



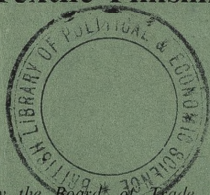
BOARD OF TRADE

FINAL REPORT
on the
CENSUS OF PRODUCTION
FOR 1948

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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1952

THREE SHILLINGS NET

2/2-52

In interpreting the data in the following tables, it is essential to bear in mind not only the qualifications mentioned in this report but also the general explanations and qualifications contained in the separate booklet published in this series by H.M. Stationery Office entitled "Final Reports of the Census of Production for 1948: Introductory Notes", price 2s 0d. 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 other than lace.

This trade corresponds to minimum list heading 123 (1), (2) and (5) in the Standard Industrial Classification.

Establishments in this trade in Northern Ireland (which are excluded in 1948) accounted in 1935 for about 5 per cent. of the net output for the United Kingdom.

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(9)

TEXTILE FINISHING TRADE

Summary

Larger establishments

TABLE 1

	1948 (a)	1937 (b)	1935 (b)
	£'000	£'000	£'000
Gross output (production)	57,691	32,347	30,462
Cost of materials and fuel used	20,167	12,054	11,624
Payment for work done on materials given out	2,265	602	487
Net output	35,259	19,691	18,351
Wages and salaries of persons employed	21,405	..	..
Average number of persons employed (c)	73,691 (d)	100,681	100,084
Net output per person employed (c)	478	196	183
	£'000	£'000	£'000
Stocks at end of year			
Work in progress	2,040	..	..
Materials and fuel	5,805	..	..
Number of establishments	No. 596	No. ..	No. 857

(a) Great Britain only.

(b) United Kingdom.

(c) Excluding outworkers.

(d) For an estimate of the total number of persons employed in this trade see Table 3.

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

	1948	1937	1935
	£'000	£'000	£'000
Output of firms in this trade			
Total value of production and work done			
Principal products (see Table 8)	56,286	31,642	29,931
Other output (see Table 10)	1,533	705	531
Adjustment for changes in work in progress (See Table 14)	+ 354		
Less payment for transport by other firms	58,173 481	32,347	30,462
Gross output (production)	57,691	32,347	30,462
Materials and fuel used by firms in this trade			
Purchases (see Table 13)	21,160	12,054	11,624
Adjustment for changes in stocks (see Table 14)	-993		
Materials and fuel used	20,167	12,054	11,624

Summary, 1948

Small firms in Great Britain

TABLE 2

Number of returns	104
Average number of persons employed (a)	
Males	460
Females	159
Total	619

(a) Including working proprietors.

Estimated average employment, 1948

All firms in Great Britain

TABLE 3

As returned by firms	
Employing on average more than ten persons (a)	73,691
Employing on average ten persons or less (b)	619
	74,310
Estimated average employment in firms not making satisfactory returns	282
Estimated average employment in all firms	74,592

(a) See Tables 1 and 15.

(b) See Table 2.

Analysis by size, 1948

Larger establishments in Great Britain

TABLE 4

Average number employed	Establishments	Gross output	Net output	Persons employed	Remuneration			Net output per person employed
					Wages	Salaries	Total	
11-24	No. 79	£'000 1,220	£'000 678	No. 1,433	£'000 311	£'000 89	£'000 400	£ 473
25-49	143	4,168	2,599	5,057	1,156	300	1,456	514
50-99	172	9,634	6,088	12,370	2,845	740	3,586	486
100-199	107	12,461	7,641	15,352	3,552	984	4,536	498
200-299	38	7,270	4,433	9,272	2,051	624	2,675	478
300-399	21	4,903	3,078	7,089	1,553	399	1,951	434
400-499	18	6,799	4,235	8,050	1,973	505	2,478	526
500-749	11	5,435	3,038	6,061	1,408	485	1,893	501
750-999	3	1,994	1,186	2,438	596	150	746	486
1,000 and over	4	3,809	2,362	6,569	1,349	335	1,684	360
Total	596	57,691	35,259	73,691	16,795	4,610	21,405	478

Analysis by standard region, 1948

Larger establishments in Great Britain

TABLE 5

Region	Establishments	Gross output	Net output		Persons employed	Remuneration		
			Value	Percentage of total		Wages	Salaries	Total
	No.	£'000	£'000		No.	£'000	£'000	£'000
England and Wales								
Northern	3	629	383	1.1	685	170	28	198
East and West Ridings of Yorkshire	157	11,467	6,738	19.1	12,569	3,079	907	3,985
North Midland	77	4,252	2,992	8.5	6,947	1,668	314	1,982
Eastern	5	492	202	0.6	574	106	49	156
London and South Eastern	15	770	558	1.6	1,304	299	64	363
Southern; South Western; and Wales	6	432	319	0.9	598	135	39	174
Midland	14	1,139	773	2.2	1,746	434	65	499
North Western	257	30,817	18,070	51.2	36,277	8,266	2,473	10,739
Total England and Wales	534	49,998	30,035	85.2	60,700	14,156	3,940	18,096
Scotland	62	7,693	5,224	14.8	12,991	2,639	670	3,309
Great Britain	596	57,691	35,259	100.0	73,691	16,795	4,610	21,405

Analysis according to specialisation within the trade, 1948

Larger establishments in Great Britain

TABLE 6

	Establishments	Gross output	Sales of characteristic products	Net output	Persons employed	Remuneration			Net output per person employed
						Wages	Salaries	Total	
	No.	£'000	£'000	£'000	No.	£'000	£'000	£'000	£
Specialist producers of									
Cotton yarn, bleached dyed, etc.	75	7,115	6,207	4,559	12,102	2,464	563	3,027	377
Woven cotton, rayon, nylon, etc. piece goods									
Bleached	34	3,413	2,624	2,373	4,875	1,057	296	1,354	487
Dyed	98	14,209	10,962	8,599	16,700	3,951	1,197	5,149	515
Printed	66	14,789	12,151	8,184	15,569	3,620	1,197	4,818	526
Other finishing	23	839	747	533	1,421	277	93	371	375
Woven woollen and worsted piece goods, stoved, dyed, etc.	78	5,147	4,684	3,064	6,066	1,512	368	1,880	505
Knitted fabrics or hosiery, bleached, dyed, etc.	65	3,764	3,408	2,750	6,315	1,513	281	1,794	435
Remainder of the trade	157	8,396		5,197	10,643	2,400	614	3,014	486
Total	596	57,691		35,259	73,691	16,795	4,610	21,405	478

