

BOARD OF TRADE

FINAL REPORT on the CENSUS OF PRODUCTION FOR 1948

Volume 4

Trade L

Electric Wires and Cables

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).

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TWO SHILLINGS NET

In interpreting the data in the following tables, it is essential to bear in mind not only the qualifications mentioned in this report but also the general explanations and qualifications contained in the separate booklet published in this series by H.M. Stationery Office entitled "Final Reports of the Census of Production for 1948: Introductory Notes", price 2s Od. NET

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ELECTRIC WIRES AND CABLES TRADE

THIS REPORT on the Electric Wires and Cables Trade relates to establishments engaged wholly or mainly in the manufacture of insulated electric wires and cables.

This trade is included in minimum list heading 71 in the Standard Industrial Classification.

Any establishments in Northern Ireland are excluded in 1948; no production was recorded there in this trade for 1946, 1937 or 1935.



ELECTRIC WIRES AND CABLES TRADE

Summary

Larger establishments

				-	
T	A	D			
-	м	D	_		

17022		1	() () () () () () () () () ()	
	1948	1946	1937	1935
	£'000	£'000	£1000	£'000
Gross output (production)	99, 194	54, 346	32, 303	20,906
Cost of materials and fuel used .	59, 438	30, 335	20,029	11,723
Payment for work done on materials given out	284	165	193	119
Net output	39,471	23, 846	12,081	9,064
Wages and salaries of persons employed Average number of persons employed (a)(b)	19,378 No. 63,685 £	12,812 No. 49,113	No. 39,240 £	No. 32,548 £
Net output per person employed (b)	620	486	308	278
Stocks at end of year	£'000	£'000	£1000	£'000
Finished products and work in progress	16,759	7, 434	1,908(c)	1,303(c)
Materials and fuel	12,529	6,884		
Number of establishments	No. 84	No.	No.	No. 64

(a) For the total number of persons employed in this trade see Table 3.
(b) Excluding outworkers.
(c) Work in progress only.

The values of gross output and of materials and fuel used are derived in the following way:-

and and an interest may.							
	1948	1946	1937	1935			
	£1000	£'000	£!000	£1000			
Output of firms in this trade							
Total value of sales (1948 and 1946) or production (1937 and 1935)							
Principal products (see Table 8)	72, 167		26, 433	16, 328			
Other output (see Table 10)	24,735	53, 169	5,709	4,332			
Adjustment for changes in stocks and work in progress	+ 3,657(a)	+ 1,177	+ 161(b)	+ 246(b)			
	100, 559						
Less payment for transport by other firms	1,365	54, 346	32, 303	20,906			
Gross output (production)	99, 194	54, 346	32, 303	20,906			
Materials and fuel used by firms in this trade							
Purchases (see Table 13)	60, 689	31,075					
Adjustment for changes in stocks	- 1,250(a)	- 740	> 20,029	11,723			
Materials and fuel used	59, 438	30, 335	20,029	11,723			

(a) See Table 14. (b) Work in progress only.

ELECTRIC WIRES AND CABLES

Summary, 1948

Small firms in Great Britain

TABLE 2

14055				
Number of re	turns		3	
Average numb	er of person	ns employ ed (a	·) commence in the contract of	
Males Females			12 8	3300
		Total	20	

(a) Including working proprietors.

Estimated average employment, 1948 All firms in Great Britain

TABLE 3

			CONTRACTOR OF THE PROPERTY OF	
As returned	рy	firms	84 38,929 16,176	1
Employing	on	average	more than ten persons (a)	63,685
Employing	on	average	ten persons or less (b)	20
				63,705

(a) See Tables 1 and 15. (b) See Table 2.

Analysis by size, 1948 Larger establishments in Great Britain

TABLE 4

Average number	Establish-	Gross	Net	Persons	648 A B	Remuneration		Net output per person	
employed	ments	output	output	employed	Wages	Salaries	Total	employed	
	No.	£'000	£! 000	No.	£1000	£1000	£1000	£	
11-24	7	291	` 79	127	24	10	34	625	
25-49	8	436	153	252	53	18	72	609	
50-99	11	1,213	457	775	147	69	216	590	
100-199	13	4,072	1,303	1,898	449	146	594	686	
200-299	5	1,805	754	1,285	290	113	403	586	
300-399	7	7.,764	2,875	2, 557	600	254	854	1,125	
400-499	7	5, 169	1,894	3, 175	619	221	840	597	
500-749	4	2,264	1,214	2,398	473	155	628	506	
750-999	4	6,606	2,436	3,441	728	248	976	708	
1,000-1,499	6	13,869	5,224	7,528	1,506	671	2,176	694	
1,500 and over	12	55,706	23,081	40,249	8, 994	3,589	12,583	573	
Total	84	99,194	39,471	63,685	13,885	5, 493	19,378	620	

