

BOARD OF TRADE

# FINAL REPORT on the CENSUS OF PRODUCTION FOR 1948

Volume 11

Trade E

Sports Requisites

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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		A ATTACA AND A CONTRACT OF A C	

\* Not applicable to this trade

SPORTS REQUISITES TRADE

THIS REPORT on the Sports Requisites Trade relates to establishments engaged wholly or mainly in the manufacture and repair of balls, bats, rackets, sticks and other equipment for all kinds of sports, ice and roller skates, gymnastic equipment, fishing rods and tackle, gut for rackets and musical instruments, etc. The following are excluded: billiard and bagatelle tables and billiard room furniture; rubber goods, except golf balls and tennis balls ready for use; fishing hooks; fishing lines and nets, and sports nets.

This trade corresponds to minimum list heading 193 (2) in the Standard Industrial Classification.

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



#### OTHER MANUFACTURING INDUSTRIES SPORTS REQUISITES TRADE Summary

#### Larger establishments

TABLE !

	1948	1937	1935
	£1000 ·	£1000	£1000
Gross output (production)	5,902	2,882	2,827
Cost of materials and fuel used	2, 437	1,382	1,293
Payment for work done on materials given out	28	2	2
Net output	3,437	1,498	1,532
Wages and salaries of persons employed	2, 160	••	10088
ATARONIO STERNING ASSESSED TOTAL SAN	No.	No.	No.
Average number of persons employed (a)	8,345(b)	7,758	8,005
pide/a lacera actuals ness apen	£	\$	£ .
Net output per person employed (a)	412	193	191
The state of the s	£1000 ·	£1000	£'000
Stocks at end of year	d Tain Admini	07 1203 127 00	obstructiff
Finished products and work in progress	864	••	
Materials and fuel	866	••	
equipa bomb on spines at hebriers of	No. :	No.	No.
Number of establishments	132	•	141

(a) Excluding outworkers.

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

	1948	1937	1935
	£1000	£1000	£'000
Output of firms in this trade			
Total value of sales (1948) or production (1937 and 1935)			
Principal products (see Table 8) Other output (see Table 10)	5 <b>,</b> 234 486	2,730 152	2,688 139
Adjustment for changes in stocks and work in progress (see Table 14)	+ 209	••:	••
Less payment for transport by other firms	5, 929 27	2,882	2,827
Gross output (production)	5,902	2,882	2,827
Materials and fuel used by firms in this trade			
Purchases (see Table 13) Adjustment for changes in stocks (see Table 14)	2,504 - 67	1,382	1, 293
Materials and fuel used	2,437	1,382	1,293
DS 90949/1			1 100 100 100

#### Summary, 1948

#### Small firms in Great Britain

TABLE 2

e?	Number of ret	urns	t there i const	- Othertic	155	
13.	Average numbe	r of pers	sons employed	(a)	1 00013	
	Males Females			888	543 277	
mol	Total			hov	820	83

(a) Including working proprietors.

#### Estimated average employment, 1948

#### All firms in Great Britain

#### TABLE 3

	TABLE 3		To see I	anist 1	
	As returned by	firms			
	Employing on persons (a)	average more	than ten	00012	8,345
	Employing on less (b)	average ten	persons or	iniorosolo	820
				cas .	9,165
1	Estimated avermaking satisf			not	95
S	Estimated aver	age employmen	nt in all f	irms	9,260

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

<sup>(</sup>b) For an estimate of the total number of persons employed in this trade see Table 3.

### Analysis by size, 1948 Larger establishments in Great Britain

TABLE 4

Average	Fatabliah	Chess	Net	Danasna	Re	emuneration	AT	Net output	
number employed	Establish- ments	Gross	output	Persons employed	Wages	Salaries	Total	per person employed	
	No.	£1000	£1000	No.	£1000	£1000	£'000	£	
11-24	43	603	356	788	153	47	200	452	
25-49	49	1, 171	686	1,623	335	95	429	422	
50-99	23	1,220	708	1,697	344	97	441	417	
100-199	8	709	435	991	201	52	253	439	
200 and over	9	2,199	1,253	3, 246	652	184	836	386	
Total	132	5,902	3,437	8,345	1,685	475	2,160	412	

### Analysis by standard region, 1948 Larger establishments in Great Britain

TABLE 5

	Establish	Cmaga	Net output		Persons	Remuneration			
Reg1on	Establish- ments	Gross output	Value	Percent- age of total	employed	Wages	Salaries	Total	
England and Wales	No.:	£¹000	£'000	nod nedd	No.	£'000	£1000	£'000	
Northern; East and West Ridings of		88 8		to ampared	net apareva	no antrolo (d) ses			
Yorkshire; and North Midland	16	1,640	925	26.9	2, 415	467	152	620	
Eastern	14	475	273	7.9	722	150	44	194	
London and South Eastern	46	1,918	1,088	31.7	2,501	561	129	690	
Southern	4	54	32-	0.9	103	18	8	26	
South Western	3	114	66	1.9	145	33	10	43	
Wales; and Midland	23	1,020	638	18.6	1,497	256	83	339	
North Western	7	139	99	2.9	188	34	17	51	
						0,892			
Total England and Wales	113	5,359	3, 123	90.8	7,571	1,520	444	1,964	
Scotland	19	543	315	9.2	774	165	31	196	
Great Britain	132	5,902	3, 437	100.0	8,345	1,685	475	2,160	

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

TABLE 6

			Sales of			F	demuneration		Net output	
018V   V5138600   000'E   1800   20	Establish- ments	Gross	charac- teristic products	Control of the second	Persons employed	Wages	Salaries	Total	per person employed	
	No.	£'000	£1000	£1000	No.:	£1000	£1000	£1000	£	
Specialist producers o	f		** V	10.7			(a) es mo	807.08 79 E. 163	d a Sine	
Sports requisites of wood	44	2,566	1,710	1,475	3, 689	795	214	1,009	400	
Fishing tackle	20	647	537	468	1, 137	196	69	265	412	
Remainder of the trade	68	2,689	93	1,494	3,519	694	193	887	425	
Total	132	5,902	21	3, 437	8,345	1, 685	475	2, 160	412	

### TABLE 7 - Total make of intermediate products Larger establishments

This table is not applicable to the trade.