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

	1948 (a)			1937 (b)		1935 (b)	
	Quantity	Amount charged for work done	Entries	Quantity	Value of work done	Quantity	Value of work done
	Th. lbs.	£'000	No.	Th. lbs.	£'000	Th. lbs.	£'000
Raw cotton (bleached, dyed, etc.)	49,692	623	16	14,413	117	12,896	104
Cotton waste (bleached, dyed, etc.)	16,045 ..	239 36	22	13,520	144	10,080	90
Raw wool (bleached, dyed, etc.)	33,825	771	31	13,685	196	12,896	183
Slubbing (bleached, dyed, etc.)	34,771	1,030	26	32,993	540	36,031	600
Rayon, nylon, etc. staple fibre (bleached, dyed, etc.)	926	46	13	..	(c)	..	(c)
Yarn							
Cotton, (including sewing cotton)							
Bleached, not mercerised	38,323	572	68	54,309	329	51,899	319
Dyed, not mercerised	68,194	3,370	104	90,663	2,213	87,012	2,129
Mercerised							
Grey yarn	19,875	742	35	27,729	706	27,599	746
Yarn already bleached or dyed	10,811	590	24				
Cotton thread, polished	3,424	177	9	5,227	76	5,112	80
Other than bleached, dyed, mercerised or polished, but excluding warp printed	16,192	1,279	13	987	79	..	(c)
Total cotton yarn		6,729	..		3,403		3,274
Woollen, pure or mixed (stoved, dyed, finished, etc.)	23,850	849	54	9,523	177	36,113	735
Worsted, pure or mixed (stoved, dyed, finished, etc.)	26,999	960	53	24,652	528		
Mohair, alpaca, etc. (stoved, dyed, finished, etc.)	856	28	11	247	3	314	2
Linen (bleached, dyed, printed, finished, etc.)	14,195	223	19	55,655	387	49,972	353
Jute (bleached, dyed, printed, finished, etc.)	3,637	68	8	7,156	37	5,220	29
Thrown silk (bleached, dyed, etc.)	194	76	8	547	117	448	105
Spun silk (bleached, dyed, etc.)	472	46	17	521	56	543	60
Rayon, nylon, etc. (bleached, dyed, etc.)							
Spun from staple fibre	1,836	114	28	5,065	165	4,778	151
Continuous filament	5,654	435	31				
Total yarn other than of cotton		2,800	..		1,470		1,435

TABLE 8 (contd.)

	1948 (a)				1937 (b)			1935 (b)		
	Quantity	Amount charged for work done	Entries	Quantity	Value of work done	Quantity	Value of work done			
	Th. sq. yds.	Th. lin. yds.	£'000	No.	Th. sq. yds.	Th. lin. yds.	£'000	Th. sq. yds.	Th. lin. yds.	£'000
Woven piece goods										
Cotton (excluding rayon, nylon, etc. mixtures)										
Bleached but not dyed or printed (d)	536,560	468,669	3,603	101	961,831	923,894	2,977	993,960	928,595	2,854
Dyed but not printed (d)	446,053	448,465	6,439	144	831,771	816,920	4,499	809,612	786,506	4,387
Printed, whether dyed or not (d)										
Grey cloth printed direct	1,421 ..	1,160 8,729	103 165	12	619,822	589,696	5,142	658,977	622,198	5,163
Grey cloth previously processed in the same factory	302,636	287,693	6,671								34
Grey cloth previously processed elsewhere	46,091	44,072	898	32						
Finished only										
Previously processed cloth	40,647 ..	37,353 ..	156 23	49	357,668	349,130	768	377,420	381,262	697
Loom state cloth	187,452	172,233	807								77
Total cotton piece goods			18,865	..			13,386			13,101
Rayon, nylon, etc.										
Bleached but not dyed or printed										
Wholly of continuous filament	3,834 4,136	3,651 ..	73 39	24						
Of spun yarn, mixed or not with continuous filament	9,501	9,224	144								21
Finished only										
Wholly of continuous filament					18,708	18,404	135	24,658	23,591	154(e)
Previously processed cloth	6,019	5,987	75	28						
Loom state cloth	4,573	4,376	55	20						
Of spun yarn, mixed or not with continuous filament	31,999	31,046	460	31						
Dyed but not printed										
Wholly of continuous filament	164,161	168,411	3,325	69	189,287	179,698	1,684	260,842	244,687	2,336(e)
Of spun yarn, mixed or not with continuous filament	65,543	63,714	1,624	63						

TABLE 8 (contd.)

	1948 (a)				1937 (b)			1935 (b)						
	Quantity		Amount charged for work done	Entries	Quantity		Value of work done	Quantity		Value of work done				
	Th. sq. yds.	Th. lin. yds.	£'000	No.	Th. sq. yds.	Th. lin. yds.	£'000	Th. sq. yds.	Th. lin. yds.	£'000				
Woven piece goods (contd.)														
Jute														
Bleached or finished	50,264	33,348	93	16										
Dyed but not printed	3,624	3,480	83				109	74,371	51,677	96				
Printed, whether dyed or not	356	613	31											
Total jute piece goods	808	..	23	10										
Total woven piece goods			273	..			109			96				
Total woven piece goods			37,269	..			22,580			21,316				
Knitted fabrics (bleached, dyed, etc.) (f)					Th. lbs.			Th. lbs.						
Of cotton	5,592	5,094	54	34	13,751	188	13,064	174						
Of wool, mixed or not with other materials	2,492	..	54											
Of rayon, nylon, etc., mixed or not with other materials	..	1,877	12											
Unclassified	..	..	308									
Total knitted fabrics	18,134	13,275	341	41	7,543	213	10,062	210						
Total knitted fabrics	..	..	310									
Total knitted fabrics	16,943	13,446	172	27	8,598	222	8,468	260						
Total knitted fabrics	..	..	36									
Total knitted fabrics	-	-	-	-	1,528	33	1,372	31						
Total knitted fabrics			1,287	..			656			675				
Hosiery (knitted, netted or crocheted goods), bleached, dyed, finished, etc.	Th. doz. prs.				Th. doz. prs.			Th. doz. prs.						
Stockings and socks														
Of cotton, or of which the chief value is cotton	4,577		334(g)	40	3,816	162	4,021	150						
Of wool, or of which the chief value is wool	10,067		813	41	10,708	391	9,118	376						
Of silk, or of which the chief value is silk	1,244		167	14	4,091	383	3,360	320						
Of rayon, nylon, etc., or of which the chief value is rayon, nylon, etc.	8,329		917(g)	32	7,802	352	6,912	306						
Other apparel	Th. doz.				Th. doz.			Th. doz.						
Of wool, or of which the chief value is wool														
Underwear and nightwear, including knitted shirts	322		89	11	348	63	561	65						
Outerwear	331		43	11	353	18								
Of other materials	126		24	8	179	7	142	7						
Unclassified (h)	..		63	49	-	-	-	-						
Total hosiery			2,450	..			1,376			1,224				

TABLE 8 (contd.)

	1948 (a)			1937 (b)		1935 (b)				
	Quantity	Amount charged for work done	Entries	Quantity	Value of work done	Quantity	Value of work done			
	Th. prs.	£'000	No.	Th. prs.	£'000	Th. prs.	£'000			
Blankets already made up (bleached, dyed, etc.)	1,026	96	7	2,298	86	2,249	78			
Other textile manufactures (bleached, dyed, printed, finished, etc.), except lace	..	11								
Of cotton	..	598		38	..	224	..	206		
Of wool	..	77	15	..	28	..	22			
Of rayon, nylon, etc.	..	152	17	..	94	..	101			
Of other textile materials	..	65	7							
Total bleaching, dyeing, printing, finishing, etc.		54,278	..		30,914		29,308			
Cutting of pile fabrics, including velvets, velveteens, corduroys, moleskins and similar goods	Th. sq. yds.	Th. lin. yds.		Th. sq. yds.	Th. lin. yds.	Th. sq. yds.	Th. lin. yds.			
Of cotton	8,672	10,528	136	11	15,333	19,219	137	15,503	19,907	138
Of other textile materials	870	12	4	..	10	..	8			
Engraving for calico printers	..	396	18	..	361	..	324			
Shrinking										
Cotton piece goods	142,979	463	56	..	67	..	62			
Woollen and worsted; and rayon, nylon, etc., piece goods	30,421	285	29	..	170(j)	..	127(1)			

TABLE 8 (contd.)

