

BOARD OF TRADE

FINAL REPORT on the CENSUS OF PRODUCTION FOR 1948

Volume 5

Trade D

WIRE AND WIRE MANUFACTURES

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

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* Not applicable to this trade

WIRE AND WIRE MANUFACTURES TRADE

THIS REPORT on the Wire and Wire Manufactures Trade relates to establishments engaged wholly or mainly in the manufacture of ferrous and non-ferrous wire, and wire products such as wire nails, wire netting, wire gauze, wire brushes, etc., and of wire mattresses and springs. The manufacture of insulated electrical wire and cables is excluded.

This trade corresponds to minimum list heading 93 and part of heading 71 (uninsulated electrical wire) in the Standard Industrial Classification.

Any 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 very small output in Northern Ireland were not published for 1935.



METAL GOODS NOT ELSEWHERE SPECIFIED WIRE AND WIRE MANUFACTURES TRADE

Summary

Larger establishments

T		-		-	
- 1	Λ	н	1	-	

IADLE I			
	1948 (a)	1937 (b)	1935 (b)
Gross output (production)	£'000 63,832	£'000 24,607	£'000 16,140
Cost of materials and fuel used	41,786	16,544	10,206
Payment for work done on materials given out	453	88	58
Net output	21,593	7,975	5,876
Wages and salaries of persons employed	11,258 No.	 No.	• •
Average number of persons employed (c)	34,974(d) £	27,246 &	No. 23,945
Net output per person employed (c)	617 £'000	293 £'000	£ 245
Stocks at end of year	2.000	g. 000	£'000
Finished products and work in progress	3,612	120102.9110	••
Materials and fuel	4,864 No.	No.	• • No
Number of establishments	277	NO.	No. 225

(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	£' 000	£'000
Total value of sales (1948) or production (1937 and 1935)			
Principal products (see Table 8)	58,978	21,818	14,526
Other output (see Table 10)	5, 538	2,789	1,614
Adjustment for changes in stocks and work in progress (see Table 14)	+ 497	••	••
	65,014	24,607	16,140
Less payment for transport by other firms	1,182	24,007	10,140
Gross output (production)	63,832	24,607	16,140
Materials and fuel used by firms in this trade			
Purchases (see Table 13)	42,752	10.511	10.000
Adjustment for changes in stocks (see Table 14)	- 966	16,544	10,206
Materials and fuel used	41,786	16,544	10,206

Summary, 1948 Small firms in Great Britain

TABLE 2

Number of returns	178
Number of recurs	1,0
Average number of persons employed (a)	
Males	807
Females	208
Total	1,015

(a) Including working proprietors.

Estimated average employment, 1948 All firms in Great Britain

TARLE 2

IABLE 3		
As returned by	firms	24
Employing on	average more than ten persons (a)	34,974
Employing an	average ten persons or less (b)	1,015
354.4	8 364 1 10.6 8 818 1	35,989
Estimated avera	age employment in firms not actory returns	210
Estimated avera	age employment in all firms	36, 199

(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	se regra	Remuneration	1	Net output per person
employed	ments	output	output	employed	Wages	Salaries	Total	employed
	No.	£,000	£1000	No.	£' 000	£1000	£1 000	٤
11-24	72	1,609	684	1,296	267	80	347	527
25-49	60	2,785	1, 198	2,074	461	177	638	578
50-99	51	5,471	2, 330	3,507	760	322	1,082	664
100-199	46	11,132	4, 151	6,512	1,679	447	2,126	637
200-299	14	6,806	2, 189	3,395	818	264	1,082	645
300–399	13	7,932	2,919	4,469	1,258	274	1,532	653
400-499	5	3,330	1,431	2, 171	517	161	678	659
500-749	10	10,324	3,303	5,792	1,516	310	1,827	570
750 and over	6	14,443	3,389	5,758	1,555	391	1,946	589
Total	277	63,832	21,593	34,974	8,832	2, 427	11,258	617
The state of the s	Lancon	L	1	L				ELSSAND CHT

5/D/7

TABLE 7 (contd.)

	Returned in		this trac	ie	Returned in all trades			
	1948	(b)	1937 (c)	1935 (c)	1948		1937 (c)	
						(0)	1907 (0)	1999(6)
	Quantity	Entries	Quant	tity	Quantity	Entries	Quant	ity
Remarked in all greaters	Th. tons	No.	Th. tons	Th. tons	Th. tons	No.	Th. tons	Th. tons
Copper wire in coils (including uninsulated electric wire) (f)	diamento	THE OWNER OF THE OWNER OF THE OWNER OF THE OWNER	(0) 8				Tot	
Circular section			(p)					
Thinner than No. 20 gauge, (S. W. G.)	16.4	15	3 No.	103, 407	16.5	18		morn.
No. 20 gauge (S.W.G.) and thicker	32.1	13			43.5	20	neros o la	
Unclassified	_	- 1	32	1.089	88.3	10	antons	
Stranded wire	(g)		56.1	39.9	6.8	77	154. 0	120.7
Other than circular section (including strip			100	8.009			inte billi	
not exceeding 6 ins. in width)	(m)		188	0.831			20,000	
WIGGII	(g)	Marie C)	L	9.8	9	J 30 27	
Aluminium wire	3. 5	15	0.6	0.4	6.3	23	1.6	0.9
Nickel alloy wire	(g)	••	(h)	(h)	3.1	18	(h)	(h)

(a) Of the quantities returned the following amounts were recorded as being re-drawn from purchased wire:-

	1 948		1937	19 35
	Quantity	Entries	Quantity	Quantity
Wire of	Th. tons	No.	Th. tons	Th. tons
Iron and steel (except insulated wire)			a) fravilla la	
Single strand other than fencing				and to
Mild steel	11.6	18	notates a	Engh 10°
Other	4.5	14	3.5	3. 6
Other iron and steel wire (except insulated wire)	0.3	••	I G. F. F.	
Brass, in coils (including all alloys of copper but excluding nickel alloys other than nickel silver)	and the second			
Of brass		TAGE		
Circular section	1.9	17	1012000	
Of other alloys of copper			1.6	1.3
Circular section	0.5	10	22/183 33	
Copper, in coils (including uninsulated electric wire)	0.2	12	0.2	0.1
Nickel alloys	0.4	9	ban (.0.	ini -

A small measure of duplication in the totals is thus involved unless the wire re-drawn was imported.

- (b) Great Britain only.
 (c) United Kingdom.
 (d) Where a firm has returned a quantity of wire drawn from wire rods and a quantity re—drawn from purchased wire, the total has been treated as one entry.
 (e) Described as "Wire of brass and other alloys of copper" in 1937 and 1935.
 (f) Described as "Wire of copper" in 1937 and 1935.
 (g) Owing to the risk of disclosure of information relating to individual firms separate particulars cannot be given. cannot be given.
 (h) Not recorded.
- DS 6783/1

