

## THE BACON CURING AND SAUSAGE 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 curing or smoking bacon and hams and in manufacturing lard, sausages and similar products. The particulars given below are confined to wholesale manufacturers and to central factories maintained by retail dealers. Returns were not required in respect of sausages and other goods made at retail shops.

At each Census a number of firms recorded sales of fresh meat in their returns. The value of this meat (£770,000 for 1930) has been deducted throughout this report from the value of the gross output and from the cost of materials used. The cost of materials is, therefore, under-stated in each year by the amount of the profits on the sales of fresh meat recorded, and the net output is correspondingly over-stated: the effect on the net output per head is, however, unimportant.

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 ten persons:—

Particulars	Unit	1930	1924
Value of goods made and work done (Gross output)	£'000	24,132	20,662
Cost of materials used ... ..	"	19,914	16,707
Paid for work given out to other firms ... ..	"	11	*
Net output ... ..	"	4,207	3,955
Average number of persons employed ... ..	No.	13,701	11,471
Net output per person employed ... ..	£	307	345
Power available:—			
Prime movers ... ..	H.P.	7,171	5,490
Electric motors driven by purchased electricity	"	10,366	6,900
Number of returns ... ..	No.	229	212
Number of establishments ... ..	"	308	†

\* Not ascertained.

† Not available.

**Deficiencies in 1930 aggregates.**—The aggregate number of persons employed in 1930 by firms that stated that they employed not more than ten persons on the average was 2,858, the corresponding figure for 1924 being 1,672. In addition, 227 firms to which schedules were sent at the 1930 Census and 175 at that of



1924 furnished no information; these firms consisted largely of retail dealers manufacturing on a very small scale for their own trade.

The value of the gross output of the small firms in 1924 was £2,148,000, and particulars of the items included in this figure are given below:—

	Th. cwts.	£'000
Bacon ... ..	92	584
Bacon, smoked only ... ..	25	182
Hams ... ..	21	145
Hams, smoked only ... ..	12	66
Bacon and hams, not smoked, not separately distinguished ... ..	1	6
<b>TOTAL—Bacon and hams</b> ... ..	<b>151</b>	<b>983</b>
Pork, salted ... ..	7	45
Lard ... ..	12	56
Sausages ... ..	...	506
Tripe, dressed ... ..	...	77
Other products of the trade (cooked meats, brawn, bladders, casings, suet, etc.) ... ..	...	446
Other goods made ... ..	...	35
<b>TOTAL</b> ... ..	<b>...</b>	<b>2,148</b>

About 13 per cent of the total number of persons employed by all firms in Great Britain in this trade in 1924, and between 9 and 10 per cent. of the value of the gross output, was recorded on returns made by firms employing not more than ten persons. At the 1930 Census the number of employees recorded by the small firms (2,858) exceeded 17 per cent. of the total reported by all firms, but this number may have included some retail butchers whose description of their business did not enable them to be identified as such.

**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)	Number of returns	Gross output	Net output	Average number of persons employed	Net output per person employed
	No.	£'000	£'000	No.	£
11-24 ... ..	96	2,554	434	1,656	262
25-49 ... ..	74	5,399	744	2,546	292
50-99 ... ..	37	5,479	919	2,473	372
100-199 ... ..	10	2,601	300	1,327	226
200-399 ... ..	7	3,896	562	2,050	274
400-1,499 ... ..	5	4,203	1,248	3,649	342
<b>TOTAL</b> ... ..	<b>229</b>	<b>24,132</b>	<b>4,207</b>	<b>13,701</b>	<b>307</b>

