BOARD OF TRADE

5 H2 [HA25]

# The Report on the Census of Production for 1954

Volume 7: Industry B

FLOCK AND RAG

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

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1957

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# The Report on the Census of Production for 1954

VOLUME 7 INDUSTRY B

## FLOCK AND RAG

THIS REPORT on the Flock and Rag Industry relates to establishments engaged wholly or mainly in the manufacture of flocks for bedding and upholstery, and the sorting, cleaning, etc., of textile waste and rags.

This industry corresponds to minimum list heading 129(2) in the Standard Industrial Classification.

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

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in the tables of the report. More detailed explana-tions 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.

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

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-

The following notes describe terms in general use ing oil, gas and electricity) for all purposes: packing he tables of the report. More detailed explana- 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 workpeople 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).

- .. 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

	United Kingdom			Scotland	Wales
The second secon	1948	1951	1954	1954	1954 (a)
	£ million	£ million	£ million	£ million	£ million
Gross output (production)	22.4	51.0	38.2	0.79	
Net output	5.3	8.9	7.5	0.21	
Total stocks and work in progress At beginning of year Change during year	2.5	4.4	+ 4.1	0.06	:
Capital expenditure less disposals (b)	0.3	0.7	0.5	0.01	Les Si.
Wages and salaries	2.4	3.4	3.8	0.11	
Total employment (including working proprietors)	Thousands 9.0	Thousands	Thousands	Thousands 0.41	Thousands

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

(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

TABLE 1

		Unit	Great Britain	United	Kingdom
			1948	1951	1954
FIRMS EMPLOYING ON AVERAGE M	ORE THAN 10 PERSONS				
Number of establishments Total value of sales and work Products on hand for sale and work in progress Gross output (production) (a) Purchases of materials and fue Stocks of materials and fuel Cost of materials and fuel us Payment for work done on mate	at beginning of year change during year  el at beginning of year change during year	No. £'000 	176 16.630 673 - 21 16.541 12.409 1.177 - 36 12.445 138	197 41,932 2,251 - 441 41,492 33,664 1,356 + 111 33,553 256	205 30,942 1,758 + 29 30,970 24,268 1,573 + 121 24,147 266
Payment for transport (b)  Net output	{ operatives others	 No. 	3,957 5,620 959(c) 6,627 597	7.240 7.098 1.196 8.351 867	467 6.090 7.101 1.295 8.446 721
Wages and salaries	of operatives of others	£, 000	1.293 463	1,989 795	2.184 860
Capital expenditure New building work (e) Plant and machinery Vehicles	{ acquisitions (e) disposals { acquisitions (e) disposals		61 148 36 90 16	119 232 8 286 65	97 203 7 165 54
FIRMS EMPLOYING ON AVERAGE 1 Number of returns Total employment, including		No.	376	306 (f)	320
proprietors		"	2,083	1.726 (f)	1.784

(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.

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.

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

83289)

# FLOCK AND RAG Analysis by size, 1954

# Larger establishments in the United Kingdom

TABLE 3

Average number	Estab-	Gross	Net	Emplo	yees	Wages and		Capital	Net output per person
employed (a)	lish- ments	output	output	Operatives	Others	Operatives		expenditure (b)	employed (a)
	Number	£,000	£, 000	Number	Number	£,000	£, 000	£, 000	£
11 - 24 25 - 49 50 - 99 100 and over	95 65 26 19	6.261 8.839 8.192 7.678	1,213 1,586 1,481 1,811	1.451 1.914 1.554 2.182	268 301 274 452	436 575 466 707	183 207 204 265	94 104 106 161	694 712 809 687
Total	205	30,970	6,090	7,101	1,295	2,184	860	46 5	721

(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.

