

BOARD OF TRADE

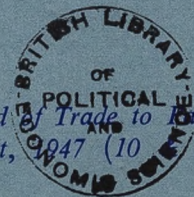
S
42
[HA 251]

*The Report on the
Census of Production
for 1954*

Volume 6: Industry E

RAYON, NYLON, ETC. WEAVING AND SILK

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



LONDON: HER MAJESTY'S STATIONERY OFFICE

1958

PRICE 1s 9d NET

The Report on the Census of Production for 1954

VOLUME 6 INDUSTRY E

RAYON, NYLON, ETC. WEAVING AND SILK

THIS REPORT on the Rayon, Nylon, etc. Weaving and Silk Industries relates to establishments engaged wholly or mainly (a) in weaving fabrics of silk and rayon, nylon, etc., (b) in throwing and spinning silk, in doubling yarn of rayon, nylon, etc., and in manufacturing sewing thread of silk and rayon, nylon, etc.

Weavers who also converted rayon, nylon, etc. cloth to the finished state or made it up into household textiles, in the main made separate returns for their converting and making-up departments; these departments are included in the reports on the Textile Converting Industry (Volume 6, Industry O) and the Made-up Household Textiles Industry (Volume 6, Industry P).

This industry corresponds to minimum list heading 114 in the Standard Industrial Classification.

There were no establishments in Northern Ireland in the register for this industry in 1954.

LIST OF TABLES

Table No.	Title	Page	Table No.	Title	Page
1	Industry summary: estimates for the industry as a whole	6/E/3	6	Sales of principal products of the industry by establishments classified to other industries	6/E/7
2	Summary of returns received	6/E/3	7	Sales in the industry of other than principal products	6/E/8
3	Analysis by size, 1954	6/E/4	8	Total make of intermediate products	6/E/9
4	Analysis according to specialisation within the industry, 1954	6/E/4	9	Purchases of materials and fuel, 1954	6/E/9
5	Sales of principal products of the industry, including sales of these products by establishments classified to other industries	6/E/5	10	Average number of employees and wages, salaries and superannuation payments	6/E/11
			11	Employment in a specified week	6/E/11

IMPORTANT NOTES and definitions appear on the next page. In interpreting the data in the tables, it is essential to bear these in mind.

S
H2
[HA 251]

17.9.58

The following notes describe terms in general use in the tables of the report. More detailed explanations of the terms used and a description of the scope and method of taking the census are given in the separate booklet entitled 'The Report on the Census of Production for 1954 - Introductory Notes' (price 1s. 6d. net).

Industrial Classification: Establishments are classified to industries according to the nature of their output and, as far as possible, in conformity with the Standard Industrial Classification. Certain products are identified as the principal products of individual industries, the principal products for a given industry being of a similar nature or commonly associated in production. The principle of classification normally followed is that an establishment is classified to an industry if its output of the principal products of that industry accounted for a greater proportion of the value of its output than did its output of the principal products of any other industry.

Specialist producers normally comprise those establishments 50 per cent. or more of whose total output by value is accounted for by the characteristic products of the specialist group.

Intermediate products: For some industries figures are given showing the total quantities made during the year of intermediate products, i.e., products which may be further processed in the establishments in which they are produced.

Larger establishments: The information given in the report relates mainly to 'larger establishments', i.e., establishments of firms employing on the average more than 10 persons. In most cases an establishment comprises the whole of the premises under the same ownership or management at a particular address (e.g., a mine or factory). Offices, warehouses, laboratories and other ancillary places of business situated apart from the producing works are not regarded as separate establishments and are included in the return for the works.

Small firms are those employing on the average 10 or fewer persons.

The estimates for the industry as a whole given in Table 1 are normally obtained by increasing the other items shown in the same proportion as total employment.

Gross output (production) is the total value of goods made and other work done during the year; it is obtained by adjusting the value of sales and work done during the year for changes in the value of stocks of products on hand for sale and work in progress.

Net output is the amount left after deducting from the value of gross output the aggregate of the cost of materials and fuel used, the amount paid for work given out, and, for 1951 and 1954, any transport payments made. This represents the value added to materials by the process of production, and constitutes the fund from which wages, salaries, rents, rates and taxes, advertising and other selling expenses and all other similar charges have to be met, as well as depreciation and profits.

Sales means sales during the year of goods made in the establishment covered by the return or made on commission for it, whether produced in the year or not. The value of sales is the net selling value, i.e., the amount charged to customers, whether on an ex-works or delivered basis, and net of any trade discounts, agents' commissions, allowances for returnable cases, purchase tax, etc. For goods charged on a delivered basis to customers overseas, firms were required to give the f.o.b. value.