**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	Number of returns	Gross output	Net output	Average number of persons employed	Net output per person employed
	No.	£'000	£'000	No.	£
1 ... { 1930	46	9,863	1,317	3,534	373
{ 1924	33	4,447	871	1,754	497
2 ... { 1930	39	1,822	420	1,672	251
{ 1924	48	3,709	767	2,026	379
3 ... { 1930	12	554	110	513	214
{ 1924	13	558	144	665	217
4 ... { 1930	7	199	47	204	232
{ 1924	6	376	46	160	238
5 ... { 1930	21	3,154	757	2,186	346
{ 1924	20	3,509	672	2,012	334
6 ... { 1930	66	5,374	1,106	3,726	297
{ 1924	64	6,038	989	3,323	298
7 ... { 1930	3	54	12	56	215
{ 1924	3	38	14	47	298
9 ... { 1930	18	1,676	271	1,172	231
{ 1924	10	902	284	997	285
10 ... { 1930	17	1,436	167	638	261
{ 1924	15	1,085	168	487	345
<b>TOTAL</b> { 1930	<b>229</b>	<b>24,132</b>	<b>4,207</b>	<b>13,701</b>	<b>307</b>
{ 1924	<b>212</b>	<b>20,662</b>	<b>3,955</b>	<b>11,471</b>	<b>345</b>

**Northern Ireland.**—The following table summarises the particulars recorded at the Census of Production taken by the Government of Northern Ireland for 1930, in respect of firms that employed an average of more than *five* persons.

No satisfactory comparison can be made with the 1924 figures, which related to firms irrespective of size, owing to the absence of returns from certain important bacon curing establishments. The particulars obtained at the 1924 Census are added below for information, but this qualification should be borne in mind.

\* For particulars see page xviii.



Particulars	Unit	1930	1924
Value of goods made and work done (Gross output)	£'000	2,601	1,603
Cost of materials used ... ..	"	2,393	1,450
Net output ... ..	"	208	153
Average number of persons employed ... ..	No.	748	486
Net output per person employed ... ..	£	278	316
Power available:—			
Prime movers ... ..	H.P.	838	534
Electric motors driven by purchased electricity	"	462	105

The following table gives detailed particulars of the output in each year:—

Kind of goods	1930		1924	
	Quantity	Value	Quantity	Value
	Th. cwts.	£'000	Th. cwts.	£'000
Bacon ... ..	252	1,365	150	906
Hams ... ..	104	747	59	448
Bacon and hams, cured, not separately distinguished ...	—	—	6	37
Bacon and hams, smoked only ...	12	78	—	—
Total—Bacon and hams ...	368	2,190	215	1,391
Pork, salted (other than bacon and hams) ... ..	14	20	3	8
Lard ... ..	47	146	28	118
Sausages ... ..	...	51	...	15
Bones ... ..	...	24	...	18
Heads ... ..	...	33	...	21
Brawn, cooked pork and other meats, puddings and pies ...	...	9	...	...
Offals and by-products not specified above ... ..	...	114	...	32
Other goods ... ..	...	13	...	...
Work done for the trade ... ..	...	1*	...	...
TOTAL ... ..	...	2,601	...	1,603

\* Amount received for work done.

### Production

**Principal products.**—The following table shows the value and, where available, the quantity of bacon, hams, lard, sausages, etc., made in 1930 and 1924. Firms that purchased bacon or hams already cured and smoked them for re-sale were requested in 1930 to enter particulars of such bacon and hams separately; in the following table the quantity and value so recorded are distinguished by the addition of the words "smoked only."

Kind of goods	1930						1924	
	Returned on schedules for						Total	
	The Bacon Curing and Sausage Trade			All trades				
Quantity	Value	Ent-ries	Quantity	Value	Ent-ries	Quantity	Value	
	Th. cwts.	£'000	No.	Th. cwts.	£'000	No.	Th. cwts.	£'000
Bacon ... ..	1,012	5,189	101	1,013	5,194	102	802	4,926
Bacon, smoked only ... ..	1,171	5,926	37	1,174	5,940	38	487*	3,130
Hams ... ..	277	1,913	77	277	1,913	77	232	1,597
Hams, smoked only ... ..	72	478	28	73	483	29	47*	249
Bacon and hams, cured, not separately distinguished ... ..	—	—	—	—	—	—	169	1,037
Bacon and hams, smoked only, not separately distinguished	—	—	—	—	—	—	122	667
TOTAL—Bacon and hams	2,532	13,506	...	2,537	13,530	...	1,859	11,606
Pork, salted (other than bacon and hams) ... ..	30	150	32	30	150	32	12	67
Lard ... ..	139	455	90	854	2,462	102	631*	2,519
Sausages ... ..	...	3,715	138	...	3,821	146	...	2,789
Cooked meats, brawn, puddings and pies ... ..	...	3,195	154	...	4,178	317	...	3,376
Tripe, dressed ... ..	...	347	29	...	360	30	...	360
Bladders, casings and sausage skins ... ..	19	121	21	19	121	21	...	660
Heads ... ..	...	39	46	...	39	46	...	75
Suet, dripping and other edible animal fats ... ..	117	251	99	235	617	116	...	647*
Gut strings*† ... ..	...	54	5	...	79	7	...	63
TOTAL—PRINCIPAL PRODUCTS	...	22,451	...	...	26,067	...	...	22,162