	1948 (a)				1937(b)			1935 (b)		
	Quantity		Amount charged for work done	Entries	Quantity		Value of work done	Quantity		Value of work done
	Th. sq. yds.	Th. lin. yds.	\$'000	No.	Th. sq. yds.	Th. lin. yds.	\$'000	Th. sq. yds.	Th. lin. yds.	\$'000
Woven piece goods (contd.)										
Rayon, nylon, etc. (contd.)										
Printed, whether dyed or not										
Wholly of continuous filament										
Grey cloth previously processed in the same factory	37,864	37,536	1,468	20						
Grey cloth printed direct; and grey cloth previously processed elsewhere	7,762	7,659	330	24						
Of spun yarn, mixed or not with continuous filament										
Printed by hand-block and screen										
Grey cloth previously processed in the same factory	4,272	4,231	555	18	55,283	54,315	948	76,037	76,477	1,208 (e)
Grey cloth printed direct; and grey cloth previously processed elsewhere	694	660	77	14						
Printed by machine										
Grey cloth printed direct	659	659	17	..						
Grey cloth previously processed in the same factory	53,626	52,780	1,772	17						
Grey cloth previously processed elsewhere	2,491	2,490	42	5						
Total rayon, nylon, etc., piece goods			10,275	..			2,767			3,798 (e)
Rayon, nylon, etc. mixed with other materials except silk										
Bleached but not dyed or printed	2,027	1,576	34	16	27,831	25,947	146			
Finished only	7,530	6,212	58	32						
Dyed but not printed	62,426	53,879	996	69	117,853	110,184	924			
Printed, whether dyed or not										
Grey cloth previously processed in the same factory	4,336	3,816	195	22				..	..	(c)
Grey cloth printed direct; and grey cloth previously processed elsewhere	1,109	..	65	..	44,401	39,276	586			
Total rayon, nylon, etc., mixture piece goods			1,394				1,656			(c)

TABLE 8 (contd.)

	1948(a)				1937(b)			1935 (b)		
	Quantity		Amount charged for work done	Entries	Quantity		Value of work done	Quantity		Value of work done
	Th. sq. yds.	Th. lin. yds.	\$'000	No.	Th. sq. yds.	Th. lin. yds.	\$'000	Th. sq. yds.	Th. lin. yds.	\$'000
Woven piece goods (contd.)										
Silk, pure or mixed										
Bleached but not dyed or printed	965	824	13	8						
Finished only	865	860	8	13						
Dyed but not printed	1,710	1,611	67	27	12,601	12,977	252	12,180	11,915	229
Printed, whether dyed or not	2,052	2,076	261	26	7,401	7,635	384	6,976	6,671	295
Total silk piece goods			349	..			669			539
Woolen and worsted										
Flannels and delaines (stoved, dyed, finished, etc.)	23,086	20,001	366	30	16,723	14,907	163	12,965	12,254	137
Wool and mohair plushes and other pile fabrics of wool and hair (stoved, dyed, finished, etc.)	2,526 2,379 ..	1,866	99 23 34	14	3,433	2,654	69			
Tissues wholly or mainly of mohair, alpaca and casimere, not being pile fabrics (stoved, dyed, finished, etc.)	8,047	5,737	62	6	3,586	2,449	33	6,056	4,517	76
Other worsted tissues, pure or mixed (stoved, dyed, finished, etc.)	94,804	65,158	2,492	69						
Other woollen tissues, pure or mixed (stoved, dyed, finished, etc.)	85,484 8,840 ..	65,088	1,676 245 148	117	223,793	156,614	2,623	214,598	154,310	2,572
Piece goods printed, whether dyed or not	9,360	7,870	354	25	..	..	(c)	..	..	(c)
Total woollen and worsted piece goods			5,517	..			2,868			2,765
Linen, pure or mixed										
Bleached	2,943	1,950	45	21						
Finished only	93	102	2	8	103,935	103,816	575	90,604	93,818	497
Printed										
Hand-block and screen	664 ..	539 ..	108 20	21	579	472	54	491	391	36
Machine	4,607 473	4,252 ..	344 44	15	4,811	4,671	174	5,474	5,328	155
Dyed in the piece	1,007	890	34	24	32,462	36,212	302	35,546	37,965	309
Total linen piece goods			595	..			1,105			997

TABLE 9 (contd.)

	1948 (a)				1937 (b)				1935 (b)				
	Quantity		Amount charged for work done	Entries	Quantity		Value of work done	Quantity		Value of work done	Quantity		Value of work done
	Th. sq. yds.	Th. lin. yds.	£'000	No.	Th. sq. yds.	Th. lin. yds.	£'000	Th. sq. yds.	Th. lin. yds.	£'000	Th. sq. yds.	Th. lin. yds.	£'000
Woven piece goods (contd.)													
Rayon, nylon, etc., mixed with other materials except silk													
Bleached but not dyed or printed; and finished only	-	-	-	-	850	1,544	9	-	-	-	-	-	-
Dyed but not printed	-	-	-	-	401	369	4	-	-	-	-	-	-
Silk, pure or mixed													
Bleached but not dyed or printed; and finished only	-	-	-	-	21	30	1	31	31	-	-	-	-
Dyed but not printed	6	11	-	..	768	727	15	-	-	-	-	-	-
Printed, whether dyed or not	-	-	-	-	193	174	12	1,168	1,109	29	-	-	-
Woollen and worsted													
Flannels and delaines (stoved, dyed, finished, etc.); and wool and mohair plushes and other pile fabrics of wool and hair (stoved, dyed, finished, etc.)	37	32	1	..	297	196	5	77	89	1	-	-	-
Other worsted tissues, pure or mixed (stoved, dyed, finished, etc.)	2,055	1,412	54	16									
Other woollen tissues, pure or mixed (stoved, dyed, finished, etc.)	..	..	144	43	3,704	2,562	41	6,233	4,299	43	-	-	-
Spun silk yarn; rayon, nylon, etc., continuous filament yarn; woven jute piece goods; and knitted fabrics (bleached, dyed, printed, etc.)	..		296	..	..		11	..		16			
Hosiery, unclassified (bleached, dyed finished, etc.)	..		63	49	-		-			-			
Other textile manufactures (bleached, dyed, printed, finished, etc.), except lace													
Of cotton	..		29	7	-		-			-			
Of wool	..		16		13	..		1			
Of rayon, nylon, etc.	..		21		1	..		4			
Of other textile materials	..		39								

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TABLE 9 (contd.)

	1948 (a)			1937 (b)		1935 (b)	
	Quantity	Amount charged for work done	Entries	Quantity	Value of work done	Quantity	Value of work done
	Th. sq. yds.	£'000	No.	Quantity	£'000	Quantity	£'000
Cutting of pile fabrics, including velvets, velveteens, corduroys, moleskins and similar goods							
Of textile materials other than cotton	-	-	-	..	6	..	5
Shrinking of cotton, woollen and worsted, and rayon, nylon, etc., piece goods	696	7	..	-	-	-	-
Proofing (except rubberising) of textile piece goods	6,622	107	7	..	92	..	55
	..	61					
Total		930			314		253

(a) Great Britain only.

(b) United Kingdom.

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TABLE 8 (contd.)

