

BOARD OF TRADE

# FINAL REPORT on the CENSUS OF PRODUCTION FOR 1948

Volume 6

Trade H

Rope, Twine and Net

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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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

### List of Tables

	List of lables	
Table No.	Title	Page.
1	Summary: Larger establishments	6/H/2
2	Summary, 1948: Small firms in Great Britain	6/H/3
3	Estimated average employment, 1948: All firms in Great Britain	6/H/3
4	Analysis by size, 1948: Larger establishments in Great Britain	6/H/3
5	Analysis by standard region, 1948: Larger establishments in Great Britain	6/H/4
6	Analysis according to specialisation within the trade, 1948: Larger establishments in Great Britain	6/H/5
7	Total make of intermediate products: Larger establishments	6/H/5
8	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	6/H/6
9	Sales (or production) of principal products of the trade by establishments classified to other trades: Larger establishments	6/H/9
10	Sales (or production) in the trade of other than principal products: Larger establishments	6/H/10
11	Analysis of sales, 1948: Larger establishments in Great Britain	6/H/11
12	Production, exports and imports of certain principal products: Larger establishments	6/H/12
13	Purchased materials and fuel: Larger establishments	6/H/14
14	Stocks of finished products and work in progress and stocks of materials and fuel, 1948: Larger establishments in Great Britain	6/H/16
15	Employment and remuneration: Larger establishments	6/H/17
16	Wages and salaries paid, 1948: Larger establishments in Great Britain	6/H/18
17	Payments for work done on materials given out, 1948: Larger establishments in Great Britain	6/H/19
18	Payments for certain services, 1948: Larger establishments in Great Britain	6/H/19
19	Plant, machinery and vehicles acquired and disposed of, 1948: Larger establishments in Great Britain	6/H/19
20	Capital expenditure on building work and changes in occupation of buildings and land, 1948: Larger establishments in Great Britain	6/H/20
	Country Tables	
Table No.	Title	Page
21	Summary: Larger establishments	6/H/21
22	Summary: Small firms	6/H/21
23 or 23(1)	Sales in the trade: Larger establishments	6/H/22
23(11)	Sales in the trade: Small firms	*
24 or 24(1)	Purchased materials and fuel: Larger establishments	6/H/25
24(11)	Purchased materials and fuel: Small firms	*
25 or 25(1)	Employment and remuneration: Larger establishments	6/H/27
25(11)	Employment: Small firms	*
26	Monthly index of employment of operatives: Larger establishments	6/H/28
	* Not applicable to this trade	

### ROPE, TWINE AND NET TRADE

THIS REPORT on the Rope, Twine and Net Trade relates to establishments engaged wholly or mainly in the spinning of hard hemp yarn and the manufacture of ropes, cordage, twine, and nets of hemp, cotton, jute, etc.

This trade corresponds to minimum list heading 117 in the Standard Industrial Classification.

Establishments in this trade in Northern Ireland are excluded in 1948. Owing to the risk of disclosure of information relating to individual firms, separate particulars of the output in Northern Ireland were not published for 1935.

Production for Government Departments was not recorded for 1937.



### ROPE, TWINE AND NET TRADE

### Summary

### TABLE I

### Larger establishments

TAVEL I			
	1948 (a)	1937 (b)	1935 (b)
Gross output (production)	£ <sup>1</sup> 000 18,805	£'000 6,971	£³ 000 5, 680
Cost of materials and fuel used	12,582	4,750	3, 450
Payment for work done on materials given out	57	. 1	1
Net output	6, 166	2,220	2, 229
Wages and salaries of persons employed	2,970 No.	No.	No.
Average number of persons employed (c)	13, 449 (d) £	15,914 £	15,500 £
Net output per person employed (c)	458 £1000	140 £'000	144 £'000
Stocks at end of year			
Finished products and work in progress	1,783	••	
Materials and fuel	1,692 No.	No.	No.
Number of establishments	163		158

(a) Great Britain only.
(b) United Kingdom.
(c) Excluding outworkers.
(d) For an estimate of the total number of persons employed in this trade see Table 3.

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

	1948	1937	1935
Output of firms in this trade	£†000	£1000	£1000
Total value of sales (1948) or production (1937 and 1935)			
Principal products (see Table 8)	17,873	6,365	5, 159
Other output (see Table 10)	742	606	521
Adjustment for changes in stocks and work in progress (see Table 14)	+ 405	••	••
Less payment for transport by other firms	19,020 215	6,971	5, 680
Gross output (production)	18,805	6,971	5, 680
Materials and fuel used by firms in this trade			
Purchases (see Table 13)	12, 583	4.750	3,450
Adjustment for changes in stocks (see Table 14)	- 1	4, 700	0,400
• Materials and fuel used	12, 582	4,750	3,450

### Summary, 1948

### Small firms in Great Britain

### TABLE 2

Number of returns	66
Average number of persons employed	(a)
Males	217
Females	56
Total	273

(a) Including working proprietors.

### Estimated average employment 1948

### All firms in Great Britain

### TABLE 3

TABLE 3	
As returned by firms	
Employing on average more than ten persons (a)	13, 449
Employing on average ten persons or less (b)	273
	13,722
Estimated average employment in firms not making satisfactory returns	141
Estimated average employment in all firms	13,863

(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 output	Persons employed	R	emuneration	Net output per person	
employed	ments	output	ουτρατ	embroked	Wages	Wages Salaries Total		employed
	No.	£1000	£1000	No.	£1000	21000	£1000	£
11-24	45	937	327	754	117	32	149	434
25-49	48	1,712	661	1,672	264	62	327	396
50-99	38	3,552	1,169	2,627	456	105	561	445
100-199	15	2,993	1,035	2, 284	424	131	555	453
200-299	9	3, 162	953	2,078	367	89	457	458
300-399	4	1,892	617	1,339	231	68	298	461
400 and		4.550	4 407	0.605	F00	115	624	521
over	4	4,556	1,403	2,695	509	115	024	
Total	163	18,805	6,166	13, 449	2, 368	602	2,970	458

Analysis according to specialisation within the trade, 1948

Larger establishments in Great Britain

Net

21000

Persons

employed

No.

