THE PAINT, COLOUR AND VARNISH 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 manufacture of paints, colours and varnish.

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	19,528	16,948
Cost of materials used	,,	10,882	9,598
Paid for work given out to other firms	,,	13	*
Net output	,,	8,633	7,350
Average number of persons employed	No.	21,292	18,502
Net output per person employed	£	405	397
Power available:—			
Prime movers	H.P.	12,849	13,472
Electric motors driven by purchased electricity	"	39,250	23,073
Number of returns	No.	318	289
Number of establishments	,,	379	†

^{*} Not ascertained.

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 2,010, the corresponding figure for 1924 being 1,320.* The value of the gross output of the small firms in 1924 was £1,002,000,* and particulars of the principal classes of goods included in this figure are given below:—

			£'000
Paints in paste or mi	xed fo	r use	 362
			(126,000 cwts.)
Other paints and cold	ours		 151
Varnishes			 299
			(1,304,000 galls.)
Other principal produ	icts		 106
Other goods made			 77
Work done			 7
	Тота	AL	 1,002*

* These figures include particulars in respect of the few firms in Northern Ireland regarding which separate information is not available for publication.

In addition, 24 firms to which schedules were sent at the 1930 Census and about 40 at that of 1924 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)	Number of returns	Gross output	Net output	Average number of persons employed	Net output per person employed
	No.	£'000	£'000	No.	£
11-24	127	1,587	646	2,087	309
25-49	77	2,285	951	2,671	356
50-99	57	3,685	1,570	3,995	393
100-199	37	4,760	2,077	4,901	424
200-299	8	2,038	949	1,978	480
300-399	6	2,188	959	1,989	482
400–749	6	2,985	1,481	3,671	403
TOTAL	318	19,528	8,633	21,292	405

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	111	7,865	3,388	8,253	410
1 \ 1924	104	7,184	2,975	7,149	416
2 $\int 1930$	46	2,769	1,122	2,704	415
1924	35	2,231	899	2,368	380
3\[\int 1930	10	471	208	373	558
1924	13	437	181	467	388
4\[\frac{1930}{1930} \]	15	1,697	723	1,610	449
1924	16	1,099	602	1,325	454
5 1930	30	1,999	1,067	2,074	514
[1924]	26	1,626	858	1,619	530
6 \[\int 1930 \]	75	3,539	1,676	4,859	345
1924	56	2,792	1,267	4,006	316
7 and 8 \ \ \frac{1930}{7004}	3	61	26	80	326
[1924]	5	162	87	183	475
9 \[\frac{1930}{5000} \]	18	797	274	895	306
1924	26	1,057	326	1,009	323
10 $\int 1930$	10	330	149	444	335
10\ 1924	8	360	155	376	412
TOTAL \$ 1930	318	19,528	8,633	21,292	405
101AL \ 1924	289	16,948	7,350	18,502	397

Northern Ireland.—Owing to the risk of disclosure of information relating to individual firms, separate details in respect of the manufacture of paints, colours and varnish in Northern Ireland were

[†] Not available.

^{*} For particulars see page xviii.

not published either for 1930 or for 1924, the information being combined in general totals covering the manufacture of chemicals, fertilisers, paints and oils (see page 264).

Production

Total make of white lead and boiled and refined linseed oil.— The total quantity of dry white lead produced by firms that made returns on schedules for the Paint, Colour and Varnish Trade was recorded as 417,000 cwts. in 1930 and 257,000 cwts. in 1924, these amounts being inclusive of the quantities used in the makers' own works as well as those sold (or added to stock) as such. White lead was also produced by firms engaged in the smelting, etc., of lead, 120,000 cwts. being recorded by such firms for 1930 and 550,000 cwts. for 1924. The total quantity manufactured in all trades was thus 537,000 cwts. in 1930 and 807,000 cwts. in 1924.

Firms that made returns on schedules for the Paint, Colour and Varnish Trades produced 291,000 cwts. of boiled or refined linseed oil in 1930 and 313,000 cwts. in 1924, these figures being inclusive of the amounts used by the makers. Large quantities of boiled and refined linseed oil were produced by seed crushing firms and reference should be made to the report on the Seed Crushing Trade (page 349) for particulars of the total output of this product.