	1948 (a)			1937 (b)		1935 (b)	
	Quantity	Amount charged for work done	Entries	Quantity	Value of work done	Quantity	Value of work done
	Th. sq. yds.	£'000	No.		£'000		£'000
Proofing, (except rubberising)							
Cotton piece goods	40,307	324	33	..	101	..	48
Woollen and worsted piece goods	8,848	64	23	..	36	..	23
Other textile piece goods (j)	4,330	102	8	..	48	..	22
	..	69		..	45	..	33
Unclassified	..	56	..	..	45	..	33
Other work done (except winding, sizing, beaming, etc., and making-up)	..	515	52	..	67	..	91
Waste products sold	..	517(k)	185	..	(c)	..	(c)
Total		57,216	..		31,956		30,184
Less production and work done in other trades (see Table 9)		930	..		314		253
Total production and work done ("principal products") by establishments in the trade		56,286	566		31,642		29,931

(a) Great Britain only.

(b) United Kingdom.

(c) Not recorded separately.

(d) The amount charged for bleached goods includes the cost of mercerising and finishing if this work was done by the bleaching firms; the amount charged for dyed goods includes the cost of bleaching, mercerising and finishing if done by the dyers; and the amount charged for printed goods includes the cost of all process work incidental to the production of prints. Self-coloured linings are included with dyed goods and printed linings with printed goods.

(e) Including rayon, nylon, etc., mixture piece goods.

(f) For 1937 and 1935 the classification was as follows:-

Wholly or mainly of cotton
Wholly or mainly of wool
Wholly or mainly of artificial silk

(g) Stockings with rayon, nylon, etc., panels are all included with rayon, nylon, etc.

(h) Returned by establishments classified to the Hosiery Trade and described as "Finishing".

(i) Shrinking of woollen and worsted piece goods only.

(j) So far as recorded separately.

(k) Selling value.

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

Larger establishments

TABLE 9

	1948 (a)			1937 (b)		1935 (b)	
	Quantity	Amount charged for work done	Entries	Quantity	Value of work done	Quantity	Value of work done
	Th. lbs.	£'000	No.	Th. lbs.	£'000	Th. lbs.	£'000
Cotton waste (bleached, dyed, etc.); and raw wool (bleached, dyed, etc.)	..	38	..	166	7	121	2
Slubbing (bleached, dyed, etc.)	-	-	-	92	2	-	-
Yarn, except spun silk and rayon, nylon, etc., continuous filament yarn							
Cotton (including sewing cotton)							
Ebleached, not mercerised	28	1	..	82	-	213	4
Dyed, not mercerised	123	8	..	965	29	312	11
Mercerised yarn already bleached or dyed	8	-	..	-	-	-	-
Woollen, pure or mixed (stoved, dyed, finished, etc.)	955	32	5	332	7	1,555	45
Worsted, pure or mixed (stoved, dyed, finished, etc.)	148	5	..	492	10	-	-
Linen (bleached, dyed, printed, finished, etc.)	3	-	..	-	-	14	-
Jute (bleached, dyed, printed, finished, etc.)	6	-	..	-	-	-	-
	Th. sq. yds.	Th. lin. yds.		Th. sq. yds.	Th. lin. yds.	Th. sq. yds.	Th. lin. yds.
Woven piece goods							
Cotton (excluding rayon, nylon etc., mixtures)							
Dyed but not printed	38	38	1	1,119	1,119	10	-
Printed, whether dyed or not	-	-	-	-	-	37	25
Rayon, nylon, etc.							
Dyed but not printed	-	-	-	2,991	2,836	36	-
Printed, whether dyed or not	-	-	-	36	34	3	2,166

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

Larger establishments

TABLE 10

	1948 (a)		1937 (b)		1935 (b)	
	Quantity	Amount charged for work done	Quantity	Value of work done	Quantity	Value of work done
Winding, sizing and beaming	Th. lbs.	£'000	Th. lbs.	£'000	Th. lbs.	£'000
Of cotton yarn	28,339	631	30,699	253	25,234	209
Of rayon, nylon, etc., yarn	1,625	64	3,055	92	2,863	93
Doubling rayon, nylon, etc., yarn	-	-	594	17		
Winding and warping of woollen and worsted yarn	..	68	..	3	..	1
Lace curtains and other goods made on lace curtain machines (bleached, dyed, finished, etc.)	Th. sq. yds.		Th. sq. yds.		..	56
15,986	211	20,346	146	..	..	..
Making-up of textiles	Th. prs.					
Sheets	884	31	}	-	-	-
Blankets	758	33				
Towels	1,133	55				
Other goods for household purposes	21	13				
Packing (including making-up)	..	15	..	6	..	27
Wool rags and waste (dyed, carbonised, etc.)	Th. lbs.		..	36	..	35
5,367	131	..	..	149	..	107
Other work done	..	273	..	1(c)	..	3(c)
Electricity and steam sold	..	7(c)	..	1(c)	..	3(c)
Total		1,533		705		531

(a) Great Britain only.
(b) United Kingdom.
(c) Selling value.

TABLE 11 - Analysis of sales, 1948; Larger establishments in Great Britain

TABLE 12 - Production, exports and imports of certain principal products

These tables are not applicable to the trade.

Purchased materials and fuel

Larger establishments

TABLE 13

	1948 (a)		1937 (b)		1935 (b)	
	Materials and fuel purchased		Usage of purchased materials and fuel			
	Quantity	Cost	Quantity	Cost	Quantity	Cost
	Th. cwts.	£'000	Th. cwts.	£'000	Th. cwts.	£'000
Materials						
Wheat starch and flour	16.5	34	64.1	51	57.5	39
Maize starch and flour	123.8	353	142.7	95	124.1	77
Potato starch (farina)	35.4	88	64.7	42	51.3	33
Other starch and flour	54.0	135	43.7	31(c)	44.9	29(c)
Dextrine	108.5	314	230.1	191	214.4	167
French chalk	15.3	15	63.0	26	51.4	23
Magnesium sulphate	39.0	20	115.5	28	117.6	32
Dyestuffs						
Chrome and mordant colours (including alizarine)	56.7	662	57.9	424	}	.. (g)
Basic colours	1.5	20	6.9	65		
Indigo colours	15.7	113	69.9	1,126		
Vat colours	44.2	2,118				
Direct cotton colours (including union)	27.7	875	50.2	611		
Sulphur colours	28.5	266	51.4	224		
Acid wool colours	21.7	744	25.8	335		
Cellulose acetate dyestuffs	7.6	239	12.7	243		
Oil, spirit and wax dyestuffs	2.4	11	6.2	11		
Azo dyes	9.8	458	100.0	452(d)		
Pigment colours	9.7	71				
Other dyestuffs, finished or intermediate	31.2	347				
Bleaching powder	76.2	34	180.5	55		
Soaps, detergents and finishing oils	294.9	1,135	}	}		
Sodium hypochlorite liquor	Th. galls. 1,633	86				
	Th. cwts. 55.6	28				
Other bleaching agents	86.1	156	3613.0	1,787(f)		
Reducing agents	90.5	367				

TABLE 13 (contd.)

