



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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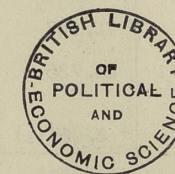
* Not applicable to this trade

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.



ENGINEERING, SHIPBUILDING AND ELECTRICAL GOODS
ELECTRIC WIRES AND CABLES TRADE

Summary

Larger establishments

TABLE 1

	1946	1946	1937	1935
	£'000	£'000	£'000	£'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	19,378	12,812	..	..
Average number of persons employed (a)(b)	No. 63,685	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	£'000	£'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:-

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

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

Summary, 1948

Small firms in Great Britain

TABLE 2

Number of returns	3
Average number of persons employed (a)	
Males	12
Females	8
Total	20

(a) Including working proprietors.

Estimated average employment, 1948

All firms in Great Britain

TABLE 3

As returned by firms	
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 employed	Establishments	Gross output	Net output	Persons employed	Remuneration			Net output per person employed
					Wages	Salaries	Total	
	No.	£'000	£'000	No.	£'000	£'000	£'000	£
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

Region	Establishments	Gross output	Net output		Persons employed	Remuneration		
			Value	Percentage of total		Wages	Salaries	Total
	No.	£'000	£'000		No.	£'000	£'000	£'000
England								
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	2,464	7,765
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 Ridings of Yorkshire; Eastern; South Western; and Midland	5	2,237	720	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	19,376

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

TABLE 8

	1948 Sales		1937 Production	1935 Production
	Quantity	Value		
	Th. tons	£'000	No.	£'000
Electric cables, wires, strips, and strands, insulated				
Telegraph and telephone wires and cables	53.2	10,229	23	5,088
	..	3,324		
Other descriptions				
Paper insulated	132.5	17,999	30	10,824
	..	8,068		
Rubber insulated	49.2	12,842	34	8,426
	..	8,848		
Cotton, silk or rayon, nylon, etc. insulated	10.1	3,433	28	
	..	981		
Enamel, glass or asbestos insulated	17.7	4,790	16	2,923
Other	5.0	1,793	28	
	..	2,224		
Waste products other than scrap metals	..	77	20	(a)
Contract and other work (b)				
Work done as main contractors on electric power and lighting lines and works		3,550(c)	27	2,015(c) (d)
Repair and maintenance work for customers		304(c)	8	31(c)
Total		78,462	..	29,307
Less sales (or production) in other trades (see Table 9)		6,295	..	2,874
Total principal products of this trade sold or made by establishments in the trade		72,167	55	26,433

(a) Not recorded separately.

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

(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.

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

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

Larger establishments

TABLE 9

	1948 Sales			1937 Production	1935 Production
	Quantity	Value	Entries	Value	Value
	Th. tons	£'000	No.	£'000	£'000
Electric cables, wires, strips and strands, insulated					
Telegraph and telephone wires and cables	15.5	3,661	6	1,625	1,027
Other descriptions	..	72			
Rubber insulated	0.8	158	6	270	168
Cotton, silk or rayon, nylon, etc. insulated	..	243			
Enamel, glass or asbestos insulated	0.1	33	..	979	557
Other, including paper insulated	..	29			
Contract and other work (a)	8.2	1,490	6		
Work done as main contractors on electric 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

TABLE 10

	1948 Sales	1937 Production	1935 Production
	Value	Value	Value
	£'000	£'000	£'000
Joint boxes	1,835	611	500
Cable jointing materials and accessories (except insulating materials)	555	162	119
Fuses and fuse gear	864	1,427	1,050
Electrical insulating materials	422		
Other electrical goods and apparatus	6,347		
Copper wire, uninsulated			
In coils			
Circular section	3,775	2,579	1,574
Stranded	2,516		
Not in coils	146		
Other manufactures of non-ferrous metals	5,637	524	314
Scrap copper sold	675	220	112
Other goods	1,016	121	131
Contract and other work (other than work done as main contractors on electric power and lighting lines and works, and repair and maintenance work for customers) (a)	948 (b)	65 (b) (c)	532 (b)
Total	24,735	5,709	4,332

(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.

(c) Excluding all electrical contract work.

Analysis of sales, 1948

Larger establishments in Great Britain

TABLE 11

	Sales	Percentage of total sales
	£'000	
Sales (or transfers) to other organisations under the same control		
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.	-	-
Total sales (or transfers) to other organisations under the same control	7,669	8.6
Sales to independent buyers		
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	-
Unclassified	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 other sales.

(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).

