

THE PACKING TRADE.

Note.—For information regarding the scope of the Census, instructions given to firms for making returns, and definitions of the terms used in this report, reference should be made to the Introductory Notes on pages v to xviii.

Introductory.

This trade comprises firms that were engaged wholly or mainly in the packing and making-up* of textile goods. Packing work carried out by manufacturing firms on their own products was included at both Censuses in the general returns made by those firms.

The following table shows the main results of the Censuses of 1930 and 1924 in respect of firms in Great Britain that employed an average of more than 10 persons :—

Particulars.	Unit.	1930.	1924.
Value of work done (Gross output)	£'000	1,475	3,008
Cost of materials used	„	640	1,403
Net output	„	835	1,605
Average number of persons employed	No.	5,138	7,454
Net output per person employed	£	163	215
Mechanical power available :—†			
Prime movers	H.P.	613	319
Electric motors driven by purchased electricity... ..	„	2,017	1,987
Number of returns	No.	91	131
Number of establishments	„	126	‡

† Excluding hydraulic power (see page 306).

‡ Not available.

Deficiencies in 1930 aggregates.—The aggregate number of persons employed in 1930 by firms that stated that they employed not more than 10 persons on the average was 755, the corresponding figure for 1924 being 589. The value of the gross output of the small firms in 1924 was £189,000, all of which was in respect of packing and making-up. In addition, 20 firms to which schedules were sent at the 1930 Census and the same number at that of 1924

* The term “making-up” refers, not to the putting together of finished goods, such as articles of clothing, from their materials, but to the making-up of consignments of goods in different lengths, folds or shapes, or with special tickets, tapes, parcelling, etc., as may be required for various destinations or customers.

furnished no information: these firms either had small businesses or had ceased productive operations before the end of the censal year.

Size of firms.—In the following table the main particulars recorded at the Census of 1930 are grouped according to the average numbers of persons shown in the returns:—

Size of firm (average numbers employed).	No. of returns.	Gross output.	Net output.	Average number of persons employed.	Net output per person employed.
		£'000.	£'000.		£
11-24	36	186	103	659	156
25-49	32	306	171	1,102	155
50-99	13	241	143	926	155
100 and over ...	10	742	418	2,451	171
TOTAL ...	91	1,475	835	5,138	163

Regional distribution.—In the following table the results recorded at the Censuses of 1930 and 1924 are grouped according to the principal areas* of Great Britain in which firms in this trade are situated:—

Area.	No. of returns.	Gross output.	Net output.	Average number of persons employed.	Net output per person employed.
		£'000.	£'000.		£
1 and 2 ... 1930	62	1,265	712	4,151	172
2 1924	77	2,471	1,339	6,000	223
3 { 1930	26	175	97	804	120
... .. { 1924	48	473	226	1,167	194
9 and 10 ... 1930	3	35	26	183	143
9 1924	6	64	40	287	139
TOTAL ... { 1930	91	1,475	835	5,138	163
... .. { 1924	131	3,008	1,605	7,454	215

Northern Ireland.—The following table summarises the particulars recorded at the Census of Production of Northern Ireland for 1930 and 1924. For 1930 the information relates to firms that employed an average of more than *five* persons and, for 1924, to *all* firms.

* For particulars see page xviii.

Particulars.	Unit.	1930.	1924.
Value of packing and making-up work done (Gross output)	£'000	83	82
Cost of materials used	"	30	25
Net output... ..	"	53	57
Average number of persons employed	No.	303	505
Net output per person employed	£	175	113
Mechanical power available:—			
Electric motors driven by purchased electricity ...	H.P.	99	115

Production.

Packing and making-up.—The total amount recorded as received for packing and making-up customers' goods in 1930 by firms in Great Britain was £1,504,000: included in this total is the sum of £36,000 which was recorded in respect of similar work by firms that made their returns on schedules for other trades. The corresponding total for 1924 was £3,035,000. The number of entries recorded on schedules for the Packing Trade was 90, and on schedules for all trades, 102.