	1948 (a)		1937 (b)		1935 (b)	
	Materials and fuel purchased		Usage of purchased materials and fuel			
	Quantity	Cost	Quantity	Cost	Quantity	Cost
Materials (contd.)	Th. cwts.	£'000	Th. cwts.	£'000	Th. cwts.	£'000
Acids	426.9	386				
Alkalis	1,210.5	572				
Natural gums	26.2	178				
Other chemicals	..	1,366				
Packing materials	..	804	..	382		
Replacement parts for firms' machinery	..	1,169			..	8,994 (e)
All other purchased materials	..	2,362	..	3,178		
Unclassified	..	112	-	-	-	-
Fuel and electricity	Th. tons		Th. tons		Th. tons	
Coal	1,577.8	4,315	2,237.8	2,209	2,223.9	1,908
Coke	8.6	30	..	(g)	12.2	12
Electricity purchased (h)	Th. B. T. U. (kW. hrs.)		Th. B. T. U. (kW. hrs.)		Th. B. T. U. (kW. hrs.)	
From public supply	98,707	465				
From other sources	560	4	97,317	312	88,407	260
Electricity obtained from other works under the same ownership	4,558	15				
Motor spirit (petrol) and deriv. fuel	Th. galls.				Th. galls.	
Used for road vehicles	860	84				
Used for other power purposes	68	4	..	(g)	..	(g)
Other oil fuel (including creosote/pitch mixtures)	12,049	418	..	(g)	600	10(1)
Gas purchased, including gas obtained from other works under the same ownership	Th. terms 1,803 Th. cu. ft. 2,102	70	..	174	..	(g)
All other purchased fuel	..	116				
Total		21,160		12,054		11,624

- (a) Great Britain only.
 (b) United Kingdom.
 (c) Tapioca and rice starch and flour only.
 (d) Described as "Other finished dyestuffs".
 (e) Including fuel not specified separately.
 (f) Described as "Other bleaching and finishing materials".
 (g) Not recorded separately.
 (h) The total quantity of electricity consumed in 1948 was 177,139,000 B.T. units including 73,314,000 generated in the same works.
 (1) Described as "Heavy fuel oil".

Work in progress and stocks
 of materials and fuel, 1948
 Larger establishments in Great Britain

TABLE 14	At beginning of year		At end of year	
	Quantity	Value	Quantity	Value
		£'000		£'000
Work in progress		1,686		2,040
Materials and fuel	Th. cwts.		Th. cwts.	
Dyestuffs	125.3	2,352	138.0	3,008
	..	245	..	284
	Th. tons		Th. tons	
Coal	196.2	472	192.2	493
Other descriptions	..	1,743	..	2,020
Total materials and fuel		4,812		5,805

Employment and remuneration (a)

Larger establishments

TABLE 15

	Average number of operatives			Administrative, technical and clerical employees (b)			Total		
	1948(c)	1937(d)	1935(d)	1948(c)	1937(d)	1935(d)	1948(c)	1937(d)	1935(d)
Males									
Under 18	1,991	7,286	6,471	245	538	436	2,236	7,824	6,907
All ages	44,282	68,022	68,275	7,164	7,879	7,738	51,446	75,901	76,013
Females									
Under 18	2,600	5,503	4,918	604	667	485	3,204	6,170	5,403
All ages	19,319	21,828	21,345	2,868	2,952	2,726	22,187	24,780	24,071
Total									
Under 18	4,591	12,789	11,389	849	1,205	921	5,440	13,994	12,310
All ages	63,601	89,850	89,620	10,032 (e)	10,831	10,464	73,633 (e) (f) (g)	100,681	100,084
Total remuneration	£'000			£'000			£'000		
	16,795	..	..	4,610	..	..	21,405	..	..

(a) Excluded employees. The following numbers were employed at establishments in this trade but are not included in the table or in any other report (e.g., employees in a separate selling or transport organisation for which separate accounts are kept):-

Canteen workers	12 males	667 females
Other workers	119 males	156 females

(b) Number at September 25, 1948, October 16, 1937, and October 12, 1935.

(c) Great Britain only.

(d) United Kingdom.

(e) There were, in addition, 58 working proprietors (56 males and 2 females) in 1948. Working proprietors are included in the 1937 and 1935 figures.

(f) The employers' share of contributions to all National Insurance Schemes payable during the year in respect of these workers amounted to £563,000.

(g) The following persons (included in this total) were employed on special work by establishments employing 100 or more persons:-

	Operatives	Administrative, technical and clerical employees
Transport of goods outside the premises	504	
Maintenance and repair of firms' buildings, but not plant	341	
Research work not directly connected with current production however charged	12	106

In addition to the employees in the above table the firms in this trade employed 121 female outworkers in 1948, the amount paid to them being £12,000. Similar information is not available for 1937 and 1935.

Wages and salaries paid, 1948 (a)

Larger establishments in Great Britain

TABLE 16

	Amount paid by all establishments	Establishments making returns for the calendar year						
		Amount paid	Percentage of annual remuneration paid in					
			First quarter	Second quarter	Third quarter	Fourth quarter	Year	
Wages and salaries of	£'000	£'000						
Operatives	16,795	9,052	23.7	24.6	24.4	27.3	100.0	
Administrative, technical and clerical employees	4,610	2,361	23.6	24.6	24.9	27.0	100.0	
Total	21,405	11,413	23.7	24.6	24.5	27.3	100.0	

(a) Including bonus and commission payments.

Payments for work done on materials given out, 1948

Larger establishments in Great Britain

TABLE 17

Work done	Amount paid
	£'000
Bleaching	385
Printing	223
Dyeing	725
Finishing	422
Making-up	38
Packing	28
Other work	445
Total	2,265

Payments for certain services, 1948
Larger establishments in Great Britain

TABLE 18

	Amount paid
	£'000
Repair and maintenance	
Of buildings	488
Of plant, machinery and vehicles	918
Unclassified	573
Hire of plant, machinery and vehicles	72
Advertising and market research	
Advertising in newspapers, magazines and periodicals	27
Other advertising services (poster display, despatch of circulars, etc.) and market research	6
Unclassified	38
Payments made for research work	
To research associations	9
To universities, institutions, academic bodies and similar agencies	4
To other commercial concerns	46
Postage, telephone, telegrams and cables	119
Commercial insurance premiums	405
Rates (excluding water rates) payable in the year	117(a)

(a) Including £8,000 returned as "Rates (including water rates) payable in the year".

Plant, machinery and vehicles acquired and disposed of, 1948
Larger establishments in Great Britain

TABLE 19

	Acquisitions		Disposals
	New	Second-hand	
	£'000	£'000	£'000
Plant and machinery	1,895	151	123
Vehicles	152	63	15
Total	2,047	213	137

Capital expenditure on building work and changes in
occupation of buildings and land, 1948

Larger establishments in Great Britain

TABLE 20

	£'000	£'000
1. Capital expenditure on building work (a)		383
2. Existing buildings and land (b)		
(1) Capital cost of freeholds bought	41	
Estimated capital value of		
(11) Rented property newly occupied in the year (c)	21	
(111) Leasehold buildings and land newly occupied in the year	87	
Total of heading 2		149
Total of headings 1 and 2		532
3. Existing buildings and land relinquished (d)		
(1) Selling value of freeholds sold	11	
(11) Estimated value of other properties relinquished	3	
Total of heading 3		14
4. Headings 1 and 2 less heading 3		518

(a) Excluding site value which, where appropriate, is included in heading 2(1).

(b) The figures do not reflect changes in ownership of previously occupied land and buildings.

(c) Property which is occupied under an agreement for the payment of rent without the purchase of a lease or the payment of a premium.

(d) Including property destroyed or abandoned.