## 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

Grand Sale Contract			1948 Sales		19 Produ	37 ction	193 Produc	
		Quantity	Value	Entries	Quantity	Value	Quantity	Value
		Th. doz.	£1 000	No.	Th. doz.	£1000	Th. doz.	, £t 000
Billiard balls, cues and other accessories(a)		4)6	126	7		46	190,8•• , 38,	44
Requisites for sports and athletics	107	1480 8	STAIL S	02792	6518	B+	Distripat es Dock	1000 . - 30
Woodworking section							304084 3141	
Tennis rackets		18.2	472	19			937 35 48	CLEMBI Short
Badminton rackets	00-	4.3	82	18	39.9	450	42.1	495
Other rackets		0.9	18	13			3.4.3	
Racket frames, unstrung		14.4	210	16	14.8	110	18.8	146
Other parts of tennis, badminton, etc. rackets		••:	34	8		13	12.00	(b)
Presses for tennis, badminton, etc. rackets		32.4	65	9	49.0	26	••:	(b)
Cricket bats, spliced		20.2	308	13	14.3	97	14.7	116
Golf requisites		afoes:	41 fda1 22	regrad				
Golf clubs, complete		27.4	456	17	50.5	362	48.7	350
Other, except golf balls and bags and heads								
for golf clubs, sold separately		••	15	13	••:	4	• • • •	(b)
Hockey sticks		10.8	125	17	8.2	- 38	9.0	41
		Th. prs.			Th. prs.		Th. prs.	
Tennis posts		1.8	14	7	3.7	10	4.8	13
		Thous.			Thous.		Thous.	
Croquet sets, complete		1.1	7	••	312	7	2.8	5
DS 90949/1						90		

		1948 Sales		193 Produc		1935 Product	
	Quantity	Value	Entries	Quantity	Value	Quantity	Value
20070	Th. prs.	£' 000	No.	Th. prs.	£' 000	Th. prs.	£1 000
Requisites for sports and athletics (contd.)					ards onto	is for as i	
Woodworking section (contd.)					200	dreof to at	185 100
Bowls	8.5	<b>29</b> 9	5	26.9	37	24.8	37
	Th. doz.	1.0261	a la la	Th. doz.	432 -211	Th. doz.	
Table ténnis tables	0.2	29	10	0.9	20	5 701 2988	
Table tennis sets and other equipment	1 . **	132	27	1	13	2 2 0 0 0	112
Other sports requisites	T el	85	19.00		ABM20D I	Takin mide	
of wood, including parts		124	20		52	James and	
Gymnasium equipment	1 84	5, 1988	4		reavisor	TO TERLINED	
and appliances	••	106	11	••	78	sing tackie	59
Rubber goods	72	ter				8003	
Golf balls			i sessi				
New	633.2	662	6	1,092.1	521	942.3	516
Re-made	110.9	59	6	38.0	6	042.0	010
Tennis balls,	1 1 20				S cackle	idel Tedi	
covered, ready for use	524.8	383	10	1,041.8	420	1,076.6	428
	In. gross	) - som s	an inmit	Th. gross	elubs. s	Th. gross	Self
Shuttlecocks for		8		Į į		- Vistate	90.
badminton	14.1	147	6	28.4	107	23.4	88
Goods of leather or canvas	or S	oer .	8.80			14.00	SMS
Rucksacks		15	9		11		5
Indexsacrs	Th. doz.		. 300	Th. doz.		Th. do z.	
	prs.	9.0 5.0	8.8	prs.		prs.	120
Boxing gloves	9.1	67	9	h		in the same of	637
Gloves for	11.2	82	26	21.6	53	22.7	67
cricket, fives, etc.	1	23	)	7	20	1	
	Th. doz.	185		Th. do z.	ess not a	Th. do z.	113
Football cases	31.5	426	16	26.3	90		100
Footballs, complete	7.6	102	6	}	16	30.4	1000
roo oodiro, comprete	4	1 50		83	Hadas Det	total beari	
	at at	1 9				2300000	303.54

