rayon, nylon, etc. and cotton		3,528	..		1,394

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TABLE 8 (contd.)

	United Kingdom 1951			Great Britain 1948	
	Quantity	Amount charged for work done	Entries	Quantity	Amount charged for work done
	Th.sq.yds.	£'000	No.	Th.sq.yds.	£'000
Woven fabrics, bleached, dyed, printed, etc. (contd.)					
Of silk, or of silk mixed with other materials	6,346	424	30	5,592	349
Woollen and worsted					
Printed, whether dyed or not	7,089	326(i)	20	9,360	354
Other than printed					
Fabrics wholly or mainly of mohair, alpaca and cashmere, other than pile fabrics	1,443	49(i)	6	869	27(b)
Wool and mohair plushes and other pile fabrics of wool and hair	2,758 ..	132(i) 27	8	4,905 ..	122 34
Other woollen fabrics	124,834	2,911(i)	79	219,392	4,834(b)
Other worsted fabrics	226,386	4,059(i)	59	..	148
Unclassified woollen and worsted fabrics	..	420(j)	90	-	-
Total woven woollen and worsted fabrics		7,923	..		5,517
Linen and union	89,888	2,630	111	9,787 ..	575 20
Jute	Th.cwts. 179 ..	192 24	18	Th.cwts. ..	273
Total woven fabrics, bleached, dyed, printed, etc.		60,646	..		37,269
Cutting of pile fabrics, including velvets, velveteens, corduroys, moleskins and similar goods	Th.sq.yds. 14,862	309	12	Th.sq.yds. 9,542	148
Shrinking					
Cotton and rayon, nylon, etc. fabrics	239,724	876	54	173,400	748
Woollen and worsted fabrics	38,524	415	33	-	-
Other and unclassified fabrics (k)	..	50	6	-	-
Proofing					
Cotton fabrics	56,258	798	41	40,307	324
Woollen and worsted fabrics	30,629	349	44	8,848	64
Other and unclassified fabrics (k)	..	16	..	..	227
Crease-resisting	158,606	2,517	41	..	(1)
Burling and mending of woollen and worsted fabrics	..	538	85	..	(m)
Hosiery and other knitted goods, bleached, dyed, finished etc.	Th.lbs.			Th.lbs.	
Knitted fabrics (n)					
Of cotton or of which the chief value was cotton	20,522	805	41	..	428
Of rayon, nylon, etc. or of which the chief value was rayon, nylon, etc.	12,607	746	39	..	208
Of wool or of which the chief value was wool	12,741	711	37	..	651
Total knitted fabrics		2,263	..		1,287

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TABLE 8 (contd.)

	United Kingdom 1951			Great Britain 1948	
	Quantity	Amount charged for work done	Entries	Quantity	Amount charged for work done
	Th.doz.prs.	£'000	No.	Th.doz.prs.	£'000
Hosiery and other knitted goods, bleached, dyed, finished, etc. (contd.)					
Stockings and socks					
Of cotton or of which the chief value was cotton	5,738	421	38	4,577	334
Of rayon, nylon, etc., or of which the chief value was rayon, nylon, etc.	12,361	1,846	33	8,329	917
Of silk or of which the chief value was silk	2,062	231	20	1,244	167
Of wool or of which the chief value was wool	12,701	1,211	45	10,067	813
Total stockings and socks		3,709	..		2,231
Other knitted goods	..	244	21	..	156
Unclassified	-	-	-	..	63(o)
Total hosiery and other knitted goods		6,216	..		3,737
Lace, bleached or dyed, including lace curtains and other goods made on curtain machines (p)	..	1,498	18	..	..
Engraving for calico printers	..	693	23	..	396
Other work done (appropriate to this trade)	..	1,331	93	..	1,497
Waste products sold (q)	..	1,021	232	..	517
Total		91,290	..		55,960(b)
Work done in other trades (see Table 9)		680	..		930
Work done ('principal products') by establishments in the trade		90,610	718		55,029(b)