Analysis by standard region, 1948 Larger establishments in Great Britain

TABLE 5

TABLE									
	Establish-	Gross	Net	output	Persons	I	Remuneration	Legiste .	
Region	ments	output	Value	Percent- age of total	employed	Wages	Salaries	Total	
	No.	£1000	£1000	antivov en	No.	£1000	£1000	£1000	
England								. 362	
Northern	6	2,769	1,262	3.2	2, 393	367	220	586	
North Midland	7	2, 512	603	1.5	1,241	268	64	332	
London and South Eastern	34	38,929	15, 176	38.4	25, 281	5,301	2, 484	7,785	
Southern	6	10,723	4,074	10,3	5, 139	1, 323	360	1,683	
North Western	22	37, 376	15,866	40.2	26,830	5, 994	2, 174	8, 169	
East and West	07,881		742						
Ridings of Yorkshire; Eastern: South				leg lengt	10 998 (E				
Western; and	5	2, 237	720	1.0	1 071	004			
	υ	29 201	120	1.8	1,274	284	87	371	
Total England	80	94, 546	37,701	95.5	62, 158	13, 537	5, 389	18,926	
Wales and Scotland	4	4, 649	1,770	4.5	1, 527	348	105	452	
Great Britain	84	99, 194	39, 471	100.0	63, 685	13, 885	5, 493	19, 378	

TABLE 6 - Analysis according to specialisation within the trade, 1948 Larger establishments in Great Britain

No specialisation within the trade was distinguished.

TABLE 7 - Total make of intermediate products: Larger establishments

The total quantity of uninsulated wire made by establishments in this trade is included in the report on the Wire and Wire Manufactures Trade (Volume 5, Trade D).

Sales (or production) of the principal products of the trade, including sales (or production) of these products by establishments classified to other trades

Larger establishments

TARIF 8

TABLE 8						
		1948 Sales			1937 Production	1935 Production
TRAT PRODUCTION		Quantity	Value	Entries	Value	Value
value value		Th. tons	£'000	No.	£'000	£! 000
Electric cables, wires, strips, and strands, insulated		VOV.	000 2 an			
Telegraph and telephone wires and cables	{	53. 2	10, 229 3, 324	23	5,088	2, 600
Other descriptions		8	280 45 . 1520			
Paper insulated	{	132.5	17,999 8,068	30	10,824	7, 148
Rubber insulated	1	49.2	12,842 8,848	34	8, 426	5, 505
Cotton, silk or rayon, nylon, etc. insulated	{	10.1	3, 433 981	28		
Enamel, glass or asbestos insulated		17.7	4,790	16	2,923	1, 813
Other		5.0	1,793 2,224	28		
Waste products other than scrap metals		••	77	20	(a)	(a)
Contract and other work (b) Work done as main contractors						
on electric power and lighting lines and works	g		3,550(c)	27	2,015(c)(d)	1,589(c)
Repair and maintenance work fo customers	r		304(c)	8	31(c)	33(c)
Total			78,462	••	29, 307	18,688
Less sales (or production) is other trades (see Table 9)	n		6, 295	••	2,874	2, 360
Total principal products of this trade sold or made by establishments in the trade			72, 167	55	26, 433	16, 328

(a) Not recorded separately.(b) Carried out in Great Britain (1948) or in the United Kingdom (1937 and 1935).

(d) All electrical contract work returned by firms in the trade.

⁽c) Value of work done during the year, exclusive of the value of goods used by firms and recorded as their output. The total value of these goods is estimated at £3, 250,000 for 1948; similar information is not available for 1937 and 1935.

Sales (or production) of principal products of the trade by establishments classified to other trades

Larger establishments

TABLE 9

THE STATE OF THE S			Sand S.		1	
		Brank .	1948 Sales	d to the co	1937 Production	1935 Production
00018 00018 91		Quantity	Value	Entries	Value	Value
		Th. tons	£1000	No.	£1000	£1 000
Electric cables, wires, strips and strands, insulated		14	985,00	318	o dodinist	one signification
Telegraph and telephone wires and cables	{	15.5	3,661 72	6	1,625	1,027
Other descriptions			100	A Set Vice	and the state of t	Canal Trees
Rubber insulated	{	0.8	158 243	6	270	168
Cotton, silk or rayon, nylon, etc. insulated	{	0.1	33 29	}	100000000000000000000000000000000000000	Clo. (Poloco di
Enamel, glass or asbestos insulated		a: -	3	107-703 · ·	979	557
Other, including paper insulated		8.2	1,490	6		
Contract and other work (a)					Terror I mark armine	
Work done as main contractors on electric		88	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)			
power and lighting lines and works			607 (b)	18	(c)	608(b)
Total			6, 295		2,874	2, 360

(a) Carried out in Great Britain (1948) or in the United Kingdom (1935).
(b) Value of work done during the year, exclusive of the value of goods used by firms and recorded as their output.

(c) Not recorded separately.

