



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 0d. NET

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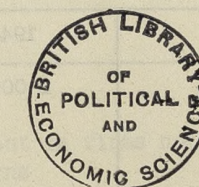
* Not applicable to this trade

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

TABLE 1
Larger establishments

	1948	1937	1935
	£'000	£'000	£'000
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	..	..
	No.	No.	No.
Average number of persons employed (a)	6,345(b)	7,758	8,005
	£	£	£
Net output per person employed (a)	412	193	191
	£'000	£'000	£'000
Stocks at end of year			
Finished products and work in progress	864	..	..
Materials and fuel	866	..	..
	No.	No.	No.
Number of establishments	132	..	141

(a) Excluding outworkers.

(b) 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
	£'000	£'000	£'000
Output of firms in this trade			
Total value of sales (1948) or production (1937 and 1935)			
Principal products (see Table 8)	5,234	2,730	2,688
Other output (see Table 10)	486	152	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)	2,504	1,382	1,293
Adjustment for changes in stocks (see Table 14)	- 67		
Materials and fuel used	2,437	1,382	1,293

Summary, 1948
Small firms in Great Britain

TABLE 2

Number of returns	155
Average number of persons employed (a)	
Males	543
Females	277
Total	820

(a) Including working proprietors.

Estimated average employment, 1948

All firms in Great Britain

TABLE 3

As returned by firms	
Employing on average more than ten persons (a)	8,345
Employing on average ten persons or less (b)	820
	9,165
Estimated average employment in firms not making satisfactory returns	95
Estimated average employment in all firms	9,260

(a) See Tables 1 and 15.

(b) See Table 2.

Analysis by size, 1948

Larger establishments in Great Britain

TABLE 4

Average number employed	Establishments	Gross output	Net output	Persons employed	Remuneration			Net output per person employed
					Wages	Salaries	Total	
	No.	£'000	£'000	No.	£'000	£'000	£'000	£
11-24	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

Region	Establishments	Gross output	Net output		Persons employed	Remuneration		
			Value	Percentage of total		Wages	Salaries	Total
	No.	£'000	£'000		No.	£'000	£'000	£'000
England and Wales								
Northern; East and West Ridings of 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
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

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Analysis according to specialisation within the trade, 1948

Larger establishments in Great Britain

TABLE 6

	Establishments	Gross output	Sales of characteristic products	Net output	Persons employed	Remuneration			Net output per person employed
						Wages	Salaries	Total	
	No.	£'000	£'000	£'000	No.	£'000	£'000	£'000	£
Specialist producers of									
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		1,494	3,519	694	193	887	425
Total	132	5,902		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.

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

Larger establishments

TABLE 8

	1948 Sales			1937 Production		1935 Production	
	Quantity	Value	Entries	Quantity	Value	Quantity	Value
	Th. doz.	£'000	No.	Th. doz.	£'000	Th. doz.	£'000
Billiard balls, cues and other accessories(a)	..	128	7	..	46	..	44
Requisites for sports and athletics							
Woodworking section							
Tennis rackets	18.2	472	19	} 39.9	450	42.1	495
Badminton rackets	4.3	82	18				
Other rackets	0.9	18	13				
Racket frames, unstrung	14.4	210	16	14.8	110	18.8	146
Other parts of tennis, badminton, etc. rackets	..	34	8	..	13	..	(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							
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	..	3.2	7	2.8	5

TABLE 8 (contd.)

	1948 Sales			1937 Production		1935 Production	
	Quantity	Value	Entries	Quantity	Value	Quantity	Value
	Th. prs.	£'000	No.	Th. prs.	£'000	Th. prs.	£'000
Requisites for sports and athletics (contd.)							
Woodworking section (contd.)							
Bowls	8.5	29	} 5	26.9	37	24.8	37
	..	9					
Table tennis tables	Th. doz.	0.2	28	10	0.9	20	
Table tennis sets and other equipment	..	132	27	..	13	..	112
Other sports requisites of wood, including parts	..	124	20	..	52		
Gymnasium equipment and appliances	..	106	11	..	78	..	59
Rubber goods							
Golf balls							
New	633.2	662	6	1,092.1	521	} 942.3	516
Re-made	110.9	59	6	38.0	6		
Tennis balls, covered, ready for use	524.8	383	10	1,041.8	420	1,076.6	428
	Th. gross			Th. gross		Th. gross	
Shuttlecocks for badminton	14.1	147	6	28.4	107	23.4	88
Goods of leather or canvas							
Rucksacks	..	15	9	..	11	..	5
	Th. doz.			Th. doz.		Th. doz.	
Boxing gloves	9.1	67	9	} 21.6	53	} 22.7	67
Gloves for cricket, fives, etc.	11.2	82	26					..	20
	..	23					
	Th. doz.			Th. doz.		Th. doz.	
Football cases	31.5	426	16	26.3	90	} 30.4	100(a)
Footballs, complete	7.6	102	6	..	16		