- (a) Yarn mercerised or otherwise treated (except dyed) returned by establishments in Northern Ireland is included. For details see Table 20.
- (b) Corrected figure.
- (c) Recorded as 'Rayon, nylon, etc. spun yarn and continuous filament'.
- (d) The amount charged for bleached fabrics includes the cost of mercerising or finishing if done by the bleachers; the amount charged for dyed fabrics includes the cost of mercerising, bleaching or finishing if done by the dyers; and the amount charged for printed fabrics includes the cost of mercerising, bleaching, dyeing or finishing if done by the printers. Self-coloured linings are included under dyed fabrics and printed linings under printed fabrics.
- (e) As recorded by establishments in Great Britain.
- (f) As recorded by establishments in Northern Ireland.
- (g) The 1948 figures and those returned by establishments in Northern Ireland for 1951 relate to 'Rayon, nylon, etc., mixed with other materials except silk'.
- (h) Including any rayon, nylon, etc. and cotton woven fabrics, bleached but not dyed or printed by establishments in Northern Ireland.
- (i) As recorded by establishments in this trade in Great Britain.
- (j) Recorded, in the main, by establishments in the Woollen and Worsted Trade.
- (k) So far as recorded separately.
- (l) Not recorded separately.
- (m) In 1948, establishments engaged wholly or mainly in burling and mending of woollen and worsted fabrics were classified to the Woollen and Worsted Trade (Volume 6, Trade C). The total amount charged for burling and mending was not recorded separately.
- (n) For 1948, the classification was
- |   |
|---|
| Knitted fabrics (bleached, dyed, etc.)                  |
| Of cotton   |
| Of rayon, nylon, etc. mixed or not with other materials |
| Of wool, mixed or not with other materials              |
- (o) Returned by establishments classified to the Hosiery and Other Knitted Goods Trade and described as 'Finishing'.
- (p) Lace finishers are classified to the Lace Trade (Volume 6, Trade J) and the amount stated here for 1951 represents charges made for bleaching and dyeing by establishments classified to this trade. The corresponding amount charged in 1948 is not available.
- (q) Net selling value.

(88423/1)

Production and work done ('principal products' of the trade)  
by establishments classified to other trades

Larger establishments

TABLE 9

	United Kingdom 1951			Great Britain 1948	
	Quantity	Amount charged for work done	Entries	Quantity	Amount charged for work done
	Th.lbs.	£'000	No.	Th.lbs.	£'000
Textile fibres, bleached, dyed, etc.					
Cotton waste and raw wool	-	-	-	..	38
Yarn, bleached, dyed, finished, etc.					
Cotton yarn, including sewing cotton					
Bleached, not mercerised	-	-	-	28	1
Dyed, not mercerised	47	3	..	123	8
Woollen yarn	-	-	-	955	32
Worsted yarn	-	-	-	148	5
Woven fabrics, bleached, dyed, printed, etc.	Th.sq.yds.			Th.sq.yds.	
Of cotton					
Bleached, but not dyed or printed	4,008	32	..	-	-
Dyed, but not printed	-	-	-	38	1
Printed, whether dyed or not	11	2	..	-	-
Of rayon, nylon, etc.					
Dyed, but not printed	709	23	..	-	-
Woollen and worsted	..	406	89	2,092	55
Silk yarn (thrown and spun) and yarn of rayon, nylon, etc., or of rayon, nylon, etc. and cotton, bleached, dyed, finished, etc.; and burling and mending of woollen and worsted fabrics	..	213	..	..	296(a)
Shrinking of cotton, rayon, nylon, etc., and woollen and worsted fabrics	-	-	-	696	7
Proofing	14	1	..	6,622	107
Hosiery and other knitted goods, unclassified, bleached, dyed, finished, etc.	-	-	-	..	63
Other work done (appropriate to this trade)	-	-	-	..	105
Total		680	..		930

(a) Including woven jute fabrics and knitted fabrics, bleached, dyed, printed, etc., but excluding burling and mending.