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

TABLE 12

	Production (b) (c)	Exports (d)	Retained imports (e)
	£'000	£'000	£'000
Electric cables, wires, strips and strands, insulated			
Telegraph and telephone wires and cables	{1948 13,553 1937 5,088	7,933 917	7 11
Other descriptions			
Paper insulated	{1948 26,067 1937 10,824	7,822 1,385	1 262
Rubber insulated	{1948 21,690 1937 8,426	5,243 1,526	6 197
Other sorts			
Enamel, glass or asbestos insulated	1948 4,790	411	152
Cotton, silk or rayon, nylon, etc. insulated	1948 4,414	839	12
Other	1948 4,017	927	
Total, other sorts	{1948 13,221 1937 2,923	2,177 569	164 123

(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.

Purchased materials and fuel

Larger establishments

TABLE 13

	1948		1937		1935	
	Materials and fuel purchased		Usage of purchased materials and fuel			
	Quantity	Cost	Quantity	Cost	Quantity	Cost
	Th. tons	£'000	Th. tons	£'000	Th. tons	£'000
Materials						
Alloy steel in all forms, except finished parts	0.1	8	..	(a)	..	(a)
Iron and non-alloy steel (b)						
Bars and rods	2.4	75	0.8	13	..	(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)		
Wire	30.7	1,148	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	87	1.4	32(g)	0.1	4(h)
Brass (including all alloys of copper other than nickel alloys)	Th. cwts		Th. cwts		Th. cwts.	
Plates, sheets and strip	18.2	183	13.5	53		
Castings	6.6	97	11.5	45		
Other descriptions, except finished parts	20.6	140	11.4	93	55.1	137(j)
Unclassified	9.7	86	-	-		
Copper						
Wire rods	1,207	8,234				
Wire, cables and flexibles, uninsulated	1,071	8,838	2,870	9,320	2,419	4,918
Other descriptions, except finished parts	1,683	11,080				
Lead and alloys of lead	Th. tons		Th. tons		Th. tons	
Pig, ingots, blocks, bars, slabs and cakes	94.3	9,088	111.2	2,705		
Solder	0.2	50	..	(a)	99.1	1,411
Other descriptions	2.0	175	..	(a)		

TABLE 13 (contd.)

	1948		1937		1935	
	Materials and fuel purchased		Usage of purchased materials and fuel			
	Quantity	Cost	Quantity	Cost	Quantity	Cost
	Th. cwts.	£'000	Th. cwts.	£'000	Th. cwts.	£'000
Materials (contd.)						
Ceramics, including porcelain	{ 6.2 ..	{ 116 164	{ 9.5 ..	{ 50(k) 12	{ 10.6 ..	{ 51(k) 7
Paper (excluding packing and wrapping)	255.7	1,183	194.6	284	152.6	207
Rubber	195.4	1,172	181.1	768	141.7	387
Synthetic resins						
Lump and powder, including moulding powder	{ 36.9 ..	{ 372 157	{ 9.1 ..	{ 28 ..	{ 7.1 ..	{ 26 ..
All other forms	31.1	502	2.1	17	1.7	13
Packing materials	..	1,972	..	353	..	(a)
Aluminium and aluminium alloys						
Foil	4.4	66				
Other descriptions, except finished parts	50.0	279				
Tin in all forms, except finished parts	10.3	271				
Glass in all forms	{ 0.4 ..	{ 33 15				
Paint, enamel and varnish	{ 38.9 ..	{ 248 177				
Bitumen and bitumastic compound	Th. tons 15.5	392				
Cotton yarn and thread	Th. lbs. 6,114	1,780				
Silk yarn, thread and cloth	280	149				
Rayon, nylon, etc., yarn, thread and cloth	{ 1,619 ..	{ 180 22				
Insulated wires	..	394				
Timber (excluding timber used for making into cases, drums, etc., or for repairing returnable cases)	Th. cu.ft.		..	4,973	..	3,680(l)
Hardwood	26.5	16				
Softwood	Th. standards 0.7	47				
Plywood	Th. sq.ft. 177.8	7				

TABLE 13 (contd.)

	1948		1937		1935	
	Materials and fuel purchased		Usage of purchased materials and fuel			
	Quantity	Cost	Quantity	Cost	Quantity	Cost
Materials (contd.)		£'000		£'000		£'000
Purchased components, not elsewhere specified	..	2,164				
Replacement parts for firms' machinery	..	495				
Consumable tools bought as replacements	..	146				
All other purchased materials	..	6,434				
Fuel and electricity	Th. tons		Th. tons		Th. tons	
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)			103,128	258	78,470	229
Electricity obtained from other works under the same ownership	175,104	695	-	-	-	-
Motor spirit (petrol) and dery. fuel	Th. galls		Th. galls.		Th. galls	
Used for road vehicles	673	68	..	(a)	..	(a)
Used for other power purposes	434	20				
Other oil fuel (including creosote/pitch mixtures)	4,436	167	3,301	54(n)	2,780	47(n)
	Th. therms					
Gas purchased	4,699	202				
Gas obtained from other works under the same ownership	-	-	..	88	..	(a)
All other purchased fuel	..	12				
Total		60,689		20,029		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