TABLE 8 (contd.)

	1948 Sales			1937 Production		1935 Production	
	Quantity	Value	Entries	Quantity	Value	Quantity	Value
	Th. doz.	£'000	No.	Th. doz.	£'000	Th. doz.	£'000
Requisites for sports and athletics (contd.)							
Goods of leather or canvas (contd.)							
Cricket balls and other leather balls	21.6	150	15	15.4	92	17.3	64
Bags for cricket, tennis, golf, etc.	9.4	163	44	9.2	69	5.9	48(a)
Football and hockey shin guards	Th. doz. prs. 18.6	38	9	..	80	..	..
Other requisites of leather or canvas	..	206	22	..	128	..	225
Fishing tackle							
Rods	..	181	17	..	73(a)	..	71(a)
Reels	Th. doz. 5.2 ..	96 18	15	..	..	..	..
Other fishing tackle, except hooks, lines and nets (c)	..	332	36	..	253(a)	..	212(a)
Heads for golf clubs, sold separately	11.0 ..	53 8	16	19.3	37	5.8	15(a)
Skates	Th. doz. prs. 46.3 ..	180 13	10	Th. doz. prs. 11.9	31	Th. doz. prs. 9.4	25
Dartboards	Th. doz. 9.3 ..	49 35	7	..	..	..	..
Other requisites and parts (except strings for rackets)	..	501	51	..	128	..	88
Finished strings for tennis and other rackets	..	125	9	..	..	..	..
Musical instrument strings, wholly of gut	32.7 ..	10 13	6	..	158(a)	..	176(a)
Unclassified finished strings	..	47
Waste products	..	5	15	..	(d)	..	(d)

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TABLE 8 (contd.)

	1948 Sales			1937 Production		1935 Production	
	Quantity	Value	Entries	Quantity	Value	Quantity	Value
		£'000	No.		£'000		£'000
Repair work to sports requisites (e)		119	57		36		35
Work done for the trade or on commission (e)		6	5		..		..
Total		6,678	..		3,632		3,581
Less sales (or production in other trades (see Table 9)		1,444	..		902		893
Total principal products of this trade sold or made by establishments in the trade		5,234	117		2,730		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.

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

Larger establishments

TABLE 9

	1948 Sales			1937 Production		1935 Production	
	Quantity	Value	Entries	Quantity	Value	Quantity	Value
	Th. doz.	£'000	No.	Th. doz.	£'000	Th. doz.	£'000
Requisites for sports and athletics							
Woodworking section							
Tennis rackets	0.1	4	..	1.7	12	-	-
Other rackets, including badminton rackets	-	-	-				
Racket frames, unstrung	-	-	-	0.5	2	-	-
Presses for tennis, badminton, etc. rackets	-	-	-	3.3	2	-	-
Cricket bats, spliced	0.2	4	..	0.3	3	0.7	4
Golf requisites							
Golf clubs, complete	-	-	-	0.7	5	3.2	21
Other, except golf balls and bags and heads for golf clubs, sold separately	..	8	..	..	1	-	-
Hockey sticks	0.3	3	..	0.2	1	-	-
Table tennis sets and other equipment	..	87	13	-	-		
Tennis posts; table tennis tables; bowls; parts of tennis, badminton, etc. rackets, and other sports requisites of woods, including parts	..	60	..	..	6	..	7
Gymnasium equipment and appliances	..	14	..	-	-	-	-
Rubber goods							
Golf balls, new and re-made; and tennis balls, covered, ready for use	635.3	522	..	1136.3	469	1071.4	472

TABLE 9 (contd.)