Wages

£1000

Sales of

output teristic output

products

Gross charac-

21000 21000

Net output

per person

employed

Remuneration

Salaries

£1000

Total

21000

### Analysis by standard region, 1948

### Larger establishments in Great Britain

TABLE 5										
one discours the	Establish-	Gross	Net or	Net output		Remuneration				
Region	ments	output	Value	Percentage of total	employed	Wages	Salaries	Total		
	No.	£1 000	£1000	Leng	No.	£1000	£1000	£1 000		
England	00 50 10 10		.250	stroore pol	show anthu					
Northern	6	3, 280	1,044	16.9	2, 163	- 372	63	435		
The send Hook		411	2118 325	a at amy	TITA T					

Establish-

ments

#### Specialist producers of Cordage, cables, ropes and twine (including hard hemp spinning) 110 16,404 14,929 5, 137 10,635 1,937 521 2,457 483 Nets and other manufactures of cordage 2,401 2,227 1,029 2,814 81 512 366 18,805 2,368 602 2,970 458 Total 163 6, 166 13, 449

### Total make of intermediate products Larger establishments

TABLE 7										
891 801.80	1448			Va.	Re	turned in t	ed in this trade (a)			
					1948	(b)	1937 (c) 1935 (c)			
Was Cast				11-	Quantity	Entries	Quantity			
	7	3.8	8	L.	Th. cwts.	No.	Th. cwts. Th. cwts.			
Hard hemp yarn				ot			n dro			
Line							gent at on 100			
Manila				In ser	129.5	24	839.6 750.0			
Empire fibre				1 624			F Geed de tott The			
Sisal				300	1,119.0	27	555.9 539.1			
New Zealand				100	4.2	6	46.4 25.2			
Other				80.	14.1	13	14.9			
Tow				Tite.	22.7	7	31.8 47.7			
Total hard hemp	yarn				1, 289.5	28	1,488.6 1,377.7	1		

- (a) No output was recorded in other trades.
- (b) Great Britain only.
- (c) United Kingdom.

DS 90947/1

TABLE 6

TABLE 5		See Section 1		9 - 1 0 P 40	barretan i	a Assente	ARROW THE THORNESS OF THE		
Region	Establish-	Gross	Net ou	ıtput	Persons	Remuneration			
vegion	ments	output	Value	Percentage of total	employed	Wages	Salaries	Total	
	No.	£1 000	£1000	Leng	No.	£1000	£1000	£1 000	
England			.250	statoad Bul	Maine werk	(a) inc			
Northern	6	3, 280	1,044	16.9	2, 163	372	63	435	
East and West Ridings of		ali	ding dag	a al enga	1 ITA	540 540 540		144	
Yorkshire	19	1,050	343	5.6	721	120	20	140	
North Midland; and Midland	22	2,076	761	12.3	1,695	301	75	376	
Eastern	7	208	84	1.4	229	42	5	47	
London and South Eastern	9	2,071	626	10.2	1,081	233	79	313	
Southern	10	1,253	441	7.2	955	172	71	242	
South Western	8	259	101	1.6	233	36	9	45	
North Western	42	4, 351	1, 390	22.5	3,088	553	156	710	
Total	inis trans		SPRI .esi	yala by a	ank				
England	123	14, 549	4, 789	77.6	10,165	1,829	478	2, 308	
Wales	3	172	60	1.0	160	23	5	28	
Scotland	37	4,085	1,317	21.4	3, 124	515	119	634	
Great Britain	163	18,805	6,166	100.0	13,449	2, 368	602	2,970	

DS 90947/1

# 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

		tego (gng	1948 (a)		1937	(b)	1935	(b)
		Sales			action	Production		
		Quantity	Value	Entries	Quantity	Value	Quantity	Value
		Th. cwts.	£'000	No.	Th. cwts.	£'000	Th.cwts.	£1000
Hard hemp line yarn of Empir	e fibre	20.1	124	15	8.2	15	8.3	11(c)
Other hard hemp yarn		4.8	29	9	13.4	23	9.2	11
Total hard hemp ya	rn	24.9	153	16	21.6	38	17.5	22
Cordage, cables, ropes and t	wine							
Under 4 inch diameter		2 200 220	1801.8-1		08461		- Legor	1 76
Binder and reaper twine hard hemp	of				239			47
Manila and Empire sisa	1	268.4	1,650	15	278.2	564	308.9	460
Other		al new d	alidates	Tepral	5.4	11	]	400
Other twine		6,20 8,00	11.100.100	3.8	23			- 15
Of hard hemp					-			33847
Manila		16.9	167	8	71.3	244	68.3	185
Empire fibre		(4) \$101						
Sisal		260.3	1,790	21	169.6	364	145.0	237
New Zealand		5.1	31	5	8.5	15	4.6	7
Other		1.7	10	5	2.5	7	4.3	7
Of soft hemp								satil)
True hemp		12.9	289	31	77.9	419	124	next
Indian hemp		24.3	326	29	61.7	190	145.5	613
Mixed soft hemps		13.3	220	. 28		(d)	Leal	2
Of cotton		109.2	1,982	40	173.5	865	158.9	706
Of jute		45.6	403	36	104.3	208	71.1	149
Of linen		7.2	171	22	18.6	175	21.4	167
Of other materials,		8498	24			mask.	u hard hem	iol
including mixtures		10.3	7,077	•••••	971.5	3,062	932.5	2,561

TABLE	8 (contd.)	nor 1,	INTINE AND	TADI.				6/H/7
			1948 (a)	Marine Company	1937	(b)	1935	(b)
			Sales		Produc	tion	Produc	tion
	Attornoon pot the benefit	Quantity -	Value	Entries	Quantity	Value	Quantity	Value
Cordage (conto	e, cables, ropes and twine	Th.cwts.	£'000	No.	Th. cwts.	£1000	Th. cwts.	£1000
Under	the inch diameter (contd.)							
Rop	es, cords and lines					924	noo levean	250EURE
C	of hard hemp						. gottović M	a 85WF
	Empire fibre	60.1	407	14	123.9	268	102.6	156
	Other	5.1	28	8	79.7	172	70.0	105(c)
0	f soft hemp		A 380	9.8		1/2	70.0	103(0)
	True hemp	6.1	156	28	9.1	65		
	Indian hemp	5.3	72	20	6.4	etables Fed	10.0	in to
	Mixed soft hemps	0.4	6	6	The state of the s	21	18.8	126
0	f cotton	3.1	1 013	5.0		(d)	8020	
	f jute.	24.3	661	32	7.7	68	4,6	42
-/-	The state of the s	17.3	151	25	37.4	67	17.6	27
0	f other materials, including mixtures	12.0	102 116	10	1.6	14	1.1	8
	Total ropes, cords and lines under 4 inoh diameter	130.6	1,583 116		265.8	675	214.7	464
Twi:	ne, ropes, cords and lines jute, unclassified		287 🗸	••	_	_	- 68	W 200-
Of #	inch diameter and over							
0	f hard hemp							
	Manila	108.9	802	22	659.1	1,395	607.3	937
	Empire fibre						Mark Palan Anna	
45.6	Sisal	586.3	3,642	33	19.4	34	23.6	41
78-0	New Zealand	1.4	7		11.9	26	7.4	12
46.9	Other	24.7	120	10	8.9	17	9.1	13
(3.2	Unclassified	_				_	26.9	38
	f soft hemp		598 .83		100	or a relative to		
	True hemp	8.7	163	20	21.3	131	en sento	
	Indian hemp	7.8	91	25	21.1	57	56.9	257
	Mixed soft hemps	1.2	23	13	8	manufacture of	alonian is	201
	Timed bold fieligs	1.6	20	10		(d)		