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

TA	D	_	_	•

TABLE 0		1948 (a) Sales		1937 (b) Production		1935 (b) Production	
新新 18 76 年 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Quantity	Value	Entries	Quantity	Value	Quantity	Value
Iron and steel wire (except insulated wire)	Th. tons	£'000	No.	Th. tons	£'000	Th. tons	£1 000
Fencing wire (except barbed wire)	AT THE REAL PROPERTY.			17	40 0540	desirber3	
Single strand	9.0	339	13	15. 3	267	12.4	184
Strand of two or more ply	0.7	37	9	0.8	18		101
Barbed wire	18.3	809	7	11.8	239	13. 3	220
Other kinds		7		1 b	e purchas	ted bas abor	entil
Single strand					975,305 20	i belesited	ales
Mild steel	389.3	13,316	72	343.5	5,916	343. 2	6,300
Other	148.3	9, 524	60	114.5	3,800)	0,000
Strand of two or more ply		P. C. P. A.	(AR 00 A)			z o doviet	entit
Mild steel	7.0	373	21	5.0	124	10.6	186
Other	0.9	77	7		124	10.0	100
Total iron and steel wire (except insulated wire)	573.5	24, 475		490.9	10,364	379.5	6,890
Manufactures of iron and steel wire					1080311.34	La secución de la compansión de la compa	BEAGE TROUBLE
Wire cable and rope (except insulated telephone and telegraph cable)	89.8	8,725	46	82.0	3,864	66.6	2,815
Wire netting, wire fencing and wire mesh of all kinds						2000	70
Hexagonal mesh galvanised	22.7	1,750	8	18.6	590	21.1	555
Woven wire cloth, gauze, fabric, screening sieving lawn or meshing, square and rectangular mesh (other than mesh for pot scourers) (c)	Th. sq. ft.	801			and and	TORREST TARE	
Mesh from 2 and up to 30 per lineal inch	5, 416 Th. tons 1.3 0.9 Th. sq. ft.	278	14		0.000020	Latte ands	10 3860
Mesh from 30 and up to 100 per lineal inch	2,077 529 Th. tons 0.1 2.7	60 50 352	10	3.8	243	1.3	86
Mesh over 100 per lineal inch		2			in its and a contract of the c	Prince made	
	The same of the sa	1 2 200	1 1 1 1 1 1 1 1	A CONTRACTOR		the state of the s	

Analysis by standard region, 1948 Larger establishments in Great Britain

TARIF

TABLE 5		68-5-1	Net or	itput	artito	er 10 tedes	Remuneratio	n
Region	Establish- ments	Gross	Value	Percentage of total	Persons employed	Wages	Salaries	Total
England	No.	2'000	£' 000		No.	£'000	£1000	£'000
Northern	20	4,038	1, 546	7.2	2, 457	580	140	721
East and West Ridings of Yorkshire	63	13, 608	4,886	22, 6	7,707	2,092	482	2, 574
North Midland	5	2,024	842	3.9	1, 373	332	85	417
Eastern	5	1, 158	516	2.4	737	193	69	262
London and South Eastern	42	4, 414	1, 541	7.1	2, 317	603	188	791
Southern; and South Western	11	483	193	0.9	344	65	35	100
Midland	47	11, 203	3, 654	16.9	5, 515	1, 431	520	1,951
North Western	48	20,760	5,830	27.0	9,742	2, 458	614	3,072
Total England	241	57, 688	19,008	88.0	30, 192	7,755	2, 132	9,887
Wales	13	1, 631	547	2.5	1,008	234	83	317
Scotland	23	4,514	2,038	9.4	3,774	843	211	1,054
Great Britain	277	63, 832	21, 593	100.0	34,974	8,832	2, 427	11, 258

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

TABLE 6

Total / Lajore	astastas	888,04	Sales of		210	R	emuneration	ne û	Net output
9 7 000 19	Establish- ments	Gross	charac- teristic products	Net output	Persons employed	Wages	Salaries	Total	per person employed
Establishments	No.	£1 000	£, 000	£,000	No.	£'000	2,000	£'000	£
specialising in the draw- ing of wire	74	24, 225	21,057	€,818	10,783	3, 059	706	3,765	632
Establishments specialising	488 3700	Tere.	808.8	1 683	26 908	3 - 1/-	23	940	669
in the working of wire	159	16, 307	15, 472	7,207	12, 203	2,576	920	3, 496	591
Establishments engaged in the drawing	CLE	17.626	1 1897.8	803	AT088		61	- 624	568
and working of wire	44	23, 301	22,056	7,568	11,988	3, 197	800	3,997	631
Total	277	63,832	9-079-6	21,593	34,974	8,832	2, 427	11, 258	617
DS 6783/1		L							E-FESS WE

Total quantity of wire drawn from wire rods or purchased wire (including wire drawn and used for further manufacturing purposes in the same works) (a)

Larger establishments

TABLE 7

IADLE MASS CONTRACTOR								
the tons 'No. IT. tons I'm ton	Ret	urned in	this trac	le	Ret	urned in	all trade	S
	1948	(b)	1937 (c)	1935 (c)	1948	(b)	1937 (c)	1935(c)
	Quantity	Entries (d)	Quant	ity	Quantity	Entries	Quant	ity
Iron and steel wire (except insulated wire)	Th. tons	No.	Th. tons	Th. tons	Th. tons	No.	Th. tons	Th. tons
Single strand					A STATE	(all altered)	agues os a	
Fencing	23. 1	12	1	(23.1	12	Personale	20 (P)
Other	16.02 04.	1 98 1		(3)		and A rest of the second	on by post	entition.
Mild steel	359 •8	60			440.3	65	Lo nade	orne orne
Other	156.0	52			156.0	52	All Manager	
Strand of two or more ply	1		> 559.1	440.5			> 559.7	444.2
Fencing	0.8	6			0.8	6		Calle III
Other		(43)				W		0 /01
Mild steel	14.1	8			14.1	8		
Other	5.7	7			5.7	7)	380
Brass wire in coils (including all alloys of copper but excluding nickel alloys other than nickel silver)(e)	otomus 100 alkani						in the second	o 8988
Of brass			The state of the s	COLLEG	JEV BARGRA	ON SOME		
Circular section					Course man		DANKS OF THE	
Thinner than No. 20 gauge (S.W.G.)	3. 4	18		(3.4	18	Toda	40
No. 20 gauge					Townson and	STATE OF THE PARTY OF		A CONTRACTOR OF THE PARTY OF TH
(S. W. G.) and thicker	12.9	13	Taylig	an micke	12.9	13	da sathii	37,6
Of other alloys of copper								244
Circular section						MARKET		
Thinner than No. 20 gauge	1.0	12	7.4	6.2	1.0	12	21.2	17.0
(S.W.G.) No. 20 gauge (S.W.G.) and thicker	2.6	6	otwood	o popolo	2.6	6	everife t	Nagara Nagara
	2.0	- Contract	oda ed a	DROTON BOTH	of notae	Laborator to	armenon.	Lower
Other descriptions (including stranded wire)	0.5				0.5	n only.	sing see	2 (0)
Unclassified	ebbs entw	12012 OH	se bojes	ou med	or Islan	the separate	580,575,712	(1)
Circular section	NE 7865 XI	DESERTE OF	Joseph Day	TERE SI	6.0	521.0)	g - 151
	pivibal of	Surge Team	1 dollaring	121 10 9	PROTORIO.	10 200	THE WASTER	16/

TABLE 8 (contd.)

2302	t tento o	1948 (a) Sales	enfo ains	1937 Product		1935 Produc	(b) tion
	Quantity	Value	Entries	Quantity	Value	Quantity	Value
Manufactures of iron and steel wire (contd.)	Th. cwts.	£'000	No.	Th. tons	£'000	Th. tons	£'000
Wire netting, wire fencing and wire mesh of all kinds (contd.)	is selection of the	000	Supra Supra	457		eriw leste	toria comit
Pot scourers made wholly or partly of woven or knitted mesh	7.6 Th. tons	151	7	Th. tons	(d)	Th. tons	(d)
Chain link fencing	10.6	641	12			ta ta ta	anta
Reinforcement fabric	38.5	1,666 174	} 11	8.9	250	8.2	201
Other	26.7	1,005	23			ealw	becase
Wire rods and bars purchased and fabricated for concrete reinforcement (e)	25.2	775 78	} 10	••	(d)	abda e strand	(d)
Nails and tacks (including staples other than insulated made from wire	71.4 Th. doz.	2, 492	25	72.3 Th. doz.	1,162(f)	62.5 Th. doz.	832(f)
Wire brushes	326.0 Th. tons	461	43	242.0	97	233. 5	קיקי
Other manufactures of iron and steel wire, except wire mattresses and springs	15. 2	2,080 944	38 {	Th. tons 11.5	7713 402	Th. tons 16.3	867 79
Total manufactures of iron and steel wire		21,796			7,321	equilibriand of	5, 512
Brass (including all alloys of copper but excluding nickel alloys other than nickel silver) (g)					gapaa) sa	or the ald	o angle
Wire in coils	22	197	8. 1. 8.08			(eldas, dem	39183
Of brass					ghlomi o	it .palis.	i stil
Circular section, thinner than No. 20 gauge (S.W.G.)	3.1	676	16		sainevier	deem lenous	Bexe
Circular section, No. 20 gauge (S.W.G.) and thicker	12.7	2, 163	13	9.0	717	7.6	475
Other descriptions (including stranded wire)		9	or the state of th		Da de pu	(b) (başıı	oes on
Of other alloys of copper	ALL SE		1 33				
Circular section, thinner than No. 20 gauge (S.W.G.)	0.7	228	13		01 05 00	05 , 2000 - de	
Circular section, No. 20 gauge (S.W.G.) and thicker	2.5	535	7	5.0	491	4.2	303
Other descriptions (including stranded wire)	0.6	124			200 20000	noi	

TABLE 8 (contd.)