#### TABLE 8 (contd.)

rion Production	ntoud et		1948 Sales		193 Produc		1935 Production	
Value Quartry Value	Valdaeus	Quantity	Value	Entries	Quantity	Value	Quantity	Value
200 a 18 pt at 200 a	de til me	Th. doz.	£'000	No.	Th. doz.	£'000	Th. doz.	£1 000
Requisites for sports and athletics (contd.)						( pa no.	tes for si	e bus simen
Goods of leather or canvas (contd.)	28.9		98	8.5	. (,03	etton (ce	lworking si Bowle	0014
Cricket balls and oth	ner	21.6	150	15	15.4	52	17.3	64
Bags for cricket, tennis, golf, etc.	8.0	9.4	163	44	9.2	69 60	5.9	48(a)
Football and hockey shin guards		Th. doz. prs. 18.6	38	9		aquipment s requisi	ther spor	
Other requisites of leather or canvas		.08	206	22	) ···icit rasi	128	.b•¥w lo tupa mu∤as	225
Fishing tackle	-3	1 11	100			8	constigue.	ins .
Rods			181	17	••	73(a)	er goods	71(a)
		Th. doz.	A STATE OF THE STA			2.10	21180 310	
Reels	0.85	5.2	96 18	} 15		17	weW Se-made	
Other fishing tackle, except hooks, lines nets (c)		3 . • • . 02	332	36	} ••	253(a)	ennibell covered, for use	212(a)
Heads for golf clubs, so separately	1d- {	11.0	53 8	} 16	19.3	37	5.8	15(a)
	±.89.4	Th. doz.	Thi	14.1	Th.doz.	20	Th. doz.	Snut Day
Skates	{	46.3	180 13	} 10	11.9	31	9.4	70 25
		Th. doz.	15				BOKBBOKS	
Dartboards	.200	9.3	49	7.010				
Other requisites and parts (except strings for rackets)	8.18	0- (8	501	51		128	oxing glov Loves for cricket	88
Finished strings for ten	nis		125	9,00	1		4.3	
Musical instrument strings, wholly of gut	8.80	32.7	10 13	6.	}	158(a)	so lisqiqo	176(a)
Unclassified finished strin	gs		47			complete ,	cotballs	
Waste products			5	15		(d)	••	(d)
DS 90949/1					1		1/86	

TABLE 8 (contd.)

ester	2 75/8/6 0	1948 Sales		193 Produ		1935 Production	
	Quantity	Value	Entries	Quantity	Value	Quantity	Value
		£' 000	No.		£1000		£1 000
Repair work to sports requisites (e)	Pre-	119	57	25.12	36		35
Work done for the trade or on commission (e)	ibi di .	6	5	Sh will			
Total		6,678			3,632	autoga tob	3, 581
Less sales (or production in other trades (see Table 9)		1, 444	••	5.03	902	1033556 201 2308563	893
Total principal products of this trade sold or made by establishments in the trade		5, 234	117		2,730	relets, ing escentic	2,688

- (a) So far as recorded separately.
- (b) Not recorded separately.
- (c) For particulars of the output of fish hooks see the Needles, Pins, Fish Hooks and Metal Smallwares Trades (Volume 5, Trade G) and for fishing lines and nets, the Rope, Twine and Net Trade (Volume 6, Trade H).
- (d) Not recorded separately.
- (e) Amount charged in 1948 and amount received in 1937 and 1935.

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

#### Larger establishments

TABLE 9	T						
		1948 Sales		1937 Product		1935 Product	
35   35   5   5   5   5	Quantity	Value	Entries	Quantity	Value	Quantity	Value
	Th. doz.	£' 000	No.	Th. doz.	£1000	Th. doz.	£1 000
Requisites for sports and athletics		5	o , 8				Layer
Woodworking section					deliaus	englac) sele	Less B
Tennis rackets	0.1	4	• • •	1		a sus in stan	Edge
Other rackets, including badminton rackets	-	_	_	1.7	12	el pelnolpel la cheda col sollannello	107 - 13 125 18
Racket frames, unstrung	-	-	-	0.5	2	-	-
Presses for tennis, badminton, etc.		_		3.3	2	ar as recept	148 (a
Cricket bats, spliced	0.2	4		0.3	3	0.7	4
Golf requisites	ani Pina		er kalen d	in to awar	10 add 10	adaluoladad	101 10
Golf clubs, complete	-	-	-	0.7	5	3.2	21
Other, except golf balls and bags and heads for golf clubs, sold separately	11,380	8		rionumme h	1	i kanada in	Hora ile
	0.3		• •	0.9	1		
Hockey sticks  Table tennis sets and other	0.0	3		0.2	1	1 320	
equipment	••	87	13	-	-1	913	
Tennis posts; table tennis tables; bowls; parts of tennis, badminton, etc. rackets, and other sports							7
requisites of woods, including parts	••	60	••	••	6		
Gymnasium equipment and appliances	••	14		-	-	-	-
Rubber goods							
Golf balls, new and re-made; and tennis balls, covered, ready for use	635•3	522	1.	1136.3	469	1071.4	472
			15 15		100		

TABLE 9 (contd.)

1837 1885	Militaria	1 948 Sales	1538	1937 Product	ion	19 Produ	35 action
Freduction Production	Quantity	Value	Entries	Quantity	Value	Quantity	Value
Requisites for sports and athletics (contd.)	Th. doz.	£! 000	No.:	Th.doz.	£' 000	Th.doz.	a' 000
Goods of leather or canvas						(-bumo)-20	Jamus,
Boxing gloves	-	er h-	-		Das 3	de strange	a pum
Gloves for cricket, fives, etc.	2.1	8	17	7.6	21	4.6	13
	Th. do z.			Th. doz.		Th. doz.	
Football cases	0.2	2		2.5	22	3.6	24
Footballs, complete	1.3	11	nount tree	(8)	16		
Cricket balls and other leather balls	-	ettone var	-	0.5	3	1.0	
Bags for cricket, tennis, golf, etc.	5.1	65	30	5.7	34 60		
Football and hockey shin guards	ucts	org lagi	an princ		75		189
Other requisites of leather or canvas, including rucksacks	Amenica	15	••:			0	3.(BAE)
Fishing tackle	de la company de		8491 80 En3				
Rods	W11.000	29		100 -	-		
Reels	••:	9	5	1	12	••	10
Other fishing tackle, except hooks, lines and nets	•••	34	16		Mar el	ee trons	pos bos
Heads for golf clubs, sold separately	2.1	5 8	}	-	a _ s	indoor same	oys and
	Th. doz.	145				entsel bas	relijeel relijeel
Skates	18.3	39 13	}		Anne's	nemalis s	a zadda
	Th. doz.	88	-			(1)639	asb1.le
Dartboards	1.2	6 2	}			25. 25. (a)	ther goo
Billiard balls, cues and other accessories; shuttlecocks for badminton; and other		884			98		6
requisites and parts (except strings for rackets)		409					