Principal products.—The following table shows the value and, where available, the quantity of the chief classes of paints, colours, etc., made in 1930 and 1924:—

rowing year according to continue to the continue of the conti	1930					1924			
	Returned on schedules for						The state of the s		
Kind of goods		Paint, C Varnish			All trade	S	Total		
	Quan- tity	Value	Ent- ries	Quan- tity	Value	Ent- ries	Quan- tity	Value	
Paints and colours:— Ochre, oxides and earth colours,	Th. cwts.	£'000	No.	Th. cwts.	£,000	No.	Th. ewts.	£,000	
burnt, ground or levigated Chemical colours (pure or reduced), including lakes, dry and in pulp	613	478	30	613	478	30	448	378	
form, and dry distemper Vegetable, lamp and	509	1,218	84	510	1,222	87	454	1,143	
bone blacks Paints in paste or mixed for use*:	41	66	15	41	66	15	62	118	
White lead, genuine or reduced Otherdescriptions	777 3,637	1,753 8,847	137 210	795 3,714	1,796 9,006	$\begin{bmatrix} 140 \\ 239 \end{bmatrix}$	3,698	9,318	
Cellulose enamels Potters' colours	Th. galls. 1,066	780 182	51 6	Th. galls. 1,066	780 182	51 6	+	+ 96‡	
Total—Paints and colours		13,324		111111111	13,530			11,053	

A CANDED TO SEE		A STATE OF THE PARTY OF THE PAR	19	20			19	94
		D. (1924	
				schedule	s for		m.	tal
Kind of goods		Paint, Co arnish T		d man	All trade	s della	Total	
	Quan- tity	Value	Ent- ries	Quan- tity	Value	Ent- ries	Quan- tity	Value
2 50 1 12.12	Th. galls.	£'000	No.	Th.	£'000	No.	Th, galls.	£'000
Varnish, oil or spirit§	8,589	3,419	179	8,895	3,468	209)	9,043	4,198
Cellulose varnish	765	434	52	788	447	55	†	†
Total—Varnish	9,354	3,853			4,030			4,198
White lead, basic carbonate, dry Whiting and Paris	Th. ewts. 146	215	7	Th. ewts. 265	414	11	Th. cwts. 726	1,550
white Putty	1,243	114 190	28 125	1,243	114 194 18	28 128 20)	349	37 183
Turpentine and turpentine substitutes	12	18	20	Th. galls.	12	1	25	45
Paint and varnish makers' materials‡		168	8		179	9	21. 363 3. 4.1	176
Waterproofing compounds, roofing	oltoskiz							
compositions, etc.;	845	207	9		222	10	†	†
Wood preservatives‡ Other products charac-		20	5		36	9	†	†
teristic of the trade		32	22		32	22	-	-
TOTAL— PRINCIPAL PRODUCTS		18,141	unia.	1	18,781		Land State Co.	17,242

 $^{\ ^*}$ Including dryers, enamels (other than cellulose enamels), water paints and ships' compositions.

Prices.—The average selling value of paints, colours and varnishes 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 or kind of goods included under the specified descriptions.

22181

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[†] Not separately recorded in 1924.

i So far as separately recorded.

[§] Including stains, lacquers, liquid dryers, brunswick and other black varnishes, litho and letterpress varnishes.

 $[\]parallel$ Of which £55,000 was in respect of 41,000 cwts., the remainder being returned by value only.