Sales (or production) in the trade of other than principal products

Larger establishments

194 Sal	그렇게 보이 있다면 하는 것이 없는 것이 되었다면 하는 것이 없는 것이 없다면 없는 것이 없다면 없는 것이 없는 것이다.
· Val	lue Value Value
#460m 210	2000 £1000
Joint boxes	. 611 500
Cable jointing materials and accessories (except insulating materials)	555 162 162 119
Fuses and fuse gear 4000000000000000000000000000000000000	864 m.l. galiles ero effe long contro
Electrical insulating materials 4	1, 427
Other electrical goods and apparatus 6,3	347 January State January
Copper wire, uninsulated	taling the had burgers
In coils	assarano atasaran pasti aut. aria-14
Circular section 3,7	775
Stranded 2,5	516 2,579 1,574
Not in coils	146
Other manufactures of non-ferrous metals 5,6	637 524 314
Scrap copper sold	675 220 112
Other goods 1,0	016 121 131
on electric power and lighting lines and works, and repair and maintenance work	948(b) 65(b)(c) 532(b)
Total 24,7	735 5,709 4,332

(c) Excluding all electrical contract work.

⁽a) Carried out in Great Britain (1948) or in the United Kingdom (1937 and 1935).

(b) Value of work done during the year, exclusive of the value of goods used by firms and recorded as their output. The value of these goods is estimated at £680,000 for 1948; similar information is not available for 1937 and 1935.

Analysis of sales, 1948

Larger establishments in Great Britain

TABLE II

TABLE II	68	100000000000000000000000000000000000000
1948 1937 1985 1985 1985 1985 1985 1985 1985 1985	Sales	Percentage of total sales
CULEV CARV CARV	£1000	- 0000
Sales (or transfers) to other organisations under the same control	TO THE PARTY OF TH	diction - The
Productive works	573	0.6
Export sales organisations (including branches abroad)	5, 455	6.1
Other wholesale or selling organisations	1,641	1.8
Retail shops, etc.	e land en s-idstas	i Spalar-is
Total sales (or transfers) to other organisations under the same control	7,669	8.6
Sales to independent buyers	POODSTALDANTAG	copparatre;
Exports invoiced directly overseas	10, 423	11.7
Exports invoiced to Crown Agents and purchasing houses in this country of individual firms and governments abroad	6,604	7.4
His Majesty's Government and Local Authorities (other than productive establishments)	13,716	15. 4
Manufacturers, repairers, builders, mines, public utilities, and transport and other productive undertakings	36,779	41.3
Wholesalers, merchants and other agents for resale	12,029(a)	13, 5
Retailers, including multiple shops, caterers and N. A. A. F. I., for resale	661.	0.7
Other businesses (including farmers) and institutions of all kinds	186	0.2
Members of the public, including employees	38	rettald are
Unclassified (2000) has to gi) vaphshin too into add not no too and into	851	1.0
Total sales to independent buyers	81,286	91.4
Total	88,955(b)	100.0

⁽a) Of this total £11,099,000 was recorded as divided between £4,798,000 for export and £6,301,000 for

Production, exports and imports of certain principal products (a)

TABLE 12

IADLE 12				
1937 1 201 - 1935 1 1931 Isaas of purchased metertals	i Prejik	Production (b) (c)	Exports (d)	Retained imports (e)
		£'000	£'000	£1000
	Enneugy deco	Duantity	t many	
Electric cables, wires, strips and strands, insulated	and still out i	The tons	1000	
Telegraph and telephone wires	[1948	13, 553	7,933	7
and cables	1937	5,088	917	11
(a)		-1.0.100	De la T. Diecetra	n pedratain square
Other descriptions				
The Especial Control Section 1994	∫1948	26,067	7,822	1
Paper insulated	[1937	10,824	1,385	262
	1948	21,690	5, 243	6
Rubber insulated	1937	8, 426	1, 526	197
	C		4.7	
Other sorts	1 3aa.			total
Fnamel, glass or asbestos				
insulated	1948	4,790	411	152
(1708. D.4 (1789	12 1 19		e talgint satis	r _emicaso noti
Cotton, silk or rayon,	4040	4 444	839	12
nylon, etc. insulated	1948	4,414	009	12
Other	1948	4,017	927	
Total, other sorts	[1948	13, 221	2, 177	.164
ashe at st	(1937	2,923	569	123

⁽a) Figures of sales (or production) refer only to larger establishments in the relevant years. All recorded exports from and imports into the United Kingdom are given in the table. The figures, therefore, are not strictly comparable.
(b) Sales in 1948 and production for sale in 1937.

(c) Including sales (or production) by establishments classified to other trades.

(d) Valued f.o.b.

(e) Valued c.i.f.

⁽b) This total represents the total shown in Table 23 (£96,902,000), less the value of the contract and other work carried out in Great Britain (£4,196,000) and the value of goods used in such work (£3,751,000).