\* So far as separately recorded.

† Quantity not stated.

‡ Exclusive of finished strings, described as for tennis racquets, musical instruments, etc.

**Prices.**—The average selling values of bacon, hams, salted pork and lard in 1930 and 1924, as calculated from the Census returns, are shown in the following table. It should be borne in mind that these comparisons do not take account of any changes that may have occurred since the earlier year in the quality of the goods included under the specified descriptions.

Kind of goods	Average value		1930 as a percentage of 1924
	1930	1924	
	£ per cwt.	£ per cwt.	Per cent.
Bacon ... ..	5.13	6.14	83.6
Bacon, smoked only ... ..	5.06	6.43	78.7
Hams ... ..	6.90	6.87	100.4
Hams, smoked only ... ..	6.71	5.29	126.8
Salted pork ... ..	4.95	5.68	87.2
Lard ... ..	2.88	3.99	72.2



**Volume of production in 1930 and 1924.**—The following table compares the volume of production of bacon, hams, salted pork, lard, etc., in 1930 and 1924:—

Kind of goods	Total production			1930 as a percentage of 1924
	1930	1924		
	As returned	As returned	At 1930 average values	Per cent.
Bacon ... ..	£'000 5,194	£'000 4,926	£'000 4,118	*
Bacon, smoked only ... ..	5,940	3,130	2,463	*
Hams ... ..	1,913	1,597	1,603	*
Hams, smoked only ... ..	483	249	316	*
Bacon and hams, not separately distinguished ... ..	—	1,704	1,459†	—
<b>Total—Bacon and hams ...</b>	<b>13,530</b>	<b>11,606</b>	<b>9,959</b>	<b>136</b>
Pork, salted ... ..	150	67	58	259
Lard ... ..	2,462	2,519	1,819	135
Other principal products ... ..	9,925	7,970	6,647†	149
<b>TOTAL ... ..</b>	<b>26,067</b>	<b>22,162</b>	<b>18,483</b>	<b>141</b>

\* In view of the large unclassified output recorded for 1924, figures are not inserted here.

† Based on average values of preceding items.

**Work done for the trade or on commission.**—The total amount recorded as received for work done for the trade in 1930 was £8,000, the corresponding total for 1924 being £18,000.

**Production, exports and imports.**—The following table shows, in relation to production, the quantities of bacon and hams, salted pork and lard, and the values of bladders, casings and sausage skins exported from the United Kingdom in 1930 and 1924, together with corresponding particulars of similar goods imported and retained. As regards the 1930 figures of production, the deficiencies referred to on pages 95-6 of this report should be borne in mind; the figures for both 1930 and 1924 include the recorded output of firms in Northern Ireland and those for 1924 include, in addition, the output of the small firms.