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TABLE 9 (contd.)

mediaciton Production	1948 Sales			193 Produ	37 ction	1935 Production		
	Quantity	Value	Entries	Quantity	Value	Quantity	Value	
Requisites for sports and athletics (contd.)  Finished strings for tennis and other rackets; and musical instrument strings, wholly of gut  Repair work		£1000	No.:		£' 000	on ton sec	£' 000	
Total	aft.	1, 444	1 42 00	JEG.	902		893	

(a) Amount received.

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

#### Larger establishments

TABLE 10

And those was		1948 Sales		37 iction	1935 Production		
0	Quantity	Value	Quantity	Value	Quantity	Value	
	16	£1 000	1	£'000		£' 000	
Billiard and bagatelle tables and accessories	10.00	3	••	77	chest antmati pt house like	68	
Toys and indoor games	••:	51	1 )	25	adulto 1.63 del	16	
Dressed leather and goods of leather and leather substitutes		145	.305.4TT	24	t lot	. 25	
Rubber goods		28	1 .4	2	•	dearong 3	
Playground equipment (swings, slides, etc.)	••:	33	l sejar	_		_	
Other goods	1	202		21	•• abd	24	
Work done (a)		23	1 19 1	3:		3	
Total		486	1.	152	orles: south	159	

(a) Amount charged in 1948 and amount received in 1937 and 1935.

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#### Analysis of sales, 1948

#### Larger establishments in Great Britain

TABLE I

Sales (or transfers) to other organisations under the same control  Productive works  Export sales organisations (including branches abroad) and other wholesale or selling organisations  119  Percentage of total sales  \$\frac{1}{2}\text{ total sales}}  119  Percentage of total sales  \$\frac{1}{2}\text{ total sales}}  \$\frac{1}{2} total sa	STATE STATE OF THE
Sales (or transfers) to other organisations under the same control  Productive works  Export sales organisations (including branches abroad) and other wholesale or selling organisations  465  8.4	
Productive works  Export sales organisations (including branches abroad) and other wholesale or selling organisations  465  8.4	
Productive works  Export sales organisations (including branches abroad) and other wholesale or selling organisations  465  8.4	
Export sales organisations (including branches abroad) and other wholesale or selling organisations  465  8.4	
wholesale or selling organisations	
110	
Retail shops, etc.	
Total sales (or transfers) to other organisations under the same control 592 10.6	000
Sales to independent buyers	nt i
Exports invoiced directly overseas 900 16.2	
Exports invoiced to Crown Agents and purchasing houses in this country of individual firms and governments abroad 275 4.9	
His Majesty's Government and Local Authorities (other than productive establishments) 146 2.6	
Manufacturers, repairers, builders, mines, public utilities, and transport and other productive undertakings	
Wholesalers, merchants and other agents for resale 722(a) 13.0	
Retailers, including multiple shops, caterers and N. A. A. F. I., for resale 2,619 47.0	
Other businesses (including farmers) and institutions of all kinds	
Members of the public, including employees 39 0.7	
Total sales to independent buyers 4,979 89.4	
Pintines of as as (or or o	
Total 5,571 100.0	

(a) Of this total £416,000 was recorded as divided between £159,000 for export and £257,000 for other sales.

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

		Production (b)(c)	Exports (d)	Retained imports (e)
correction 119	,	Th. doz.	Th. doz.	Th. doz.
Tennis, badminton and other rackets	{1948 1937	23.4 39.9	1.3 2.3	0.2 34.2
Racket frames, unstrung (sold or consigned as such)	{1948 1937	14.4 14.8	7.5 5.2	0.2 0.6
		£'000	£'000	£!000
Golf requisites other than golf balls and golf bags (f)	{1948 1937	533 403	289 198	3 13
		Th. doz.	Th. doz.	Th. doz.
Rubber balls				
Golf balls	{1948 1937	744 1 <b>,</b> 130	206 328	Selat Isasi
Tennis balls	{ 1948 1937	525 1,042	167 361	e de la companya de l
3.22	(200)	£'000	£1000	£1000
Rucksacks	{1948 1937	15 11	1	4
Skates	{1948 1937	193 31	38 2	11 58
		Th. doz.	Th. doz.	Th. doz.
Fishing tackle		6.2 (g)	2.3	0.1
Reels	1948	£1000	£'000	£'000
	1	114	29	2
Other fishing tackle including rods	1948	628 (h)	332	23
Total fishing tackle	{1948 1937	742 (h) 466 (h)	361 158	25 22

<sup>(</sup>a) Figures of sales (or production) refer only to larger establishments in the relevant years. All recorded exports from and imports into the United Kingdom are given in the table. The figures, therefore, are not strictly comparable.

Sales in 1948 and production for sale in 1937.

(g) Partly estimated.