W. J. Carrell	Average	1930 as a percentage	
Kind of goods	1930	1924	of 1924
Paints and colours :—	s. per cwt.	s. per cwt.	Per cent.
Ochre, oxides and earth colours, burnt, ground or levigated	15·45 £ per cwt.	16.86 £ per cwt.	91.6
Chemical colours (pure or reduced), including lakes and dry distemper Vegetable, lamp and bone blacks	2·39 1·60	2·51 1·91	95·2 83·7
Paints in paste or mixed for use	2·39* s. per gall.	2.52 s. per gall.	94.8
Varnish, oil or spirit	7·80† s. per cwt.	9·26 s. per cwt.	84.2
Whiting and Paris white	1.84	2.10	87.6
White lead, basic carbonate, dry Turpentine and turpentine substitutes	£ per cwt. 1.57 1.54	£ per cwt. 2·15 1·83	73·0 84·1

^{*} Excluding cellulose enamels. † Excluding cellulose varnishes.

Volume of production in 1930 and 1924.—The following table compares the volume of production of paints, colours, varnishes, etc. in 1930 and 1924:—

	To	1930		
	1930	19	24	as a
Kind of goods	As returned	As returned	At 1930 average values	of 1924
Ochre, oxides and earth colours, burnt, ground or levigated Chemical colours (pure or reduced),	£'000 478	£'000 378	£'000 346	Per cent.
including lakes and dry distemper	1,222	1,143	1,088	112
Vegetable, lamp and bone blacks	66	118	99	67
Paints in paste or mixed for use	10,802	9,318	8,833	122
Cellulose enamels	780	*	To the second	Service of the service of
Potters' colours	182	96	91†	200
Total—Paints and colours	13,530	11,053	10,457	129
Varnish, oil or spirit	3,583	4,198	3,535	101
Cellulose varnish	447	*		_
Whiting and Paris white	114	37	32	356
White lead, basic carbonate, dry	414	1,550	1,131	37
Turpentine and turpentine sub-	PRESENT BUT	166 9888	THE SHEET	"Nonial
stitutes	30	45	38	79
Paint and varnish makers' materials	179	176	3231	115
Putty	194	183	5 0204	110
Waterproofing compounds, wood				
preservatives and other principal			11.2.20	100000
products of the trade	290	*	Otto Talent	The state of the state of
TOTAL	18,781	17,242	15,516	121

* Not recorded separately.

‡ Based on average value of preceding items in table.

Production, exports and imports.—The quantities of the exports and retained imports of *dry white lead* in 1930 and 1924 are shown below in relation to the production in those years:—

Dry white lead—			1930 Th. cwts.	1924 Th. cwts.
Production		•••	537	807
Exports			28	176
Retained imports			171	133
Available for consu- United Kingdom	mption in	the	680	764

About 75 per cent. of the home market was supplied by white lead of British manufacture in 1930 and about 83 per cent. in 1924.

With regard to the remaining products of the trade, the classification adopted for the purpose of the overseas trade returns differs from that used at the Census of Production. These differences, with the probable deficiencies in the production totals, render impracticable a detailed comparison of production with exports and imports. The following table gives particulars of the quantities of the exports and retained imports of paints and colours in 1930 and 1924:—

	Exp	orts	Retained imports		
Kind of goods	1930	1924	1930	1924	
Paints and colours: Barytes, ground Blanc fixe White lead (dry) Lithopone Ochre and earth colours Colour lakes Prussian and other blues Bronze powders and other metallic pigments Carbon blacks (including bone black) Paints and colours in paste form: White lead Other descriptions Paints and enamels prepared (including ready mixed) Other descriptions (including leaded zinc white and basic lead sulphate)	Th. cwts. 24·3 15·2 27·7 24·4 187·6 1·5 5·5 8·6 6·5 103·5 265·7 476·8 295·6	Th. cwts. $ \begin{cases} 55.0 \\ 176.4 \\ 11.2 \\ 192.3 \\ 1.2 \\ 6.2 \\ 1.7 \\ 7.2 \end{cases} $ $ \begin{cases} 375.1 \\ 363.1 \\ 357.8 \end{cases} $	Th. cwts. 547·5 34·4 170·5 412·1 420·1 0·2 20·3 52·5 247·5 62·1 0·9 27·7 73·3	Th. cwts. 722·1	
Total—Paints and colours	1,442.9	1,547 · 2	2,069 · 1	1,699 · 0	
Varnish	Th. galls. 1,290 · 0	Th. galls. 1,378·3	Th. galls. 132.5	Th. galls. 142·1	

* 50 cwts.