Materials and fuel: The total cost of materials and fuel purchased includes all purchases during the year of materials for use in production, and of fuel (includ-

ing oil, gas and electricity) for all purposes: packing materials, including the full cost of returnable cases when first purchased; workshop and office materials; water charges; materials for repairs to buildings, plant and vehicles when carried out by firms' own work-people included in their returns; consumable tools; and parts for machinery purchased as replacements. Purchases of goods for merchanting are excluded. The cost of materials and fuel used, given in Table 2, is obtained by adjusting purchases for changes during the year in the value of stocks.

Stocks: Firms were required to give stocks of materials and fuel, products on hand for sale, and work in progress, at income tax values.

Customs and Excise Duty paid on materials purchased is normally included in the cost of materials. Finished goods are similarly valued as they were sold, duty-paid or duty-free. The net amount of any duty paid is deducted in arriving at net output.

Employment: Total employment includes working proprietors, administrative, technical and clerical employees, and operatives, but excludes outworkers, canteen employees and persons engaged in merchanting or any other activity not covered by a firm's return, who are shown separately as excluded employees. Employees are persons on the pay-roll (i.e., persons whose National Insurance cards were held by employers), whether employed full-time or part-time.

Working proprietors are proprietors of businesses other than limited companies, together with members of their families who worked in the business without receiving fixed wages or salaries. Any persons working less than half the normal hours are excluded. For Northern Ireland directors of limited companies (other than those paid by fee only) are also included.

Administrative, technical and clerical employees include directors, other than those paid by fee only (except in Northern Ireland); managers, superintendents and works foremen; research, experimental, development, technical and design employees (other than operatives); draughtsmen and tracers; travellers; and office (including works office) employees.

Operatives include all other classes of employees, i.e., broadly speaking, all manual workers.

Outworkers are persons employed by the firm who work on materials supplied by the firm in their own homes.

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

Capital expenditure includes expenditure on new building work, and on plant, machinery and vehicles, charged to capital account during the year, including any transport and installation costs involved. It includes expenditure in respect of establishments in Great Britain which had not begun production before the end of the year (which has not previously been included in the Census of Production reports for individual industries).

Symbols used:

.. for not available

- for nil or negligible (less than half the final digit shown).

Where figures are rounded, e.g., given to the nearest £ thousand, there may be apparent slight discrepancies between the sums of constituent items and the totals shown. In some cases, figures have been combined with others of a similar nature where publication of separate details might disclose information relating to an individual undertaking.

Industry summary

Estimates for the industry as a whole

TABLE 1

	United Kingdom			Scotland 1954	Wales 1954 (a)
	1948	1951	1954		
	£ million	£ million	£ million	£ million	£ million
Gross output (production)	59.4	105.7	116.3	4.84	..
Net output	22.8	32.3	31.4	1.14	..
Total stocks and work in progress					
At beginning of year	10.2	15.3	18.1	0.65	..
Change during year	+ 1.3	+ 4.4	+ 0.4	+ 0.02	..
Capital expenditure less disposals (b)	2.6	4.2	3.1	0.08	..
Wages and salaries	11.6	17.2	20.3	0.65	..
Total employment (including working proprietors)	Thousands 45.6	Thousands 51.9	Thousands 53.1	Thousands 2.23	Thousands ..

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

(b) Capital expenditure on new building work, plant, machinery and vehicles (including (except in 1948) that incurred in Great Britain for establishments not yet in production), less amounts received for plant, machinery and vehicles disposed of.

Summary of returns received

TABLE 2

	Unit	Great Britain 1948	United Kingdom	
			1951	1954
FIRMS EMPLOYING ON AVERAGE MORE THAN 10 PERSONS				
Number of establishments	No.	334	366	380
Total value of sales and work done	£'000	58,501	102,377	114,335
Products on hand for sale		4,088	7,304	9,726
and work in progress		+ 655	+ 3,043	+ 1,400
Gross output (production) (a)		59,114	105,419	115,735
Purchases of materials and fuel		34,781	72,066	81,099
Stocks of materials and fuel		6,041	7,950	8,320
Cost of materials and fuel used		+ 611	+ 1,323	- 981
Payment for work done on materials given out		34,171	70,743	82,080
Payment for transport (b)		2,277	2,155	2,042
Net output		44	286	368
		22,667	32,235	31,245
Average number of employees	No.	41,577	47,360	47,682
Total employment (d)		3,797(c)	4,395	5,127
Net output per person employed (d)		45,403	51,777	52,821
Wages and salaries	£'000	499	623	592
Capital expenditure		9,640	14,305	16,776
New building work (e)		1,898	2,845	3,407
Plant and machinery		357	625	433
Vehicles		2,219	3,225	2,580
		105	96	97
		102	193	131
		13	51	39
FIRMS EMPLOYING ON AVERAGE 10 OR FEWER PERSONS				
Number of returns	No.	19	16(f)	16
Total employment, including working proprietors		135	116(f)	110

(a) For the year 1948 gross output excludes payments for transport services outwards on finished goods sold. For subsequent years gross output includes payments to other firms and undertakings and to firms' own separate transport organisations for transport services.