# Analysis according to specialisation within the industry, 1954 Larger establishments in the United Kingdom

TABLE 4

TABLE 4	1			Special	ist produc	ers of				
				- Special	, rsc produc	ers or				
	Unit	Flock	Cotton felt	Linen and cotton rags sorted, cleaned, etc.	Woollen, worsted and hair rags sorted, cleaned, etc.	Cotton waste sorted, cleaned, etc.	Wool waste sorted, cleaned, etc.	Other textile waste	Re- main- der of the indus- try	Total
Number of establishments	No.	23	8	31	63	29	14	13	24	205
Total value of sales and work done	£, 000	1 700	1 000	0.550	0.500			The late of the		Secularity (
Sales of characteristic	£ 000	1.780	1,839	3,558	9,580	6,232	4,104	1,711	2,137	30,942
products	"	1,548	1,104	2,936	7,588	5,600	3,695	1,165		
Products on hand for at beginning of year change during		28	21	156	804	160	362	92	134	1,758
work in progress ( year	"	+ 9	- 3	+ 19	+ 106	- 20	- 40	- 10	- 32	+ 29
Gross output (production)	**	1,789	1,837	3,577	9,685	6,212	4,064	1,702	2,105	30,970
Purchases of materials and fuel		1,124	1,377	2,618	7,923	5,209	3,529	1,171	1,318	24,268
Stocks of materials of year change during		67	144	118	309	378	251	228	77	1,573
and ruel year		+ 12	+ 3	+ 31	+ 88	- 47	+ 20	+ 16	- 2	+ 121
Cost of materials and fuel used Payment for work done on		1,112	1,374	2,586	7,836	5.256	3,509	1,154	1,320	24,147
materials given out		2	-	83	80	15	67	10	9	266
Payment for transport Net output		36 639	31 431	80 827	125	118 823	21 467	25 513	31 745	467 6,090
Average number of operatives others	No.	649 100	473 128	974 228	1,995	1,137	351 74	646 72	876 152	7,101 1,295
employees Total employment (a)		751	601	1,210	2,315	1,384	428	722	1,035	8,446
Net output per person employed (a)	£	851	718	684	711	595	1,091	710	720	721
Wages and salaries of operatives of others	£, 000	258 74	195 79	260 143	558 198	346 145	101	207	259 100	2.184
Capital expenditure New building work (b)		15	8	<b>J</b> .	26	15	entra bari	6	25	97
Plant and (b) machinery disposals		21 1	49 1	15	21	32	4	30	31	203 7
Vehicles { acquisitions (b) disposals		10	22 5	35 11	58 20	21 11	6 2	5	8 3	16 5 54

(a) Excluding outworkers and including working proprietors.(b) Excluding expenditure for establishments not yet in production. (83289)

# 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

	19	51		1954	
ALTERNATION AND ACTION OF THE PROPERTY OF THE	Quanti ty	Value	Quan ti ty	Value	Entries
	Th.tons	£.000	Th.tons	£'000	Number
Flock	28.7	2.726	30.2	2.048 259	98
cotton felt, other than dryer felts	8.8	2,451	8.0	1,265 306	23
Rags, sorted, cleaned, etc.	19.00 16.0	000 000 000	A VARAN TO A COLO		es a consta
· Wiping wags (a)	••		15.0	1,283 373	53
Rags other than wiping rags	100	and the latest wit	on Zenan rada os	the agentists	12.00
Woollen, worsted and hair (not pulled)	53.6	10,352	55.6	7,342	83
Linen and cotton	35.0	2.748	28.3	1,445 855	51
Cotton waste (including damaged raw cotton) sorted and cleaned, etc.	44.4	8,459	51.4	5,996	46
Wool waste, sorted, cleaned, etc. (not pulled)	10.3	5,949	8.9	4.192	28
Sacking and bagging, sorted, cleaned, etc.	13.4	750	7.9	294	41
daste paper, sorted, cleaned, etc.	11.3	176	10.9	137	17.
Cotton and other textiles rough pressed, used as upholstery padding and the like (b)	5.1	1,096	3.6	459	5
other goods (including mixed textile waste) sorted, cleaned, etc.	29.1	4.712	<b>\</b>	1,304	22
Other waste products		28	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	1,001	-
Work done for the trade or on commission (c)		530		497	48
Total		39,978		29,215	
Sales in other industries (see Table 6)		1,516		1,111	
Principal products of this industry sold by establishments in the industry		38,462		28,104	184

(a) Not recorded separately in 1951.

(b) So far as recorded separately. Described in 1951 as 'Wool and other fibres layered or loosely interlaced for use as upholstery padding'.

(c) Amount charged.