Purchased materials and fuel

Larger establishments

TABLE 13

	1948			1937	1935		
tes surplies to the same of	Materials purc	and fuel	Usa	Usage of purchased ma and fuel			
	Quantity	Cost	Quantity	Cost	Quantity	Cost	
Materials	Th. tons	£1000	Th. tons	£1000	Th. tons	£1000	
Alloy steel in all forms, except finished parts	0.1	8		(a)		(a)	
Iron and non-alloy steel (b)	and the parties of	1 920				32.19100	
Bars and rods	2.4	75	0.8	13	bedsoner	(a)	
Plates and sheets	1.4	45	0.8	13	0.5	5(c)	
Hoop and strip (including tape)	24.4	654	23.4	288(d)		19110	
Wire	30.7	1,146	18.1	343	32.9	409 (e)	
Iron castings, in the rough	1.2	87	4.2	92(f)	4.0	80(f)	
Other descriptions, except finished parts	5. 4	67	1.4	32(g)	0.1	4(h)	
Brass (including all alloys of copper other than nickel alloys)	Th. cwts	100 A00 T83	Th. cwts	a. 145a	Th. cwts	15,4 TOT 15,4	
Plates, sheets and strip	18.2	163	13.5	53)		
Castings	6.6	97	11.5	45	e 22 lo 36 E que beta		
Other descriptions, except finished parts	20.6	140	11.4	93	> 55.1	137(j)	
Unclassified	9.7	86	_	_	1803		
Copper							
Wire rods	1,207	8, 234			77.7		
Wire, cables and flexibles, uninsulated	1,071	8,836	2,870	9,320	2,419	4,918	
Other descriptions, except finished parts	1,683	11,080					
Lead and alloys of lead	Th. tons	issams wi	Th. tons		Th. tons		
Pig, ingots, blocks, bars, slabs and cakes	94.3	9,068	111.2	2,705		to some	
Solder	0.2	50		(a)	99.1	1,411	
Other descriptions	2.0	175		(a)		1, 711	

TABLE 13 (contd.)