(b) Payments to other firms and undertakings and to firms' own separate transport organisations. For the year 1948 payments cover only transport outwards of finished goods sold. For subsequent years they cover payments for transport of both finished goods sold and materials and fuel purchased.

(c) Number in week ended September 25, 1948.

(d) Excluding outworkers and including working proprietors.

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

(f) Excluding Northern Ireland. No information about small firms was collected in Northern Ireland for 1951.

RAYON, NYLON, ETC. WEAVING AND SILK

Analysis by size, 1954

Larger establishments in the United Kingdom

TABLE 3

Average number employed (a)	Estab-lish-ments	Gross output	Net output	Employees		Wages and salaries		Capital expenditure (b)	Net output per person employed (a)
				Operatives	Others	Operatives	Others		
	Number	£'000	£'000	Number	Number	£'000	£'000	£'000	£
11 - 24(c)	43	1,606	414	663	96	224	65	62	542
25 - 49	68	4,479	1,443	2,138	287	734	179	141	594
50 - 99	89	14,184	3,799	5,950	635	1,999	438	309	577
100 - 199	96	29,640	8,284	12,812	1,233	4,408	850	651	590
200 - 299	44	22,738	6,361	9,695	914	3,452	639	697	600
300 - 399	21	14,292	4,187	6,456	681	2,369	434	695	587
400 - 499	5	5,013	1,419	2,092	137	834	109	105	637
500 - 749	11	17,872	3,944	5,743	805	1,972	480	392	602
750 - 999	3	5,911	1,394	2,133	339	784	212	91	564
Total	380	115,735	31,245	47,682	5,127	16,776	3,407	3,144	592

(a) Excluding outworkers and including working proprietors.

(b) Capital expenditure on new building work and on acquisition of plant, machinery and vehicles. Excluding expenditure for establishments not yet in production.

(c) Including a small number of establishments with fewer than 11 persons employed, particulars of which were included with those for larger establishments on a single return.

Analysis according to specialisation within the industry, 1954

Larger establishments in the United Kingdom

TABLE 4

	Unit	Specialist producers of					Remain-der of the industry	Total
		Woven cloth of man-made fibres			Doubled or twisted yarn of man-made fibres including mixtures of cotton	Woven cloth of silk and of silk mixed with other materials		
		Tyre cord and fabric including mixtures of cotton	Wholly of continuous filament	Other and un-classified including mixtures of cotton				
Number of establishments	No.	8	120	135	42	13	62	380
Total value of sales and work done	£'000	12,752	32,765	37,926	15,912	1,480	13,500	114,335
Sales of characteristic products	"	8,414	26,393	29,266	12,826	1,042		
Products on hand for sale and work in progress	"	633	3,432	3,734	822	183	922	9,726
	"	+ 30	+ 671	+ 587	+ 24	+ 2	+ 86	+ 1,400
Gross output (production)	"	12,782	33,436	38,513	15,936	1,482	13,586	115,735
Purchases of materials and fuel	"	11,993	21,103	26,407	11,993	713	8,890	81,099
Stocks of materials and fuel	"	180	3,238	3,106	805	166	824	8,320
	"	+ 15	- 566	- 310	- 77	+ 10	- 53	- 981
Cost of materials and fuel used	"	11,978	21,668	26,718	12,070	703	8,944	82,080
Payment for work done on materials given out	"	4	681	544	254	127	432	2,042
Payment for transport	"	45	90	102	48	5	78	368
Net output	"	756	10,997	11,149	3,564	647	4,133	31,245
Average number of employees	No.	1,051	17,071	17,966	4,146	1,230	6,218	47,682
	"	83	2,011	1,366	517	162	988	5,127
Total employment (a)	"	1,134	19,085	19,337	4,665	1,392	7,208	52,821
Net output per person employed (a)	£	667	576	577	764	464	573	592
Wages and salaries	£'000	378	6,365	6,309	1,459	306	1,958	16,776
	"	56	1,332	973	369	96	580	3,407
Capital expenditure	"							
New building work (b)	"	3	200	97	23	4	107	433
Plant and machinery	"	44	788	846	442	20	439	2,580
	"	-	26	51	6	-	13	97
Vehicles	"	1	41	44	22	4	20	131
	"	-	15	14	5	1	5	39

(a) Excluding outworkers and including working proprietors.