Production and work done in the trade of  
other than principal products

Larger establishments

TABLE 10

	United Kingdom 1951		Great Britain 1948	
	Quantity	Amount charged for work done	Quantity	Amount charged for work done
	Th.lbs.	£'000	Th.lbs.	£'000
Yarn of cotton and rayon, nylon, etc. (other than continuous filament yarn)				
Reeled, wound, etc.	19,471	638	47,389	1,918(a)
Beamed, sized, etc.	10,609	210		
Wool rags and waste (dyed, carbonised, etc.)	3,893	83	5,367	131

(88423/1)

TABLE 10 (contd.)

	United Kingdom 1951		Great Britain 1948	
	Quantity	Amount charged for work done	Quantity	Amount charged for work done
Making-up of textiles (hemming, etc.)	..	£'000 192	..	£'000 132
Packing (including making-up)	..	836	..	15(b)
Other work done	..	115	..	586
Electricity and steam sold	-	-	..	7(c)
Total		2,074		2,789(a)

- (a) Corrected figure.  
 (b) So far as recorded separately.  
 (c) Net selling value.

TABLE 11 - Production, exports and imports of certain principal products

This table is not applicable to the trade.

TABLE 12 - Usage of certain specified purchased materials, 1951

Larger establishments in the United Kingdom

The total quantity of purchased starch used in 1951 was recorded as 309,000 cwts.

TABLE 13  
(i) Operatives

Employment in September  
Larger establishments (a)

Number

	United Kingdom			Great Britain		United Kingdom	
	1951(b)	1950(b)	1949(b)	1949(b)	1948(c)	1937(c)	1935(c)
Males							
Under 18	2,635	2,980	2,379	2,002	1,991	7,286	6,471
All ages	53,826	54,092	51,599	47,901	44,282	68,022	68,275
Females							
Under 18	2,099	2,753	2,507	2,321	2,600	5,503	4,918
All ages	21,090	21,902	21,349	20,131	19,319	21,828	21,345
Total							
Under 18	4,734	5,733	4,886	4,323	4,591	12,789	11,389
All ages	74,916	75,994	72,948	68,032	63,601	89,850	89,620

TABLE 13 (contd.)

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

	United Kingdom			Great Britain		United Kingdom	
	1951	1950	1949	1949	1948	1937	1935
Males							
Under 18	329	277	280	267	245	538	436
All ages	8,828	8,487	7,982	7,615	7,164	7,879	7,738
Females							
Under 18	738	734	693	661	604	667	485
All ages	3,902	3,685	3,436	3,267	2,868	2,952	2,726
Total							
Under 18	1,067	1,011	973	928	849	1,205	921
All ages	12,730(e)	12,172(e)	11,418(e)	10,882(e)	10,032(e)	10,831	10,464

(iii) Total employees

	United Kingdom			Great Britain		United Kingdom	
	1951	1950	1949	1949	1948	1937	1935
Males							
Under 18	2,964	3,257	2,659	2,269	2,236	7,824	6,907
All ages	62,654	62,579	59,581	55,516	51,446	75,901	76,013
Females							
Under 18	2,837	3,487	3,200	2,982	3,204	6,170	5,403
All ages	24,992	25,587	24,785	23,398	22,187	24,780	24,071
Total							
Under 18	5,801	6,744	5,859	5,251	5,440	13,994	12,310
All ages	87,646(e)	88,166(e)	84,366(e)	78,914(e)	73,633(e)	100,681	100,084

(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 20 Males 665 Females  
 Other workers 150 Males 86 Females

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

(c) Average for the year.

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

(e) 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	153	135	139	58	56
Females	31	10	10	2	2
Total	184	145	149	60	58

Average employment  
Larger establishments (a)

	Number						
	United Kingdom			Great Britain		United Kingdom	
	1951	1950	1949	1949	1948	1937	1935
Operatives	74,880	75,128	72,432	67,506	63,601	89,850	89,620
Administrative, technical and clerical employees	12,596	11,990	11,236	10,714	10,032(b)	10,831(b)	10,464(b)
Total	87,476	87,118	83,668	78,220	73,633	100,681	100,084

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

(b) 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.

	Number						
	United Kingdom			Great Britain		United Kingdom	
	1951	1950	1949	1949	1948	1937	1935
Males	5	4	-	-	-	..	..
Females	384	182	154	146	121	..	..
Total	389	186	154	146	121	..	..