Materials and fuel Usago of purchased wherhels			1948		193	7	1935	
Materials (contd.) Carentos, including percentage of the content								S
Corunics, including porcelain			Quantity	Cost	Quantity	Cost	Quantity	Cost
184 12 7	Materials (contd.)		Th. cwts.	£'000	Th. cwts.	£'000	Th. cwts.	£'000
### A Section of the compound		{						
Synthetic resins Lump and powder, including moulding powder All other forms All other forms Si.1			255.7	1, 183	194.6	284	152.6	207
Lump and powder, including woulding powder All other forms All other forms Packing materials Aluminium and aluminium alloys Foil Other descriptions, except finished parts Foin in all forms, except finished parts Class in all forms Faint, enamel and varnish Fitumen and bitumastic compound Cotton yarn and thread Silk yarn, thread and cloth Rayon, nylon, etc., yarn, thread and cloth Rayon, nylon, etc., yarn, thread and cloth Tinber (excluding timber used for making into cases, drums, etc., or for repairing returnable cases) Hardwood Fitual cases of twood Th. sa.ft. Tas. to.ft. Patternative and cloth Rayon of twood Th. cu.ft. Packing and powder 31.1 502 2.1 177 1.77 1.77 1.78 353 (a) 7.1 28 7. 2. 3 7. 3. 3. 880(1) 7. 4. 973 7. 1. 28 7. 1.	Rubber		195.4	1, 172	181.1	768	141.7	387
## Moulding powder 1.67 3.1 28 7.1	Synthetic resins							Taria Cara
Packing materials Aluminium and aluminium alloys Foil Other descriptions, except finished parts Foin in all forms, except finished parts Class in all forms Faint, enamel and varnish Bitumen and bitumastic compound Th. tons 15.5 392 Th. 1bs. Cotton yarn and thread Silk yarn, thread and cloth Rayon, nylon, etc., yarn, thread and cloth Rayon, nylon, etc., yarn, thread and cloth Timber (excluding timber used for making into cases, drums, etc., or for repairing returnable cases) Hardwood Softwood Softwood 1,872 353 (a) 1,972 353 (a) 4.4 86 0.7 Th. 4.4 86 0.7 Th. 4.4 86 0.7 Th. 973 Silk yarn, thread and cloth 280 149 1,819 180 22 1.819 24,973 3,680(1) 3,680(1)		{			9.1	28	7.1	26
Aluminium and aluminium alloys Foil Other descriptions, except finished parts Fini in all forms, except finished parts Glass in all forms Faint, enamel and varnish Eitumen and bitumastic compound Th. tons 15.5 Salve Th. lbs. Cotton yarn and thread Silk yarn, thread and cloth Rayon, nylon, etc., yarn, thread and cloth Insulated wires Timber (excluding timber used for making into cases, drums, etc., or for repairing returnable cases) Hardwood Softwood A. 4 66 O. 279 Th. tons 15.5 38.9 248 177 Th. tons 15.5 392 Th. lbs. 6,114 1,780 Silk yarn, thread and cloth 280 149 Rayon, nylon, etc., yarn, thread and cloth 22 Insulated wires Timber (excluding timber used for making into cases, drums, etc., or for repairing returnable cases) Hardwood Softwood Th. tons 15.5 392 Th. tons 16.0 180 190 4,973 3,880(1)	All other forms		- 31.1	502	2. 1	17	1.7	13
## Total	Packing materials			1,972		353		(a)
Other descriptions, except finished parts Tin in all forms, except finished parts Glass in all forms Faint, enamel and varnish Bitumen and bitumastic compound Th. tons 15.5 392 Th. lbs. Cotton yarn and thread Silk yarn, thread and cloth Rayon, nylon, etc., yarm, thread and cloth Insulated wires Timber (excluding timber used for making into cases, drume, etc., or for repairing returnable cases) Hardwood Softwood Tin tons 15.5 392 Th. tons 15.5 392 Th. lbs. 6,114 1,780 180 22 1.619 394 Timber (excluding timber used for making into cases, drume, etc., or for repairing returnable cases) Hardwood Softwood Th. cu.ft. 28.5 16 Th. standards 0.7 Th. sq. ft.	Aluminium and aluminium alloys					(p) Season	rates by part	
finished parts Tin in all forms, except finished parts Glass in all forms Paint, enamel and varnish Bitumen and bitumastic compound Th. tons 15.5 392 Th. lbs. Cotton yarn and thread Silk yarn, thread and cloth Rayon, nylon, etc., yarn, thread and cloth Timber (excluding timber used for making into cases, drums, etc., or for repairing returnable cases) Hardwood Softwood 50.0 279 10.3 271 10.3 271 10.4 35 38.9 248 177 Th. tons 15.5 392 Th. lbs. 6,114 1,780 280 149 1,619 180 22 1.519 1.520 Th. cu.ft. 4,973 3,680(1)	Foil -		4.4	66	TRUE O	COTI DECL		e III. ON
### Class in all forms Class in all forms			50.0	279		bas same	Constitution of	
Paint, enamel and varnish Paint, enamel and varnish Bitumen and bitumastic compound Th. tons 15.5 392 Th. lbs. Cotton yarn and thread Silk yarn, thread and cloth Rayon, nylon, etc., yarn, thread and cloth Insulated wires Timber (excluding timber used for making into cases, drums, etc., or for repairing returnable cases) Hardwood Softwood Softwood Th. cu.ft. Lac. 15 248 177 Th. tons 15.5 392 Th. lbs. 280 149 1,819 180 22 1. 394 Th. cu.ft. 28.5 18 Th. standards 0.7 Th. sq.ft.			10.3	271	3//8/200	adiculev	paor tor La Barrate pa	
Bitumen and bitumastic compound Th. tons 15.5 392 Th. lbs. Cotton yarn and thread Silk yarn, thread and cloth Rayon, nylon, etc., yarn, thread and cloth Insulated wires Timber (excluding timber used for making into cases, drume, etc., or for repairing returnable cases) Hardwood Softwood Th. tons 15.5 392 Th. 1bs. 4,978 3,880(1) Th. cu.ft. 28.5 Th. cu.ft. 28.5 Th. standards 0.7 Th. sq.ft.	Glass in all forms	{		A COLUMN TO THE PARTY OF THE PA		PATRICIA		bed .
Bitumen and bitumastic compound Th. 1bs. Cotton yarn and thread Silk yarn, thread and cloth Rayon, nylon, etc., yarn, thread and cloth Insulated wires Timber (excluding timber used for making into cases, drums, etc., or for repairing returnable cases) Hardwood Softwood Th. 1bs. 280 149 1,619 180 22 1. 619 180 22 1. 619 180 22 1. 619 180 22 1. 619 180 22 1. 619 180 22 1. 619 180 25 180 Th. cu.ft. 4,973 3,680(1)	Paint, enamel and varnish	{						
Cotton yarn and thread Silk yarn, thread and cloth Rayon, nylon, etc., yarn, thread and cloth Insulated wires Timber (excluding timber used for making into cases, drums, etc., or for repairing returnable cases) Hardwood Softwood Cotton yarn and thread 280 149 1,619 22 394 Th. cu.ft. A4,973 3,680(1)	Bitumen and bitumastic compound		15.5	392			pagadagan ma asas ma	
Silk yarn, thread and cloth Rayon, nylon, etc., yarn, thread and cloth Insulated wires Timber (excluding timber used for making into cases, drums, etc., or for repairing returnable cases) Hardwood Softwood Softwood Thread and cloth 1,619 22 22 394 Th. cu.ft. Th. cu.ft. 280 149 1,619 22 394 Th. cu.ft. 280 180 22 3,680(1) Th. cu.ft. 26.5 Th. standards 0.7 Th. sq.ft.				4 700		gjungouses	saes as as	
Rayon, nylon, etc., yarn, thread and cloth Insulated wires Timber (excluding timber used for making into cases, drums, etc., or for repairing returnable cases) Hardwood Softwood Th. cu.ft. 26.5 Th. standards 0.7 Th. sq.ft.						2001 008	anosid risero	EGA.
and cloth Insulated wires Timber (excluding timber used for making into cases, drums, etc., or for repairing returnable cases) Hardwood Softwood Th. cu.ft. 22 4,973 3,680(1) Th. cu.ft. 26.5 Th. standards 0.7 Th. sq.ft.		(230.	
Timber (excluding timber used for making into cases, drums, etc., or for repairing returnable cases) Hardwood Softwood Th. cu.ft. 26.5 Th. standards 0.7 Th. sq.ft.		1			Cont. Bags	ellarianada as 1991 a	nobrooks a	2.4
Timber (excluding timber used for making into cases, drums, etc., or for repairing returnable cases) Hardwood Softwood Th. cu.ft. 26.5 Th. standards 0.7 Th. sq.ft.			••	394	.v.ine	especial bi	a sate for 150	(a) (b)
Softwood Th. standards 0.7 47 Th. sq. ft.	Timber (excluding timber used for making into cases, drums, etc.,		Th. cu.ft.	e bas es		4,973		3,680(1)
Softwood 0.7 47 Th. sq. ft.	Hardwood					70.00	Inc gislect	3 34 .
	Softwood		0.7	A CONTRACTOR OF THE PARTY OF TH	Respictory	o io telo	TELD SETS OF S	(x = (a);
	Plywood			7) - 225	ent gysak	T SE DECEMBE	(n)