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

RAYON, NYLON, ETC. WEAVING AND SILK

Sales of the principal products of the industry, including sales of these products by establishments classified to other industries

Larger establishments in the United Kingdom

TABLE 5

	1951		1954		
	Quantity	Value	Quantity	Value	Entries
	Th.sq.yds.	£'000	Th.sq.yds.	£'000	Number
Woven cloth of man-made fibres (rayon, nylon, etc.), or of rayon, nylon, etc. mixed with cotton, sold in the loom state					
Tyre cord and fabric whether woven with a cotton weft or not	13,836	2,718	63,109	10,843	16
	..	609			
Woven wholly of rayon, nylon, etc. continuous filament yarn other than tyre cord and fabric (a)					
Synthetic (nylon, etc.) yarn predominant by weight	..	..	28,479	5,814	138
Other (rayon, etc.) yarn predominant by weight					
Woven wholly or in part from coloured yarn	22,283	3,528	30,278	4,275	90
			..	496	
Other	290,730	34,915	244,639	23,564	178
Unclassified	8,636	1,305	4,025	420	15
			..	79	
Of rayon, nylon, etc. spun yarn or of spun yarn mixed with continuous filament yarn (a)					
Synthetic fibres (nylon, etc.) predominant by weight	..	..	12,696	1,395	49
			..	220	
Other (rayon, etc.) fibres predominant by weight					
Woven wholly or in part from coloured yarn	20,088	2,614	28,871	3,377	100
Other	212,090	21,070	213,375	18,433	232
Unclassified	62,977	6,375	39,511	2,892	45
Of rayon, nylon, etc. mixed with cotton, other than tyre cord and fabric (a)					
Containing more synthetic (nylon, etc.) than other rayon, etc. yarn	..	..	471	120	14
Containing less synthetic (nylon, etc.) than other rayon, etc. yarn					
Woven wholly or in part from coloured yarn	20,215	4,367	29,915	4,719	72
Other	102,882	16,312	66,815	8,712	126
Of rayon, nylon, etc., staple fibre and cotton (a)					
Containing more synthetic (nylon, etc.) than other rayon, etc. yarn	..	..	3,553	392	6
Containing less synthetic (nylon, etc.) than other rayon, etc. yarn					
Woven wholly or in part from coloured yarn	8,323	1,827	14,100	2,257	54
Other	21,095	3,379	25,929	2,143	58
			..	538	
Of unclassified rayon, nylon, etc. mixed with cotton other than tyre cord and fabric	5,578	1,248	6,424	1,411	32
			..	211	
Total woven cloth of man-made fibres (rayon, nylon, etc.) or of rayon, nylon, etc. mixed with cotton, sold in the loom state	788,734	99,657	812,189	90,767	..
	..	609	..	1,544	

TABLE 5 (contd.)

	1951		1954		Entries
	Quantity	Value	Quantity	Value	
	Th.lb.	£'000	Th.lb.	£'000	Number
Yarn and thread					
Thrown silk yarn					
Wholly of silk	989	2,476	302	720	15
Of silk mixed with other materials	767	727	166	147	9
Spun yarn of silk, or of silk mixed with other materials	355	279	66	131	8
Doubled yarn (i.e. doubled or twisted thread advanced beyond the stage of single yarn, including single yarn given an additional twist), including hand-knitting yarn			..	133	
Of continuous filament (rayon, nylon, etc.)					
Crepe	7,432	2,929	5,005	2,624	20
Other (b)	63,060	20,318	64,975	24,721	74
Of spun yarn of rayon, nylon, etc. or of spun and continuous filament yarn	7,884	2,841	21,116	5,649	83
Of cotton and continuous filament (rayon, nylon, etc.)	1,634	877	492	332	7
Finished thread for sewing, embroidery, etc.					
Of silk, or of silk mixed with other materials	238	719	119	427	12
Of rayon, nylon, etc. or of rayon, nylon, etc. mixed with other materials except silk	2,709	832	380	401	19
..			..	117	
Woven cloth which has not undergone a finishing process					
Wholly of silk	Th.sq.yds. 1,562	915	Th.sq.yds. 2,140	1,080	24
Of silk mixed with other materials	1,116	270	109	59	12
Finished woven cloth of silk, or of silk mixed with other materials (c)	3,250	1,512	1,994	1,295	51
Rayon, nylon, etc. waste	Th.cwt. 280.7	1,403	Th.cwt. 207.0	813	649
..			..	140	
Waste noils etc. of silk	5.3	67	0.4	15	19
..			..	6	
Total goods made and sold		136,432		131,118	..
Work done for the trade or on commission (d)					
Throwing of yarn of silk, or of silk mixed with other materials	Th.lb. 1,131	176	Th.lb. 191	53	11
..			..	18	
Spinning of yarn of silk, or of silk mixed with other materials	80	16	23	8	..
Doubling of rayon, nylon, etc. continuous filament yarn	1,833	271	2,721	956	36
..			..	131	
Reeling, coning, pining and cheesing of rayon, nylon, etc. continuous filament yarn	8,719	579	6,226	510	33
..			..	57	
Beaming, sizing, etc. of rayon, nylon, etc. continuous filament yarn	13,595	884	15,822	1,119	25
Weaving of cloth of rayon, nylon, etc. or of rayon, nylon, etc. mixed with other materials except silk	Th.sq.yds. 24,442	933	Th.sq.yds. 16,674	548	95
..			..	99	
Other work done		143		97	35
Total work done for the trade or on commission		3,002		3,598	..
Total		139,434		134,716	..
Sales in other industries (see Table 6)		49,221		37,761	..
Principal products of this industry sold by establishments in the industry		90,213		96,955	333

(a) In 1951 no distinction was made between woven cloth in which synthetic (nylon, etc.) yarn was predominant by weight and other woven cloth of man-made fibres.