22181

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[†] Based on average value of preceding paints and colours.

Painting and other work done.—The total amount recorded as received for painting and other work done in 1930 was £174,000, the corresponding total for 1924 being £198,000. The principal kinds of work included in these totals were as follows:—

	1930 £'000	1924 £'000
Coating ships' hulls with paint or composition Other and unclassified painting work	90 84	81 117
TOTAL	174	198

Other products.—In addition to the output shown in the table of principal products on page 336, the following goods were produced in 1930 and 1924 by firms that made their returns on schedules for the Paint, Colour and Varnish Trade. These goods are dealt with in the reports on those trades in which the principal output was recorded.

Wind of	f as a d			19901	1930	1924
Kind of	Value	Value				
		Consideration of the last		Y	£'000	£'000
Boiled or refined linseed oil	830				384	540
			(Th. cw	ts.)	(179)	(247)
ubricating oils and greases	mit .				202	372
ther oils and greases					45	39
hemicals, miscellaneous					164	158
ther goods made					418	403
11 set {	r n	OTAL	1		1,213	1,512

Employment and Wages

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

Process and the t	Ma	les	Fem	ales	Total	
Persons employed	Under 18	All	Under 18	All ages	Under 18	All
1930 Operatives (average for the year) Administrative, technical and clerical staff (as at 18th	892	12,450	522	1,973	1,414	14,423
October)	340	5,039	257	1,830	597	6,869
TOTAL	1,232	17,489	779	3,803	2,011	21,292
1924 Operatives (average for the year) Administrative, technical and	772	10,812	441	1,857	1,213	12,669
clerical staff (as at 18th October)	259	4,385	149	1,448	408	5,833
TOTAL	1,031	15,197	590	3,305	1,621	18,502

Wages.—The available information as to the amount of wages paid in 1930 and 1924 is given on pages 252 and 253.

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:—

THE PERSON NAMED IN COLUMN TWO	2004, 1	1930	logical l	Mann	1924	Level 1
Power equipment	Ordinarily in use	In reserve or idle	Total	Ordinarily in use	In reserve or idle	Total
Prime movers	H.P.	H.P.	H.P.	H.P.	H.P.	H.P.
Reciprocating steam engines	5,430	1,264	6,694	5,902	2,448	8,350
Internal combustion engines:— Gas	3,126	500	3,626	3,867	489	4,356
Petrol, kerosene, or other light oils Heavy oils	212 1,168	113 150	325 1,318	182 136	63 6	245 142
Water engines	801	85	886	379		379
Total	10,737	2,112	12,849	10,466	3,006	13,472
ELECTRIC GENERATORS	Kw.	Kw.	Kw.	Kw.	Kw.	Kw.
Driven by Reciprocating steam engines Internal combustion	939	766	1,705	992	1,185	2,177
engines :— Gas Petrol, kerosene, or	642	242	884	499	260	759
other light oils Heavy oils Water engines	38 321 17	100 —	38 421 17	64 17 5	4 	64 21 5
Total	1,957	1,108	3,065	1,577	1,449	3,026
ELECTRIC MOTORS Driven by Electricity generated	H.P.	H.P.	H.P.	H.P.	H.P.	H.P.
in same works Purchased electricity	3,363 36,265	502 2,985	3,865 39,250	1,680 21,282	1,179 1,791	2,859 23,073
TOTAL	39,628	3,487	43,115	22,962	2,970	25,932

22181

Consumption of fuel

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

	Kir	nd of fu	iel used			For power (driving engine	For other purposes (so far as recorded)
Coal Coke		•••	••••	•••		Tons 35,004 1,897	Tons 71,537* 16,483*
	ity used rated in nased			ses :—	•••	1	B.T.U. (Kwhrs.) '000 3,168 23,061
					Тотаі	—Electricity	 26,229