TABLE 8 (contd.)		1		Maritimes argues and a province department and		(spanos)	B RIBAT
(d) detail (d) took		1948 (a) Sales		1937 Pro du		1935 Produc	
	Quantity	Value	Entries	Quantity	Value	Quantity	Value
Brass (including all alloys of copper but excluding nickel alloys other than nickel silver) (g) (Contd.)	Th. tons	£1000	No.	Th. tons	£1000	Th. tons	£' 000
Wire in coils (contd.)							
Unclassified	6.2 Th.sq.ft.	1, 125	84	Th. sq. ft.	-	Th. sq. ft.	la serie
Paper machine wires	363 2,782 Th. cwts. 9.1	59	6	2,396	201	2, 125	173
Woven wire cloth, gauze, fabric, screening sieving lawn or meshing, square and rectangular mesh, other than paper machine fourdrinier wires (c)				Th. cwts.		Th. cwts.	
Mesh from 2 and up to { 30 per lineal inch	5. 1	117 85	} 13			solTionalbi	
Mesh from 30 and up to { 100 per lineal inch	5.1	273 64	} 12	7.7	87	4.9	65 (e)
Mesh over 100 per {	1.2	65 26	9			A Sadom	enoraciae ana-miga
Other manufactures of brass {	15. 2	228 59	} 29	21.1	148 {	12.1	88 11
Total brass, etc. wire and manufactures thereof		6, 315	••		1, 644	edi tel	1, 115
Copper Wire in coils (including uninsulated electric wire)	Th. tons			Th. tons	(nefficial)	Th. tons	Teref
Circular section						Fig. Despis	
Thinner than No. 20 gauge (S. W. G.)	14.5	2, 549	19	20.2	1, 550	12.8	765
No. 20 gauge (S. W. G.) and thicker	41.8	6, 572	23	72.6	5,052	60.0	3,032
Unclassified	15.2	2, 60 1 1, 174	7	-			2.AT _ FA)
Other than circular	13. 2	2,553(h)	12	6.9	526	4.5	257
Stranded wire	14.5 Th. cwts.	2,629 1,061	25	3.6 Th.cwts.	279 (e)	Th. cwts.	(d)
Wire cloth	4.8	118	12	3.5	31	4.3	36(e)
Other manufactures of copper wire	5. 4	104 53	33	17. 5	60	33. 2	91(1)
Total copper wire and manufactures thereof	The Assessment	19,414		Th ton-	7,498	Th. tons	4, 181
Aluminium	Th. tons			Th. tons	the reagon	in, cons	ioni (1)
Wire	3. 6	759	24	1.5	178	0.7	89
Manufactures of aluminium wire	0.6	165	18	••	(d)	••	(d)

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

Larger establishments

TABLE 9		1948 (a)			(b) ction	1935 Produc	
	Quantity	Sales Value	Entries	Quantity	Value	Quantity	Value
	Th. tons	£1000	No.	Th. tons	£1 000	Th. tons	£1000
Iron and steel wire (except insulated wire)					024	pain balana	antho
Single strand (except fencing wire)	e. 4	28841 1 4411.1				engobe tell	
Mild steel	80.2	2,354	8	0.4	7	of buchuch	
Other	1.8	141	5	0.2	13	4.0	110
Other kinds (including fencing and barbed wire)	0.5	18		_	_ (29)	05 20 2024	TopitalesM
Total iron and steel wire (except insulated wire)	82.5	2,513	••	0.6	20	4.0	110
Manufactures of iron and steel wire	no offi		ener				
Wire cable and rope (except insulated telephone and telegraph cable)	2.0	187	5	2.5	117	2.1	95
Wire netting, wire fencing and wire mesh (excluding hexagonal mesh galvanised; woven wire cloth, etc. mesh from 2 up to 30 per lineal inch and mesh from 30 up to 100 per lineal inch; and reinforcement	1.5	340		2.6	Alsten 88	4.2	To structure to st
fabric) Wire brushes	Th. doz. 159.6 Th. tons	270	35	Th. doz. 40.6 Th. tons	27	Th. doz. 30.4 Th. tons	20
Other manufactures of iron and steel wire, except wire mattresses and springs	40.4	1,612 216	} {	6.9	276 19	5.9	232
Total manufactures of iron and steel wire		2,625			522	w belilest!	461
Brass (including all alloys of copper but excluding nickel alloys other than nickel silver) (d)		840.	1		75- X	(a) soldel	moo mo
Wire in coils	6.2 Th. cwts.	1,125		8.7 Th. cwts.	730	6.9 Th. cwts.	432
Manufactures of brass etc. wire	10.5	159 .13	9	11.4	58	6.9	40
Total brass, etc. wire and manufactures thereof	IL <u>leadin ne</u>	1,298	e of copp aniw f beviese	other allo trainminica of amount	788	include sor include sor inclus vimu int charged	472

TA	BL	E	8	(co	n	td	.)	

TABLE & (COULTAIN)							
to see the contract		1948 (a) Sales	28-12 4-23	1937 (Product		1935 Produc	
	Quantity	Value	Entries	Quantity	Value	Quantity	Value
Nickel alloys	Th. cwts.	£¹ 000	No.	Th. cwts.	£1000	Th. cwts.	£! 000
Wire	58.7	1,675	20	••	(d)	des) • states	(d)
Wire cloth	1.3	83	7	1.6	49	0.8	27(e)
Other manufactures of nickel alloy wire	0.4	76	10	••	(d)	ernaffor	(d)
Nickel wire	2.9	87 10	} 11			Adjoin en	A REVOL
Wire of other non-ferrous metals (excluding precious {	31.3	456 367	24	44.7	587	34.0	456
Wire of unclassified metals and alloys	55.4	469 22	8	_	\$2°3		1 as 2
Manufactures of wire of non-ferrous metals other than brass, copper and precious metals	-	- 3	{	8.1	53 17	5.8	21
Manufactures of wire of unclassified metals	-	- 6	{	31. 4	118 66	17.1	60 98
Work done for the trade or on commission (j)		454	63		145	or secur	76
Total		76,621	· · · snec		28,040		18,525
Less sales (or production) in other trades (see table 9)		17,643	••		6, 222	20 fa 20 is.	3,999
Total principal products of this trade sold or made by establishments in the trade		58,978	259		21,818	Managa Managa	14,526

- (a) Great Britain only.
- (b) United Kingdom.
- (c) Described as "Wire cloth" in 1937 and 1935.
- (d) Not recorded separately.
- (e) So far as recorded separately.
- (f) Described as "Wire nails (including staples)".
- (g) Described as "Brass and other alloys of copper other than nickel alloys" in 1937 and 1935.
- (h) May include some strip.
- (i) Including some copper wire.
- (1) Amount charged in 1948 and amount received in 1937 and 1935.

TABLE 9 - (contd.)