(b) Including a quantity of yarn purchased and reeled, wound, etc. without further processing.

(c) Including sales by larger establishments classified to the Textile Converting Industry (Volume 6, Industry O).

(d) Amount charged.

Sales of principal products of the industry by establishments classified to other industries: Larger establishments in the United Kingdom

TABLE 6

	1954			Principal industries in which produced (a)
	Quantity	Value	Entries	
	Th.sq.yds.	£'000	Number	
Woven cloth of man-made fibres (rayon, nylon, etc.) or of rayon, nylon, etc. mixed with cotton, sold in the loom state				
Woven wholly of rayon, nylon, etc. continuous filament yarn other than tyre cord and fabric				
Synthetic (nylon, etc.) yarn predominant by weight	2,654	563	40	6A, 6B, 6C, 6I
Other (rayon, etc.) yarn predominant by weight				
Woven wholly or in part from coloured yarn	1,315	225	13	6B, 6C
..	..	160		
Other	18,332	1,635	54	6B, 6C, 6D
Unclassified				
Tyre cord and fabric whether woven with a cotton weft or not	14,153	2,110	23	6B, 6G
Of rayon, nylon, etc. spun yarn or of spun yarn mixed with continuous filament yarn				
Synthetic fibres (nylon, etc.) predominant by weight	6,024	659	21	6B, 6C, 6H
..	..	220		
Other (rayon, etc.) fibres predominant by weight				
Woven wholly or in part from coloured yarn	10,300	1,103	41	6B, 6C, 6H
Other	87,386	7,102	125	6B, 6C, 6H
Unclassified	39,511	2,892	45	6G
Of rayon, nylon, etc. mixed with cotton, other than tyre cord and fabric				
Containing more synthetic (nylon, etc.) than other rayon, etc. yarn	167	60	6	6B
Containing less synthetic (nylon, etc.) than other rayon, etc. yarn				
Woven wholly or in part from coloured yarn	6,733	1,055	25	6B
Other	17,599	2,081	49	6B, 6C
Of rayon, nylon, etc., staple fibre and cotton				
Containing more synthetic (nylon, etc.) than other rayon, etc. yarn	820	128	..	6B, 6C
Containing less synthetic (nylon, etc.) than other rayon, etc. yarn				
Woven wholly or in part from coloured yarn	5,310	801	26	6B, 6G
Other	9,202	742	36	6B, 6C
Of unclassified rayon, nylon, etc. mixed with cotton, other than tyre cord and fabric	6,424	1,411	32	6G
..	..	211		
Total woven cloth of man-made fibres (rayon, nylon, etc.) or of rayon, nylon, etc. mixed with cotton, sold in the loom state	225,929	22,566	..	
..	..	591		
Yarn and thread				
Spun and thrown yarn of silk, or of silk mixed with other materials	23	59	..	6A, 6C
Doubled yarn (i.e. doubled or twisted thread advanced beyond the stage of single yarn, including single yarn given an additional twist), including hand-knitting yarn				
Of continuous filament (rayon, nylon, etc.)				
Crepe	1,668	646	6	6A, 6D
Other				
Of cotton and continuous filament (rayon, nylon, etc.)	33,585	7,780	30	2E, 6A, 6D, 6I

TABLE 6 (contd.)

	1954			Principal industries in which produced (a)
	Quantity	Value	Entries	
	Th.lb.	£'000	Number	
Yarn and thread (contd.)				
Doubled yarn (i.e. doubled or twisted thread advanced beyond the stage of single yarn, including single yarn given an additional twist), including hand-knitting yarn (contd.)				
Of spun yarn of rayon, nylon, etc. or of spun and continuous filament yarn	15,768	4,082	69	6A
Finished thread for sewing, embroidery, etc.				
Of silk, or of silk mixed with other materials	21	81	..	6A
Of rayon, nylon, etc. or of rayon, nylon, etc. mixed with other materials except silk	306	354	11	6A
Woven cloth of silk, or of silk mixed with other materials, finished and unfinished	Th.sq.yds. 1,266	600	37	6B, 6C, 6D, 7H
	Th.cwt. 170.9	612	483	6A, 6C, 6D, 6J
Rayon, nylon, etc. waste	..	111		
Work done for the trade or on commission (b)				
	Th.sq.yds.			
Weaving of cloth of rayon, nylon, etc. or of rayon, nylon, etc. mixed with other materials except silk	4,508	121	43	
	..	99		
Other work done		57	6	
Total		37,761	..	