Shift working, 1951 (a)

Larger establishments in Great Britain

TABLE 15

	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	2,264	18,112	5
Continuous 4 shift systems per 24 hours averaging 6 hours per shift	-	-	-
All 2 shift systems	26,810	273,290	76
Other shift systems (b)	7,388	79,896	23
Total	36,462	371,298	(c)

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

(b) Evening shifts of 4 hours duration are included; 4 returns reported working such shifts, the total number of shift-hours worked in the week being 1,780.

(c) 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	656	101	69,465	29,434	7,290
Percentage of total in trade	100.0	15.4	100.0	42.4	10.5
Percentage of total on returns showing shift-work				100.0	24.8

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

	£'000				
	United Kingdom			Great Britain	
	1951	1950	1949	1949	1948
Wages and salaries (a) of Operatives Administrative, technical and clerical employees	24,373	22,352	20,070	19,032	16,795
Total	31,303	28,430	25,516	24,261	21,405
Employers' contributions to all National Insurance Schemes	838	824	784	733	563

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

£'000				
United Kingdom			Great Britain	
1951	1950	1949	1949	1948
41	12	16	16	12

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

Larger establishments

TABLE 17

	£'000			
	United Kingdom		Great Britain	
	1951	1949	1949	1948
Plant, machinery and vehicles				
Acquisitions				
Plant and machinery				
New	3,592	2,521	2,361	1,895
Second-hand	150	137	133	151
Vehicles				
New	284	197	191	152
Second-hand	122	57	54	63
Total acquisitions	4,148	2,912	2,739	2,261
Disposals				
Plant and machinery	165	176	165	123
Vehicles	71	44	43	15
Total disposals	236	220	208	137
New building work				
Capital expenditure on new building and other constructional work of a capital nature (excluding site values and development charges)	1,158	754	708	383



## TEXTILES COUNTRY TABLES

## TEXTILE FINISHING TRADE

1951

## Summary

## Larger establishments

TABLE 18

	England(a)	Wales (a)	Scotland	Great Britain	Northern Ireland	United Kingdom
	£'000	£'000	£'000	£'000	£'000	£'000
Gross output (production)	77,816	..	9,809	87,625	5,480	93,105
Cost of materials and fuel used	27,676	..	3,453	31,129	1,891	33,021
Payment for work done on materials given out	2,609	..	168	2,777	140	2,917
Transport payments	720	..	263	983	121	1,104
Net output	46,812	..	5,925	52,737	3,327	56,064
Wages and salaries of persons employed	26,345	..	3,258	29,603	1,700	31,303
	No.	No.	No.	No.	No.	No.
Average number of persons employed (b)	71,625	..	9,931	81,556	6,104	87,660
	£	£	£	£	£	£
Net output per person employed (b)	654	..	597	647	545	640
Stocks at end of year	£'000	£'000	£'000	£'000	£'000	£'000
Work in progress	2,609	..	291	2,900	629	3,529
Materials and fuel	7,544	..	1,114	8,658	405	9,063
	No.	No.	No.	No.	No.	No.
Number of establishments	632	..	65	697	62	759

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 production and work done (see Table 20)	77,485	..	9,773	87,258	5,426	92,685
Changes in work in progress (see Table 21)	+ 331	..	+ 36	+ 367	+ 54	+ 420
Gross output (production)	77,816	..	9,809	87,625	5,480	93,105
Materials and fuel used by firms in this trade						
Purchases	29,683	..	3,827	33,510	2,025	35,534
Changes in stocks (see Table 21)	- 2,007	..	- 373	- 2,381	- 133	- 2,514
Materials and fuel used	27,676	..	3,453	31,129	1,891	33,021

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

(b) Excluding outworkers but including working proprietors.

## Summary

## Small firms in Great Britain (a)

TABLE 19

	England	Wales	Scotland	Great Britain
Number of returns	215	-	15	230
Average number of persons employed (b)				
Males	490	-	77	567
Females	897	-	9	906
Total	1,387	-	86	1,473

(a) Small firms in Great Britain (employing on the average ten or fewer persons) that made satisfactory returns.