TABLE 13 (contd.)

IABLE 13 (Conta.)	property bear		1			3 3 5 5	
- 849 - Auto-son-p	1948	3	193	7	1935		
	Materials a purcha		Usage of purchased material and fuel			Ls	
2007 Diff	Quantity	Cost	Quantity	Cost	Quantity	Cost	
Materials (contd.)		2,000	January 112	£'000		£1000	
Purchased components, not elsewhere specified	200111.1	2, 164			i kdamo) si	inedest	
Replacement parts for firms' machinery		495			1947 HOLD 15	201	
Consumable tools bought as replacements	881 (c. V., c.	146		SASMOND	phinsland (Sailygana	048	
All other purchased materials	BYC AF C. A.	6, 434)			South .	
Fuel and electricity	Th. tons		Th. tons		Th. tons	13-078	
Coal	161.2	525	108.6	127	99.7	103	
Coke	9.4	37	13.2	20	7.0	9	
	Th. B. T. U. (kW. hrs.)		Th. B. T. U. (kW. hrs.)		Th. B.T.U. (kW.hrs.)		
Electricity purchased (m)		(103, 126	258	76,470	229	
Electricity obtained from other works under the same ownership	775, 104	695	_	_	- 4	_	
Motor spirit (petrol) and dery. fuel	Th. galls		Th. galls.	2386 - 685	Th. galls		
Used for road vehicles	673	68	}	(a)	amok tu n	(a)	
Used for other power purposes	434	20	j	(a)	arrisd toda	(a)	
Other oil fuel (including creosote/pitch mixtures)	4, 436	167	3 , 301	54(n)	2,780	47 (n)	
	Th. therms					2002.207	
Gas purchased	4,699	202	0 0000				
Gas obtained from other works under the same ownership	• 44	_	,	88		(a)	
All other purchased fuel	085 0 -1 8.	12		THE STATE OF THE S	bar in a	0000	
Total	961 6 08	60, 689		20,029	ysta, threa	11,723	

(a) Not recorded separately.
(b) The figures for 1937 and 1935 include alloy steel.
(c) Steel plates and sheets only.
(d) Steel tape only.
(e) Steel wire and tape only.
(f) Described as "Castings of iron and steel".
(g) Described as "Forgings, angles, shapes and sections".
(h) Steel forgings only.
(j) Described as "Brass in all forms".
(k) Porcelain only.
(l) Including fuel not specified separately.
(m) The total quantity of electricity consumed in 1948 was 175,659,000 B.T. Units, including 556,000 generated in the same works.
(n) Described as "Heavy fuel oil".

Stocks of finished products and work in progress and stocks of materials and fuel, 1948

Larger establishments in Great Britain

TABLE 14

	grotten comments and a second	THE RESIDENCE OF THE PROPERTY			
	At beginni	ng of year	At end of year		
- 3591	Quantity	Value	Quantity	Value	
		£'000		£'000	
Finished products	SOR SUBJECTION	6, 191	Seat 1.	7,916	
Work in progress		6,911	Later Manager	8,843	
Total finished products and work in progress		13,102		10.050	
		10, 102		16,759	
	Th. tons		Th. tons		
Materials and fuel				LETOL	
Alloy steel in all forms, except	1984	l dat a		BL WAST	
finished parts	0.2	20	0.3	25	
Iron and non-alloy steel in all	00013		Tonous III.		
forms, except finished parts	8.8	271	10.3	340	
318, 378	Th. cwts.	44	Th. cwts	erkas intesa	
Brass in all forms, except finished parts	тем атейши з	niwowigt auti	Lesgolgue	SEMICAN (B)	
	32.9	246	38.9	327	
Copper in all forms, except finished parts	395	0.400			
and the second s	CONTROL	2,492	376	2,775	
	Th. tons		Th. tons		
Lead and alloys of lead in all forms	13.7	1, 238	11.3	1, 111	
Other descriptions of materials and	1118 TO BEET OF BEET	in dense ampun find	TIME SUBSECTION		
fuel and the same that we have the same that		7,012	adosaco selvi	7,951	
Total materials and fuel		11,278		12,529	

Employment and remuneration (a)