TARIE 6

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

	1954			Principal	
	Quantity	Value	Entries	industries in which produced (a)	
	Th. tons	£,000	Number		
Flock	1.6	127 46	} 47	6C, 7C	
Cotton felt, other than dryer felt	1.1	168 42	} e	6E, 7C	
Woollen, worsted and hair rags (not pulled)	2.4	277	11	6C	
Cotton waste (including damaged raw cotton), sorted, cleaned, etc.  Other goods, including cotton and other textiles rough pressed and used as upholstery padding and the like	2.8	328			
Work done for the trade or on commission (b)		123	13		
Total	les con Marie Marie	1,111			

(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.

(83289)

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

	1954			
	Quantity	Value		
	Th. tons	£,000		
Manufactured cleaning waste	2.8	298		
Recovered wool (shoddy, mungo or other pulled waste)	4.4	986 101		
	Th.sq.yds.			
Upholstery padding of hair or fibre on a hessian base		398		
Bedding and soft furnishings	Th.doz.			
Quilts and cushions	4.5	52		
Coir manufactures other than yarn, mats and cordage	·· same as	26 5		
Other goods	••	738		
Total		2,838		

TABLE 8 - Total make of intermediate products Larger establishments in the United Kingdom This table is not applicable to the industry.

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

	Quantity	Cost
	Th.tons	£,000
Ma terials	150.8	8,860
Rags	1	1,242
Cotton waste	67.5	5,832
Wool waste	12.0	3,638
Jute, coir and other fibres	11.3	396
Sacking and bagging	15.8	372
Waste paper	10.6	77
Packing materials		171
All other purchased materials		3,258
Tuel and electricity		
Coal	21.6	83
Coke	7.4	41
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	568	115
Other	43	4
For burning in furnaces, boilers, kilns, etc.	382	17 12
Gas purchased (a)	Th.therms	12
From Gas Boards and from other sources, including	143	9
other departments of the same firms	143	10
Electricity purchased (a)(b)	Th.kWh.	
From Electricity Boards and from other sources.	17,555	111
including other departments of the same firms		19
Total cost	The second of th	24.268

(a) Owing to the risk of disclosure of information relating to individual firms, the total quantity of gas and electricity obtained from other sources, including other departments of the same firms,

cannot be given separately.

(b) The total quantity of electricity generated in firms' own establishments in this industry in 1954 was 556 Th.kWh. (83289)

# FLOCK AND RAG

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 Administrative, technical and clerical employees	7.098 1.196	7.101 1.295
Total	8,294	8,396
Wages and salaries paid to	£,000	£,000
Operatives Administrative, technical and clerical employees	1,989 795	2,184 860
Total	2.784	3,043
Wages and salaries per head	£	£
Operatives Administrative, technical and clerical employees  Superannuation and other pension funds for employees and dependents (b)	280 665	308 664 £*000
Employers' contributions		38
Employees covered		Number 866 £'000
Pension, etc. payments to former employees and dependents (b)		7

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

	1951	1954
Canteen workers	Number	Number
Males	1	1
Females	72	78
Total	73	79
Other workers		
Males	213	82
Females	116	21
Total	329	103
Total excluded employees	402	182

Outworkers. No outworkers were recorded for 1951 nor for 1954. (b) The figures given relate to larger establishments in Great Britain only.

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

TABLE 11

	Number
--	--------

TABLE II						Number
	1951			1954		
	Males	Females	Total	Males	Females	Total
Working proprietors	56	1	57	49	1	50
Operatives	3,426	3,380	6,806	3,654	3,711	7,365
Administrative, technical and clerical employees	768	423	1,191	809	474	1,283
Total employees	4,194	3,803	7,997	4,463	4,185	8,648

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

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B. Non-Metalliferous Mines and Quarries (other than Coal, Salt

and Slate) C. Salt Mines, Brine Pits and Salt Works

Slate Quarries and Mines
Metalliferous Mines and Quarries
Brick and Fireclay

China and Earthenware Glass Containers

Glass (other than Containers)

Cement Abrasives

L. Building Materials
M. Manufactured Fuel

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A. Coke Ovens and By-products
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A. Tool and Implement
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D. loys and Games
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E. Canal, Dock and Harbour

Undertakings (Civil Engineering)

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G. Electricity Supply Industry

H. Water Undertakings

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