(a) The volume number and industry references given are to the industries shown in the list at the back of this report.
(b) Amount charged.

Sales in the industry of other than principal products
Larger establishments in the United Kingdom

TABLE 7

	1954	
	Quantity	Value
	Th.lb.	£'000
Yarn and thread		
Of cotton	5,903	1,742
Other (a)	4,103	1,063
Woven cotton cloth in the loom state	Th.sq.yds. 74,644	9,075
Woven from grey yarn		
Woven wholly or in part from bleached, dyed or other processed yarns	17,729	2,732
	99	13
Finished woven cotton cloth	..	210
	1,490	420
Woven woollen and worsted cloth	..	157
	7,938	279
Other piece goods including knitted piece goods	..	157
	..	12
Made-up household textiles	..	396
Articles of clothing	..	..
Waste products, other than waste noils, etc. of silk or rayon, nylon, etc. waste	..	134
	..	612
Other goods	..	380
Work done (b)	..	..
Total		17,380

(a) Including yarn purchased and reeled, wound, beamed, sized, etc.
(b) Amount charged.

(92275)

Total make of intermediate products
Larger establishments in the United Kingdom

TABLE 8

	Returned in this industry			Returned in all industries		
	1951	1954		1951	1954	
	Quantity	Quantity	Entries	Quantity	Quantity	Entries
	Th.lb.	Th.lb.	Number	Th.lb.	Th.lb.	Number
Yarn and thread						
Doubled yarn (i.e. doubled or twisted thread advanced beyond the stage of single yarn, including single yarn given an additional twist), including hand-knitting yarn						
Of continuous filament (rayon, nylon, etc.)						
Crepe	..	3,515	14	..	5,440	20
Other (a)	..	31,923	44	..	65,459	74
Of spun yarn of rayon, nylon, etc. or of spun and continuous filament yarn	1,094	5,299	17	8,272	20,819	86
Of cotton and continuous filament (rayon, nylon, etc.)	(b)	(b)	..	1,724	574	8
Finished thread for sewing, embroidery, etc. of silk, or of silk mixed with other materials	159	94	..	231	115	12
Woven cloth which has not undergone a finishing process	Th.sq.yds. (b)	Th.sq.yds. 2,094	..	Th.sq.yds. 1,835	Th.sq.yds. 2,094	25
Wholly of silk	1,119	(b)	..	1,132	112	12
Of silk mixed with other materials						

(a) Including a quantity of yarn purchased and reeled, wound, etc. without further processing.
(b) Owing to the risk of disclosure of information relating to individual firms, separate particulars cannot be given.

Purchases of materials and fuel, 1954
Larger establishments in the United Kingdom

TABLE 9

	Quantity	Cost
	Th.lb.	£'000
Materials		
Raw textile materials and waste		
Raw silk	600	1,035
Silk waste and noils	212	159
Man-made (rayon, nylon, etc.) staple fibre and waste	2,362	200
Yarns		
Cotton yarns, other than waste yarns		
Single	30,781	7,617
Doubled	22,431	5,847
Cotton waste yarn, doubled or not	10,328	1,990
Man-made (rayon, nylon, etc.) continuous filament yarn		
Synthetic (nylon, etc.) yarn	13,249	10,800
Other (rayon, etc.) yarn	136,389	35,365
Man-made (rayon, nylon, etc.) spun yarn including spun yarn doubled with continuous filament yarn		
Synthetic (nylon, etc.) fibre predominant	1,608	473
	..	113
Other (rayon, etc.) fibre predominant		
Single yarn	46,965	9,127
Doubled yarn	1,964	604
Mixture-yarns of cotton and man-made fibres (rayon, nylon, etc.)	2,423	485
	..	50

(92275)

TABLE 9 (contd.)