	1948 Sales			1937 Production		1935 Production	
	Quantity	Value	Entries	Quantity	Value	Quantity	Value
	Th. doz. prs.	£'000	No.	Th. doz. prs.	£'000	Th. doz. prs.	£'000
Requisites for sports and athletics (contd.)							
Goods of leather or canvas							
Boxing gloves	-	-	-	7.6	21	4.6	13
Gloves for cricket, fives, etc.	2.1 ..	8 13	17				
Football cases	0.2	2	..	2.5	22	3.6	24
Footballs, complete	1.3	11	..	..	16		
Cricket balls and other leather balls	-	-	-	0.5	3	1.0	4
Bags for cricket, tennis, golf, etc.	5.1	65	30	5.7 ..	34 60		
Football and hockey shin guards	-	-	-	..	75	..	189
Other requisites of leather or canvas, including rucksacks	..	15	..				
Fishing tackle							
Rods	..	29	..	-	-	..	6
Reels	..	9	5	..	12	..	10
Other fishing tackle, except hooks, lines and nets	..	34	16				
Heads for golf clubs, sold separately	2.1 ..	5 8	..	-	-	-	-
Skates	18.3 ..	39 13	..				
Dartboards	1.2 ..	6 2	..				
Billiard balls, cues and other accessories; shuttlecocks for badminton; and other requisites and parts (except strings for rackets)	..	409	..	..	98	..	64

TABLE 9 (contd.)

	1948 Sales			1937 Production		1935 Production	
	Quantity	Value £'000	Entries No.	Quantity	Value £'000	Quantity	Value £'000
Requisites for sports and athletics (contd.)							
Finished strings for tennis and other rackets; and musical instrument strings, wholly of gut	...	76	...	..	55	...	79
Repair work		-	-		5(a)		-
Total		1,444	...		902		893

(a) Amount received.

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

Larger establishments

TABLE 10

	1948 Sales		1937 Production		1935 Production	
	Quantity	Value £'000	Quantity	Value £'000	Quantity	Value £'000
Billiard and bagatelle tables and accessories	..	3	..	77	..	68
Toys and indoor games	..	51	..	25	..	16
Dressed leather and goods of leather and leather substitutes	..	145	..	24	..	25
Rubber goods	..	28	..	2	..	3
Playground equipment (swings, slides, etc.)	..	33	-	-	-	-
Other goods	..	202	..	21	..	24
Work done (a)		23		3		3
Total		486		152		139

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

Analysis of sales, 1948

Larger establishments in Great Britain

TABLE 11

	Sales £'000	Percentage of total sales
Sales (or transfers) to other organisations under the same control		
Productive works	7	0.1
Export sales organisations (including branches abroad) and other wholesale or selling organisations	465	8.4
Retail shops, etc.	119	2.1
Total sales (or transfers) to other organisations under the same control	592	10.6
Sales to independent buyers		
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	216	3.9
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	62	1.1
Members of the public, including employees	39	0.7
Total sales to independent buyers	4,979	89.4
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.

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

TABLE 12

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

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

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

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

(d) Valued f.o.b.

(e) Valued c.i.f.

(f) The figures for oversea trade include golf bags.

(g) Partly estimated.

(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).

Purchased materials and fuel

Larger establishments

TABLE 13

	1948		1937		1935	
	Materials and fuel purchased		Usage of purchased materials and fuel			
	Quantity	Cost	Quantity	Cost	Quantity	Cost
	Th. cwts.	£'000		£'000		£'000
Materials						
Rubber in all forms	6.8	119	..	36 (a)		
Leather	..	408	..	79		
Timber, other than for packing cases	Th. cu. ft.					
Hardwood	228	161			..	(b)
Softwood	72	43		140		
	Th. sq. ft.					
Plywood	619	24				
Packing Materials	..	79	..	35		
	Th. sq. yds.					
Canvas	162	32				
Gut and gut string, unfinished	..	8				
	Th. lbs.					
Finished strings for tennis and other rackets	30	77				
	..	70	..	772	..	(b)
	Th. doz.					
Tennis balls, uncovered	44	8				
	Th. sq. yds.					
Cloth for tennis balls	43	29				
All other purchased materials	..	1,331				
Unclassified materials	-	-	..	289	..	1,271 (c)
Fuel and electricity	Th. tons		Th. tons		Th. tons	
Coal	4.6	14	3.9	6	3.8	5
Coke	2.8	10	..	(b)	1.8	3

TABLE 13 (contd.)