	At beginning of year		At end of year	
	Quantity	Value	Quantity	Value
		£'000		£'000
Finished products	..	6,191	..	7,916
Work in progress		6,911		8,843
Total finished products and work in progress		13,102		16,759
Materials and fuel	Th. tons		Th. tons	
Alloy steel in all forms, except finished parts	0.2	20	0.3	25
Iron and non-alloy steel in all forms, except finished parts	8.8	271	10.3	340
	Th. cwts.		Th. cwts.	
Brass in all forms, except finished parts	32.9	246	38.9	327
Copper in all forms, except finished parts	395	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 fuel	..	7,012	..	7,951
Total materials and fuel		11,278		12,529

Employment and remuneration (a)

Larger establishments

TABLE 15

	Average number of operatives			Administrative, technical and clerical employees(b)			Total		
	1948	1937	1935	1948	1937	1935	1948	1937	1935
Males									
Under 18	1,368	3,007	2,591	409	597	391	1,777	3,604	2,982
All ages	32,761	23,210	19,364	9,575	4,982	4,624	42,336	28,192	23,988
Females									
Under 18	809	3,178	2,167	937	425	231	1,746	3,603	2,398
All ages	16,571	9,258	6,986	4,778	1,790	1,574	21,349	11,048	8,560
Total									
Under 18	2,177	6,185	4,758	1,346	1,022	622	3,523	7,207	5,380
All ages	49,332	32,468	26,350	14,353(c)	6,772	6,198	63,685(c) (d) (e)	39,240	32,548
Total remuneration	£'000			£'000			£'000		
	13,885	..	..	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 13, 1937, and October 12, 1935.

(c) No working proprietors were recorded for 1948.

(d) 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, technical 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

	Amount paid by all establishments	Establishments making returns for the calendar year							
		Amount paid	Percentage of annual remuneration paid in						
			First quarter	Second quarter	Third quarter	Fourth quarter	Year		
Wages and salaries of	£'000	£'000							
Operatives	13,885	10,829	23.8	25.1	24.1	26.9	100.0		
Administrative, 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		

(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.

	Amount paid	Percentage of total
Plant and machinery	150	53.0
Materials	134	47.0
Total	284	100.0

Payments for certain services, 1948
Larger establishments in Great Britain

TABLE 18

	Amount paid
	£'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

	Acquisitions		Disposals
	New	Second-hand	
	£'000	£'000	£'000
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

	£'000	£'000
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	
(iii) 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)		
(i) Selling value of freeholds sold	8	
(ii) 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(i).
 (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

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

	England	Wales and Scotland	Great Britain
	£'000	£'000	£'000
Gross output (production)	94,546	4,649	99,194
Cost of materials and fuel used	56,582	2,876	59,438
Payment for work done on materials given out	282	2	284
Net output	37,701	1,770	39,471
Wages and salaries of persons employed	18,926	452	19,378
	No.	No.	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	£'000	£'000	£'000
Finished products and work in progress	16,418	341	16,759
Materials and fuel	12,151	377	12,529
	No.	No.	No.
Number of establishments	80	4	84

(a) Excluding outworkers.

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

	England	Wales and Scotland	Great Britain
	£'000	£'000	£'000
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	56,582	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

	Great Britain (a)	
	Quantity	Value
	Th. tons	£'000
Principal products		
Electric cables, wires, strips and strands, insulated		
Telegraph and telephone wires and cables	37.7	6,588
	..	3,251
Other descriptions		
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		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)	..	555
Fuses and fuse gear	..	864
Electrical insulating materials	..	422
Other electrical goods and apparatus	..	6,347

TABLE 23 (contd.)

	Great Britain (a)	
	Quantity	Value
	Tn. tons	£'000
Other output (contd.)		
Copper wire, uninsulated		
In coils		
Circular section	..	3,775
Stranded	..	2,516
Not in coils	..	146
Other manufactures of non-ferrous metals	..	5,637
Scrap copper sold	..	675
Other goods	..	1,016
Contract and other work carried out in Great Britain (other than work done as main contractors on electric power and lighting lines and works, and repair and maintenance work for customers)		948(b)
Total		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

Month	Monthly index (a)	Month	Monthly index (a)
	Great Britain(b)		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 by the index.	76.8
July	99.7		

- (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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