TRULE 3 - (CONTEGE)	<u> </u>						
	ezn	1948 (a) Sales	arger es	1937 Produ		1935 Produ	
	Quantity	Value	Entries	Quantity	Value	Quantity	Value
	Th. tons	£'000	No.	Th. tons	£'000	Th. tons	£'000
Copper	Truck Solvin	Value E	l valting	100-			
Wire in coils (including uninsulated electric wire)		00013	- enot	ANG N	AB Tering	stedickire insalated	one that tracte)
Circular section	26.6	4,285 1,174	$\}$	56.2	3,902	42.9	2,304
Other, including stranded wire and wire not in coils	14.0 Th. cwts.	2,621(e) 1,061	}	1.3	106	1.0 Th. cwts.	46
Manufactures of copper wire	1.1	32 31	} •	16.1	52	7.4	18
Total copper wire and manufactures thereof		9,204	W 8.88		4,060	inacit digo	2, 368
		The state of the s			THE RESERVE THE PARTY OF THE PA	TO THE RESIDENCE OF THE PARTY O	
	Th. tons			Th. tons		Th. tons	sitiv
Aluminium wire and manufactures thereof	Th. tons 1.7 Th. cwts.	397	8	1.0 Th. cwts.	133(f)	or bas sice	oriw salw Luani Relaj
	1.7	397 1,003 367	8	1.0	133(f) 553	or bas sice	501(f)
manufactures thereof Wire of nickel, nickel alloy and other non-ferrous metals	1.7 Th. cwts.	1,003		1.0 Th. cwts.	saladal e	or base star	501(f)
manufactures thereof Wire of nickel, nickel alloy and other non-ferrous metals (except precious metals) Wire of unclassified metals	1.7 Th. cwts. 50.3	1,003 367 155	}	1.0 Th. cwts.	saladal e	or base star	501(f)
manufactures thereof Wire of nickel, nickel alloy and other non-ferrous metals (except precious metals) Wire of unclassified metals and alloys	1.7 Th. cwts. 50.3	1,003 367 155	}	1.0 Th. cwts.	saladal e	2.1	bas sexad devow hear const apons doni trast doni trast doni
manufactures thereof Wire of nickel, nickel alloy and other non-ferrous metals (except precious metals) Wire of unclassified metals and alloys Manufactures of wire Of non-ferrous metals other than brass, copper and precious metals Of unclassified metals	1.7 Th. cwts. 50.3	1,003 367 155 22	} ·· } 5	1.0 Th. cwts. 41.0	553	or base star	501(f) - 62 8
manufactures thereof Wire of nickel, nickel alloy and other non-ferrous metals (except precious metals) Wire of unclassified metals and alloys Manufactures of wire Of non-ferrous metals other than brass, copper and precious metals	1.7 Th. cwts. 50.3	1,003 367 155 22	} ·· } 5	1.0 Th. cwts. 41.0	553 - 23 95	2.1	62

(a) Great Britain only.
(b) United Kingdom.
(c) Not recorded separately.
(d) Described as "Brass and other alloys of copper other than nic.
(e) May include some strip.
(f) Excluding manufactures of aluminium wire.
(g) Amount charged in 1948 and amount received in 1937 and 1935. Described as "Brass and other alloys of copper other than nickel alloys" in 1937 and 1935.

WIRE AND WIRE MANUFACTURES

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

TABLE 10

Parcentage		3 (a) Les		7 (b) action	1935 Produ	(b)
teres to the sales	Quantity	Value	Quantity	Value	Quantity	Value
Manufactures of iron and steel	Th. tons	£' 000	Th. tons	£1000	Th. tons	£' 000
Wire rods	18.9	399	39.0	419	33.8	297
Other semi-finished iron and steel	8.4	445	4.2	128	2.8	77
Springs	4.0	336	4.4	160(c)	meninesto se.	163(c)
Fencing materials of cast or wrought iron	1.3	54 106	1.2	26	les re-place.	46
Other manufactures of iron and steel	4.0	382 6	7.4	178 143	}	192
Manufactures of other metals		2000	denlasede tob	re ed (agen)	near ac) sels	
Rods, sections, shapes, plates, ingots, and wire not in coils				301	Taton Benke atte	
Of brass (including all alloys of copper, but excluding nickel alloys			Carlonye	Lawersvo LI	10872D 05316VL	Exports 1
other than nickel silver) (d)	5.0	804	1.8	169	talasca alar	77
Of copper and other non- ferrous metals	• •	1,447	esus trodaua (as de	996	emrievoù e (u)	480
Other manufactures		42		42	terresdes auso	31
Scrap and by-products sold			ovinsuative of	enio has it	STREET DIN (FERRET)	entiller Secretor
Scrap metals					cinominana an	a Nacional
Iron and steel	28.2	170	28.6	85	23.7	56
Brass	0.7	58	0.2	10	0.5	14
Copper	3.0	333	2.2	116	1.1	37
Zinc	4.4	145	3.6	47	2.4	19
Other metals	3.8	127	0.4	16	0.3	6
Concentrates, metallic residues, wastes, etc.	0.4	23 10	0.8	18	1.1	9
Other goods		585		214	••	90
Work done (e)		67	18	22	awatan a eath	20
Total		5, 538		2,789	••	1,614

(a) Great Britain only.

(b) United Kingdom.

(c) Described as "Coil springs".
(d) Described as "Brass and other alloys of copper, other than nickel alloys" in 1937 and 1935.
(e) Amount charged in 1948 and amount received in 1937 and 1935.

Analysis of sales, 1948

Larger establishments in Great Britain

TABLE II

TABLE II						
				150	Sales	Percentage of total
0/A/A/ - 12 - A/2 C2-115(6) 1	\$2.1.EV	AND ASSESSED	(0.74.8V)	7		sales
				Edot at T	£1 000	and to assure these
Sales (or transfers) to o control	ther organis	sations under	the same	S.E.		Apos estim
Productive works				4,8	6,497	10.1
Export sales organisatiabroad)	ons (includ	ing branches		10.4	193	0.3
Other wholesale or sell	ing organisa	ations		3.7		Penelog Batefials or wrought tron
Retail shops, etc.					529	0.8
Total sales (or trans under the same contr		ner organisat	lons		7,219	11.3
Sales to independent buye	rs					after at the
Exports invoiced direct	ly overseas				5,079	7.9
Exports invoiced to Crown houses in this country governments abroad	wn Agents ar of individu	nd purchasing ual firms and		n.a	1,744	2.7
His Majesty's Governmen (other than productive			204 J		654	1.0
Manufacturers, repairer utilities, and transpo- undertakings			lc		37,799	59.0
Wholesalers, merchants resale	and other ag	gents for		5/88	5,068(a)	7.9
Retailers, including mu		s, caterers		N. 18-0		0.4
and N.A.A.F.I. for res		200		0.8	1,320	2.1
Other businesses (including institutions of all king		s) and		3-2	1,743	2.7
Members of the public,	including en	nployees		3.0	76	0.1
Unclassified				4.4	3, 355	5.2
Total sales to indepen	ndent buyers	3		nickel all	56,837	88.7
Total .		TOTAL TOTAL		986a	64,056	100.0

⁽a) Of this total £3,007,000 was recorded as divided between £1,180,000 for export and £1,826,000 for other sales.