Kind of goods	Production	Exports	Proportion of production exported	Retained imports	Available for use in the United Kingdom		Share of home market held by British products
					Th. cwts.	Per cent.	
Bacon and hams*	1930	1,646	39	2.4	9,818	11,425	14.1
	1924	1,535	45	2.9	8,924	10,414	14.3
Pork, salted ...	1930	44	†	...	65	...	...
	1924	22	†	...	31	...	...
Lard ... ..	1930	901	7	0.8	2,495	3,389	26.4
	1924	671	10	1.5	2,475	3,136	21.1
		£'000	£'000		£'000		
Bladders, casings and sausage skins ... ..	1930	689	306	†	629	†	†
	1924	787	408	†	801	†	†

\* It is assumed, for the purposes of this table, that the bacon and hams recorded as "smoked only" in the Census returns represented imported produce smoked in the United Kingdom or home produce already returned by other firms, and such bacon and hams are therefore excluded from the production figures.

† Not recorded separately in the trade returns.

‡ Owing to the different bases of valuation of production (at factory), exports (f.o.b.) and imports (c.i.f.) precise figures are not available for insertion here.

**Other products.**—In addition to the output shown in the table of principal products on page 99, the following goods were produced in 1930 and 1924 by firms that made their returns on schedules for the Bacon Curing and Sausage Trade. These goods are dealt with in the reports on those trades in which the principal output was recorded.

Kind of goods	1930	1924
	Value	Value
	£'000	£'000
Preserved meat in tins, glasses, etc. ... ..	919	273
Other preserved foods ... ..	41	6
Other food products (including feeding stuffs for animals) ... ..	113	37
Lard compound, tallow, and other animal oils, fats and greases ... ..	68	262
Other goods (including electricity sold) ... ..	119	121
<b>TOTAL ... ..</b>	<b>1,260</b>	<b>699</b>

**Waste products sold.**—The following sales of waste products were recorded by firms in this trade:—

	1930	1924
	£'000	£'000
Bones ... ..	55	40
Other offals ... ..	358	323
<b>TOTAL ... ..</b>	<b>413</b>	<b>363</b>



### 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
	<b>1930</b>					
Operatives (average for the year)	649	7,814	771	3,321	1,420	11,135
Administrative, technical and clerical staff (as at 18th October) ... ..	132	1,815	111	751	243	2,566
<b>TOTAL ... ..</b>	<b>781</b>	<b>9,629</b>	<b>882</b>	<b>4,072</b>	<b>1,663</b>	<b>13,701</b>
<b>1924</b>						
Operatives (average for the year)	558	6,616	524	2,760	1,082	9,376
Administrative, technical and clerical staff (as at 18th October) ... ..	131	1,494	78	601	209	2,095
<b>TOTAL ... ..</b>	<b>689</b>	<b>8,110</b>	<b>602</b>	<b>3,361</b>	<b>1,291</b>	<b>11,471</b>

**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
	<b>PRIME MOVERS</b>					
Reciprocating steam engines ... ..	H.P.	H.P.	H.P.	H.P.	H.P.	H.P.
Reciprocating steam engines ... ..	2,385	1,180	3,565	2,129	1,299	3,428
Steam turbines ... ..	—	—	—	9	—	9
<b>Internal combustion engines :—</b>						
Gas ... ..	929	198	1,127	866	446	1,312
Petrol, kerosene, or other light oils ...	153	82	235	44	—	44
Heavy oils ... ..	2,215	—	2,215	633	25	658
Water engines ... ..	29	—	29	39	—	39
<b>TOTAL ... ..</b>	<b>5,711</b>	<b>1,460</b>	<b>7,171</b>	<b>3,720</b>	<b>1,770</b>	<b>5,490</b>

Power equipment	1930			1924		
	Ordinarily in use	In reserve or idle	Total	Ordinarily in use	In reserve or idle	Total
<b>ELECTRIC GENERATORS</b>						
Driven by						
Reciprocating steam engines ... ..	Kw.	Kw.	Kw.	Kw.	Kw.	Kw.
Reciprocating steam engines ... ..	935	579	1,514	755	788	1,543
<b>Internal combustion engines :—</b>						
Gas ... ..	107	27	134	188	77	265
Petrol, kerosene, or other light oils ... ..	27	—	27	4	—	4
Heavy oils ... ..	291	—	291	119	—	119
Water engines ... ..	—	—	—	5	—	5
<b>TOTAL ... ..</b>	<b>1,360</b>	<b>606</b>	<b>1,966</b>	<b>1,071</b>	<b>865</b>	<b>1,936</b>
<b>ELECTRIC MOTORS</b>						
Driven by						
Electricity generated in same works ...	H.P.	H.P.	H.P.	H.P.	H.P.	H.P.
Electricity generated in same works ...	1,867	645	2,512	1,454	328	1,782
Purchased electricity	9,715	651	10,366	5,757	1,143	6,900
<b>TOTAL ... ..</b>	<b>11,582</b>	<b>1,296</b>	<b>12,878</b>	<b>7,211</b>	<b>1,471</b>	<b>8,682</b>