Other work done.—In addition to packing and making-up customers' goods, firms in the Packing Trade carried out a small amount of work of other kinds. The amount received for this work was £7,000 in 1930 and £17,000* in 1924.

Employment and Wages.

Employment.—The following table shows the average numbers of persons employed in 1930 and 1924:—

Persons employed.	Males.		Females.		Total.	
	Under 18.	All ages.	Under 18.	All ages.	Under 18.	All ages.
1930.						
Operatives (average for the year)	212	3,083	269	1,317	481	4,400
Administrative, technical and clerical staff (as at October 18th)	45	555	20	183	65	738
TOTAL	257	3,638	289	1,500	546	5,138
1924.						
Operatives (average for the year)	352	4,707	411	2,005	763	6,712
Administrative, technical and clerical staff (as at October 18th)	56	572	24	170	80	742
TOTAL	408	5,279	435	2,175	843	7,454

* This sum includes a small amount in respect of goods made for sale.

Wages.—The available information as to the amount of wages paid in 1930 and 1924 is given on pages 18 and 19.

Power.

The following table shows the capacity of prime movers, electric generators and electric motors ordinarily in use and in reserve or idle in 1930 and 1924 :—

Power equipment.	1930.			1924.		
	Ordinarily in use.	In reserve or idle.	Total.	Ordinarily in use.	In reserve or idle.	Total.
	H.P.	H.P.	H.P.	H.P.	H.P.	H.P.
PRIME MOVERS.						
Reciprocating steam engines	292	—	292	32	—	32
Internal combustion engines :—						
Gas	207	4	211	207	80	287
Heavy oils	110	—	110	—	—	—
TOTAL	609	4	613	239	80	319
	Kw.	Kw.	Kw.	Kw.	Kw.	Kw.
ELECTRIC GENERATORS.						
Driven by						
Reciprocating steam engines	26	—	26	—	—	—
Gas engines	124	—	124	33	83	116
TOTAL	150	—	150	33	83	116
	H.P.	H.P.	H.P.	H.P.	H.P.	H.P.
ELECTRIC MOTORS.						
Driven by						
Electricity generated in same works	23	—	23	23	—	23
Purchased electricity	1,845	172	2,017	1,900	87	1,987
TOTAL	1,868	172	2,040	1,923	87	2,010

High-pressure water power.—In addition to the power shown above, firms in the Packing Trade used 90,580,700 gallons of water in 1930, the bulk of which was returned as being at a pressure of 1,120 lbs. to the square inch. The quantity of water similarly used in 1924 was 135,529,000 gallons, the average pressure not being recorded for that year.

Consumption of fuel.

The following table shows the quantities of coal, coke and electricity recorded as used in 1930 :—

Kind of fuel used.	For power (driving engines).	For other purposes.
		Tons.
Coal	1,223	2,096
Coke	—	3,838
		B.T.U. (Kw.-hrs.) '000
Electricity used for all purposes :—		
Generated in same works		112
Purchased		1,972
TOTAL—Electricity		2,084

TABLES.

I. Summary of results.

Particulars.	Unit.	England and Wales.	Scotland.	Great Britain.
Value of work done (Gross output) ...	£'000	1,440	35	1,475
Cost of materials used ...	"	631	9	640
Net output ...	"	809	26	835
Average number of persons employed...	No.	4,955	183	5,138
Net output per person employed ...	£	163	143	163
Mechanical power available :—				
Prime movers ...	H.P.	363	250	613
Electric motors driven by purchased electricity ...	"	2,011	6	2,017

II. Production.

Kind of work done.	England and Wales.	Scotland.	Great Britain.
	£'000	£'000	£'000
Packing (including making-up) ...	1,433	35	1,468
Other work done ...	7	—	7
TOTAL VALUE OF WORK DONE (GROSS OUTPUT) ...	1,440	35	1,475