Larger establishments

TABLE 15

TABLE 10				,			1		
	Average number of operatives			Administrative, technical and clerical employees(b)			Total		
THE STATE OF	1948	1937	1935	1948	1937	1935	1948	1937	1935
Males		200	12						
Under 18 All ages Females	1, 368 32, 761	3,007 23,210	2,591 19,364	409 9,575	597 4,982	39 1 4, 624	1,777 42,336	3,604 28,192	2,982 23,988
Under 18 All ages	809 16, 571	3, 178 9, 258	2, 167 6, 986	937 4, 778	425 1,790	231 1, 574	1,746 21,349	3,603 11,048	2, 398 8, 560
Total Under 18 All ages	2, 177 49, 332	6, 185 32, 468	4,758 26,350	1,346 14,353(c)	1,022 6,772	622 6 , 1 98	3,523 63,685(c) (d)(e)	7, 207 39, 240	5, 380 32, 548
Total	£! 000	100		£!000			£1000	illumnou or 1 deloks	S NOTE AND THE SECOND
remuneration	13, 885	••	.50.00	5, 493		••	19, 378	· · ·	

(a) Excluded employees. The following numbers were employed at establishments in this trade but are not included in the table or in any other report (e.g., employees in a separate selling or transport organisation for which separate accounts are kept):-

> Canteen workers 30 males 597 females Other workers 36 males 15 females

(b) Number at September 25, 1948, October 16, 1937, and October 12, 1935.

No working proprietors were recorded for 1948.

The employers' share of contributions to all National Insurance Schemes payable during the year in respect of these workers amounted to £491,000.

(e) The following persons (included in this total) were employed on special work by establishments employing 100 or more persons:-

	Operatives	Administrative, technica and clerical employees
Transport of goods outside the premises	58	
Maintenance and repair of firms' buildings, but not plant	513	
Research work not directly connected with current production however charged	115	364

In addition to the employees in the above table the firms in this trade employed 4 male and 290 female outworkers in 1948, the amount paid to them being £25,000. Similar information is not available for 1937 and 1935.

Wages and salaries paid, 1948 (a) Larger establishments in Great Britain

TABLE 16

INDEE 10								
- 900 ta		Establishments making returns for the calendar year						
	Amount paid		Percer	ntage of an	nual remun	eration paid	in	
	by all	Amount paid	First	Second quarter	Third quarter	Fourth quarter	Year	
444	£'000	£'000				beilicesi		
Wages and salaries of	tel master on	Tapa 63		is relified of	e grentada	n Johalq Ao	PIFO	
Operatives	13, 885	10,829	23.8	25.1	24.1	26.9	100.0	
Administrative,		alento	einos ema a	alvesses :	newsnewser	nt antaire	SA.	
technical and clerical employees	5, 493	4,630	24.1	25.2	24.8	26.0	100.0	
Total	19,378.	15, 460	23. 9	25.1	24.3	26.6	100.0	
	The second secon							

(a) Including bonus and commission payments.

TABLE 17 - Payments for work done on materials given out, 1948 Larger establishments in Great Britain

The total amount paid for work done on materials given out was £284,000.

technical

Payments for certain services, 1948 Larger establishments in Great Britain

TABLE 18

Average months of community of the property of the state	Amount paid
secretisance termine remine to the calendar year	£! 000
Repair and maintenance	
Of buildings	107
Of plant, machinery and vehicles	380
Unclassified	144
Hire of plant, machinery and vehicles	60
Advertising and market research	
Advertising in newspapers, magazines and periodicals	38
Other advertising services (poster display, despatch of circulars, etc.) and market research	4
Unclassified	163
Payments made for research work	
To research associations	50
To universities, institutions, academic bodies and similar agencies	1
To other commercial concerns	15
Postage, telephone, telegrams and cables	144
Commercial insurance premiums	210
Rates (excluding water rates) payable in the year	91

Plant, machinery and vehicles acquired and disposed of, 1948 Larger establishments in Great Britain

TABLE 19

	Acqu	Acquisitions			
	New	New Second-hand			
	£' 000	£' 000	£1000		
Plant and machinery	1,653	14	53		
Vehicles	120	14	9		
Total	1,773	28 -	62		

Capital expenditure on building work and changes in occupation of buildings and land, 1948

Larger establishments in Great Britain

TABLE 20

	£1000	£1000
	2000	
1. Capital expenditure on building work (a)		648
2. Existing buildings and land (b)		
(i) Capital cost of freeholds bought.	2	
Estimated capital value of		
(ii) Rented property newly occupied in the year (c)	41	
(111) Leasehold buildings and land newly occupied in the year	66	
Total of heading 2		109
Total of headings 1 and 2		757
3. Existing buildings and land relinquished (d)		CHILD SER 193A
(i) Selling value of freeholds sold	8	
(11) Estimated value of other properties relinquished	150	
Total of heading 3		158
4. Headings 1 and 2 less heading 3		, 599

(a) Excluding site value, which, where appropriate, is included in heading 2(1).
(b) The figures do not reflect changes in ownership of previously occupied land and buildings.
(c) Property which is occupied under an agreement for the payment of rent without the purchase of a

lease or the payment of a premium.

(d) Including property destroyed or abandoned.