(b) Including working proprietors.

Production and work done in the trade  
Larger establishments

TABLE 20

	England and Wales		Scotland		Great Britain		Northern Ireland		United Kingdom	
	Quantity	Amount charged for work done	Quantity	Amount charged for work done	Quantity	Amount charged for work done	Quantity	Amount charged for work done	Quantity	Amount charged for work done
	Th. lbs.	£'000	Th. lbs.	£'000	Th. lbs.	£'000	Th. lbs.	£'000	Th. lbs.	£'000
<b>Principal products</b>										
Textile fibres, bleached, dyed, etc.										
Raw cotton	33,516	640	-	-	33,516	640	-	-	33,516	640
Cotton waste	15,149	293	-	-	15,149	293	-	-	15,149	293
Rayon, nylon, etc. staple fibre	..	(a)	..	(a)	3,590	145	-	-	3,590	145
Raw wool	21,738	548	4,769	134	26,507	682	-	-	26,507	682
Slubbing (of wool, etc.)	..	(a)	..	(a)	39,842	1,362	-	-	39,842	1,362
<b>Yarn, bleached, dyed, finished, etc., except silk yarn (thrown and spun) and yarn of rayon, nylon, etc., or of rayon, nylon, etc. and cotton</b>										
Cotton yarn, including sewing cotton										
Bleached, not mercerised	..	(a)	..	(a)	42,903	921	521	11(b)	43,424	932
Dyed, not mercerised	64,705	4,044	6,991	400	71,696	4,444	695	51	72,391	4,495
Mercerised, whether also bleached or dyed or not	..	(a)	..	(a)	32,081 ..	1,370 209	-	-	32,081 ..	1,370 209
Other than bleached, dyed or mercerised (including warp printed)	2,789	183	5	-	2,794	183	-	-	2,794	183
Total cotton yarn		6,055		1,072		7,127		61		7,189
Woollen yarn	11,465	394	7,371	343	18,836	738	-	-	18,836	738
Worsted yarn	21,705	766	6,060	285	27,765	1,051	-	-	27,765	1,051
Mohair, alpaca and kindred yarns	32	2	13	1	45	3	-	-	45	3
Flax yarn	332	6	17,289	288	17,721	294	23,552	527	41,273	820
Jute yarn	..	(a)	3,631	78	..	..	..	(a)	4,755	102
<b>Woven fabrics, bleached, dyed, printed, etc. (c)</b>										
Of cotton										
Bleached, but not dyed or printed	522,697	3,946	66,913	724	589,610	4,670	62,193	561	651,803	5,231
Dyed, but not printed	540,233	9,576	31,396	611	571,629	10,187	26,206	444	597,835	10,631
Printed, whether dyed or not	..	(a)	..	(a)	492,687	12,712	5,809	211	498,496	12,924
Finished only	266,401	1,460	6,975	61	273,376	1,521	9,814	148	283,190	1,669
Total woven fabrics of cotton		(a)		(a)		29,090		1,364		30,454

TABLE 20 (contd.)