III. Employment.

A. NUMBERS EMPLOYED IN WEEK ENDED 18TH OCTOBER, 1930.

Persons employed.	Males.		Females.		Males and females.	
	Under 18.	All ages.	Under 18.	All ages.	Under 18.	All ages.
<i>England and Wales :—</i>						
Operatives ...	215	3,022	267	1,286	482	4,308
Administrative, etc.* ...	44	546	20	179	64	725
TOTAL ...	259	3,568	287	1,465	546	5,033
<i>Scotland :—</i>						
Operatives ...	—	107	6	51	6	158
Administrative, etc.* ...	1	9	—	4	1	13
TOTAL ...	1	116	6	55	7	171
<i>Great Britain :—</i>						
Operatives ...	215	3,129	273	1,337	488	4,466
Administrative, etc.* ...	45	555	20	183	65	738
TOTAL ...	260	3,684	293	1,520	553	5,204

* Administrative, technical and clerical staff.

B. OPERATIVES EMPLOYED IN ONE WEEK IN EACH MONTH OF 1930.

Week ended	Males and females.			Week ended	Males and females.		
	England and Wales.	Scotland.	Great Britain.		England and Wales.	Scotland.	Great Britain.
Jan. 18th	4,701	176	4,877	July 19th	4,036	199	4,235
Feb. 15th	4,607	175	4,782	Aug. 16th	3,731	177	3,908
Mar. 15th	4,540	164	4,704	Sept. 13th	3,646	176	3,822
April 12th	4,297	167	4,464	Oct. 18th	4,308	158	4,466
May 17th	4,081	196	4,277	Nov. 15th	4,264	155	4,419
June 21st	4,171	186	4,357	Dec. 13th	4,372	110	4,482
AVERAGE FOR THE 12 MONTHS	4,230	170	4,400

IV. Power.

PARTICULARS OF PRIME MOVERS, ELECTRIC GENERATORS AND ELECTRIC MOTORS.

Power equipment.	England and Wales.		Scotland.		Great Britain.	
	Ordinarily in use.	In reserve or idle.	Ordinarily in use.	In reserve or idle.	Ordinarily in use.	In reserve or idle.
PRIME MOVERS.						
Reciprocating steam engines ...	H.P.	H.P.	H.P.	H.P.	H.P.	H.P.
Internal combustion engines :—						
Gas ...	207	4	—	—	207	4
Heavy oils ...	110	—	—	—	110	—
TOTAL ...	359	4	250	—	609	4
TOTAL OF PRIME MOVERS INSTALLED ...	363		250		613	
ELECTRIC GENERATORS Driven by						
Reciprocating steam engines ...	Kw.	Kw.	Kw.	Kw.	Kw.	Kw.
Internal combustion engines :—						
Gas ...	—	—	26	—	26	—
Heavy oils ...	124	—	—	—	124	—
TOTAL ...	124	—	26	—	150	—
TOTAL OF ELECTRIC GENERATORS INSTALLED ...	124		26		150	

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Power equipment.	England and Wales.		Scotland.		Great Britain.	
	Ordinarily in use.	In reserve or idle.	Ordinarily in use.	In reserve or idle.	Ordinarily in use.	In reserve or idle.
	H.P.	H.P.	H.P.	H.P.	H.P.	H.P.
ELECTRIC MOTORS. Driven by						
Electricity generated in same works	23	—	—	—	23	—
Purchased electricity	1,839	172	6	—	1,845	172
TOTAL	1,862	172	6	—	1,868	172
TOTAL OF ELECTRIC MOTORS INSTALLED ...	2,034		6		2,040	

High pressure water power.—The quantity of water at high pressure used for power purposes was as shown below. The bulk of this water was returned as used at a pressure of 1,120 lbs. to the square inch.

	Th. galls.
England and Wales	90,342.2
Scotland	238.5
Great Britain	90,580.7

V. Consumption of fuel.

Kind of fuel used.	England and Wales.	Scotland.	Great Britain.
	Tons.	Tons.	Tons.
Coal used for power	423	800	1,223
Coke used for power	—	—	—
	B.T.U. (Kw.-hrs.) '000	B.T.U. (Kw.-hrs.) '000	B.T.U. (Kw.-hrs.) '000
Electricity used for all purposes :—			
Generated in same works	109	3	112
Purchased	1,966	6	1,972
TOTAL—Electricity	2,075	9	2,084