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

		Production (b)	Exports (c)	Retained imports (d)
Iron and steel wire (except insulated wire)		Th. tons	Th. tons	Th. tons
Single strand			ACCORD 100 100 100 100 100 100 100 100 100 10	
Fencing	{ 1948 1937	23.1(e) 15.3(j)	2.6 10.9	2.1
Other	{1948 1937	580.3(e) 458.0(j)	28.1 42.1	19.7 13.3
Strand of two or more ply	1948	20.3(e)	1.8	0.1
Brass wire in coils		1784888	aroner arow control	on only determine
Circular section	1948	14.5(e)(f)	0.9	
Other descriptions (including stranded wire)	1948	- "	0.7	0.1
Total brass wire	{ 1948 1937	14.5(e)(f) 9.0(j)	1.5 0.6	0.1 2.3
Wire of other alloys of copper in coils (excluding nickel alloys other than nickel silver)		A STATE OF THE STA	Tile leerth digs to	
Circular section	1948	3.2(e)(f)	0.6	
Other descriptions (including stranded wire)	1948	0.5(f)	0.8	
Total wire of other alloys of copper	{ 1948 1937	3.6(e)(f) 5.0(j)	1.4	0.1
Total wire of brass and all other alloys of copper	{ 1948 1937	24.2(e)(g) 19.6(e)(h)	2.9 1.1	0.1 2.4
Copper wire in coils (including uninsulated electric wire)		BAGE 2	mont treat in	
Circular section	{ 1948 1937	148.0(e) 153.8(e)(1)	18.6 10.9	0.1
Other than circular section (including strip not exceeding 6 ins. in width)	{ 1948 1937	9.8 6.9(j)	1.7 0.3	0.1 0.1
Aluminium wire	1948	6.3	1.1	are in being to
Nickel alloy wire	{ 1948 1937	2.7(e)	0.6	teleton 10101 (a)
Manufactures of iron and steel wire		resto ente ente	top all abile tonic.	
Wire cable and rope (except insulated telephone and telegraph cable)	{ 1948 1937	89.8(j) 82.0(j)	27.1 19.7	0.1
Wire netting, wire fencing and wire mesh of all kinds			autgels balel	
Hexagonal mesh, galvanised	{ 1948 1937	22.7(j) 18.6(j)	4.9 7.0	0.3
		Th. cwts.	Th. cwts	Th. cwts.
Pot scourers made wholly or partly of woven or knitted mesh	1948	7.6(j)	1.0(k)	

Purchased materials and fuel Larger establishments

DS 6783/1

	1948	(a)	1937 (b)	1935 ((b)
	Material fuel pur		Usage	of purcha	ased material fuel	.s
	Quantity	Cost	Quantity	Cost	Quantity	Cost
national products - 1 / / / /	Th. tons	£1000	Th. tons	£1000	Th. tons	£'000
aterials (W +RW			(2101230919	age teur
Iron and steel	V24 432	ar				LACO
Billets	200 3.	3 9.5	178		4,8/19/19	CONGO
Of alloy steel.	8.5	313				344
Other	47.1	735	132.0	1,066	106.6	719
	And 10 sou	637	17.0	210		/10
Bars and rods (other than wire rods)	22.5		17.9	219) coa renao	1000
Wire rods	<u></u>	11,444	480.5	5,048	396.1	3, 393
Wire	175.1	7,290	126.4	2,918	104.5	2,043
Copper	76 60				n dean had	oneth
Wire rods	41.6	5,755	14.3	879	aotto pot	PAGE .
Wire	1.3	214	1.1	58	52.8	1,90
Other kinds	32.4	4,280	56.1	3, 257	bounder	ega pr
Brass (including all alloys of copper but excluding nickel alloys other than nickel silver) (c)	882 488	11.0 12.1		The state of the s	rive repre	nogga norti
Wire rods	7.3	1,014	0.3	25	Year Louisia	10 200
Wire	3.6	733	2.6	225	2.8	180
Other kinds	7.4	857	1.0	44	fort she a	10000
Aluminium	SET SA		7 24 200		alor	1.400
Wire rods	3.5	437	7 3,000	1	clasted de	7. 10.
Wire	0.6	97			modenil bed	mu (d
Nickel word too week at the total	0.8	169	ceper alion	bhs agar	i sa bedino	ed (s
Nickel alloys	1.4	401	exagos pela	dade don	Laur anther	01 (0
	12.3	919		2, 113	recorded av	1,526
Zinc or spelter	35 anw 8401	359	autology of	o to the	cases leads	015 (1 S
	Th. cwts.		erro	ear was	r as bedian	. S. (S.
	,	199			, ,	
Cores of jute, hemp etc.	22.6	106				

IA	BL	E	12	(con	td.

					Datainai
		Pr	oduction (b)	Exports (c)	Retained imports (d)
Manufactures of iron and steel wire (contd.)			TOP OF THE PARTY OF THE		
Wire netting, wire fencing and wire mesh					
of all kinds (contd.)					
Woven cloth, gauze, fabric, screening,					
sieving lawn or meshing, square and rectangular mesh (other than mesh for	N ATT			The section of the section of	
pot scourers)			£'000	£1000	£1000
Mesh from 2 and up to 30 per lineal					poetra otenta
inch	1948		388(j)	141	Penetro
Mesh over 30 and up to 100 per	DE-EL		1937		
lineal inch	1948		462(J)	29	8
Mesh over 100 per lineal inch	1948		2(j)	7	
Other	1948		3,486(1)	586	10
Total wire netting, wire fencing	1948		4,491(J)	783 (k)	18(k)
and wire mesh of all kinds, other than hexagonal mesh, galvanised	1937		493(j)	158(1)	24(k)(1)
			Th. tons	Th. tons	Th. tons
Nails and tacks (including staples	1948	-	71.4(j)	7.7(m) 4.3	0.8 18.2
other than insulated) made from wire	[1937		72.3(j) (m)	4.0	10.2
Manufactures of brass wire (including wire of all alloys of copper, but excluding					
nickel alloys other than nickel silver)			Th. sq. ft.	Th. sq. ft.	Th. sq. ft.
Denom machine utimos	∫1948		3,145(j)	1,080	73
Paper machine wires	1937	-	2,396(j)	490	1,080
Woven wire cloth, gauze, fabric,				(inclocing strait)	
screening sieving lawn or meshing, square and rectangular mesh, other					
than paper machine fourdrinier wires			£1000	£1000	£1000
Mesh from 2 and up to 30 per lineal					
inch	1948		202(j)	101	to onthe Little
Mesh over 30 and up to 100 per			TO THE REAL PROPERTY.	The state of the s	WWW.WW.BWOLLER
lineal inch	1948	1	338(j)	95	1 to 5 1 1 1 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Mesh over 100 per lineal inch	1948		91(j)	15	

 ⁽a) Figures of 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) Including sales (or production) by establishments classified to other trades.

table. The figures, therefore, are not strictly comparable.

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

(c) Valued f.o.b.

(d) Valued c.i.f.

(e) Total weight of wire drawn, less amount re-drawn from purchased wire.

(f) So far as recorded separately.

(g) Including 6,000 tons of unclassified wire of brass and other alloys of copper.

(h) Including wire other than in coils.

(i) Including wire other than in coils and wire other than of circular section.

(j) Sales in 1948 and production for sale in 1937.

(k) The overseas trade figures include pot-scourers of other than iron and steel mesh.

(l) Excluding pot scourers.

(m) Including insulated staples.

TABLE 13 - (contd.)

1948	(a)	1937 (b)	1935 (b)		
Material fuel pur	s and chased				S STEAT	
Quantity	Cost	Quantity	Cost	Quantity	Cost	
Th. cwts.	£1000	Th. tons	£1000	Th. tons	£'000	
, Jaco	543					
00013	4,409					
Th. tons						
153.7	417	234.2	241	211.5	184	
27.5	108		(e)	28.0	32	
Th. B.T.U. (kW. hrs.)	488.03	Th. B.T.U. (kW. hrs.)		Th. B.T.U. (kW. hrs.)		
245, 654	806	1				
		115,882	277	84,451	209	
6,384	27			amor a	SAUM .	
Th. galls.	P. Land			Th. galls.		
389	37	1	(e)		(e)	
30	2		(6)	abos	(6)	
970	39		(e)	1, 190	19(g)	
Th. therms.				Sputs 5	5.20	
11,054	338	1 100000 10	egolia 4	(a goravient)	semā_	
1	7		15.4	tevilla lambia		
}	21	••	174	elion	(e)	
200	10	January	Establish States	TOT THE UNIT		
V28 4 (1)	29	-	_		-	
	42,752		16,544	aux)	10,206	
	Material fuel pur Quantity Th. cwts. Th. tons 153.7 27.5 Th. B.T.U. (kw. hrs.) 245,654 Th. galls. 389 30 970 Th. therms. 11,054	Th. cwts. \$.1000 543 4,409 Th. tons 153.7 417 27.5 108 Th. B.T.U. (kW. hrs.) 245,654 806 6,384 27 Th. galls. 389 37 30 2 970 39 Th. therms. 11,054 338 656 7 21 10 29	Materials and fuel purchased Quantity	Materials and fuel purchased Quantity	Materials and fuel purchased Usage of purchased and fuel Quantity Cost Quantity Cost Quantity Th. cwts. £'000 Th. tons £'000 Th. tons 543 643	