#### Purchased materials and fuel Larger establishments

1866 18	Larger estab	isnment	S			
ABLE 13						10.7
tools was at done was	1948	0	1937		1935	
100 to 10	Materials ar		Usage o	f purchase	ed materials	taJosts
	Quantity	Cost	Quantity	Cost	Quantity	Cost
Materials	Th. cwts.	£1000		£1000	e 903 150g	£1000
Rubber in all forms	6.8	119	1. 10.0	36 (a		
Leather	8.0	408	••	79	V 00001 360	
Timber, other than for packing cases	Th. cu.ft.		0,		er end to the	
Hardwood	228	161 41				(p)
Softwood	72	43 .		140		
organization of which selected and	Th. sq. ft.					
Plywood	619	24				
Packing Materials	••:	79	••:	35	Jacon Danie	per est
	Th. sq. yds.	e percent	1 3 30 21 03		9.500	
Canvas	162	32	7		144 PM	100
Gut and gut string, unfinished		8	100 300000		artist Laborat	18705
out and gut String, untilitioned	Th. 1bs.		iv.li		DE JAMOS TE	acus i
		77	DETECTION OF		Test Step	Internal
Finished strings for tennis and other rackets	30	70		770		(b)
	Th. doz.	10 expo	box see	772		
Tennis balls, uncovered	44	8	fee tests			
	Th. sq. yds.	70				1 3364
Cloth for tennis balls	43	29	tris to 4			MARKET .
All other purchased materials	•••••	1,331	1		•	4 051
Unclassified materials	The Share To the			289		1,271
Fuel and electricity	Th. tons		Th. tons	The contract	Th. tons	befile
Coal	4.6	14	3.9	6	3.8	5
Coke	2.8	10	•••	(b)	1.8	3
40	The second second			(Consultantement)		2 ( 2 )

<sup>(</sup>b) Sales in 1948 and production for sale in 1937.(c) Including sales (or production) by establishments classified to other trades.

<sup>(</sup>d) Valued f.o.b.

Valued c.i.f.
The figures for oversea trade include golf bags.

<sup>(</sup>h) Including the output of fish hooks valued at £116,000 in 1948 and £141,000 in 1937 for which see the Needles, Pins, Fish Hooks and Metal Smallwares Trades (Volume 5, Trade G).

#### TARIF 13 (contda)

				,	
1948	retem ca	1937		1935	
		Usage o	f purchase and fuel	ed materials	
Quantity	Cost	Quantity	Cost	Quantity	Cost
Th. B. T. U. (kW. hrs.)	\$1000	Th. B. T. U. (kW. hrs.)	£!000	Th. B.T.U. (kW.hrs.)	£1000
5, 609	36 {	2, 270	11 3	2,671	14
Th. galls.	- (ausó 30	-	_	_	8787383W
610	6,5			ernot lits a	respons
54	6				reasoni
7	an 20	23865 8	ciabag Tol	ment tento	nadeal
31	1 1			bod	abasii
Th. therms 149 Th. cu.ft. 4,800	7	••:	11	bog	(b)
-	_			insterdiği s	enisiones
_	_	}			
	2,504		1,382		1,293
	Materials purchas Quantity  Th. B.T.U. (kW. hrs.)  5,609  Th. galls.  Th. therms  149  Th. cu.ft.	Th. B.T.U. (kW.hrs.)  5,609  36  Th. galls.  54  6  7  31  1  Th. therms  149  7  Th.cu.ft. 4,800  1	Materials and fuel purchased  Quantity Cost Quantity  Th. B. T. U. (xw. hrs.)  5,609 36 2,270  Th. galls.  54 6 7 - 31 1 1 Th. therms 149 7 Th. cu.ft. 4,800 1	Materials and fuel purchased         Usage of purchase and fuel           Quantity         Cost         Quantity         Cost           Th. B.T.U. (kW.hrs.)         £'000 (kW.hrs.)         Th. B.T.U. (kW.hrs.)         £'000 (kW.hrs.)           5,609         36         2,270 11 3         1           Th. galls.         54 6 7 - 31 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Materials and fuel purchased         Usage of purchased and fuel           Quantity         Cost         Quantity         Cost         Quantity           Th. B. T. U. (kW. hrs.)         \$'000 (kW. hrs.)         Th. B. T. U. (kW. hrs.)         \$'000 (kW. hrs.)         Th. B. T. U. (kW. hrs.)           5,609         36 { 2,270 11 3 } 2,671         2,671         2,671           Th. galls.         11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

(a) Rubber sheet and thread only.

Not recorded separately.

(c) Including fuel not specified separately.

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

Larger establishments in Great Britain

TABLE 14

At beginning of year	At end of year
Value	Value Value
£1000 287	£1000 403
368	461
655 ·	864
799	866
The second secon	£1000 287 368 655

#### Employment and remuneration (a)

#### Larger establishments

TABLE 15

	Average number of operatives				ative, tec		Total		
al blas miltor	1948	1937	1935	1948	1937	1935	1948	1937	1935
Males			7		iag f i	100			17
Under 18 All ages	497 3,807	658 3,873	632 3,963	23 645	47 619	39 617	520 4,452	705 4,492	671 4,580
Females	nulery and	enterter							
Under 18 All ages	549 3, 333	941 2,813	880 2,976	104 525	107 453	71 449	653 3,858	1,048 3,266	951 3, 425
Total								atmitte.	atmia
Under 18 All ages	1,046 7,140	1,599 6,686	1,512 6,939	127 1,170(c)	154 1,072	110 1,066	1, 173 8, 310 (c) (d) (e)	1,753 7,758	1,622 8,005
0.4001   0.405	£1000			£'000		Al ex	£'000	1,56,11	
Total remuneration	1,685			475			2, 160		

(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 1 male, 30 females

Other workers 36 males, 59 females

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

(c) There were, in addition, 35 working proprietors (32 males and 3 females) in 1948. Working proprietors are included in the 1937 and 1935 figures.