37.4

78.0

69.9

924.3

861

452

273 73

6,435

37

34

27

47.2

94.4

43.9

927.2

302

134

37

2, 133

44.7

71.3

54.9

902.1

264

100

39

1,701

DS 90947/1

Of cotton

Of other materials, including mixtures

Total ropes, cords and lines of ¼ inch diameter and over

Of jute

TABLE 8 (contd.)		10, 10						
neljouborg Production	1948 (a)				1937		1935 (b)	
Wise \$1000 Th.owes \$1000	Sales		Enterdes		Product	Value	Quantity	Value
	Quantity	Value	E	ntries	Th.cwts.	a alth and	Th.cwts.	£1000
	Th.cwts.	£'000		No.	III. CWUS.	£'000	III. CWLS.	2.000
Manufactures of cordage						manii 1	and alternative	
Nets and netting						1001122	and the same	
Of hard hemp	48.0	738		34	51.7	320	75.6	418
Of soft hemp	6.4	199		12	9.5	126	rents	
Of cotton	13.2	682 371	}	21	20.3	310	17.9	257
Of linen, ramie or seagrass	2.5	214		8	2.1	85	5.2	150
Of other materials, including mixtures	10.3	216		11	3.6	62	]	200
Total nets and netting	80.4	2,049 371	}	3.7	87.2	9 03	98.7	825
Trawl gear of rope, etc.(e)		95		9	0.8	3 71	1.6	10 5
Other manufactures of cordage	6.3	331 118	}	24		na abtoo	otal ropes, llaes under diameter	
Waste products sold					2011	C Kens selve	en a seacont la	
Hard hemp	13.2	15		18	10.6	3	8.9	1
Other waste	2.2	1 8	}	18	.••:	5	5.0	7
Work done for the trade		The said			12012		antila E.m	
Fixing and splicing of driving ropes (f)		33		24	ã	14	erdit outon	14
Repair work (f)		67		13		4	neligat wen	5
Other work done (f)	01	51		27			there	
Total Less sales (or production)		18,865		••		6,911	can lies	5,615
in other trades (see Table 9)		992		••		546	great sin	456
Total principal products of this trade sold or		388		1 5.2		squa	f. Jigos bexi	
made by establishments in the trade		17,873		148		6,365	33.00	5,159

<sup>(</sup>a) Great Britain only.

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

### Larger establishments

TABLE 9

		1948 (a)		1937	(b)	1935	(b)
	Sales			Produc	tion	Production	
8.8 4.4.4.88.1.84	Quantity	Value	Entries	Quantity	Value	Quantity	Value
2.0 2.0 1	Th. cwts.	£1 000	No.	Th. cwts.	2,000	Th. cwts.	£1000
Hard hemp yarn, other than line yarn	endigues ve	Son Che98, a	in decrease	0.6	2	inen, remie	1 20
Cordage, cables, ropes and twine		1	1	0	50150011	nxim anibod	See
Under ¼ inch diameter	tion of the same	an bar (19)			1023	gon to reag	Ivent
Twine	o 1) is	J ac		6 1	of transition of	erus selumpa	unsdan.
Of soft hemp		99 (f					
True hemp	2.3	45	••	10.3	71	12.8	80
Mixed soft hemps	0.1	1	••			15301	
Of cotton	0.6	11		1.4	13	1.3	12
Of jute	5.2	53 -	5	78.1	147	37.8	68
Of linen	3.1	70	8	17.2	165	17.4	139,
Of other materials, including mixtures	irade of	poya_isq!	onsetton	70 30) &	201	4.3	28
Ropes, cords and lines	. Londie	empalidat	an <sub>A</sub> napra				
Of true soft hemp	0.1	1		0.4	3	0.2	2
Of cotton	0.1	3	1948 (a	0.3	3	0.3	3
Of jute	1.9	21 🗸	Sales	1.4	3	1.1	2
Of other materials, including mixtures	Quantity	13	vala.	1.3	4	1.0	7
Twine, ropes, cords and	2.81	cro			2379	200 100 00	sed office
lines of jute, unclassified	- Cartana	287	el allano	t sett_	_		
76. TO 10.	541	100				Tor AIR SAM	160 011H
Of 4 inch diameter and over	Ap. 15ty in a	5772		E - 1 - 1031	100,69 18	canvas year	GU-HDAN
Of Empire fibre: Sisal	1.9	12	••	-	287 <del>0</del> 708	TRULE SAUDE	sa as <del>a</del> so salani)
Of soft hemp	Overtible	-	- "	-	_	0.4	1
Of cotton	0.2	4			_	0.5	3
Of jute	15.1	81		17.8	19	11.5	12
Of other materials, including mixtures	••	64	8	10.5	14	30.5	16

<sup>(</sup>b) United Kingdom.

<sup>(</sup>c) Including unclassified.

<sup>(</sup>d) Not recorded separately.

<sup>(</sup>e) So far as recorded separately.

<sup>(</sup>f) Amount charged in 1948 and amount received in 1937 and 1935.

TABLE 9 (contd.)

eebani	1948 (a) Sales			1937 (b) Production		1935 (b) Production	
	Quantity	Value	Entries	Quantity	Value	Quantity	Value
Manufactures of conders	Th. cwts.	£1000	No.	Th. cwts.	£1000	Th. cwts.	£1000
Manufactures of cordage  Nets and netting		(a)	eet ee				
Of hemp	0.5	13	v . • • idalaa	1.2	23	1.4	8
Of cotton	0.8	84	ewt.s.	1.1	23	0.3	3
Of linen, ramie or seagrass	0.5	39	••	Line -	mora- 19	2.9	67
Of other materials, including mixtures	0.1	1	••	1.9	50	r Pida	10gel=05
Trawl gear of rope, etc.	• • _:	21	••:	-	<b>建</b> 00	halb-tont 1	nabali
Other manufactures of cordage {	0.4	18 99	16 {	0.6	2 4		5
Repair work done for the trade		47 (c)	••		-	onest Sizzl	-
Total		992	••		546		456

(a) Great Britain only.(b) United Kingdom.(c) Amount charged.