### 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 (so far as recorded)	For power and other purposes, not separately distinguished
	Tons	Tons	Tons
Coal ... ..	19,108	34,727*	1,309
Coke ... ..	70	7,591*	857
			B.T.U. (Kw.-hrs.) '000
<b>Electricity used for all purposes :—</b>			
Generated in same works ... ..	...	...	2,323
Purchased ... ..	...	...	7,334
<b>TOTAL—Electricity ... ..</b>			<b>9,657</b>

\* These figures were recorded by firms representing 85.0 per cent. of the net output of the whole trade.



## TABLES

## I. Summary of results

Particulars	Unit	England and Wales	Scotland	Great Britain
Value of goods made and work done (Gross output) ... ..	£'000	21,020	3,112	24,132
Cost of materials used ... ..	"	17,240	2,674	19,914
Paid for work given out to other firms	"	11	*	11
Net output ... ..	"	3,769	438	4,207
Average number of persons employed...	No.	11,891	1,810	13,701
Net output per person employed ...	£	317	242	307
Power available :—				
Prime movers ... ..	H.P.	6,683	488	7,171
Electric motors driven by purchased electricity ... ..	"	8,853	1,513	10,366

\* Less than £500.

## II. Production

Kind of goods made and work done	Unit	England and Wales	Scotland	Great Britain
Bacon ... ..	<i>Th. cwts.</i>	852	160	1,012
	£'000	4,155	1,034	5,189
Bacon, smoked only ... ..	<i>Th. cwts.</i>	1,095	76	1,171
	£'000	5,530	396	5,926
Hams ... ..	<i>Th. cwts.</i>	221	56	277
	£'000	1,500	413	1,913
Hams, smoked only ... ..	<i>Th. cwts.</i>	32	40	72
	£'000	211	267	478
TOTAL—Bacon and hams ...	<i>Th. cwts.</i>	2,200	332	2,532
	£'000	11,396	2,110	13,506
Pork, salted (other than bacon and hams) ... ..	<i>Th. cwts.</i>	‡	‡	30
	£'000	‡	‡	150
Lard ... ..	<i>Th. cwts.</i>	100	39	139
	£'000	354	101	455
Sausages ... ..	£'000	3,391	324	3,715
Cooked meats, brawn, puddings and pies ... ..	"	2,940	255	3,195
Tripe, dressed ... ..	"	‡	‡	347

Kind of goods made and work done	Unit	England and Wales	Scotland	Great Britain
Bladders, casings and sausage skins ... ..	<i>Th. cwts.</i>	15	4	19
	£'000	109	12	121
Heads ... ..	"	484	62	546
Suet, dripping and other edible animal fats ... ..	<i>Th. cwts.</i>	39	†	39
	£'000	89	28	117
Gut strings* ... ..	"	185	66	251
Preserved meat in tins, glasses, etc. ...	"	72	—	72
Other preserved foods ... ..	"	‡	‡	54
Other food products (including feeding stuffs for animals) ... ..	"	817	102	919
Lard compound, tallow and other animal oils, fats and greases ...	"	41	†	41
Bones ... ..	"	111	2	113
Other offals ... ..	"	49	19	68
Other goods (including electricity sold)	"	46	9	55
	"	339	19	358
	"	111	8	119
TOTAL VALUE OF GOODS MADE ...	£'000	21,012	3,112	24,124
Amount received for work done ...	£'000	8	†	8
TOTAL VALUE OF GOODS MADE AND WORK DONE (GROSS OUTPUT) ...	£'000	21,020	3,112	24,132

‡ Owing to the possible disclosure of information relating to individual firms, separate particulars for England and Wales and for Scotland cannot be given.