	Quantity	Cost
	Th.lb.	£'000
Materials (contd.)		
Yarns (contd.)		
Thrown silk	140	342
Spun silk yarn (including noil yarn)	113	82
Woollen and worsted and hair yarn including mixtures	941	615
Woven piece goods	Th.sq.yds.	
Of cotton	400	13
Of man-made fibres (rayon, nylon, etc.) or silk (including mixtures) in the loom state	475	59
Sizing materials	Th.cwt.	
Dyes and dyestuffs	64	236
Bobbins, cones, tubes, pirns, beams, etc.	..	138
Of paper or paperboard	..	99
Other	..	204
Shuttles	..	187
Reeds and healds	..	128
Other replacement parts for plant, machinery and vehicles and other accessories and consumable tools bought as replacement	..	361
Packing materials		
Paper and cardboard, including fibreboard	..	192
Cardboard boxes, cartons, fibreboard packing cases, etc.	..	68
Timber and wooden packing cases	Th.cu.ft. or th.cu.ft. of timber used	
Jute piece goods, including hessian	57	23
Other packing materials	..	7
All other purchased materials	..	6
Fuel and electricity		
Coal	Th.tons	
Coke	161.6	614
Liquid fuels (including creosote/pitch mixtures)		
For use in internal combustion engines	Th.gal.	
Motor spirit (petrol) for use in road vehicles and derv. fuel	382	80
Other	247	14
For burning in furnaces, boilers, kilns, etc.	1,113	48
Gas purchased	..	7
From Gas Boards	Th.therms	
From other sources, including other departments of the same firms	485	27
Electricity purchased (a)	..	5
From Electricity Boards	Th.kWh.	
From other sources, including other departments of the same firms	166,408	851
All other purchased fuel	14,576	63
Total cost	..	52
		81,099

(a) The total quantity of electricity generated in firms own establishments in this industry in 1954 was 10,215 Th.kWh.

(92275)

Average number of employees, and wages, salaries and superannuation payments (a)

Larger establishments in the United Kingdom

TABLE 10

	1951	1954
Average number of employees	Number	Number
Operatives	47,360	47,682
Administrative, technical and clerical employees	4,395	5,127
Total	51,755	52,809
Wages and salaries paid to	£'000	£'000
Operatives	14,305	16,776
Administrative, technical and clerical employees	2,845	3,407
Total	17,150	20,182
Wages and salaries per head	£	£
Operatives	302	352
Administrative, technical and clerical employees	647	664
Superannuation and other pension funds for employees and dependents		
Employers' contributions	..	£'000
Employees covered	..	Number
Pension, etc. payments to former employees and dependents	..	8,011
	..	£'000
		32

(a) The following persons, not included above, were also employed by larger establishments in this industry ('other workers' include, for example, employees engaged in merchandising):

	1951	1954
Canteen workers	Number	Number
Males	13	19
Females	527	474
Total	540	493
Other workers		
Males	44	43
Females	24	42
Total	68	85
Total excluded employees	608	578

Outworkers. The firms in this industry employed 3 male and 105 female outworkers in 1951, and 4 male and 68 female outworkers in 1954, the amounts paid to them being £13,000 in 1951 and £5,000 in 1954.

Employment in a specified week (a)
Larger establishments in the United Kingdom

TABLE 11

	1951			1954		
	Males	Females	Total	Males	Females	Total
Working proprietors	22	-	22	12	-	12
Operatives	16,997	31,244	48,241	17,445	30,461	47,906
Administrative, technical and clerical employees	2,702	1,736	4,438	3,173	1,977	5,150
Total employees	19,699	32,980	52,679	20,618	32,438	53,056

(a) Week ended September 22, 1951, or October 30, 1954.

DS 92275/1/Wt. 3351 K.4 5/58 CL

LIST OF INDUSTRY REPORTS

VOLUME 1

- A. Coal Mines
- B. Non-Metalliferous Mines and Quarries (other than Coal, Salt and Slate)
- C. Salt Mines, Brine Pits and Salt Works
- D. Slate Quarries and Mines
- E. Metalliferous Mines and Quarries
- F. Brick and Fireclay
- G. China and Earthenware
- H. Glass Containers
- I. Glass (other than Containers)
- J. Cement
- K. Abrasives
- L. Building Materials
- M. Manufactured Fuel

VOLUME 2

- A. Coke Ovens and By-products
- B. Dyes and Dyestuffs
- C. Fertiliser, Disinfectant, Insecticide and Allied Industries
- D. Coal Tar Products
- E. Chemicals (General)
- F. Drugs and Pharmaceutical Preparations
- G. Toilet Preparations and Perfumery
- H. Explosives and Fireworks
- I. Paint and Varnish
- J. Soap, Candles and Glycerine
- K. Polishes
- L. Ink
- M. Match
- N. Mineral Oil Refining
- O. Oils and Greases
- P. Seed Crushing and Oil Refining
- Q. Glue, Gum, Paste and Allied Industries
- R. Plastics Materials

VOLUME 3

- A. Blast Furnaces
- B. Iron and Steel (Melting and Rolling)
- C. Iron Foundries
- D. Steel Sheets
- E. Tinplate
- F. Wrought Iron and Steel Tubes
- G. Non-Ferrous Metals (Smelting, Rolling, etc.)
- H. Scrap Metal Processing
- I. Motor Vehicles and Cycles (Manufacturing)
- J. Motor Vehicles and Cycles (Repairing)
- K. Aircraft Manufacture and Repair
- L. Railway Locomotive Shops and Locomotive Manufacturing
- M. Railway Carriages and Wagons and Trams
- N. Carts, Perambulators, etc.