1948

Summary

Larger establishments

NOTE - Owing to the risk of disclosure of information relating to individual firms separate particulars for Wales cannot be given.

TABLE 21

	England and Wales	Scotland	Great Britain
Gross output (production)	£'000 49,998	£'000 7,693	£'000 57,691
Cost of materials and fuel used	17,840	2,327	20,167
Payment for work done on materials given out	2,123	142	2,265
Net output	30,035	5,224	35,259
Wages and salaries of persons employed	18,096	3,309	21,405
Average number of persons employed (a)	No. 60,700	No. 12,991	No. 73,691
Net output per person employed (a)	£ 495	£ 402	£ 478
Stocks at end of year	£'000	£'000	£'000
Work in progress	1,868	172	2,040
Materials and fuel	5,023	782	5,805
Number of establishments	No. 534	No. 62	No. 596

(a) Excluding outworkers.

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

	England and Wales	Scotland	Great Britain
Output of firms in this trade	£'000	£'000	£'000
Total value of production and work done (see Table 23)	50,007	7,811	57,818
Adjustment for changes in work in progress	+ 339	+ 15	+ 354
	50,346	7,826	58,173
Less payment for transport by other firms	348	133	481
Gross output (production)	49,998	7,693	57,691
Materials and fuel used by firms in this trade			
Purchases (see Table 24)	18,718	2,442	21,160
Adjustment for changes in stocks	- 877	- 115	- 993
Materials and fuel used	17,840	2,327	20,167

Summary

Small firms

TABLE 22

	England	Scotland	Great Britain (a)
Number of returns	94	10	104
Average number of persons employed (b)			
Males	412	48	460
Females	154	5	159
Total	566	53	619

(a) There were no small firms in Wales in the register for this trade.
(b) Including working proprietors.

Production and work done in the trade
Larger establishments

TABLE 23

	England and Wales		Scotland		Great Britain	
	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
Principal products						
Raw cotton (bleached, dyed, etc.)	49,692	623	-	-	49,692	623
Cotton waste (bleached, dyed, etc.); and raw wool (bleached, dyed, etc.)	41,665	836	8,119	171	49,784	1,008
Slubbing (bleached, dyed, etc.)	..	(a)	..	(a)	34,771	1,030
Rayon, nylon, etc. staple fibre (bleached, dyed, etc.)	..	(a)	..	(a)	926	46
Yarn, except spun silk yarn and rayon, nylon, etc. continuous filament yarn						
Cotton, (including sewing cotton)						
Bleached, not mercerised	..	(a)	..	(a)	38,295	571
Dyed, not mercerised	62,241	3,124	5,830	239	68,071	3,362
Mercerised						
Grey yarn					19,875	742
Yarn already bleached or dyed	..	(a)	..	(a)	10,803	590
Cotton thread, polished					3,424	177
Other than bleached, dyed, mercerised or polished, but excluding warp printed	3,750	160	12,442	1,119	16,192	1,279
Total cotton yarn		4,749		1,971		6,720
Woolen, pure or mixed (stoved, dyed, finished, etc.)	14,655	468	8,240	349	22,895	817
Worsted, pure or mixed (stoved, dyed, finished, etc.)	19,873	646	6,978	309	26,851	955
Mohair, alpaca, etc. (stoved, dyed, finished, etc.)					856	28
Linen (bleached, dyed, printed, finished, etc.)	..	(a)	..	(a)	14,192	222
Jute (bleached, dyed, printed, finished, etc.)					3,631	68
Thrown silk (bleached, dyed, etc.)	194	76	-	-	194	76
Rayon, nylon, etc. (bleached, dyed, etc.)						
Spun from staple fibre	1,063	77	773	37	1,836	114

TABLE 23 (contd.)

	England and Wales			Scotland			Great Britain		
	Quantity		Amount charged for work done	Quantity		Amount charged for work done	Quantity		Amount charged for work done
	Th. sq. yds.	Th. lin. yds.	£'000	Th. sq. yds.	Th. lin. yds.	£'000	Th. sq. yds.	Th. lin. yds.	£'000
Principal products (contd.)									
Woven piece goods									
Cotton (excluding rayon, nylon, etc. mixtures)									
Bleached but not dyed or printed	478,746	421,201	3,134	57,814	47,468	469	536,560	468,669	3,603
Dyed but not printed	423,061	428,285	6,049	22,954	20,142	389	446,015	448,427	6,438
Printed, whether dyed or not									
Grey cloth printed direct	..	..	(a)	..	..	(a)	1,421	1,160	103
Grey cloth previously processed in the same factory	..	..	(a)	..	..	(a)	..	8,729	165
Grey cloth previously processed elsewhere	45,895	43,876	891	196	196	7	46,091	44,072	898
Finished only									
Previously processed cloth	37,846	34,638	147	2,801	2,715	8	40,647	37,353	156
Loom state cloth	184,959	163,751	790	2,493	2,482	17	..	..	23
Total cotton piece goods			17,565			1,300			18,865
Rayon, nylon, etc.									
Bleached but not dyed or printed									
Wholly of continuous filament	3,077	3,038	60	757	613	13	3,834	3,651	73
Of spun yarn, mixed or not with continuous filament	4,136	..	39	..	..	(a)	4,136	..	39
Finished only									
Wholly of continuous filament									
Previously processed cloth	5,778	5,763	73	241	224	2	9,501	9,224	144
Loom state cloth	..	..	(a)	..	..	(a)	6,019	5,987	75
Total rayon, nylon, etc.							4,573	4,376	55

TABLE 23 (contd.)

	England and Wales			Scotland			Great Britain		
	Quantity		Amount charged for work done	Quantity		Amount charged for work done	Quantity		Amount charged for work done
	Th. sq. yds.	Th. lin. yds.	£'000	Th. sq. yds.	Th. lin. yds.	£'000	Th. sq. yds.	Th. lin. yds.	£'000
Principal products (contd.)									
Woven piece goods (contd.)									
Rayon, nylon, etc. (contd.)									
Finished only (contd.)									
Of spun yarn, mixed or not with continuous filament	..	..	(a)	..	..	(a)	31,999	31,046	460
Dyed, but not printed									
Wholly of continuous filament	138,084	142,800	2,689	26,077	25,611	636	164,161	168,411	3,325
Of spun yarn, mixed or not with continuous filament	41,672	40,206	932	23,871	23,508	693	65,543	63,714	1,624
Printed, whether dyed or not									
Wholly of continuous filament									
Grey cloth previously processed in the same factory	..	..	(a)	..	..	(a)	37,664	37,536	1,468
Grey cloth printed direct; and grey cloth previously processed elsewhere	4,449	4,346	271	3,313	3,313	59	7,762	7,659	330
Of spun yarn, mixed or not with continuous filament									
Printed by hand-block and screen									
Grey cloth previously processed in the same factory							4,272	4,231	555
Grey cloth printed direct; and grey cloth previously processed elsewhere	..	..	(a)	..	..	(a)	694	660	77
Printed by machine									
Grey cloth printed direct							659	659	17
							29	..	3

TABLE 23 (contd.)