^{*} These figures were recorded by firms representing 95.9 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	18,401	1,127	19,528
Cost of materials used	,,	10,178	704	10,882
Paid for work given out to other firms	,,	13	_	13
Net output	,,	8,210	423	8,633
Average number of persons employed	No.	19,953	1,339	21,292
Net output per person employed Power available :—	£	411	316	405
Prime movers Electric motors driven by purchased	H.P.	11,886	963	12,849
electricity	,,	36,286	2,964	39,250

II. Production

A.—Total make of Dry White Lead and Linseed Oil, as returned on schedules for the Paint, Colour and Varnish Trade

		Great Britain
		Cwts.
White lead, basic carbonate, dry	 	 417,000*
Boiled or refined linseed oil	 	 291,000†

* Owing to the possible disclosure of information relating to individual firms figures can only be given for Great Britain as a whole.

† Of which 29,000 cwts. was recorded for Scotland.

B.—OUTPUT SOLD OR ADDED TO STOCK AND WORK DONE

Kind of goods made and work done	Unit	England and Wales	Scotland	Great Britain
Paints and colours:— Ochre, oxides and earth colours, burnt, ground or levigated Chemical colours (pure or reduced), including lakes, dry and in pulp form, and dry distemper Vegetable, lamp and bone blacks { Paints in paste or mixed for use, including dryers, enamels (other than cellulose enamels), water paints and ships' compositions:—	Th. cwts. £'000 Th. cwts. £'000 Th. cwts. £'000	611 476 484 1,128 *	2 2 25 90 * *	613 478 509 1,218 41 66
White lead, genuine or reduced { Other descriptions of paints {	Th. cwts. £'000 Th. cwts. £'000	722 1,640 3,354 8,316	55 113 283 531	777 1,753 3,637 8,847

Kind of goods made and work done	Unit	England and Wales	Scotland	Great Britain
Paints and colours—cont.				
Cellulose enamels	Th. galls.	1,066		1,066
	£'000	780	_	780
Potters' colours Varnish (other than cellulose varnish)	£'000	182		182
oil or spirit, (including stains, lacquers,	/TI 17	~ 007	201	0.700
liquid dryers, brunswick and other >	Th. galls. £'000	7,885 3,268	704 151	8,589 3,419
black varnishes, litho and letterpress	2 000	0,200	101	0,110
varnishes)	Th. galls.	765		765
Cellulose varnish	£'000	434	ho r <u>ovi</u> nimi	434
White lead begin combonate dury	Th. cwts.	*	*	146
White lead, basic carbonate, dry {	£'000	*	*	215
Whiting and Paris white	Th. cwts.	*	* *	1,243
Putty	£,000	165	25	114
(Th. cwts.	*	*	12
Turpentine and turpentine substitutes {	£'000	*	*	18
Paint and varnish makers' materials	55 30°W	100		100
(bleached shellac, gum copal, etc.)‡ Waterproofing compounds, roofing com-	"	168	,	168
positions, etc.‡	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	207	1/1/_1/51	207
Wood preservatives, returned as such‡	,,	*	*	20
Other products characteristic of the		MOTHE	SELVER	00
trade	Th. cwts.	32 164	15	32 179
Boiled and refined linseed oil	£'000	349	35	384
T. 1	Th. cwts.	94	66	160
Lubricating oils and greases	£'000	123	79	202
Other oils and greases	,,	45	20-11	45
Chemicals, miscellaneous Other goods made	"	163 331	87	164 418
Work done:—	,,	331	01	410
Coating ships' hulls with paint or			and the second	-
composition	£'000	90§	_	908
Other and unclassified painting work	"	84§		84§
TOTAL VALUE OF GOODS MADE AND WORK				
DONE (GROSS OUTPUT)	£'000	18,401	1,127	19,528
The state of the s				

^{*} Owing to the possible disclosure of information relating to individual firms figures can only be given for Great Britain as a whole.