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

### Larger establishments

TABLE 10

INDEC 10						
8 11 5 9 1	1948 Sal		1937 Produ		1935 Produ	(b) ction
	Quantity	Value	Quantity	Value	Quantity	Value
	Th. cwts.	£1000	Th. cwts.	£1000	Th. cwts.	£1000
Soft hemp yarn	17.9 Th. tons	208	19.3 Th. tons	54	16.1 Th. tons	42
Wire cables and rope	1.3	127	1.9	87	1.8	81
Made-up canvas goods, bags, etc.		177	••	102	na risteni it d	71
Other textile manufactures		51		Issi	tre fibrei s	guis 10
(including cotton yarn)		159	••	328	dmed 3	319
Other goods		72		35	••	8
Total		742		606		521

(a) Great Britain only.(b) United Kingdom.

Analysis of sales, 1948 Larger establishments in Great Britain

TABLE II

The owner.	Sales	Percentage of total sales
(1937 - 1819.1 (e) -4.7 ( 4.5	£!000	Albau.
Sales (or transfers) to other organisations under the same control		
Productive works	606	3.3
Export sales organisations (including branches abroad)	182	1.0
Other wholesale or selling organisations	388	2.0
Retail shops, etc.	11	0.1
Total sales (or transfers) to other organisations under the same control	1, 188	6.4
Sales to independent buyers	didet 1	and 10
Exports invoiced directly overseas	1,828	9.9
Exports invoiced to Crown Agents and purchasing houses in this country of individual firms and governments abroad	756	4.1
His Majesty's Government and Local Authorities (other than productive establishments)	402	2.2
Manufacturers, repairers, builders, mines, public utilities, and transport and other productive undertakings	5, 152	27.8
Wholesalers, merchants and other agents for resale	5,281(a)	28.5
Retailers, including multiple shops, caterers and N.A.A.F.I., for resale	378	2.0
Other businesses (including farmers) and institutions of all kinds	3,020	16.3
Members of the public, including employees	507	2.7
Metal calca to independent buyana	17,324	93.6
Total sales to independent buyers		

<sup>(</sup>a) Of this total £4,154,000 was recorded as divided between £658,000 for export and £3,496,000 for other sales.

DS 90947/1

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

		Production (b) (c)	Exports	Retained imports
Hemp yarm (d)		Th.cwts.	Th. cwts.	Th. cwts.
Line	{1948 1937	1283.9 (e) 1519.1 (e)	0.9	2.4 4.9
Tow	{1948 1937	79.1 (e) 228.7 (e)	0.7	21.4 44.2
Cordage, cables, ropes and twine		onds sempand and	mioni) enolomathica	b soles Proges
Under 4 inch diameter			Thomas and the one	
Of hemp				
Binder and reaper twine of hard hemp	{1948 1937	268.4 283.6	48.1 109.0	75 <b>.</b> 3
Other twine				
Of hard hemp	{1948 1937	284.0 251.9	25.2 20.1	1.3
Of soft hemp	{1948 1937	50.4 139.6	14.0	12.8
Ropes, cords and	{1948 1937	77.0 219.1	1.2 14.5	1.4
Total of hemp	{1948 1937	679.8 894.2	88.5 146.5	1.4 100.8
Of cotton	{1948 1937	133.5 181.2	38.3 53.8	0.1
Of other materials (f)	{1948 1937	139.1(g) 161.9	6.3 27.4	13.0 7.9
Total cordage, etc., under	{1948 {1937'	952.4 1237.3	133.1 227.7	14.3 108.8
Of ¼ inch diameter and over	e Lia in e	2016 3 KO 6012 3 XIA 12 20		
Of hemp	{1948 1937	739.0 741.7	199.1 200.3	0.4 3.9
Of cotton	{1948 1937	37.4 47.2	11.2 8.1	(f) 0.1
Of other materials (f)	{1948 1937	166.6 (g) 138.3	6.5 8.9	1.1 2.4
Total cordage etc., of 4 inch diameter and over	{1948 1937	943.0 927.2	216.7 217.3	1.5
Total cordage, cables, ropes	<b>[1948</b> ]	1895.4	349.8 445.0	15.8 115.2

TABLE 12 (contd.)

		Production (b)(c)	Exports	Retained imports
Manufactures of cordage (g)	Leur bas	Th. cwts.	Th. cwts.	Th. cwts.
	2000 CF 0005	Tulesand to the contract of th		
Of cotton, linen, ramie or seagrass	{1948 1937	22.9(g) 22.4	15.1 19.7	2.1
Of other materials, including mixtures	{1948 1937	64.7 64.8	14.3 5.3	<b>4.1</b> 0.9
Total nets and netting	{1948 1937	87.6 87.2	29.4 25.0	6.2 3.8
		£'000	£! 000	£'000
Other manufactures of cordage	{1948 1937	545 74	11 5	1 2 3 3 2

- (a) Figures of sales (or production) refer only to larger establishments in Great Britain (1948) or the United Kingdom (1937). 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) Including soft hemp yarn for the output of which see the Linen and Soft Hemp Trade (Volume 6, Trade F).
- (e) Production for sale or for further manufacture in the same works.
- (f) The oversea trade figures, with the exception of those for exports in 1948, exclude cordage, etc. and manufactures of cordage of synthetic materials.
- (g) Partly estimated.
- (h) The oversea trade particulars for nets and netting of mixtures of cotton, linen, ramie or seagrass, except of mixtures with other materials, are included in the figures shown against the heading "Of cotton, linen, ramie or seagrass".