	England and Wales			Scotland			Great Britain		
	Quantity		Amount charged for work done	Quantity		Amount charged for work done	Quantity		Amount charged for work done
	Th. sq. yds.	Th. lin. yds.	£'000	Th. sq. yds.	Th. lin. yds.	£'000	Th. sq. yds.	Th. lin. yds.	£'000
Principal products (contd.)									
Woven piece goods (contd.)									
Rayon, nylon, etc. (contd.)									
Printed, whether dyed or not (contd.)									
Of Spun Yarn, mixed or not with continuous filament (contd.)									
Printed by machine (contd.)									
Grey cloth previously processed in the same factory	..	..	(a)	..	..	(a)	53,626	52,780	1,772
							..	8,683	215
Grey cloth previously processed elsewhere	..	..	(a)	..	..	(a)	2,491	2,490	42
Total rayon, nylon, etc. piece goods			8,242			2,033			10,275
Rayon, nylon, etc. mixed with other materials except silk									
Bleached but not dyed or printed	..	..	(a)	..	..	(a)	2,027	1,576	34
Finished only	..	..	(a)	..	..	(a)	7,530	6,212	58
Dyed but not printed	61,871	53,346	984	555	533	14	62,426	53,879	998
Printed, whether dyed or not									
Grey cloth previously processed in the same factory	..	..	(a)	..	..	(a)	4,336	3,816	195
							1,109	..	65
Grey cloth printed direct; and grey cloth previously processed elsewhere	..	..	(a)	..	..	(a)	421	346	30
							200	..	13
Total rayon, nylon, etc., mixture piece goods			1,359			35			1,394
Silk, pure or mixed									
Bleached but not dyed or printed	..	..	(a)	..	..	(a)	965	824	13
Finished only	..	..	(a)	..	..	(a)	865	860	8

TABLE 23 (contd.)

	England and Wales			Scotland			Great Britain		
	Quantity		Amount charged for work done £'000	Quantity		Amount charged for work done £'000	Quantity		Amount charged for work done £'000
	Th. sq. yds.	Th. lin. yds.		Th. sq. yds.	Th. lin. yds.		Th. sq. yds.	Th. lin. yds.	
Principal products (contd.)									
Woven piece goods (contd.)									
Silk, pure or mixed (contd.)									
Dyed but not printed	..	..	(a)	..	..	(a)	1,704	1,600	67
Printed, whether dyed or not	..	..	(a)	..	..	(a)	2,052	2,076	261
Total silk piece goods			332			16			348
Woollen and worsted									
Flannels and delaines (stoved, dyed, finished, etc.); and wool and mohair plushes and other pile fabrics of wool and hair (stoved, dyed, finished, etc.)	..	..	(a)	..	..	(a)	25,575 2,379	21,835 ..	484 23 26
Tissues wholly or mainly of mohair, alpaca and cashmere, not being pile fabrics (stoved, dyed, finished, etc.)	..	..	(a)	..	..	(a)	8,047	5,737	62
Other worsted tissues, pure or mixed (stoved, dyed, finished, etc.)	92,240	63,299	2,418	509	447	20	92,749	63,746	2,438
Other woollen tissues, pure or mixed (stoved, dyed, finished, etc.)	77,124 8,840	56,641 ..	1,437 245 4	8,360	8,447	239	85,484 8,840	65,088 ..	1,676 245 4
Piece goods printed, whether dyed or not	..	..	(a)	..	..	(a)	9,360	7,870	354
Total woollen and worsted piece goods			4,797			514			5,311
Linen, pure or mixed									
Bleached	..	..	(a)	..	..	(a)	2,943	1,950	45
Finished only	..	..	(a)	..	..	(a)	93	102	2
Printed									
Hand-block and screen	..	..	(a)	..	..	(a)	664 ..	539 ..	108 20
Machine	..	..	(a)	..	..	(a)	4,807 473	4,252 ..	344 44
Lyed in the piece	329	337	17	678	553	17	1,007	890	34
Total linen piece goods			518			77			595

TABLE 23 (contd.)

	England and Wales		Scotland		Great Britain	
	Quantity		Amount charged for work done £'000	Quantity		Amount charged for work done £'000
	Th. sq. yds.	Th. lin. yds.		Th. sq. yds.	Th. lin. yds.	
Principal products (contd.)						
Spun silk yarn; rayon, nylon, etc.; continuous filament yarn; woven jute piece goods; and knitted fabrics (bleached, dyed, printed, etc.)	..	..	1,528	..	218	1,746
Th. doz. prs.						Th. doz. prs.
Hosiery (knitted, netted, or crocheted goods), bleached, dyed, finished, etc.						
Stockings and socks						
Of cotton, or of which the chief value is cotton	4,577		334	-	-	4,577 334
Of wool, or of which the chief value is wool	..		(a)	..	(a)	10,067 813
Of silk, or of which the chief value is silk	1,244		167	-	-	1,244 167
Of rayon, nylon, etc., or of which the chief value is rayon, nylon, etc.	8,329		917	-	-	8,329 917
Other apparel						
Of wool, or of which the chief value is wool						
Underwear and nightwear, including knitted shirts	..		(a)	..	(a)	322 89
Outerwear	..		(a)	..	(a)	331 43
Of other materials	..		(a)	..	(a)	126 Th. prs. 1,026 96 11
Blankets already made-up (bleached, dyed, etc.)	..		(a)	..	(a)	..
Other textile manufactures (bleached, dyed, printed, finished, etc.) except lace						
Of cotton	..		(a)	..	(a)	.. 570
Of wool	..		(a)	..	(a)	.. 61
Of rayon, nylon, etc.	..		26	-	-	.. 131
Of other textile materials	..		26	-	-	.. 26
Total bleaching, dyeing, printing, finishing, etc.			46,099		7,423	53,523
Cutting of pile fabrics, including velvets, velveteens, corduroys, moleskins and similar goods						
Of cotton	8,672	10,528	136	-	-	8,672 10,528 136

TABLE 23 (contd.)

	England and Wales		Scotland		Great Britain	
	Quantity	Amount charged for work done	Quantity	Amount charged for work done	Quantity	Amount charged for work done
	Th. sq. yds.	£'000	Th. sq. yds.	£'000	Th. sq. yds.	£'000
Principal products (contd.)						
Cutting of pile fabrics, including velvets, velveteens, corduroys, moleskins and similar goods (contd.)						
Of other textile materials	870	12	-	-	870	12
Engraving for calico printers	..	396	-	-	..	396
Shrinking of cotton, woollen and worsted, and rayon, nylon, etc., piece goods	..	(a)	..	(a)	172,704	741
Proofing, (except rubberising) of textile piece goods	45,747	357	1,117	26	46,864	383
	..	47	..	17	..	64
Other work done (except winding, sizing, beaming, etc., and making-up)	..	485	..	30	..	515
Waste products sold	..	474(b)	..	43(b)	..	517(b)
Total principal products		48,698		7,588		56,286
Other output						
Winding, sizing and beaming					Th. lbs.	
Of cotton yarn					28,339	631
Of rayon, nylon, etc., yarn					1,625	64
Winding and warping of woollen and worsted yarn	..	(a)	..	(a)	..	68
Lace curtains and other goods made on lace curtain machines (bleached, dyed, finished, etc.)					Th. sq. yds. 15,986	211
Making-up of textiles					Th. prs.	
Sheets	Th. prs. 758	33	-	-	884	31
Blankets	..	(a)	..	(a)	Th. doz. 1,133	55
Towels	..	(a)	..	(a)	..	15
Other goods for household purposes	Th. doz. 21	13	-	-	21	13
Packing (including making-up)	..	(a)	..	(a)	..	15
Wool rags and waste (dyed, carbonised, etc.)	..	(a)	..	(a)	Th. lbs. 5,367	131
Other work done	..	258	..	15	..	273
Electricity and steam sold	..	7(b)	-	-	..	7(b)
Total		50,007		7,811		57,818

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

(b) Selling value.