	England and Wales		Scotland		Great Britain		Northern Ireland		United Kingdom	
	Quantity	Amount charged for work done	Quantity	Amount charged for work done	Quantity	Amount charged for work done	Quantity	Amount charged for work done	Quantity	Amount charged for work done
Principal products (contd.)	Th.sq. yds.	£'000	Th.sq. yds.	£'000	Th.sq. yds.	£'000	Th.sq. yds.	£'000	Th.sq. yds.	£'000
Woven fabrics, bleached, dyed, printed, etc. (contd.) (c)										
Of rayon, nylon, etc. continuous filament yarn										
Bleached, but not dyed or printed	..	(a)	..	(a)	3,635	68	-	-	3,635	68
Dyed, but not printed	177,582	4,056	21,267	613	198,849	4,669	-	-	198,849	4,669
Printed, whether dyed or not	..	(a)	..	(a)	47,857	2,579	-	-	47,857	2,579
Finished only	9,881	150	992	18	10,873	169	-	-	10,873	169
Of rayon, nylon, etc. spun yarn, or of spun yarn and continuous filament yarn										
Bleached, but not dyed or printed	..	(a)	..	(a)	8,392	83	-	-	8,392	83
Dyed, but not printed	87,268	1,588	15,651	373	102,919	1,962	-	-	102,919	1,962
Printed, whether dyed or not	123,952	4,190	17,607	647	141,559	4,837	-	-	141,559	4,837
Finished only	6,079	91	3,263	21	9,342	112	-	-	9,342	112
..	..	13	..	..	..	13	-	-	..	13
Wholly of rayon (spun yarn or continuous filament, unclassified)										
Dyed, but not printed	-	-	-	-	-	-	13,040	487	13,040	487
Printed, whether dyed or not	-	-	-	-	-	-	6,673	349	6,673	349
Other descriptions	-	-	-	-	-	-	3,113	74	3,113	74
Total woven fabrics of rayon, nylon, etc.		12,407		2,098		14,504		910		15,414
Of rayon, nylon, etc. and cotton (d)										
Bleached, but not dyed or printed	..	(a)	..	(a)	4,780	104	-	-	4,780	104
Dyed, but not printed	..	(a)	..	(a)	117,604	2,042	1,817	37	119,421	2,079
Printed, whether dyed or not	12,172	1,116	..	(a)	..	..	..	(a)	12,794	1,147
Finished only	14,768	130	..	(a)	..	..	..	(a)	20,791	198(e)
Total woven fabrics of rayon, nylon, etc. and cotton		(a)		(a)		3,447		81		3,528
Of silk, or of silk mixed with other materials	5,863	400	..	(a)	..	..	..	(a)	6,346	424
Woollen and worsted										
Printed, whether dyed or not	..	(a)	..	(a)	7,089	326	-	-	7,089	326
Other than printed										
Fabrics wholly or mainly of mohair, alpaca and cashmere, other than pile fabrics	..	(a)	..	(a)	1,443	49	-	-	1,443	49

Wool and mohair plushes and other pile fabrics of wool and hair	..	(a)	..	(a)	2,758	132	-	-	2,758	132
Other woollen fabrics	105,195	2,410	19,639	501	124,834	2,911	-	-	124,834	2,911
Other worsted fabrics	225,199	4,026	1,187	33	226,386	4,059	-	-	226,386	4,059
Unclassified woollen and worsted fabrics	..	(a)	-	-	..	..	..	(a)	..	14
Total woven woollen and worsted fabrics		6,830		(a)		..		(a)		7,518
Linen and union	6,569	466	2,370	100	8,939	566	80,949	2,064(f)	89,888	2,630
Jute	..	(a)	Th.cwts. 175	142	..	..	..	(a)	Th.cwts. 179	192
..			..	13					..	24
Total woven fabrics, bleached, dyed, printed, etc.		49,976		5,747		55,723		4,461		60,184
Silk yarn (thrown and spun) and yarn of rayon, nylon, etc., or of mixtures of rayon, nylon, etc. and cotton, bleached, dyed, finished, etc.; and burling and mending of woollen and worsted fabrics	..	1,220	..	94	..	1,313	-	-	..	1,313
Cutting of pile fabrics, including velvets, velveteens, corduroys, moleskins and similar goods	14,862	309	-	-	14,862	309	-	-	14,862	309
Shrinking										
Cotton and rayon, nylon, etc. fabrics	221,476	823	18,248	53	239,724	876	-	-	239,724	876
Woollen and worsted fabrics	..	(a)	..	(a)	38,524	415	-	-	38,524	415
Other and unclassified fabrics (g)	-	-	-	-	-	-	..	50	..	50
Proofing										
Cotton fabrics	..	(a)	..	(a)	56,244	797	-	-	56,244	797
Woollen and worsted fabrics	30,435	347	194	3	30,629	349	-	-	30,629	349
Other and unclassified fabrics (g)	..	(a)	-	-	..	..	..	(a)	..	16
Crease resisting	100,085	1,592	..	(a)	..	..	..	(a)	158,606	2,517
Hosiery and other knitted goods, bleached, dyed, finished, etc.										
Knitted fabrics					Th.lbs.				Th.lbs.	
Of cotton or of which the chief value was cotton	..	(a)	..	(a)	20,522	805	-	-	20,522	805
Of rayon, nylon, etc., or of which the chief value was rayon, nylon, etc.	..	(a)	..	(a)	12,607	746	-	-	12,607	746
Of wool or of which the chief value was wool	..	(a)	..	(a)	12,741	711	-	-	12,741	711
Total knitted fabrics		(a)		(a)		2,263		-		2,263
Stockings and socks	Th.do. prs.				Th.do. prs.				Th.do. prs.	
Of cotton or of which the chief value was cotton	5,738	421	-	-	5,738	421	-	-	5,738	421
Of rayon, nylon, etc. or of which the chief value was rayon, nylon, etc.	12,361	1,846	-	-	12,361	1,846	-	-	12,361	1,846