The employers' share of contributions to all National Insurance Schemes payable during the year in respect of these workers amounted to £60,000.

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

Operatives

Administrative, technical and clerical employees

Transport of goods outside the premises 16

Maintenance and repair of firms' buildings, but not plant

Research work not directly connected with current production however charged

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

	Avera	ge number of ou employed	tworkers	Total amount paid to
	Males	Females	Total	outworkers
1948 19 <i>3</i> 7 <b>193</b> 5	43 43 25	437 153 129	480 196 154	£'@0 47 

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

TABLE 16

	les indeed .	av Lagnae L	Child I am	Diameter days	e salate a competition	and the same	
	(d) sasyalga	Est	ablishments	making ret	urns for th	e calendar	year
	Amount paid	Amount	F	ercentage o	f annual re	muneration	paid in
	by all establish- ments	paid	First quarter	Se cond quarter	Third quarter	Fourth quarter	Year
Wages and salaries of Operatives	£' 000	£1 000	24.7	25. 5	24. 2	25. 5	100.0
Administrative, technical and clerical employees	475	278	22.9	25. 4	24.1	27.6	100.0
Total	2, 160	1, 211	24.3	<b>25.</b> 5	24.2	26.0	100.0

<sup>(</sup>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 £28,000.

### Payments for certain services, 1948 Larger establishments in Great Britain

TABLE 18

IABLE 10	Amount paid
Repair and maintenance	£1 000
Of buildings	19
Of plant, machinery and vehicles	46
Unclassified	lastine 17
Hire of plant, machinery and vehicles	5
Advertising and market research	disseal (112)
Advertising in newspapers, magazines and periodicals	21
Other advertising services (poster display, despatch of circulars, etc.) and market research	20
Unclassified the second of the	20
Payments made for research work	ensy politics Que
To research associations	Av pasen = st (11)
To universities, institutions, academic bodies and similar agencies	-
To other commercial concerns	sel 8 ani endinen a
Postage, telephone, telegrams and cables	39
Commercial insurance premiums	34
Rates (excluding water rates) payable in the year	10
and seems and this concerns area to a residuel and the seems the property of the	

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

TABLE 19

TABLE 19	Acquisitions						
tor charges in specks, and wors i	New	New Second-hand					
	£1 000	ଛ' ୦୦୦	£¹ 000				
Plant and machinery	98	4	10				
Vehicles	12	7	4				
Total	110	11	14				

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#### Capital expenditure on building work and changes in occupation of buildings and land, 1948 Larger establishments in Great Britain

#### TABLE 20

1111			
		£1000	£1000
1.	Capital expenditure on building work (a)		62
2.	Existing buildings and land (b)		
	(1) Capital cost of freeholds bought	V-5ms - 2 - 1156	
	Estimated capital value of		
	(11) Rented property newly occupied in the year (c)	as greations ,	
	(111) Leasehold buildings and land newly occupied in the year	nd marticl rese	
	Total of heading 2		3
	Total of headings 1 and $\mathcal Z$		
3.	Existing buildings and land relinquished (d)		
	(i) Selling value of freeholds sold	10 1502 2 701	
	(11) Estimated value of other properties relinquished	104	
	Total of heading 3 maga religion bearing by select of manages completely	dictos, insulpat	106
4.	Headings 1 and 2 less heading 3	sonop Lalonsana	- 40

- (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.

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1948

#### Summary

#### Larger establishments

NOTE - Owing to the risk of disclosure of information relating to individual firms, separate figures for Wales cannot be given.

TABLE 21

Principal on mere	England and Wales	Scotland	Great Britain
SAS MARITED for specific and dis-	£' 000	£1000	£1000
Gross output (production)	5, 359	543	5,902
Cost of materials and fuel used	2,210	227	2,437
Payment for work done on materials given out	27	. 1	28
Net output	3,123	315	3, 437
Wages and salaries of persons employed  Average number of persons employed (a)  Net output per person employed (a)  Stocks at end of year	1,964 No. 7,571 & 412 £'000	196 No. 774 & 407 & OCO	2,160 No. 8,345 £ 412 £'000
Finished products and work in progress  Materials and fuel  Number of establishments	820 751 No. 113	44 115 No. 19	864 866 No. 132

(a) Excluding outworkers.

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

Table temsta sets and	England and Wales	Scotland	Great Britain
	£'000	£' 000	£1000
Output of firms in this trade			
Total value of sales (see Table 23)	5, 186	534	5,720
Adjustment for changes in stocks and work in progress	+ 199	+ 10 .	+ 209
Less payments for transport by other firms	5, 385 26	545 2	5,929 27
Gross output (production)	5,359	543	5,902
Materials and fuel used by firms in this trade			
Purchases (see Table 24)	2, 264	240	2,504
Adjustment for changes in stocks	<b>-</b> 54	- 13	- 67
Materials and fuel used	2,210	227	2,437

#### Summary

#### Small firms

TABLE 22

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ereneges	, smil isotyvisul,	ation relating v	England and Wales	Scotland	Great Britain
Number of return			116	39	155
Average number (	of persons employed	(a)			
Males			415	128	543
Females			226	51,01,00,00	277
762 (.9	Total	018'3	641	179	820