	1948		1937		1935	
	Materials and fuel purchased		Usage of purchased materials and fuel			
	Quantity	Cost	Quantity	Cost	Quantity	Cost
	Th. B.T.U. (kW. hrs.)	£'000	Th. B.T.U. (kW. hrs.)	£'000	Th. B.T.U. (kW. hrs.)	£'000
Fuel and electricity (contd.)						
Electricity purchased	5,609	36	2,270	11	2,871	14
Electricity obtained from other works under the same ownership	-	-	-	-	-	-
Motor spirit (petrol) and deriv. fuel	Th. galls.					
Used for road vehicles	54	6				
Used for other power purposes	7	-				
Other oil fuel (including creosote/pitch mixtures)	31	1				
	..	1				
Gas purchased	Th. therms			11		(b)
	149	7	..		..
	Th. cu. ft.					
	4,800	1				
Gas obtained from other works under the same ownership	-	-				
All other purchased fuel	-	-				
Total		2,504		1,382		1,293

(a) Rubber sheet and thread only.

(b) 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	Value
	£'000	£'000	£'000	£'000
Finished products	287	403		
Work in progress	368	461		
Total finished products and work in progress	655	864		
Materials and fuel	799	866		

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Employment and remuneration (a)

Larger establishments

TABLE 15

	Average number of operatives			Administrative, technical and clerical employees (b)			Total		
	1948	1937	1935	1948	1937	1935	1948	1937	1935
Males									
Under 18	497	658	632	23	47	39	520	705	671
All ages	3,807	3,873	3,963	645	619	617	4,452	4,492	4,580
Females									
Under 18	549	941	880	104	107	71	653	1,048	951
All ages	3,333	2,813	2,976	525	453	449	3,858	3,266	3,425
Total									
Under 18	1,046	1,599	1,512	127	154	110	1,173	1,753	1,622
All ages	7,140	6,886	6,939	1,170 (c)	1,072	1,066	8,310 (c)	7,758	8,005
							(d) (e)		
Total remuneration	£'000			£'000			£'000		
	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.

(d) 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	10	
Research work not directly connected with current production however charged	23	25

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.

	Average number of outworkers employed			Total amount paid to outworkers
	Males	Females	Total	
	£'000	£'000	£'000	£'000
1948	43	437	480	47
1937	43	153	196	..
1935	25	129	154	..

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

TABLE 16

	Amount paid by all establishments	Establishments making returns for the calendar year					Year
		Amount paid	Percentage of annual remuneration paid in				
			First quarter	Second quarter	Third quarter	Fourth quarter	
	£'000	£'000					
Wages and salaries of							
Operatives	1,685	932	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	25.5	24.2	26.0	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 £28,000.

Payments for certain services, 1948
Larger establishments in Great Britain

TABLE 18

	Amount paid
	£'000
Repair and maintenance	
Of buildings	19
Of plant, machinery and vehicles	46
Unclassified	17
Hire of plant, machinery and vehicles	5
Advertising and market research	
Advertising in newspapers, magazines and periodicals	21
Other advertising services (poster display, despatch of circulars, etc.) and market research	20
Unclassified	20
Payments made for research work	
To research associations	-
To universities, institutions, academic bodies and similar agencies	-
To other commercial concerns	1
Postage, telephone, telegrams and cables	39
Commercial insurance premiums	34
Rates (excluding water rates) payable in the year	10

Plant, machinery and vehicles acquired and disposed of, 1948

Larger establishments in Great Britain

TABLE 19

	Acquisitions		Disposals
	New	Second-hand	
	£'000	£'000	£'000
Plant and machinery	98	4	10
Vehicles	12	7	4
Total	110	11	14

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

TABLE 20

	£'000	£'000
1. Capital expenditure on building work (a)		62
2. Existing buildings and land (b)		
(1) Capital cost of freeholds bought	2	
Estimated capital value of		
(11) Rented property newly occupied in the year (c)	1	
(111) Leasehold buildings and land newly occupied in the year	-	
Total of heading 2		3
Total of headings 1 and 2		65
3. Existing buildings and land relinquished (d)		
(1) Selling value of freeholds sold	2	
(11) Estimated value of other properties relinquished	104	
Total of heading 3		106
4. Headings 1 and 2 less heading 3		- 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.