TABLE 20 (contd.)

	England and Wales		Scotland		Great Britain		Northern Ireland		United Kingdom	
	Quantity	Amount charged for work done	Quantity	Amount charged for work done	Quantity	Amount charged for work done	Quantity	Amount charged for work done	Quantity	Amount charged for work done
Principal products (contd.)	Th. doz. prs.	£'000		£'000	Th. doz. prs.	£'000		£'000	Th. doz. prs.	£'000
Hosiery and other knitted goods, bleached, dyed, finished, etc. (contd.)										
Stockings and socks (contd.)										
Of silk or of which the chief value was silk	2,062	231	-	-	2,062	231	-	-	2,062	231
Of wool or of which the chief value was wool	..	(a)	..	(a)	12,701	1,211	-	-	12,701	1,211
Total stockings and socks		(a)		(a)		3,709		-		3,709
Other knitted goods	..	(a)	..	(a)	..	244	-	-	..	244
Total hosiery and other knitted goods		6,150		66		6,216		-		6,216
Lace bleached or dyed, including lace curtains and other goods made on curtain machines	..	1,272	..	226	..	1,498	-	-	..	1,498
Engraving for calico printers	..	693	-	-	..	693	-	-	..	693
Other work done (appropriate to this trade)	..	1,189	..	42	..	1,232	..	99	..	1,331
Waste products sold (h)	..	922	..	87	..	1,010	..	11	..	1,021
Total principal products		75,779		9,448		85,227		5,383		90,610
Other output	Th. lbs.		Th. lbs.		Th. lbs.		Th. lbs.		Th. lbs.	
Yarn of cotton and rayon, nylon, etc. (other than continuous filament yarn)										
Reeled, wound, etc.	17,682	597	1,789	42	19,471	638	-	-	19,471	638
Beamed, sized, etc.	10,586	210	23	-	10,609	210	-	-	10,609	210
Wool rags and waste (dyed, carbonised, etc.)	3,893	83	-	-	3,893	83	-	-	3,893	83
Making-up of textiles (hemming, etc.)	..	100	..	(a)	..	..	..	(a)	..	192
Packing (including making-up)	..	627	..	(a)	..	..	..	(a)	..	836
Other work done	..	90	..	26	..	115	-	-	..	115
Total		77,485		9,773		87,258		5,426		92,685

- (a) Owing to the risk of disclosure of information relating to individual firms, separate particulars cannot be given.  
 (b) Recorded as 'Cotton yarns (including sewing cotton), bleached, mercerised, or otherwise treated'.  
 (c) The amount charged for bleached fabrics includes the cost of mercerising or finishing if done by the bleachers; the amount charged for dyed fabrics includes the cost of mercerising, bleaching or finishing if done by the dyers; and the amount charged for printed fabrics includes the cost of mercerising, bleaching, dyeing or finishing if done by the printers. Self-coloured linings are included under dyed fabrics and printed linings under printed fabrics.  
 (d) The Northern Ireland figures relate to 'Woven fabrics of rayon mixed with other materials, except silk'.  
 (e) Including any rayon, nylon, etc. and any cotton woven fabrics bleached, but not dyed or printed, by establishments in Northern Ireland.  
 (f) Recorded as:-

	Th. sq. yds.	£'000
Woven linen fabrics, pure or mixed		
Bleached, but not dyed or printed	36,340	768
Dyed, but not printed	20,149	929
Printed, whether dyed or not	652	51
Finished only	23,808	316

- (g) So far as recorded separately.  
 (h) Net selling value.