### Purchased materials and fuel

### Larger establishments

### TABLE 13

270 5 1 1 1	aB7WO SIT	1948 (a	)	1937 (	b)	1935 (t	))
		Materials a purchas		Usage of purchased materials and fuel			
		Quantity	Cost	Quantity	Cost	Quantity	Cost
		Th. cwts.	£1000	Th.cwts.	£1000	Th.cwts.	£1000
Materials	25.1	elss	1948			its	10
Hard hemp	TO STATE STORY	A 488	(1987)		2001	3556 10 5110	
Manila	0.41	137.5	780	804.0	1,219	714.3	555
Empire fibre	5,6	Cast	NOSEL)			Maria Garana a su	
Sisal	2.83	1,053.2	4,602	538.1	732	551.0	445
New Zealan	d	4.5	18	48.6	58	25.5	17
Tow or codil		19.7	72	16.0	17	15.5	12
Other		23.7	84		neron To po	et a track of the	
Soft hemp			7261)	1 000		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
True hemp		14.3	155	80.6	159	92.0	233
Indian hemp	and deep of appendit of	37.8	176	94.0	87	90.8	86
Flax and raw j	ute had the end oank and	36.1	88	All decords	(c)	må tet •Kined	(c)
Yarn		ger o selfallian	on out to	es for noise	ubori ona	each the sel	e (a)
Of hemp		stiesele sine	Maridalas	va (aotaou	ord to) a	isa yaibulo	II (0)
Line	There was not been been been	7.8	148	65.5	228	68.2	234
Tow		33.7	451	reducing non	that else	el moltosbu	坦 (6)
Of flax		ron eachs to	otigeoxe	eds dalw la	THE IT BAS	oversea to	(1)
Line		0.9	19		(c)	enije vijo	(c)
Tow		4.8	51	tion small	foreg sha	G ESCISVO S	nes (n)
Of cotton		174.6	2,396	228.0	895	194.0	655
Of jute		108.4	574	124.5	149		(c)
Twine				7,	hada a		
Of hard hemp	)	57.8	452	33.7	129	51.4	140
Of soft hemp		2.5	56	3.6	21	31.4.	140
		11000					Allen de
DS 90947/1							

TABLE 13 (contd.)

8931 (13	1948	(a)	1937	(b)	1935 (	b)
nindian's	Materials purcha		Usag	ge of purchand	hased materia	ls
	Quantity	Cost	Quantity	Cost	Quantity	Cost
Materials (contd.)	Th. cwts.	£! 000	Th. cwts.	£1000	Th. cwts.	21000
Twine (contd.)					1 3 4 37 (0)	
Of cotton	12.6	334 166	14.0	119	17.0	113
Of linen, ramie or seagrass	2.2	126		(c)		(c)
Packing materials	••	149	••	64	allogions I	(c)
All other purchased materials	••	1, 426		722		842(d)
Fuel and electricity	Th. tons.	*	Th. tons.	Dan Bago	Th. tons.	A STATE OF THE STA
Coal	31.4	89	49.7	58	46.0	46
Coke	4.0	17		(c)	1.8	2
Electricity purchased (e)	Th.B.T.U. (kW.hrs.)		Th.B.T.U. (kW.hrs.)	vo hoe ta	Th. B. T. U. (kw. hrs.)	10
From public supply	26.397	122			cost ores to	entivit
From other sources	90	-	10 100			
Electricity obtained from other works under the same ownership	215	1	19,123	77	21,413	70
Motor spirit (petrol) and derv. fuel	Th. galls.				esetucia	n) Many
Used for road vehicles	100	10				
Used for other power purposes	14	1	ia sanibalis kaj	Sadelnii Googud	Listoti Mow To the	
Other oil fuel (including creosote pitch mixtures)	130	6			Terry Sine es	Trought
Gas purchased	Th. therms.					
From public supply	138	6	}	16		(c)
785	Th. cu. ft. 751	_				
From other sources	aneses -	_			Control of the Contro	
Gas obtained from other works under the same ownership	297	-				
All other purchased fuel	•••	2			nast-i	
Total		12, 583		4,750	mat and a second	3, 450

(a) Great Britain only.
(b) United Kingdom.
(c) Not recorded separately.
(d) Including fuel not specified separately.
(e) The total quantity of electricity consumed in 1948 was 27,994,000 B.T. units, including 1,292,000 generated in the same works.

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

### Larger establishments in Great Britain

T	7	-			
4 10	Λ	ж	-	_	ш

	At beginni	ng of year	At end of	year
	Quantity	Value	Quantity	Value
V-24 1 Box	Th. cwts.	£1 000	Th. cwts.	£1000
		30233		
Finished products			a fa fra tan	antwood.
Cordage, cables, ropes and twine of hard	sence off	staits	Jecurianty T	e tok Land
Under 4 inch diameter	83.8	341	113.8	559
Of 4 inch diameter and over	77.5	327	65.7	316
Twine of soft hemp	8.7	106	10.0	117
Cotton twine	4.5	69	6.1	93
Other finished products	228:	349	ani nabab ario	460
Work in progress	A SPECIEUR ACE.	186	(iorded) fini	238
Total finished products and work in progress		1,378	20,000 TB.000 TC	1,783
Materials and fuel	081		recont leri nacele dorig	Ero gadan Robusto
Manila	51.2	255	51.6	274
Sisal	133.3	478	93.6	387
Soft hemp	19.6	123	16.5	103
Cotton yarn	19.0	295	15.8	262
Other descriptions of materials		303 (3)	(187 d) 1384	212
and fuel	••	520	SEA CHURS	646
Total materials and fuel		1,691	45 (25 CA)	1,692

### Employment and remuneration (a)

### Larger establishments

### (i) Private firms

### TABLE 15

TABLE 10									2 2 2 3 3 3 4 7
	Average number of operatives Administrative, technical and clerical employees (b) Total				Administrative, technical and clerical employees (b)			Total	
10,52867	1948(c)	1937(d)	1935(d)	1948(c)	1937 (d)	1935(d)	1948(c)	1937 (d)	1935 (d)
Males			100000000000000000000000000000000000000	The State				- North Commission of the Comm	
Under 18	428	1, 175	1,190	34	83	67	462	1,258	1,257
All ages	4,187	4,626	4,514	867	949	868	5,054	5, 575	5,382
Females		6							BE SELLEN
Under 18	1,098	3,269	2,886	127	110	69	1,225	3,379	2,955
All ages	7,734	9,836	9,442	560	503	452	8, 294	10,339	9,894
Total								1.46	Ex. 1.01
Under 18	1,526	4,444	4,076	161	193	136	1,687	4,637	4,212
All ages	11,921	14, 462	13,956	1,427(e)	1,452	1,320	13,348 (e) (f) (g)	15, 914	15,276
Total	£'000			\$1000			£'000		
remuneration	2,351	• •	•••	601		••	2,952	••	••

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

Canteen workers Other workers

4 males 100 males 103 females 23 females

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

Great Britain only.

(c) Great Britain only.
(d) United Kingdom.
(e) There were, in addition, 34 working proprietors (32 males and 2 females) in 1948. Working proprietors are included in the 1937 and 1935 figures.
(f) The employers' share of contributions to all National Insurance Schemes payable during the year in respect of these workers amounted to £95,000.
(g) 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 Maintenance and repair of firms!	38	
buildings, but not plant Research work not directly connected	63	
with current production however charged	HALL INTERNATION	3

In addition to the employees in the above table the private firms in this trade employed outworkers whose numbers (and remuneration in 1948) are set out below.