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

	England and Wales	Scotland	Great Britain
Gross output (production)	£'000 5,359	£'000 543	£'000 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	1,964	196	2,160
Average number of persons employed (a)	No. 7,571	No. 774	No. 8,345
Net output per person employed (a)	£ 412	£ 407	£ 412
Stocks at end of year	£'000	£'000	£'000
Finished products and work in progress	820	44	864
Materials and fuel	751	115	866
Number of establishments	No. 113	No. 19	No. 132

(a) Excluding outworkers.

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

	England and Wales	Scotland	Great Britain
Output of firms in this trade	£'000	£'000	£'000
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	- 54	- 13	- 67
Materials and fuel used	2,210	227	2,437

Summary

Small firms

TABLE 22

	England and Wales	Scotland	Great Britain
Number of returns	116	39	155
Average number of persons employed (a)			
Males	415	128	543
Females	226	51	277
Total	641	179	820

(a) Including working proprietors.

Sales in the trade
Larger establishments

TABLE 23

	England and Wales		Scotland		Great Britain	
	Quantity	Value	Quantity	Value	Quantity	Value
	Th. doz.	£'000	Th. doz.	£'000	Th. doz.	£'000
Principal products						
Requisites for sports and athletics						
Woodworking section						
Tennis rackets	18.0	468	-	-	18.0	468
Badminton rackets	4.3	82	-	-	4.3	82
Other rackets	0.9	18	-	-	0.9	18
Racket frames, unstrung	14.4	210	-	-	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						
Golf clubs complete	11.8	197	15.6	259	27.4	456
Other, except golf balls and bags and heads for golf clubs, sold separately	..	1	..	7	..	7
Hockey sticks	10.6	122	-	-	10.6	122
	Thous.				Thous.	
Croquet sets, complete	1.1	7	-	-	1.1	7
Table tennis sets and other equipment	..	45	-	-	..	45
Tennis posts; table tennis tables; bowls; parts of tennis, badminton, etc. rackets, and other sports requisites of wood, including parts	..	(a)	..	(a)	..	179
Gymnasium equipment and appliances	..	(a)	..	(a)	..	92

TABLE 23 (contd.)

	England and Wales		Scotland		Great Britain	
	Quantity	Value	Quantity	Value	Quantity	Value
	Th. doz.	£'000	Th. doz.	£'000	Th. doz.	£'000
Principal products (contd.)						
Requisites for sports and athletics (contd.)						
Rubber goods						
Golf balls, new and re-made; and tennis balls, covered, ready for use	633.6	583	-	-	633.6	583
Goods of leather or canvas	Th. doz. prs.				Th. doz. prs.	
Boxing gloves	9.1	67	-	-	9.1	67
Gloves for cricket, fives, etc.	{ 9.1 ..	{ 74 10	{ - -	{ - -	{ 9.1 ..	{ 74 10
Football cases					31.3	424
Football, complete					6.3	91
Cricket balls and other leather balls	..	(a)	..	(a)	21.6	150
Bags for cricket, tennis, golf, etc.					4.3	99
	Th. doz. prs.				Th. doz. prs.	
Football and hockey shin guards	18.6	38	-	-	18.6	38
Other requisites of leather or canvas, including rucksacks	..	184	..	22	..	206
Fishing tackle						
Rods	..	(a)	..	(a)	..	152
	Th. doz.				Th. doz.	
Reels	{ 5.2 ..	{ 96 8	{ - -	{ - -	{ 5.2 ..	{ 96 8
Other fishing tackle, except hooks, lines and nets	..	(a)	..	(a)	..	298
Heads for golf clubs, sold separately	1.1	5	7.7	43	8.8	48
	Th. doz. prs.				Th. doz. prs.	
Skates	27.9	142	-	-	27.9	142

TABLE 23 (contd.)