Work in progress and stocks of materials and fuel  
Larger establishments

TABLE 21

£'000

		England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom
Work in progress	{ at beginning of year	2,278	255	2,533	576	3,109
	{ at end of year	2,609	291	2,900	629	3,529
Materials and fuel	{ at beginning of year	5,537	741	6,278	272	6,549
	{ at end of year	7,544	1,114	8,658	405	9,063

## Employment in September

TABLE 22

## Larger establishments (a)(b)

## (i) Operatives

Number

	England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom
Males					
Under 18	1,936	301	2,237	398	2,635
All ages	45,039	4,741	49,780	4,046	53,826
Females					
Under 18	1,399	544	1,943	156	2,099
All ages	16,075	3,610	19,685	1,405	21,090
Total					
Under 18	3,335	845	4,180	554	4,734
All ages	61,114	8,351	69,465	5,451	74,916

## (ii) Administrative, technical and clerical employees

Number

	England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom
Males					
Under 18	284	29	313	16	329
All ages	7,452	944	8,396	432	8,828
Females					
Under 18	574	118	692	46	738
All ages	3,063	611	3,674	228	3,902
Total					
Under 18	858	147	1,005	62	1,067
All ages (c)	10,515	1,555	12,070	660	12,730

(continued overleaf)

TABLE 22 (contd.)

	(iii) Total employees					Number
	England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom	
Males						
Under 18	2,220	330	2,550	414		2,964
All ages	52,491	5,685	58,176	4,478		62,654
Females						
Under 18	1,973	662	2,635	202		2,837
All ages	19,138	4,221	23,359	1,633		24,992
Total						
Under 18	4,193	992	5,185	616		5,801
All ages (c)	71,629	9,906	81,535	6,111		87,646

(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	67	3	70	83		153
Females	23	-	23	8		31
Total	90	3	93	91		184

	(v) Excluded employees					Number
	England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom	
Canteen workers						
Males	16	3	19	1		20
Females	569	78	647	18		665
Total	585	81	666	19		685
Other workers						
Males	137	12	149	1		150
Females	71	15	86	-		86
Total	208	27	235	1		236
Total excluded employees	793	108	901	20		921

## Average employment

## Larger establishments (a)

	TABLE 23					Number
	England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom	
Operatives	61,166	8,351	69,517	5,363		74,880
Administrative, technical and clerical employees	10,369	1,577	11,946	650		12,596
Total	71,535	9,928	81,463	6,013		87,476

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	1	-	1	4		5
Females	316	12	328	56		384
Total	317	12	329	60		389

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

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	20,484	2,476	22,960	1,413		24,373
Administrative, technical and clerical employees	5,861	782	6,643	287		6,930
Total	26,345	3,258	29,603	1,700		31,303
Employers' contributions to all National Insurance Schemes	688	90	778	60		838

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

£'000				
England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom
36	1	37	4	41

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

## Larger establishments

TABLE 25

	TABLE 25					£'000
	England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom	
Plant, machinery and vehicles						
Acquisitions						
Plant and machinery						
New	2,855	572	3,427	165		3,592
Second-hand	122	12	134	15		150
Vehicles						
New	240	35	275	9		284
Second-hand	114	7	121	1		122
Total acquisitions	3,331	626	3,957	191		4,148
Disposals						
Plant and machinery	132	22	155	11		165
Vehicles	64	5	69	2		71
Total disposals	196	27	223	13		236
New building work						
Capital expenditure on new building and other constructional work of a capital nature (excluding site values and development charges)	890	218	1,109	50		1,158

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	613	224	837	121	958
Amount paid or credited to firms' own separate transport organisations	107	39	146	-	146
<b>Total</b>	<b>720</b>	<b>263</b>	<b>983</b>	<b>121</b>	<b>1,104</b>

## 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 merchandising 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, merchanted 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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