Asds	Average num	ber of outworkers	employed	Total amount
	Males	Females Total		paid to outworkers
1948	23	1,903	1, 926	£'000 120
1937	37	736	773	••
1935	31	643	674	iolasker, bus 3

Employment and remuneration

Larger establishments

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

ROPE, TWINE AND NET

6/H/19

The total amount paid for work done on materials given out was £57,000

Payments for certain services, 1948 Larger establishments in Great Britain

(ii) Government Departments

TABLE 15						
Interpretation of the second	Averag	Average number of operatives		e, technical employees (a)	Total	
	1948(b)	1935(c)	1948(b)	1935(c)	1948(b)	1935 (c)
Males					ASK	
Under 18	8	41		838.4	8	41
All ages	33	97	2	3	35	100
Females	2,1 - 98	ors a	880,8		1,000	Chaer is
Under 18	basing maxif of	- 08	514.0	92.835	7,734	All Jees
All ages	32	124	-	-	32	124
Total	AS1	891 II	2 2 3 5 5000 . 8	269 444	538 . 4(ca)e	Bt regat
Under 18	8	41	13.080.21	1834 P.F	8	41
All ages	65	221	2	3	67 (d)	224
	£'000		£1000		\$1000	Total
Total remuneration	16		1	••	18	••

(a) Number at September 25, 1948, and October 12, 1935.
 (b) Great Britain only.
 (c) United Kingdom.
 (d) The employers' share of contributions to all National Insurance Schemes payable during the year in respect of these workers amounted to £1,000.

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

TABLE 16		Estab]	ishments ma	aking return	ns for the	calendar yea	ar	
	Amount paid	naid	Percentage of annual remuneration paid in					
est	by all establish paid paid		First quarter	Second quarter	Third quarter	Fourth quarter	Year	
Wages and salaries of	£1000	£'000	da oldej es ed duo Vee	ods end al	r segoluko t	men trie) si	hha ni. admon poonw	
Operatives	2,368	1,080	24.7	25.5	24.4	25.4	100.0	
Administrative,	1000	ue i	an Lems E	8.5	444		445	
technical and clerical employees	602	250	24.9	24.3	24.7	26.1	100.0	
Total	2,970	1,331	24.7	25.2	24.5	25.6	100.0	

(a) Including bonus and commission payments.

TABLE 18	
dages and estantes of paracus employee	Amount paid
Repair and maintenance	£1000
Of buildings	59
Of plant, machinery and vehicles	148
Unclassified Advantage Date (1997)	90
Hire of plant, machinery and vehicles	5
Advertising and market research	1 20 20 20 20 20 20 20 20 20 20 20 20 20
Advertising in newspapers, magazines and periodicals	4
Other advertising services (poster display, despatch of circulars, etc.) and market research	1
Unclassified	17
Payments made for research work	ensi S Lue I salatarell at
To research associations	_
To universities, institutions, academic bodies and similar agencies	- 2000
To other commercial concerns	10
Postage, telephone, telegrams and cables	41 00100 (6)
Commercial insurance premiums	63
Rates (excluding water rates) payable in the year	17

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

TARIF 19

	Acqı	D4		
	New	Second-hand	Disposals	
	£1000	£!000	£1000	
Plant and machinery	225	9	31	
Vehicles	23	10	7	
Total	249	20	38	

Summary

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

Larger establishments in Great Britain

ABLE 20	£1000	₤'000
1. Capital expenditure on building work (a)		. 89
2. Existing buildings and land (b)		
(i) Capital cost of freeholds bought	2	
Estimated capital value of	. 00	
(11) Rented property newly occupied in the		
year (c)	eafoldev pos T	
(111) Leasehold buildings and land newly		Thelassified
occupied in the year	2010talex 48 1700	tipes of plant, magni
Total of heading 2		59
Total of headings 1 and 2	stapers, magaznes and	148
3. Existing buildings and land relinquished		Coclassified
4. Headings 1 and 2 less heading 3		148

- (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.

Larger establishments TABLE 21

		England	Wales	Scotland	Great Britain
	200	೩'೦೦೦	£'000	£'000	£'000
Gross output (production)	DEL	14, 549	172	4,085	18,805
Cost of materials and fuel used	000	9,710	112	2,761	12, 582
Payment for work done on materials given out		50	-	7	57
Net output		4,789	60	1, 317	6, 166
Wages and salaries of persons employed		2, 308	28	634	2,970
Average number of persons employed (a)	68	No. 10, 165	No. 160	No. 3, 124	No. 13, 449
Net output per person employed (a)	. (6)	£ 471	\$ 375	£ 422	£ 458
Stocks at end of year		£1000	£1000	£1000	£1000 -
Finished products and work in progress		1,412	13	359	1,783
Materials and fuel		1, 387	10	295	1, 692
Number of establishments		No. 123	No. 3	No. 37	No. 163
(a) Employed to a contract to		The state of the s	***************************************		

(a) Excluding outworkers.

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

	England	Wales	Scotland	Great Britain
Output of firms in this trade	£'000	£'000	£'000	£1000
Total value of sales (see Table 23)	14, 332	173	4, 110	18, 615
Adjustment for changes in stocks and work in progress	+ 376	- 2	+ 31	+ 405
Less payment for transport by other firms	14,707 159	172	4 <b>,</b> 141 56	19,020 215
Gross output (production)	14, 549	172	4,085	18,805
Materials and fuel used by firms in this trade			- gmard, 32.	12 34
Purchases (see Table 24)	9,817	111	2, 655	12, 583
Adjustment for changes in stocks	- 108	+ 1	+ 106	- 1
Materials and fuel used	9,710	112	2, 761	12 582

Summary Small firms

TABLE 22

(a) (b) (c) (c) (c) (c)	England	Scotland	Great Britain (a)
Number of returns Average number of persons employed (b)	56	10	66
Males Females	186 5 <b>1</b>	31 5	217 56
Total	237	36	273

- (a) There were no small firms in Wales in the register for this trade.(b) Including working proprietors.