	England and Wales		Scotland		Great Britain	
	Quantity	Value	Quantity	Value	Quantity	Value
	Th. doz.	£'000	Th. doz.	£'000	Th. doz.	£'000
Principal products (contd.)						
Requisites for sports and athletics (contd.)						
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 rackets)	..	355	..	12	..	367
Finished strings for tennis and other rackets; and musical instrument strings, wholly of gut	..	120	-	-	..	120
Waste products	..	5	-	-	..	5
Repair work to sports requisites (b)		103		16		119
Work done for the trade or on commission (b)		6		-		6
Total principal products		4,708		528		5,234
Other output						
Billiard and bagatelle tables and accessories	..	3	-	-	..	3
Toys and indoor games	..	51	-	-	..	51
Dressed leather and goods of leather and leather substitutes	..	145	-	-	..	145
Rubber goods	..	28	-	-	..	28
Playground equipment (swings, slides, etc.)	..	33	-	-	..	33
Other goods	..	202	..	1	..	202
Work done (b)		16		7		23
Total		5,186		534		5,720

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

(b) Amount charged.

Purchased materials and fuel

Larger establishments

TABLE 24

	England and Wales		Scotland		Great Britain	
	Quantity	Cost	Quantity	Cost	Quantity	Cost
	Th. cwts.	£'000	Th. cwts.	£'000	Th. cwts.	£'000
Materials						
Rubber in all forms	6.8	119	-	-	6.8	119
Leather	..	343	..	65	..	408
Timber, other than for packing cases	Th. cu. ft.		Th. cu. ft.		Th. cu. ft.	
Hardwood	224	151	4	10	228	161
	..	40	..	1	..	41
Softwood	..	(a)	..	(a)	72	43
					Th. sq. ft.	
Plywood	..	(a)	..	(a)	619	24
Packing materials	..	76	..	3	..	79
					Th. sq. yds.	
Canvas	..	(a)	..	(a)	162	32
Gut and gut string, unfinished	..	8	-	-	..	8
	Th. lbs.				Th. lbs.	
Finished strings for tennis and other rackets	30	77	-	-	30	77
	..	70			..	70
	Th. doz.				Th. doz.	
Tennis balls, uncovered	44	8	-	-	44	8
	Th. sq. yds.				Th. sq. yds.	
Cloth for tennis balls	43	29	-	-	43	29
All other purchased materials	..	1,179	..	151	..	1,331
	Th. tons		Th. tons		Th. tons	
Fuel and electricity						
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.)	
Electricity purchased	5,124	32	485	3	5,609	36
Electricity obtained from other works under the same ownership	-	-	-	-	-	-

TABLE 24 (contd.)

	England and Wales		Scotland		Great Britain	
	Quantity	Cost	Quantity	Cost	Quantity	Cost
	Th. galls.	£'000	Th. galls.	£'000	Th. galls.	£'000
Fuel 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	14	1	31	1
	..	1	..	..	..	1
	Th. therms		Th. therms		Th. therms	
Gas purchased	139	7	9	-	149	7
	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	-	-	-	-	-	-
Total		2,264		240		2,504

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

Employment and remuneration: Larger establishments

TABLE 25

	England and Wales			Scotland			Great Britain		
	Average number of operatives	Administrative, technical and clerical employees (a)	Total	Average number of operatives	Administrative, technical and clerical employees (a)	Total	Average number of operatives	Administrative, technical and clerical employees (a)	Total
Males									
Under 18	390	23	413	107	-	107	497	23	520
All ages	3,295	612	3,907	512	33	545	3,807	645	4,452
Females									
Under 18	470	94	564	79	10	89	549	104	653
All ages	3,165	474	3,639	168	51	219	3,333	525	3,858
Total									
Under 18	860	117	977	186	10	196	1,046	127	1,173
All ages	6,460	1,086(b)	7,546 (b) (c)	680	84(b)	764 (b) (c)	7,140	1,170(b)	8,310 (b) (c)
Total remuneration	£'000	£'000	£'000	£'000	£'000	£'000	£'000	£'000	£'000
	1,520	444	1,964	165	31	196	1,685	475	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 £80,000; £55,000 for England and Wales, and £25,000 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 number of outworkers employed			Total amount paid to outworkers £'000
	Males	Females	Total	
England and Wales	42	437	479	47
Scotland	1	-	1	-
Great Britain	43	437	480	47

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

TABLE 26

Month	Monthly index (a)			Month	Monthly index (a)		
	England and Wales	Scotland	Great Britain		England and Wales	Scotland	Great Britain
1948				1948			
January	103.7	104.1	103.8	August	97.6	100.0	97.7
February	104.5	103.0	104.4	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 covered by the index	57.2	24.9	54.1
July	99.0	99.4	99.0				

(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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