#### (a) Including working proprietors.

### Sales in the trade Larger establishments

TABLE 23

TABLE 23						
00,2	England a	nd Wales	Scot	Scotland		ri tain
	Quantity	Value	Quantity	Value	Quantity	Value
an am some (sandis)	Th. doz.	£ 000	Th. doz.	£ 000	Th. doz.	£'000
Principal products					i stopp to	edage A
Requisites for sports and athletics				e -ot Sis i ellas sidi	ed .efter tic	
Woodworking section			1 0.838	980 101	Eleba Logeros	
Tennis rackets	18.0	468	- 100 M	# EVENSOR TE	18.0	468
Badminton rackets	4.3	82	-	-	4.3	82
Other rackets	0.9	18	1-0	), enexis	0.9	18
Racket frames, unstrung	14.4	210	- 1	-	14.4	210
Presses for tennis, badminton, etc. rackets	32.4	65	_	-	32.4	65
Cricket bats, spliced	20.0	304	-		20.0	304
Golf requisites				TRANC SAN	alist asmobs alist radisel	
Golf clubs complete	11.8	197	15.6	259	27.4	456
Other, except golf balls and bags and			soft and		AM 8 A 1985	
heads for golf clubs, sold separately	••	1	••	7	••	7
Hockey sticks	10.6	122		-	10.6	122
Supplied and a special supplied and a supplied and	Thous.			To se	Thous.	
Croquet sets, complete	1.1	7	- ,		1.1	7
Table tennis sets and other équipment	••	45	-	-	elsend gas	45
Tennis posts; table tennis tables; bowls; parts of tennis,			.505 .47			
badminton, etc. rackets, and other sports requisites of	dest.		0,8		ejas	
wood, including parts	••	(a)	•••	(a)	galie. Test	179
Gymnasium equipment and appliances	**************************************	(a)	••	(a)	eden ens	92
	a de la Vergera		4 - 45		Z. a Tanaqaa . g	30)
4200 LET 1000 LET 100			1 500 100			
DO 0004044			2.73		33	

TABLE 23 (contd.)

		England	and Wales	Scotland		Great Britain	
		Quantity	Value	Quantity	Value	Quantity	Value
		Tn. doz.	£' 000	Th. doz.	£1000	Th. doz.	£'000
Principal products (cont	d.)	11 and	24,0,60	DE DEMINE			
Requisites for sports and athletics (contd		60 25 mg		Stinned Web Aff			
Rubber goods						251010011	iaglentra
Golf balls, new made; and ten	nis balls,				a ae eo	ega 161 590 101	almië.
covered, ready	for use	633.6	583	-	-	633.6	583
Goods of leather o	r canvas	Th. doz.	460	2,61	2.3	Th. doz.	
Boxing gloves		9.1	67	-3.00	=d eas	9.1	67
Gloves for cric	ket, {	9.1	74 10	-040	- {	9.1  Th. doz.	74 10
Football cases			28	1.02	ennis.	31.3	424
Footballs, comp	lete					6.3	91
Cricket balls a leather balls	nd other	}	(a)	••:	(a)	21.6	150
Bags for cricke golf, etc.	t, tennis,	3.31	1.78	0.13	- oto Yamaa	4.3	99
		Th. doz prs.			ous spacin	Th. doz.	
Football and hoshin guards	ckey	18.6	38	-1.07	-	18.6	38
Other requisites leather or can including rucks	vas,	••	184	enear .ru	22	area ••:upan	206
Fishing tackle					ons atea	inuma elemi	
Rods		••	(a)		(a)	other soulp	152
		Th. doz.			eldat miwod jas	Th. doz.	
Reels	{	5.2	96 8	} -	- {	5.2	96 8
Other fishing to except hooks, l and nets		••	(a)	•••	(a)	sports the do wood, inche	298
Heads for golf club sold separately	os,	1.1	5	7.7	43	8.8	48
West		Th. doz				Th. doz.	
Skates	14.5	27.9	142	_		27.9	142
DS 90949/1							

TABLE 23 (contde)

	England and Wales		Scot	tland	Great Britain		
d Great Britain	Quantity	Value	Quantity	Value	Quantity	Value	
Ocean Quantity Ocean	Th. doz.	a' 000	an of tyseller	£1000	Th. doz.	£' 000	
Principal products (contd.)  Requisites for sports and athletics (contd.)	cwis	EE - 000/1	.evr.n.	U			
Dartboards {	8.1	44 33	} -	- {	8.1	44 33	
Billiard balls, cues and other accessories; shuttlecocks for badminton, and other requisites and parts (except strings for		.181 181	.71.16 .885	Lett	il nidi yedi esas bi	Timber, d pazking dierdwi	
rackets)  Finished strings for tennis and other rackets; and		355		12	•••	367	
musical instrument strings, wholly of gut	••	120	10 (00 176) -	-		120	
Waste products		5 9 7	-	-	elsininen	5	
Repair work to sports requisites (b)		103		16		119	
Work done for the trade or on commission (b)		6		-	antroe se	6	
Total principal products		4,708	.adf.	526		5, 234	
Other output		estel comme	d to incert	centra of their	estilogs for r radiceus	medatnik enio hos	
Billiard and bagatelle tables and accessories		3	- acob	a	d bar Ivalia	3	
Toys and indoor games		51	- 60.		ige worker	51	
Dressed leather and goods of leather and leather substitutes		145	- 3e	at	Lied •• nael	145	
Rubber goods	••	28		eteriels.	purchased n	28	
Playground equipment (swings, slides, etc.)	, tone	33	_ apor	-	en la ferra	33	
Other goods		202	0.4	1		202	
Work done (b)		16	1	7		23	
Total	.u.as	5,186	1 .0.75,8	534		5,720	

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

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<sup>(</sup>b) Amount charged.