III. Employment

A.—Numbers employed in week ended 18th October, 1930

Persons employed	Ma	les	Fem	ales	Males and females	
empioyed	Under 18	All	Under 18	All ages	Under 18	All
England and Wales:—	estration /				100100	10000
Operatives	852	11,572	489	1,790	1,341	13,362
Administrative, etc.*	318	4,686	242	1,696	560	6,382
TOTAL	1,170	16,258	731	3,486	1,901	19,744
Scotland :—	1 60	211	760	100		100 mm 10
Operatives	27	661	27	157	54	818
Administrative, etc.*	22	353	15	134	37	487
TOTAL	49	1,014	42	291	91	1,305
Great Britain :—				2361	89 - BO	32/300 (
Operatives	879	12,233	516	1,947	1,395	14,180
Administrative, etc.*	340	5,039	257	1,830	597	6,869
TOTAL	1,219	17,272	773	3,777	1,992	21,049

^{*} Administrative, technical and clerical staff.

B.—Operatives employed in one week in each month of 1930

Week	Males and females			117. 1	Males and females		
ended	England and Wales	Scotland	Great Britain	Week ended	England and Wales	Scotland	Great Britain
Jan. 18	13,551	856	14,407	July 19	13,775	883	14,658
Feb. 15	13,581	849	14,430	Aug. 16	13,496	865	14,361
Mar. 15	13,674	853	14,527	Sept. 13	13,397	848	14,245
April 12	13,788	877	14,665	Oct. 18	13,362	818	14,180
May 17	13,934	881	14,815	Nov. 15	13,119	811	13,930
June 21	14,039	879	14,918	Dec. 13	13,131	802	13,933
AVE	RAGE FOR	THE TWE	LVE MONT	HS	13,571	852	14,423

[‡] So far as separately recorded.

[†] Less than £500.

[§] Amount received.

IV. Power

PARTICULARS OF PRIME MOVERS, ELECTRIC GENERATORS AND ELECTRIC MOTORS

and the second second second	TESTINE STUDIOS	Sinter 34.5000	po tronge despite	20/20/2009	manar 57	
D.	England Wal		Scotla	and (Great I	Britain
Power equipment	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.	н.Р.	H.P. 10	H.P.
PRIME MOVERS Reciprocating steam engines Internal combustion	4,934	1,019	496	245	5,430	1,264
engines:— Gas Petrol, kerosene, or	2,929	500	197	-	3,126	500
other light oils	187	113	25	_	212	113
Heavy oils	1,168	150		_	1,168	150
Water engines	801	85	-		801	85
Total	10,019	1,867	718	245	10,737	2,112
TOTAL OF PRIME MOVERS INSTALLED	11,886		963		12,849	
THE RESERVE OF THE PERSON NAMED IN COLUMN TWO	Kw.	Kw.	Kw.	Kw.	Kw.	Kw.
ELECTRIC GENERATORS Driven by	Kw.	IXW.	IXW.		Service Servic	The state of the s
Reciprocating steam engines Internal combustion	911	587	28	179	939	766
engines:— Gas Petrol, kerosene,	642	242	0.0000	-	642	242
or other light	38	_		_	38	_
oils	321	100		_	321	100
Heavy oils Water engines	17	_	-	_	17	_
Total	1,929	929	28	179	1,957	1,108
IOTAL	1,020	-		1		
TOTAL OF ELECTRIC GENERATORS INSTALLED	2,8	358	20	07	3,065	
ELECTRIC MOTORS Driven by	H.P.	н.р.	H.P.	H.P.	H.P.	H.P.
Electricity generated in same works Purchased electricity	3,308	502 2,835	55 2,814	150	3,363 36,265	502 2,985
TOTAL	36,759	3,337	2,869	150	39,628	3,487
TOTAL OF ELECTRIC MOTORS INSTALLED	40,	096	3,	019	43	,115

V. Consumption of fuel

Kind of fuel used	England and Wales	Scotland	Great Britain
Coal used for power Coke used for power	Tons 31,583 1,897	Tons 3,421 —	Tons 35,004 1,897
Electricity used for all purposes:— Generated in same works Purchased	B.T.U. (Kwhrs.) '000 3,107 21,889	B.T.U. (Kwhrs.) '000 61 1,172	B.T.U. (Kwhrs.) '000 3,168 23,061
TOTAL—Electricity	24,996	1,233	26,229