Purchased materials and fuel

Larger establishments

TABLE 24

	England and Wales		Scotland		Great Britain	
	Quantity	Cost	Quantity	Cost	Quantity	Cost
	Th. cwts.	£'000	Th. cwts.	£'000	Th. cwts.	£'000
Materials						
Wheat starch and flour	15.9	33	0.6	2	16.5	34
Maize starch and flour	116.6	336	7.1	17	123.8	353
Potato starch (farina)	32.0	79	3.3	8	35.4	88
Other starch and flour	48.4	122	5.7	14	54.0	135
Dextrine	101.7	292	6.9	22	108.5	314
French chalk	14.0	14	1.3	2	15.3	15
Magnesium sulphate	..	(a)	..	(a)	39.0	20
Dyestuffs						
Chrome and mordant colours (including alizarine)	55.3	631	1.5	32	56.7	662
Basic colours	1.3	16	0.1	4	1.5	20
Indigo colours	..	(a)	..	(a)	15.7	113
Vat colours	40.5	1,903	3.7	215	44.2	2,118
Direct cotton colours (including union)	24.4	763	3.2	112	27.7	875
Sulphur colours	27.9	259	0.6	7	28.5	266
Acid wool colours	19.2	655	2.5	89	21.7	744
Cellulose acetate dyestuffs	6.5	206	1.1	32	7.6	239
Oil, spirit and wax dyestuffs	..	(a)	..	(a)	2.4	11
Azo dyes	9.4	435	0.4	23	9.8	458
Pigment colours	6.4	56	3.3	15	9.7	71
Other dyestuffs, finished or intermediate	..	(a)	..	(a)	31.2	347
Bleaching powder	64.0	25	12.2	9	76.2	34
Soaps, detergents and finishing oils	268.6 Th. galls. 1538	1,008	26.3 Th. galls. 95	127	294.9 Th. galls. 1633	1,135
Sodium hypochlorite liquor	Th. cwts. 42.0	20	Th. cwts. 13.7	8	Th. cwts. 55.6	28
Other bleaching agents	71.6	126	14.5	30	86.1	156
Reducing agents	78.3	309	12.1	58	90.5	387
Acids	385.3	352	41.6	34	426.9	386
Alkalis	1094.7	508	115.8	63	1210.5	572
Natural gums	25.7	169	0.5	9	26.2	178
Other chemicals	..	1,150	..	217	..	1,366

TABLE 24 (contd.)

	England and Wales		Scotland		Great Britain	
	Quantity	Cost	Quantity	Cost	Quantity	Cost
Materials (contd.)		£'000		£'000		£'000
Packing materials	..	652	..	151	..	804
Replacement parts for firms' machinery	..	1,046	..	123	..	1,169
All other purchased materials	..	2,142	..	220	..	2,362
Unclassified	..	112	-	-	..	112
Fuel and electricity	Th. tons		Th. tons		Th. tons	
Coal	1,386.0	3,800	191.8	515	1,577.8	4,315
Coke	8.5	29	0.2	1	8.6	30
Electricity purchased (b)	Th. B. T. U. (kW. hrs.)		Th. B. T. U. (kW. hrs.)		Th. B. T. U. (kW. hrs.)	
From public supply	84,810	401	13,897	64	98,707	465
From other sources	..	(a)	..	(a)	560	4
Electricity obtained from other works under the same ownership	..	(a)	..	(a)	4,558	15
Motor spirit (petrol) and deriv. fuel	Th. galls.		Th. galls.		Th. galls.	
Used for road vehicles	778	76	82	8	860	84
Used for other power purposes	67	4	-	-	68	4
Other oil fuel (including creosote/pitch mixtures)	..	(a)	..	(a)	12,049	418
Gas purchased, including gas obtained from other works under the same ownership	Th. therms 1,621 Th. cu. ft. 1,899	62 -	Th. therms 182 Th. cu. ft. 203	8 -	Th. therms 1,803 Th. cu. ft. 2,102	70 1
All other purchased fuel	..	85	..	31	..	116
Total		18,718		2,442		21,160

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

(b) The total quantity of electricity consumed in England and Wales was 151,840,000 B.T. units including 64,884,000 generated in the same works. The total quantity of electricity consumed in Scotland was 25,298,000 B.T. units including 8,430,000 generated in the same works.

Employment and remuneration

Larger establishments

TABLE 25

	England and Wales			Scotland			Great Britain		
	Average number of operatives	Administrative, technical and clerical employees (a)	Total	Average number of operatives	Administrative, technical and clerical employees (a)	Total	Average number of operatives	Administrative, technical and clerical employees (a)	Total
Males									
Under 18	1,625	208	1,833	366	37	403	1,991	245	2,236
All ages	39,327	6,150	45,477	4,955	1,014	5,969	44,282	7,164	51,446
Females									
Under 18	1,454	498	1,952	1,146	106	1,252	2,600	604	3,204
All ages	12,815	2,352	15,167	6,504	516	7,020	19,319	2,866	22,187
Total									
Under 18	3,079	706	3,785	1,512	143	1,655	4,591	849	5,440
All ages	52,142	8,502 (b)	60,644 (b) (c)	11,459	1,530 (b)	12,989 (b) (c)	63,601	10,032 (b)	73,633 (b) (c)
Total remuneration	£'000	£'000	£'000	£'000	£'000	£'000	£'000	£'000	£'000
	14,156	3,940	18,096	2,639	670	3,309	16,795	4,610	21,405

(a) Number at September 25, 1948.

(b) There were, in addition, 58 working proprietors (56 males and 2 females) in Great Britain; 54 males and 2 females in England and Wales, and 2 males in Scotland.

(c) The employers' share of contributions to all National Insurance Schemes payable during the year in respect of these workers amounted to a total of £563,000; £467,000 for England and Wales, and £96,000 for Scotland.

In addition to the employees in the above table the firms in this trade employed outworkers whose numbers and remuneration are set out below.

	Average number of outworkers employed			Total amount paid to outworkers
	Males	Females	Total	
England and Wales	-	113	113	£'000 11,000
Scotland	-	8	8	1,000
Great Britain	-	121	121	12,000

Monthly index of employment of operatives: Larger establishments

(average employment in 1948 = 100)

TABLE 26

Month	Monthly index (a)			Month	Monthly index (a)		
	England and Wales	Scotland	Great Britain		England and Wales	Scotland	Great Britain
1948				1948			
January	98.7	90.5	96.5	August	99.7	102.1	100.4
February	98.7	92.6	97.0	September	100.8	103.8	101.6
March	98.7	95.8	97.9	October	101.6	104.4	102.4
April	99.2	98.6	99.0	November	102.7	104.4	103.2
May	99.1	100.1	99.4	December	103.0	104.2	103.4
June	99.1	101.9	99.9	Percentage employ- ment in this trade covered by the index	48.3	83.2	54.6
July	98.8	101.5	99.5				

(a) The index numbers are calculated from the number of operatives employed in one week in each month returned by larger establishments that made returns for the calendar year 1948.

Total index	Average number of operatives employed		
	England and Wales	Scotland	Great Britain
100.0	100.0	100.0	100.0
100.0	100.0	100.0	100.0
100.0	100.0	100.0	100.0

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