ELECTRIC WIRES AND CABLES TRADE

1948 to melitare and 1948

Note - Owing to the risk of disclosure of information relating to individual firms, separate particulars for Scotland cannot be given.

Summary

Larger establishments

TABLE 21

	Benny mercine and a second sec	VII	
	England	Wales and Scotland	Great Britain
	£1000	£'000	£1000
Gross output (production)	94, 546	4, 649	99, 194
Cost of materials and fuel used	56, 562	2,876	59, 438
Payment for work done on materials given out	282	liddeologsagel (1	284
Net output	37,701	1,770	39,471
Wages and salaries of persons employed	18,926 No.	452 No.	19,378 No.
Average number of persons employed (a)	62, 158	1,527	63, 685 £
Net output per person employed (a)	607	1, 159	620
Stocks at end of year bode Augustia	£'000	£'000	£1000
Finished products and work in progress	16, 418	341	16,759
Materials and fuel	12, 151 No.	377.	12, 529
Number of establishments	80	No. 4	No. 84

(a) Excluding outworkers.

The values of gross output and of materials and fuel used are derived in the following way:-

	A DESCRIPTION OF THE PROPERTY		
	England	Wales and Scotland	Great Britain
Plant, publishery and of the	£1000	£1000	£1000
Output of firms in this trade			
Total value of sales (see Table 23)	92, 187	4,715	96,902
Adjustment for changes in stocks and			
work in progress	+ 3,639	+ 18	+ 3,657
	95, 826	4,733	100, 559
Less payment for transport by other firms	1,280	84	1,365
Gross output (production)	94, 546	4,649	99,194
Materials and fuel used by firms in this trade			
Purchases	57,795	2,894	60, 689
Adjustment for changes in stocks	- 1,233	- 18	- 1,250
Materials and fuel used	56, 562	2,876	59, 438

TABLE 22 - Summary; small firms

See Table 2. There were no small firms in Wales or Scotland in the register for this trade.

Sales in the trade Larger establishments

TABLE 23

The second secon	Great Br	Great Britain (a)	
	Quantity	Value	
Principal products	Th. tons	£1000	
Electric cables, wires, strips and strands, insulated	ovil-nonjie serujasi	CET. 29550.	
Telegraph and telephone wires and cables	37.7	6, 568 3, 251	
Other descriptions	be the same restriction	inenimi	
Rubber insulated	48.4	12, 684 8, 605	
Cotton, silk or rayon, nylon, etc. insulated	10.0	3 , 400 953	
Enamel, glass or asbestos insulated	17.7	4,787	
Other, including paper insulated	129.3	18,302 10,292	
Waste products other than scrap metals	••	77	
Contract and other work carried out in Great Britain			
Work done as main contractors on electric power and lighting lines and works	HOLE 24 - Pitch	2,944(b)	
Repair and maintenance work for customers		304(b)	
Total principal products		72,167	
Other output			
Joint boxes		1,835	
Cable jointing materials and accessories (except insulating materials)	TABLE 25 - Emplo	555	
Fuses and fuse gear		864	
Electrical insulating materials		422	
Other electrical goods and apparatus		6, 347	

TABLE 23 (contd.)

DESTROYS TO SOINT AT SMITT LINES OF STORY STORY OF	Great Britain (a)	
	Quanti ty	Value
	Th. tons	£1000
Other output (contd.)		
Copper wire, uninsulated		
In coils	STATE OF THE PARTY	£313J8A7
Circular section	••	3,775
Stranded		2, 516
Not in coils	••	146
Other manufactures of non-ferrous metals	••	5, 637
Scrap copper sold	241176 (8012)	675
Other goods	etw enongeled on	1, 016
Contract and other work carried out in Great Britain (other	in rious, .	pach seesby
than work done as main contractors on electric power and lighting lines and works, and repair and maintenance work	, ibbs sine	i indicato
for customers)	•	948(b)
Total Devaluant soco in	fir of swyday no sill	96,902

(a) Owing to the risk of disclosure of information relating to individual firms separate particulars for England and Wales and for Scotland cannot be given.

(b) Value of work done during the year, exclusive of the value of goods used by firms and recorded as their output. The total value of these goods was recorded as £3,751,000.

TABLE 24 - Purchased materials and fuel: Larger establishments

See Table 13.

TABLE 25 - Employment and remuneration: Larger establishments See Table 15.

Monthly index of employment of operatives: Larger establishments

(average employment in 1948 = 100)

TABLE 26

	Monthly index (a)		Monthly index (a)
Month	Great Britain(b)	Month	Great Britain(b)
1948		1948	
January	100.6	August	100.6
February	100.8	September	99.9
March	100.0	October	100.6
April	99.8	November	99.3
May	100.4	December	98.1
June	100.2	Percentage employment in this trade covered	76.8
July	99.7	by the index.	

(a) The index numbers are calculated from the number of operatives employed for one week in each month returned by larger establishments that made returns for the calendar year 1948. The question of man-hours worked in this trade will be dealt with in a later summary volume.

(b) Owing to the risk of disclosure of information relating to individual firms separate particulars for England and Wales and for Scotland cannot be given.

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