VOLUME 4

- A. Shipbuilding and Ship Repairing
- B. Marine Engineering
- C. Machine Tools
- D. Textile Machinery and Accessories
- E. Small Arms
- F. Constructional Engineering
- G. Mechanical Handling Equipment

VOLUME 4 (contd.)

- H. Printing and Bookbinding Machinery
- I. Mechanical Engineering (General)
- J. Mechanical Engineering (Repairing)
- K. Electrical Engineering (General)
- L. Electric Wires and Cables
- M. Radio and Telecommunications
- N. Batteries and Accumulators
- O. Electric Lighting Accessories and Fittings

VOLUME 5

- A. Tool and Implement
- B. Cutlery
- C. Chain, Nail, Screw and Miscellaneous Forgings
- D. Wire and Wire Manufactures
- E. Hardware, Hollow-ware, Metal Furniture and Sheet Metal
- F. Brass Manufactures
- G. Needles, Pins, Fish Hooks and Metal Smallwares
- H. Scientific, Surgical and Photographic Instruments, etc.
- I. Watch and Clock
- J. Jewellery and Plate
- K. Precious Metals Refining
- L. Musical Instruments

VOLUME 6

- A. Cotton Spinning and Doubling
- B. Cotton Weaving
- C. Woollen and Worsted
- D. Rayon, Nylon, etc. Production
- E. Rayon, Nylon, etc. Weaving, and Silk
- F. Flax Processing
- G. Linen and Soft Hemp
- H. Jute
- I. Rope, Twine and Net
- J. Hosiery and Other Knitted Goods
- K. Lace
- L. Carpets
- M. Narrow Fabrics
- N. Canvas Goods and Sacks
- O. Textile Converting
- P. Made-up Household Textiles
- Q. Textile Finishing
- R. Textile Packing

VOLUME 7

- A. Asbestos
- B. Flock and Rag
- C. Hair, Fibre and Kindred Industries
- D. Leather (Tanning and Dressing)
- E. Fellmongery
- F. Leather Goods
- G. Fur
- H. Tailoring, Dressmaking, etc.
- I. Hats, Caps and Millinery
- J. Glove
- K. Umbrella and Walking Stick
- L. Boot and Shoe

VOLUME 8

- A. Grain Milling
- B. Bread and Flour Confectionery
- C. Biscuit
- D. Bacon Curing and Sausage

VOLUME 8 (contd.)

- E. Preserved Meat
- F. Milk Products
- G. Ice Cream
- H. Sugar and Glucose
- I. Cocoa, Chocolate and Sugar Confectionery
- J. Preserved Fruit and Vegetables

VOLUME 9

- A. Margarine
- B. Fish Curing
- C. Cattle, Dog and Poultry Foods
- D. Vinegar and Other Condiments
- E. Starch
- F. Ice
- G. Miscellaneous Preserved Foods
- H. Brewing and Malting
- I. Wholesale Bottling
- J. Spirit Distilling
- K. Spirit Rectifying and Compounding
- L. Soft Drinks, British Wines and Cider
- M. Tobacco

VOLUME 10

- A. Timber
- B. Furniture and Upholstery
- C. Soft Furnishings
- D. Shop and Office Fitting
- E. Wooden Containers and Baskets
- F. Paper and Board
- G. Wallpaper
- H. Cardboard Box, Carton and Fibre-board Packing Case
- I. Manufactured Stationery, Paper Bag and Kindred Industries
- J. Newspaper and Periodical Printing and Publishing
- K. Printing and Publishing, Bookbinding, Engraving, etc.

VOLUME 11

- A. Rubber
- B. Linoleum, Leathercloth and Allied Industries
- C. Brushes and Brooms
- D. Toys and Games
- E. Sports Requisites
- F. Miscellaneous Stationers' Goods
- G. Cinematograph Film Production
- H. Cinematograph Film Printing
- I. Plastic Goods and Fancy Articles
- J. Incandescent Mantles

VOLUME 12

- A. Building and Contracting
- B. Local Authorities (Building and Civil Engineering)
- C. Railways (Civil Engineering)
- D. Tramway, Trolley Bus and Omnibus Undertakings (Civil Engineering)
- E. Canal, Dock and Harbour Undertakings (Civil Engineering)
- F. Gas Supply Industry
- G. Electricity Supply Industry
- H. Water Undertakings

© *Crown copyright 1958*

Printed and published by
HER MAJESTY'S STATIONERY OFFICE

To be purchased from
York House, Kingsway, London w.c.2
423 Oxford Street, London w.1
13A Castle Street, Edinburgh 2
109 St Mary Street, Cardiff
39 King Street, Manchester 2
Tower Lane, Bristol 1
2 Edmund Street, Birmingham 3
80 Chichester Street, Belfast
or through any bookseller

Printed in Great Britain