† Less than £500.



## 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 ... ..	578	7,014	622	2,835	1,200	9,849
Administrative, etc.*	120	1,623	85	575	205	2,198
TOTAL ... ..	698	8,637	707	3,410	1,405	12,047
<i>Scotland :—</i>						
Operatives ... ..	82	928	161	540	243	1,468
Administrative, etc.*	12	192	26	176	38	368
TOTAL ... ..	94	1,120	187	716	281	1,836
<i>Great Britain :—</i>						
Operatives ... ..	660	7,942	783	3,375	1,443	11,317
Administrative, etc.*	132	1,815	111	751	243	2,566
TOTAL ... ..	792	9,757	894	4,126	1,686	13,883

\* 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. 18 ...	9,829	1,440	11,269	July 19 ...	9,466	1,422	10,888
Feb. 15 ...	9,804	1,444	11,248	Aug. 16...	9,493	1,443	10,936
Mar. 15 ...	9,674	1,445	11,119	Sept. 13...	9,583	1,439	11,022
April 12 ...	9,535	1,401	10,936	Oct. 18 ...	9,849	1,468	11,317
May 17 ...	9,565	1,433	10,998	Nov. 15...	9,937	1,463	11,400
June 21 ...	9,546	1,424	10,970	Dec. 13 ...	10,037	1,485	11,522
AVERAGE FOR THE TWELVE MONTHS ... ..					9,693	1,442	11,135

## 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
<b>PRIME MOVERS</b>						
Reciprocating steam engines ... ..	H.P.	H.P.	H.P.	H.P.	H.P.	H.P.
2,260	1,115	125	65	2,385	1,180	
Internal combustion engines :—						
Gas ... ..	729	178	200	20	929	198
Petrol, kerosene, or other light oils ...	153	82	—	—	153	82
Heavy oils ... ..	2,137	—	78	—	2,215	—
Water engines ... ..	29	—	—	—	29	—
TOTAL ... ..	5,308	1,375	403	85	5,711	1,460
TOTAL OF PRIME MOVERS INSTALLED	6,683		488		7,171	
<b>ELECTRIC GENERATORS</b>						
Driven by						
Reciprocating steam engines ... ..	Kw.	Kw.	Kw.	Kw.	Kw.	Kw.
875	579	60	—	935	579	
Internal combustion engines :—						
Gas ... ..	27	27	80	—	107	27
Petrol, kerosene, or other light oils ... ..	27	—	—	—	27	—
Heavy oils ... ..	291	—	—	—	291	—
TOTAL ... ..	1,220	606	140	—	1,360	606
TOTAL OF ELECTRIC GENERATORS INSTALLED	1,826		140		1,966	
<b>ELECTRIC MOTORS</b>						
Driven by						
Electricity generated in same works ...	H.P.	H.P.	H.P.	H.P.	H.P.	H.P.
1,656	641	211	4	1,867	645	
Purchased electricity	8,262	591	1,453	60	9,715	651
TOTAL ... ..	9,918	1,232	1,664	64	11,582	1,296
TOTAL OF ELECTRIC MOTORS INSTALLED	11,150		1,728		12,878	



## V. Consumption of fuel

Kind of fuel used	England and Wales	Scotland	Great Britain
	Tons	Tons	Tons
Coal used for power* ... ..	18,133	975	19,108
Coke used for power* ... ..	70	—	70
	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 ... ..	2,129	194	2,323
Purchased ... ..	6,714	620	7,334
TOTAL—Electricity ... ..	8,843	814	9,657

\* In addition, 1,309 tons of coal (1,159 tons in England and Wales and 150 tons in Scotland) and 857 tons of coke (all in England and Wales) were recorded as used for power and for other purposes, not separately distinguished.