DS 90947/1

### Sales in the trade

### Larger establishments

TABLE 23

7000	- Opail	England and Wales		Scotla	and	Great Britain		
	172	Quantity	Value	Quantity	Value	Quantity	Value	
, 252 QL 7   1 18" C	SEE	Th. cwts.	£'000	Th. cwts.	۵۱000 ع	Th. cwts.	£1 000	
Principal products	Mile III	03		one manta are	Lysten No	EDD SITEM SEE		
Hard hemp line yarn of Empire fibre	Creutinia Sec	200	(a)	ployed	(a)	20.1	124	
Other hard hemp yarn	100 PM	4.8	29	- /20	T	4.8	29	
Total hard hemp yarr	n		(a)	to	(a)	24.9	153	
Cordage, cables, ropes a	nd twine	2 000				ney lo bne da		
Under 4 inch diameter	a Si	100 July 58 4 5		SEPTEOTO		tang Bus sisi		
Binder and reaper two	ine of	1235 1435 1435				panalidetaa id	Nambe n	
Manila and Empire	sisal		(a)		(a)	268.4	1,650	
Other		979.2	iner see a Co	traces to bus	Jugiti san	ca to sections	-	
Other twine	I SAL LICELA	Acceptance of the second						
Of hard hemp	agie	d pustan						
	1000	00018	(a)		(a)	16.9	167	
Manila		S88 4	(4)	(88.9	(36 Act)	value of,sala		
Empire fibre				arow bas ast	(a)	260.3	1,790	
Sisal		200	(a)	••		5.1	31	
New Zealand		• 881	(a)	Smill reduce	(a)	TELL STROMES	10	
Other		1.7	10	01810-000001	March - About	1.7		
Of soft hemp		e in agreené	e for the s	esta, sur ai.		THE PROPERTY OF	elijejen E	
True hemp		118,6	(a)		(a)	10.6	244	
Indian hemp		16.0	226	8.3	100	24.3	326	
Mixed soft hemps	s	12.8	210	0.5	9	13.2	219	
Of cotton		104.1	1,893	4.5	78	108.6	1,971	
Of jute		18.3	192	22.0	158	40.3	349	
Of linen		brie Spinit	(a)		(a)	4.2	101	
Of other material including mixtur		0.4	7	9.9	29	10.3	37	
Total twine		679.4	6,227	84.4	669	763.9	6,896	
378								

TABLE 23 (contd.)

	England	and Wales	Scot	land	Great Britain		
Value Quantity Value	Quantity	Value	Quantity	Value	Quantity	Value	
Principal products (contd.)	Th. cwts.	٤١٥٥٥	Th. cwts.	٤١٥٥٥	Th. cwts.	٤١٥٥٥	
Cordage, cables, ropes and twine (contd.)			partition		5.50(200) (24) (5)		
Under 4 inch diameter (contd.)	096-04			E BASE	T. Shielen	PROGRESS.	
Ropes, cords and lines	0.00		2.72			dec se	
Of hard hemp		1	1 600		the contract of the contract o	100 100	
Empire fibre		(a)		(a)	60.1	407	
Other	4.7	23	0.3	5	5.1	28	
Of soft hemp	2.0	1 500	200		eastain pal		
True hemp	4.8	120	1.2	35	6.0	155	
Indian hemp	2.6	38	2.7	34	5.3	72	
Mixed soft hemps	0.4	6		_	0.4	6	
Of cotton	21.0	566	3.1	91	24.2	658	
Of jute	2.1	17	13.3	113	15.4	130	
Of other materials, including mixtures	11.9	96	0.1	6	12.0	102	
Total ropes, cords	••	108	)			103	
and lines, under		(a)		(a)	128.5	1,557	
Of 4 inch diameter and over					i satistiai di		
Of hard hemp		i see			(4), 10000	and the	
Manila	82.8	609	26.1	194	108.9	802	
Empire fibre					Compared as		
Sisal	425.8	2,561	158.6	1,068	584.4	3,630	
New Zealand	100	(a)	••	(a)	1.4	Jugano 7redati	
Other Sand All	23.7	115	1.0	5	24.7	120	
Of soft hemp		1.26	1.3			Wire cable	
True hemp	•••	(a)		(a)	8.7	163	
Indian hemp	2.7	33	5.1	58 80	7.8	91	
Mixed soft hemps		(a)		(a)	1.2	23	
Of cotton	36.7	851	0.5	6	37.2	857	
Of jute	11.1	84	51.7	287	62.9	370	
Of other materials, including mixtures	67.7	262 9	2.2	12 {	69.9	273 9 (d)	
Total ropes, cords and lines of 4 inch diameter and over	658.4	4,639	248.7	1,698	907.1	6,337 9	

TABLE 23 (contd.)

TABLE 23 (contd.)				. 1	Q	nd to dr
matrif taya' ba	England an	nd Wales	Scotl	and	Great Britain	
	Quantity	Value	Quantity	Value	Quantity	Value
NI DOC TR. CLEAR STONE	Th.cwts.	٤١٥٥٥	Th.cwts.	£'000	Th.cwts.	£'000
Principal products (contd.)						
Manufactures of cordage				102	240012610	
Nets and netting				(.60000)	toletsia non	
Of hemp	47.2	811	6.8	114	53.9	924
Of cotton	. 8.0	407	4.4	191 371	12.4	598 371
Of linen, ramie or seagrass		(a)		(a)	2.0	175
Of other materials, including mixtures	9.8	205	0.4	9	10.3	215
Total nets and netting	::1	(a)	***	(a) {	78.6	1,912 371
Trawl gear of rope	0.4	6 24	3,5	45 {	0.4	6 69
Other manufactures of cordage	3.4	78 6	2.6	235 13	5.9	313 19
Waste products sold		77	i is		5	at th
Hard hemp	13.1	15	9-11	-	13.2	15
	2.2	1		3 {	2.2	1
Other waste		5	\		secon issued	8
Work done for the trade	1	(3)		79	emalo dustr	1.78
Fixing and splicing of driving ropes (b)		27		6(b)	ni recement	33
Repair work (b)		20	8.28	-		20
Other work done (b)		48		2(b	) auden	51
Total principal products	0.2822	14, 108	425, 8	3,765	Ī	17,873
Other output					47.0	200
Soft hemp yarn	6.5 Th. tons	93	11.4	115	17.9 Th. tons	208
Wire cables and rope	1.3	126		1	1.3	127
Made-up canvas goods, bags, etc.		27	1 120	150	. 533	1//
Other textile manufactures (including cotton yarn)	1.0	126	7.3	32	Quon	159
Other goods		25		47	CHESIL LEGE	72
Total -	5.0	14,505	Vertices	4, 110		18,615

 <sup>(</sup>a) Owing to the risk of disclosure of information relating to individual firms, separate figures cannot be given.
 (b) Amount charged.