- (a) Great Britain only.
- (b) United Kingdom.
- (c) Described as "Brass and other alloys of copper other than nickel alloys" in 1937 and 1935.
- (d) Including fuel not specified separately.
- (e) Not recorded separately.
- (f) The total quantity of electricity consumed in 1948 was 255, 370,000 B.T. units including 3,332,000 generated in the same works.
- (g) 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				
(a) apergraphe inc	At beginning	At beginning of year		f year
(b) 8591 (b) 7391 (c) 8491 (b) 19821 (A) 1938 (d)	Quantity	Value	Quantity	Value
	Th. tons	£1000	Th. tons	£1000
Finished products	721 928,3	398,8	B6D*T	
Iron and steel wire (except insulated wire), single strand, other than fencing	3,362	301.109	802 80	
Mild steel	6.5	173	7.8	208
Other	3.2	126	3.4	145
Iron and steel wire cable and rope (except insulated telephone and telegraph cable)	9.7	534	8.7	506
Copper wire in coils (including uninsulated electric wire)	0.8	86	0.9	128
CPE-652 CPE-675 CPE-685 DPE-68	TO THE PROPERTY	536	\$15,03	643
Other finished products	000/3		00013	
Work in progress		1,659		1,982
Total finished products and work in progress		3 , 115	200.50	3, 612
Tropaga on spalities else actions of the applying of the apply	(S (D) 030 CB3 (30	the the sales	oldan one nable	iobaravata
Materials and fuel	(Jess oue anno	on edurance	maine for mora	la Long To
Iron and steel billets, bars and rods (other than wire rods)	8.3	187 42	9.3	248 30
Iron and steel wire rods	20.8	467	34.1	806
Iron and steel wire	16.0	657	20.1	834
Copper wire rods	1.6	177	1.9	256
Other descriptions of materials and fuel	0 000 0000 c	2,368	est Those works	2, 688
Total materials and fuel		3,898	saon ao Gâi s	4,864

Employment and remuneration (a)

Larger establishments

TABLE 15

1201 10	Average num	nber of ope	eratives	Administrative, technical and clerical employees (b)			Total		
	1948 (c)	1937 (d)	1935 (d)	1948 (c)	.1937 (d)	1935 (d)	1948 (c)	1937 (d)	1935 (d)
Males	in come	00019	en	o lat					
Under 18	1,099	2,665	2,218	117	145	133	1,216	2,810	2,351
All ages	23, 198	20, 195	17,777	3, 362	1,931	1,649	26,560	22, 126	19,426
Females						- antan	of anna a	use spitteds	e blante
Under 18	623	1,504	1,406	395	180	121	1,018	1,684	1,527
All ages	6, 316	4, 168	3,778	2,070	952	741	8,386	5, 120	4,519
Total	V-Bi-	220		Sales Asset N	3 de	Kall ogen	one elcas:	entw leets domgeles b	paelimani baelimani
Under 18	1,722	4, 169	3,624	512	325	254	2, 234	4,494	3,878
All ages	29,514	24, 363	21,555	5,432 (e)	2,883	2, 390	34,946 (e)(f)(g)	27,246	23,945
see a mile	£'000	tab (i		£1000			£'000	In Baint	ong at mag
Total remuneration	8,832			2,427	••	••	11,258	••	••

(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
Other workers

10 males 240 males 362 females 83 females

- (b) Number at September 25, 1948, October 16, 1937, and October 12, 1935.
- (c) Great Britain only.
- (d) United Kingdom.
- (e) There were, in addition, 28 working proprietors (26 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 £279,000.
- (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'

101

buildings, but not plant

101

82

Research work not directly connected with current production however

In addition to the employees in the above table the firms in this trade employed 7 male and 170 female outworkers in 1948, the amount paid to them being £12,000. Similar information is not available for 1937 and 1935.

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

TABLE 16

	Amount	mount Establishments making returns for the calendar year						
TABLE 21	paid by all	0	Percentage of annual remuneration paid in					
elseogeld	establish- ments	Amount paid	First quarter	Second quarter	Third quarter	Fourth quarter	Year	
00012	£1000	£1000	CONTRA					
Wages and salaries of	13		908.45		grentners	one divide		
Operatives	8,832	5, 191	23.8	24.7	24.9	26.6	100.0	
Administrative, technical and	74		13,488	LEJE .				
clerical employees	2,427	1,408	24.4	24.0	24.5	27.1	100.0	
Total	11,258	6, 599	23.9	24.5	24.8	26.7	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 £453,000.

Payments for certain services, 1948

Larger establishments in Great Britain

			Amount paid	
Repair and mainter	nance	old bulldings shd isnd he	1000 £1000	
Of buildings Of plant, machine Unclassified	ery and vehicles		152 464 286	
Hire of plant, mach	inery and vehicles		15 had an 38	
Advertising and man	rket research		v antiles (1)	
Other advertising	ewspapers, magazines and periodicals g services (poster display, despatch) and market research		36 12 60	
Payments made for i	research work		bns I Sunthedi	
To research associately, similar agencies To other commerciates.	institutions, academic bodies and s		1 4	
Postage, telephone,	, telegrams and cables		108	
Commercial insurance Rates (excluding was	ce premiums ater rates) payable in the year		123 49	(6)
		A SA NAMES AS A SA	We as a series of the last of the series of	60000

Plant, machinery and vehicles acquired and disposed of, 1948

Larger establishments in Great Britain

TABLE 19

	Acq	Dianasala	
Carter quarter quarter	New	Second-hand	Disposals
	£1000	£1000	£1000
Plant and machinery	1,309	61	61
Vehicles	144	30	34
Total	1,453	91	95 avata

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

Larger establishments in Great Britain

TABLE 20

TADLE	20			
	1.	Capital expenditure on building work (a)	£1000	£1000 495
	2.	Existing buildings and land (b)		
		(1) Capital costs of freeholds bought	21	
		Estimated capital value of		
		(11) Rented property newly occupied in the year (c)	31	
		(iii) Leasehold buildings and land newly occupied in the year	149	
		Total of heading 2		201
		Total of headings 1 and 2	Codarno, or from	696
	3.	Existing buildings and land relinquished (d)		
		(1) Selling value of freeholds sold		
		(11) Estimated value of other properties relinquished	24	
		Total of heading 3		24
	4.	Headings 1 and 2 less heading 3	A Thank Horsees Told	672

- (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.

1948

Summary

Larger establishments

TABLE 21

Teom and tree! upre (anders)	England	Wales	Scotland	Great Britain
	£1000	£1000	£'000	£'000
Gress output (production)	57, 688	1, 631	4, 514	63, 832
Cost of materials and fuel used	38, 264	1,081	2,442	41,786
Payment for work done on materials given out	417	3	33	453
Net output	19,008	547	2, 038	21,593
Wages and salaries of persons employed	9,887	317	1,054	11,258
Count kinds while the individual visual as amider hobita	No.	No.	No.	No.
Average number of persons employed (a)	30,192	1,008	3,774	34, 974
	£	2	2	2.
Net output per person employed (a)	630	543	540	617
stool wire	2,000	£1000	2,000	£,000
Stocks at end of year				
Finished products and work in progress	3, 262	116	234	3, 612
Materials and fuel	4,175	168	521	4,864
	No.	No.	No.	No.
Number of establishments	241	13	23	277

(a) Excluding outworkers.