#### Purchased materials and fuel

#### Larger establishments

TA	RI	F	21	Ц
17	D.		-	т

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TABLE 24	Large						
entra destruction and	England	and Wales	Scot	cland	Great Britain		
000 g 13ab .ar 000	Quan tity	Cost 000	Quantity	Cost	Quantity	Cost	
	Th. cwts.	£, 000	Th.cwts.	£' 000	Th. cwts.	£1 000	
Materials					sinon sports	estatings.	
Rubber in all forms	6.8	1 19	-		6.8	119	
Leather		343		65	••	408	
Timber, other than for packing cases	Th. cu.ft.		Th.cu.ft.	s and	Th.cu.ft.	BILLIE Other	
Hardwood	224	151 40	4	10	228	161 41	
Softwood		(a)	•	(a)	72	43	
2010/000		(4)		Blanst	Th. sq. ft.	Is tary	
Plywood		(a)		(a)	619	24	
Packing materials		76		3	. 82000	79	
		7.06			Th.sq.yds.	Kepatin vo	
Canvas		(a)	••	(a)	162	32	
Gut and gut string, unfinished		8	-	_	(d) dolar tum	8	
	Th.lbs.	800			Th.lbs.	norg (c)	
Finished strings for tennis { and other rackets	30	77 70	} -	- {	30	77 70	
8 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	Th. do z.				Th.doz.	eeldst.	
Tennis balls, uncovered	44	8	- **	-	44 00.00	hma 2.8.1	
	Th.sq.yds.	999		i geto	Th.sq.yds.	Desagni	
Cloth for tennis balls	43	29		-	43	29	
All other purchased materials		1, 179	••	151	eds es	1, 331	
	Th. tons	1	Th. tons	- assigne	Th.tons	Playsrow	
Fuel and electricity		200				A STANDARD	
Coal	4.0	12	0.6	2	4.6	14	
Coke	2.8	10	-	-	2.8	10	
	Th.B.T.U. (kW.hrs.)		Th.B.T.U. (kW.hrs.)		Th.B.T.U. (kW.hrs.)	100 OTTO	
Electricity purchased	5, 124	32 11	485	3	5,609	36	
Electricity obtained from other works under the same ownership	- 100 m	-	_	_	Barreno	Janoona (d	
PG 00040 /4							

#### TABLE 24 (contd.)

	ADLE 24 (CONTO.)	100			233000000000		
		England	and Wales	Scot	land	Great 1	Britain
		Quantity	Cost	Quantity	Cost	Quantity	Cost
	A CONTROL OF THE CONT	Th. galls.	ह। 000	Th. galls.	£'000	Th. galls.	£1000
F	uel and electricity (contd.)						
	Motor spirit (petrol) and derv. fuel						
	Used for road vehicles	52	6	2	-	54	6
	Used for other power purposes	7	-	_	_	7	_
	Other oil fuel (including creosote/pitch mixtures)	17	`1 1	} 14	1 {	31	1 1
		Th. therms		Th. therms		Th. therms	
	Gas purchased	139	7	9	-	149	7
	oas pur chased	Th. cu. ft.		Th.cu.ft.		Th.cu.ft.	
		4, 471	1	329	-	4,800	1
	Gas obtained from other works under the same						
	ownership	-	-	-	_	-	-
	All other purchased fuel	-	-	-	-	_	-
	To tal		2,264		240		2,504

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

#### Employment and remuneration: Larger establishments

TABLE 25

72 0.385	England and Wales			Scotland			Great Britain		
80072 .el	Average number of operatives	Administra- tive, tech- nical and clerical employees(a)	Total	Average number of operatives	Administra- tive, tech- nical and clerical employees(a)	Total	Average number of operatives	Administra- tive, tech- nical and clerical employees(a)	Total
Males Under 18 All ages	390 3,295	23 612	413 3,907	107 512	- 33	107 545	497 3,807	23 645	520 4,452
Females Under 18 All ages Total	470 3, 165	9 4 47 4	564 3,639	79 168	10 51	89 2 <b>1</b> 9	549 3 <b>,</b> 333	104 525	653 3,858
Under 18 All ages	860 6,460		977 7,546 (b)(c)	186 680	10 84(b)	196 764 (b)(c)	1,046 7,140	127 1, 170 (b)	1, 173 8, 310 (b) (c)
Total remuneration	£'000 1,520	£'000 444	&' 000 1,964	ଛ' 000 165	&' 000 31	£'000 196	ฐ! 000 <b>1,</b> 685	ଛ' 000 475	£' 000 2, 160

(a) Number at September 25, 1948.
(b) There were, in addition, 35 working proprietors (32 males and 3 females) in Great Britain; 22 males and 3 females in England and Wales, and 10 males 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 £60,000; £55,000 for England and Wales, and £5,000 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 nu	Total amount		
	Males	Females	Total	paid to outworkers
				£'000
England and Wales Scotland	42 1	437	479 1	47
Great Britain	43	437	480	47

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

TABLE 26

-								
	Monthly index (a)				Monthly index (a)			
Month	England and Wales	Scotland	Great Britain	Month	England and Wales	Scotland	Great Britain	
1948		-		19 48			Service and an object of the service	
January	103.7	104.1	103.8	August	97.6	100.0	97.7	
February	104.5	103.0	10 4. 4	September	97.5	100.0	97.6	
March	103.3	102.4	103.2	October	97.9	97.0	97.8	
April	102.5	102.4	102.5	November	98.1	95.9	98.0	
May	100.4	101.2	100.5	December	96.0	97.0	96.0	
June	99.7	98.8	99.6	Percentage employment in this trade		71.8.100		
July	99.0	99.4	99.0	covered by the index	57.2	24.9	54.1	

(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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