ROPE, TWINE AND NET COUNTRY TABLES Purchased materials and fuel Larger establishments

TABLE 24

TABLE 24	Volument	SEFFICIENT TEACH	28   27   18 18 18 18		1	
	England and Wales		Scotland		Great Britain	
ge English and	Quantity	Cost	Quantity	Cost	Quantity	Cost
Materials	Th. cwts.	£'000	Th. cwts.	£1000	Th. cwts.	£1000
Hard hemp	(Land W		a Situation	ATOMIC		7333
Manila	113.8	630	23.6	150	137.5	780
Empire fibre			010 113		rigora sarana	g merri
Sisal	877.6	3,787	175.6	815	1,053.2	4,602
New Zealand		(a)		(a)	4.5	18
Tow or codilla	10.00	(a)	and the state of	(a)	19.7	72
Other	22.9	81	0.8	3	23.7	84
Soft hemp	30	8		1010	der busy not	Liasti .
True hemp		(a)	••	(a)	14.3	155
Indian hemp	20.8	99	17.0	77	37.8	176
Flax and raw jute	.01	(a)	1 814	(a)	36.1	88
Yarn	division of	100000			beasing	ing vale
Of hemp	JI Loom	1 coo 1 s			iqqua satidug	100 TE COO
Line	5.7	116	2.1	33	7.8	148
Tow	31.6	425	2.2	26	33.7	451
Of flax	A 888 1			Teks In sweet	se Pada eighell gin	SERSIONES
Line	0.7	16	0.2	3	0.9	19
Tow		(a)	•••	(a)	4.8	51
Of cotton	167.3	2,303	7.4	94	174.6	2,396
Of jute	35.9	213	72.5	361	108.4	574
Twine	EN 25184 hos	ben Cana a bab	emamo vetao	ndoelectowa	come Veros	out (a)
Of hard hemp	49.2	389	8.6	64	57.8	452
Of soft hemp	••	(a)		(a)	2.5	56
Of cotton	8.4	227	4.2	107 165	12.6	334 166
Of linen, ramie or seagrass		(a)	•••	(a)	2.2	126
Packing materials	(11) . 90	135	wee	14		149
All other purchased materials	•••	938		488		1,426
DS 90947/1	pression tre	THE REAL PROPERTY.	12 20216 13			12009-20

ABLE 24 (contd.)	England ar	nd Wales	Scotla	Scotland		Great Britain	
	Quantity	Cost	Quantity	Cost	Quantity	Cost	
STATISTICS TESTINGS I	Th. tons	£1000	Th. tons	£1000	Th. tons	£1000	
Fuel and electricity	tations	3000	va 1 talax			89	
Coal	18.7	57	12.8	33	31.4		
Coke	3.4 Th. B.T.U. (kW.hrs.)	14	0.6 Th. B.T.U. (kW.hrs.)	3	4.0 Th. B.T.U. (kW.hrs.)	mait brish	
Electricity purchased (b)	28.8		.8.811		00 505	122	
From public supply	21,578	99	4,819	23	26,397	1aa	
From other sources	90	387,8	3,778	-	90	es18	
Electricity obtained from other works under the same ownership	215 Th. galls.	1	Th. galls.	-	215 Th. galls.	20 Mar. 1	
Motor spirit (petrol) and derv. fuel	3.6	100	e.us		3.9 6	nedao!	
Used for road vehicles	79	8	20	2	100	10	
Used for other power purposes	14	1	8.08	-	14	nsibni	
Other oil fuel (including creosote/pitch mixtures)	119	6	10	1	130	6	
Gas purchased	Th. therms	ė 6	Th. therms	1	Th. therms 138 Th. cu. ft.	6	
From public supply	Th. cu. ft. 700	-	Th. cu. ft. 51	-	751		
From other sources	1.4	0-1	4 <del>-</del> 8	-		SELLI	
Gas obtained from other	S.S	Tes.	8.18			WOT	
works under the same ownership	-	-	297	-	297	16 T	
All other purchased fuel	3.0	2	1 .7.0	1		2	
Total		9,928	1 1 1 A A	2,655		12,583	

(a) Owing to the risk of disclosure of information relating to individual firms, separate figures cannot be given.

(b) The total quantity of electricity consumed in England and Wales was 23,125,000 B.T. units, including 1,242,000 generated in the same works. The total quantity of electricity consumed in Scotland was 4,869,000 B.T. units, including 50,000 generated in the same works.

### Employment and remuneration

### Larger establishments

### (i) Private firms

TABLE 25

	England and Wales			S	Scotland			Great Britain	
	Average number of operatives		Total	Average number of operatives		Total	Average number of operatives	Admin- istrative, technical and clerical employees (a)	Total
Malés									
Under 18	315	25	340	113	9	122	428	34	462
All ages	3,296	683	3,979	891	184	1,075	4, 187	867	5,054
Females									
Under 18	755	97	852	343	30	373	1,098	127	1,225
All ages	5,840	420	6,260	1,894	140	2,034	7,734	560	8,294
Total									
Under 18	1,070	122	1,192	456	39	495	1,526	161	1,687
All ages	9,136		10,239 (b)(c)	2 <b>,</b> 785	324(b)	3,109 (b)(c)	11,921	1,427(b)	13,348 (b)(c)
Total	£1000	£1000	£'000	£1000	£'000	£'000	£1000	£1000	£1000
remuneration	1,836	482	2,318	515	119	634	2, 351	601	2,952

(a) Number at September 25, 1948.

(b) There were, in addition, 34 working proprietors (32 males and 2 females) in Great Britain; 18 males

and 1 female in England and Wales, and 14 males and 1 female in Scotland.

(c) The employers' share of contributions to all National Insurance Schemes payable during the year in respect of these workers amounted to a total of £95,000; £73,000 for England and Wales, and £22,000 for Scotland.

In addition to the employees in the above table the firms in this trade employed outworkers whose numbers and remuneration are set out below.

	Average num	Total amount paid to			
	Males	Females	Total	outworkers	
England and Wales	19	1,744	1,763	£1000 104	
Scotland	4	159	163	16	
Great Britain	23	1,903	1,926	120	

### (ii) Government Departments

All Government Department establishments classified to this trade were situated in England. Particulars of employment and remuneration therein are given in Table 15(11).

# Monthly index of employment of operatives: Larger establishments (average employment in 1948 = 100)

TABLE 26

INDEL TO				AT STEVINE LIN			
Monthly index (a)				Monthly index (a)			
Month	England and Wales	Scotland	Great Britain	Month	England and Wales	Scotland	Great Britain
1948	LIMA .		-ninga	1948	-03:00		
January	102.8	102.0	102.6	August	98.8	97.6	98.6
February	102.1	103.0	102.2	September	97.8	99.0	98.0
March	101.5	104.6	102.1	October	98.1	97.7	98.0
April	102.0	103.6	102.3	November	98.8	97.2	98.5
May	101.0	101.1	101.0	December	97.8	98.9	98.0
June .	100.7	98.1	100.2	Percentage employ- ment in this trade	1888 1	98,5	ESSE NAME OF
July	98.8	97.1	98.5	covered by the ind	ex 47.8	39.7	45.9

<sup>(</sup>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.

2274

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