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

	square and rectangular mean (other than about	England	Wales	Scotland	Great Britain
		£'000	£'000	£1000	£1000
C	utput of firms in this trade		(0)	The Sense	1
	Total value of sales (see Table 23)	58, 357	1,621	4,539	64, 517
	Adjustment for changes in stocks and work in	9h-40		21, 30, 31,	
	progress	+ 436	+ 42	+ 19	+ 497
		58, 793	1,663	4,558	65, 014
	Less payment for transport by other firms	1, 105	33	45	1,182
	Gross output (production)	57, 688	1,631	4,514	63, 832
1	aterials and fuel used by firms in this trade				
	Purchases (see Table 24)	39,009	1, 135	2,608	42,752
	Adjustment for changes in stocks	- 745	- 54	- 167	- 966
	Materials and fuel used	38, 264	1,081	2,442	41, 786
State of Sta					

Summary

Small firms

TABLE 22

		rinom	England and Wales (a)	Scotland	Great Britain
Number of returns			162	16	178
Average number of pe	rsons employed	(b)		-1.000 -1.000	21000
Males			738	69	807
Females			207	1	208
Total		AIV	945	70	1,015

- (a) Owing to the risk of disclosure of information relating to individual firms separate particulars for Wales cannot be published.
- (b) Including working proprietors.

Sales in the trade Larger establishments

	England and Wales		Scot]	land	Great I	Britain
000'a anot at 000'	Quantity	Value	Quantity	Value	Quantity	Value
Principal products	Th. tons	£1000	Th. tons	£!000	Th. tons	£1000
Iron and steel wire (except insulated wire)					(contos)	plw Issae
Strand of more than two ply, other than of mild steel (except fencing and barbed					ed for conce	SALES THE SALES
wire)	0.9	77	-	-	0.9	77
Single strand (except fencing wire)					1003	und salw .
Mild steel	305.8	10,840	3.3	121	309.1	10,962
Other	171.5	10 070	0.5	691	146.5	9,384
Other kinds (including fencing and barbed wire)	171.5	10,232	9.5	091	34.5	1,540
Total iron and steel wire	478.2	21, 150	12.7	812	491.0	21,962
Manufactures of iron and steel wire					In Managaran	viii) coma
Wire cable and rope (except insulated talephone and telegraph cable)	73.4	7 174	14.6	1 404	87.9	In Involu
Wire netting, wire fencing and wire mesh of all kinds	/3.4	7, 134	14.5	1,404	87.9	8,539
Hexagonal mesh galvanised	22.7	1,750		_	22.7	1,750
Woven wire cloth, gauze, fabric, screening	ε,					
sieving lawn or meshing, square and rectangular mesh (other than mesh for pot-scourers)				, as	re sloth, gel coreeling lawn or nect	ov nevod olimiel alvele
					Th. sq. ft.	DESCRIPTION OF THE PERSON OF T
Mesh from 2 up to 30 per lineal inch		(a)	311. 500.0	(a)	5,416 Th. tons 1.3	278
3 to 1 2 (a)	Th. sq. ft.		Th.sq.ft.	00	0.9 Th. sq. ft.	111
Mesh from 30 up to	276	} - 1	2,077 254	60 r	2,077 529	60
100 per lineal inch	Th. tons	[25]	Th. tons	5 25	Th. tons	50
A STATE OF THE STA	2.7	352	-	- ,	2.7	352
Reinforcement fabric	••	(a)	••	(a) {	38.5	1,666 174
Other (including woven wire cloth etc. mesh	4,11 44			inon!	Leantl 19 1000	Of deve
over 100 per lineal inch; pot scourers made wholly or partly					LOJE apage	Sta .
of woven or knitted mesh; and chain link fencing)		(a)		(a)	36.2	1,459

TABLE 23 (contd.)

IABLE 23 (contd.)												
	E	England and Wales				9 71	Scot	Land	Great 1	Great Britain		
Great Britain	Qua	ntity	Valu	ue		Qu	antity	Value	Quantity	Value		
Principal products (contd.)	Th.	tons	£100	00	8	Th	. tons	£1000	Th. tons	£'000		
Manufactures of iron and steel wire (contd.)									del wire (exce	Arineipai puo iron and si		
Wire rods and bars purchased and fabricated for concrete reinforcement (b)			(:	a)	The property of the second sec		••a•a	(a)	25.2 Th. doz.	775 78		
Wire brushes		••	(a)			••	(a)	167.1 Th. tons	191		
Other manufactures of iron and steel wire (except wire mattresses { and springs)		44.2	2,8 70	39 01			2.0	121 26	46.2	2 , 960 727		
Total manufactures of iron and steel wire		T.	17,3	28	V.	v1S	3.878	1,844	Laers bus not	19,172		
Brass (including all alloys of copper but excluding nickel alloys other than nickel silver)			· · · · · · · · · · · · · · · · · · ·						and non and and and and and and and and and an	riw 19943 (dao arib Japake) (ongalos		
Wire in coils	±1.	8.	(a)	8		73.4.	(a)	19.6 Th.sq.ft.	3,730		
Paper machine wires		••	(a)	B			(a)	363	59		
Woven wire cloth, gauze, fabric, screening sieving lawn or meshing, square and rectangular mesh, other than paper machine fourdrinier wires									r lawn or me ne	riant oq roj		
Mesh from 2 and up to 30 per lineal inch			(a)				(a)	5.1	117 85		
Mesh from 30 and up to 100 per lineal inch		andi		(a)			2003.	(a)	5.1	273 64		
Other manufactures of brass etc. wire, including woven wire cloth, etc. of mesh over 100 per lineal inch			((a)	The state of the s			(a) (5.8	133 71		
Total brass etc. wire and manufactures thereof			3, 8	303				1,214	enti men doi le scour- le de vitone le de vi	5,017		

TABLE 23 (contd.)

	England a	and Wales	Scot	cland	Great Britain		
	Quantity	Value	Quantity	Value	Quantity	Value	
	Th. tons	£'000	Th. tons	£'000	Th. tons	£'000	
Principal products (contd.)				9800			
Copper	Carrie Man		200 a	100			
Wire in coils (including uninsulated electric wire)					(,00000)	driesus reduc	
Circular section	••	(a)		(a)	44.9	7,437	
Other including stranded wire and wire not in coils (c)	13.8	2,562		983	13.8	2,562	
Manufactures of copper win		(a)		(a) {	9.1	189	
		(6)	• •	(a)		22	
Total copper wire and manufactures thereof	••	(a)	08 0.8	(a)		10,210	
Aluminium wire and manufactures thereof	••	(a)	•••	(a)	2.5	527	
	Th. cwts.		Th. cwts.		Th. cwts.	FREE ROOM	
Wire of nickel, nickel alloy and other non- ferrous metals (except precious metals)	41.4	1,212	2.9	162 {	44.3	1,374 10	
Wire of unclassified metals and alloys	47.7	314	3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 - 3 -	_	47.7	314	
Work done for the trade or on commission (d)		(a)		(a)		393	
Total principal products		54,681		4, 297	-i- salate	58,978	
Other output	Th. tons		Th. tons		Th. tons	Tapadro web tapatas	
Manufactures of iron and steel						COOR HOUSE	
Wire rods	18.9	399	••		18.9	399	
Other semi-finished iron and steel	••	(a)	noto appoint to a	(a)	8.4	445	
Springs	4.0	336			4.0	336	
Fencing materials of cast or wrought iron	1.3	54 106	}	{	.1.3	54 106	
Other manufactures of fron and steel	3.9	378 3	0.1	. 4 2	.4.0	382 6	

Purchased materials and fuel

Larger establishments

	tain	TABLE 24						
7.7	Volue		England a	nd Wales	Scotla	nd	Great Br	itain
V	Value		Quantity	Cost	Quantity	Cost	Quantity	Cost
2	£'000	Materials	Th. tons	£1000	Th. tons	£' 000	Th. tons	£1000
The second secon	ai eriv Lueniab	Iron and steel	TO THE ST				2	(deca)
		Billets	Lacut Adding		(55.35) (880)		e e su su conserva	
	U0123	Of alloy steel					8.5	313
Mo H	78330	Other	988 3.1				47.1	735
do a	alios etumen	Bars and rods (other than wire rods)	623.1	12, 638	19.0	491 <	22.5	637
		Wire rods					564.0	11, 444
AUG DO	804	Wire MILENIAN AND AND AND AND AND AND AND AND AND A	159.4	6, 488	15.7	803	175.1	7, 290
		Copper				0.00	(Totales) 12110	
1	1,447	Wire rods	41.6	5,755	_	_	41.6	5,755
	42	Wire	1.1	186	0.2	28	1.3	214
i a la l	is to easy	Other kinds		(a)	••	(a)	32.4	4, 280
	170	Brass (including all alloys of copper but excluding nickel alloys other than nickel silver)		98	ada	acto (sec	nical) long (inclu	
	58 333	Wire rods	7.3	1,014	amaili_dT	Care and Care	7.3	1,014
	145	Wire 450 Min	2.0	400	1.7	332	3. 6	733
		Other kinds	7.4	857	-	1 and 1 and 1	7.4	857
	127	Aluminium			080	Contract the	Die Ross sente	
	23	Wire rods	••	(a)		(a)	3.5	437
	585	Wire	0.5	94	-	3	0.6	97
10 93	67	Nickel	0.8	162	0.1	7	0.8	169
	box 4430	Nickel alloy	1.2	314	0.2	87	1.4	401
64	4,517	Zinc or spelter	Th.cwts.	(a)	Th. cwts.	(a) {	12.3	919
nonti	sal and	a plus seperate particulars	colvidat or an	lister cold	emptat 10 sau	e disclos	Th. cwts.	359
partic	culars	Cores of jute, hemp, etc.	16.1	152 67	6.5	47 39	22.6	199 106
	TO CASE	Packing materials	e is to valamen	485	SERVE WOLLEY	58	Caranaa 000 ga	543
		All other materials	THE SHIES AND THE	4, 138	OCO SELECT STREET	271		4, 409

TABLE 23 (contd)

TABLE 23 (CONTO)								
		En	gland a	nd Wales	Scot	land	Great B	ritain
Sing_off	000	Quan	tity	Value	Quantity	Value	Quantity	Value
		Th.	tons	£1000	Th. tons	£'000	Th. tons	£1000
Other output (contd.) Manufactures of other metals						\$ 1000 -	pipping) 311 princele bo 25.3	
Rods, sections, shapes, plates, ingots, and wi not in coils					36.23		rente viitbirio Li den sein la	
Of brass (including all alloys of copper but excluding nickel						, 5719 1	Jagas 10. augs	TOETHINEM
alloys other than nickel silver)	(9)		5.0	804	-	_	5.0	804
Of copper and other n ferrous metals	on.			1,447	-	_	·· bos or	1,447
Other manufactures				42			• •	42
Scrap and by products sol	d						Ionoth Tra	ota To entw
Scrap metals			0.0		in.i. Vii		TOBERST BEE	dency and
Iron and steel			27.3	167	0.9	3	28.2	170
Brass			0.4	43	0.2	15	0.7	58
Copper			3.0	332	_	1	3.0	333
Zinc				(a)		(a)	4.4	145
Other metals			3.7	125	0.1	2	2 8	127
Concentrates, metallic residues, waste, etc.			·· ENS	(a)	a ma	(a) {	0.4	23 10
Other goods				553	• •	32	• •	585
Work done (d)				67		_		67
Total		-		59,978	98 8.8	4,539		64,517

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

⁽b) So far as recorded separately.

⁽c) May include some strip.

⁽d) Amount charged.

TABLE 24 (Contd.)

TABLE 24 (Contd.)	leut bas.	staliata	Purchased m				
	England an	d Wales	Scotl	and	Great B	ritain	
	Quantity	Cost	Quantity	Cost	Quantity	Cost	
ntarbis deem in	Th. tons	£1 000	Th. tons	£' 000	Th. tons	£1000	
Fuel and electricity	Yalaneu	JB00	Manage Villanesso	Line 1	DET 13	dive .	
Coal	137.6	377	16.1	41	153.7	417	
Coke	24.8 Th.B.T.U. (kW.hrs.)	98	2.7 Th. B. T. U. (kW. hrs.)	10	27.5 Th.B.T.U. (kW.hrs.)	108	
Electricity purchased (b)	(AW. III S.)		(AW-III S-)		Jeeta verte	10	
From public supply	233, 768	760	11,886	46	245, 654	806	
From other sources	olei	850 51	1,500	ments m		STEEL .	
Electricity obtained from other works under the same ownership	6, 384	27	-	_ •	6, 384	27 entil	
Motor spirit (petrol) and derv. fuel	Th. galls.	284 (0.	Th.galls.		Th.galls.	Teggo	
Used for road vehicles	37.2	36	17	2	389	37	
Used for other power purposes	30	2	_	_	30	2	
Other oil fuel (including creosote/pitch mixtures)	956	38	14	1	970	39	
Gas purchased	Th. therms	1,014	Th. therms		Th. therms	ST.IM.	
From public supply	10,412	322	643	16	11,054	338	
From other sources	656	7	0-2		656	7	
Gas obtained from other works under the same ownership	J	21	2.0		0.14	21	
All other purchased fuel	••	10	a. a.e	-		10	
Materials and fuel, unclassified	1.0	29	8.0	_	••	29	
Total	O. S. Chis cuita.	40, 144	1.8 The swise	2, 608	TOLES	42,752	

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

Employment and remuneration

Larger establishments

TABLE 25

	England and Wales				Scotland		Great Britain			
	Average number of operatives	Admini- strative, technical and clerical employees (a)	To tal	Average number of operatives	Admini- strative, technical and clerical employees (a)	Total	Average number of operatives	Admini- strative, technical and clerical employees (a)	Total	
Males										
Under 18	915	106	1,021	184	11	195	1,099	117	1,216	
All ages	21,002	3, 107	24, 109	2, 196	255	2, 451	23, 198	3, 362	26, 560	
Females				oreside .						
Under 18	471	362	833	152	33	185	623	395	1,018	
All ages	- 5 , 208	1,855	7,063	1, 108	215	1,323	6, 316	2,070	8, 386	
Total										
Under 18	1,386	468	1,854	336	44	380	1,722	512	2, 234	
All ages	26, 210	4,962(b)	31,172 (b)(c)	3,304	470(b)	3,774(c)	29, 514	5,432(b)	34,946 (b)(c)	
	£'000	۵' 000	£1000	£1000	£! 000	£! 000	£! 000	£'000	£'000	
Total remuneration	7,989	2,216	10,205	843	211	1,054	8,832	2, 427	11, 258	

(a) Number at September 25, 1948.

(b) There were, in addition, 28 working proprietors (26 males and 2 females) in England and Wales. No working proprietors were recorded for 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 \$279,000; \$250,000 for England and Wales, and \$29,000 for Scotland.

In addition to the employees in the above table the firms in this trade in England and Wales employed 7 male and 170 female outworkers, the amount paid to them being £12,000. No outworkers were recorded for Scotland.

⁽b) The total quantity of electricity consumed in England and Wales was 241,965,000 B.T. units including 1,813,000 generated in the same works. The total quantity of electricity consumed in Scotland was 13,405,000 B.T. units including 1,519,000 generated in the same works.

Monthly index of employment of operatives: Larger establishments

(average employment in 1948 = 100)

TABLE 26

INDLE 20								-	
		Mon	thly index (a) beautiful	Comp. The toppies	Monthly index (a)			
Month		England and Wales	Scotland	Great Britain	Month	England and Wales	Scotland	Great Britain	
1948	1801	reio zavise	one Leave	Lebtrelu	1948		eriágo (2.5		
January		99.9	105.2	100.5	August	100.2	98.1	100.0	
February		99.7	104.0	100.1	September	99.5	97.9	99.3	
March		99.6	101.8	99.9	October	99.7	97.8	99.5	
April		100 • 1	101.4	100.3	November	99.9	98.0	99.8	
May		100.5	99.8	100.4	December	100.1	98.4	99.9	
June		100.8	99.4	100.7	Percentage employ-	de juin		at remai	
July		99.9	. 98.0	99.7	ment in this trade covered by the index	59.1	51.8	58.3	

⁽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.

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