



BOARD OF TRADE

FINAL REPORT
on the
CENSUS OF PRODUCTION
FOR 1948

Volume 5

Trade L

Musical Instruments

*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

List of Tables

Table No.	Title	Page.
1	Summary: Larger establishments	5/L/2
2	Summary, 1948: Small firms in Great Britain	5/L/3
3	Estimated average employment, 1948: All firms in Great Britain	5/L/3
4	Analysis by size, 1948: Larger establishments in Great Britain	5/L/3
5	Analysis by standard region, 1948: Larger establishments in Great Britain	5/L/4
6	Analysis according to specialisation within the trade, 1948: Larger establishments in Great Britain	5/L/5
7	Total make of intermediate products: Larger establishments	*
8	Sales (or production) of the principal products of the trade, including sales (or production) of these products by establishments classified to other trades: Larger establishments	5/L/6
9	Sales (or production) of principal products of the trade by establishments classified to other trades: Larger establishments	5/L/8
10	Sales (or production) in the trade of other than principal products: Larger establishments	5/L/8
11	Analysis of sales, 1948: Larger establishments in Great Britain	5/L/9
12	Production, exports and imports of certain principal products: Larger establishments	5/L/10
13	Purchased materials and fuel: Larger establishments	5/L/11
14	Stocks of finished products and work in progress and stocks of materials and fuel, 1948: Larger establishments in Great Britain	5/L/12
15	Employment and remuneration: Larger establishments	5/L/13
16	Wages and salaries paid, 1948: Larger establishments in Great Britain	5/L/14
17	Payments for work done on materials given out, 1948: Larger establishments in Great Britain	5/L/14
18	Payments for certain services, 1948: Larger establishments in Great Britain	5/L/14
19	Plant, machinery and vehicles acquired and disposed of, 1948: Larger establishments in Great Britain	5/L/15
20	Capital expenditure on building work and changes in occupation of buildings and land, 1948: Larger establishments in Great Britain	5/L/15

Country Tables

Table No.	Title	Page
21	Summary: Larger establishments	5/L/16
22	Summary: Small firms	5/L/17
23 or 23(1)	Sales in the trade: Larger establishments	5/L/18
23(11)	Sales in the trade: Small firms	*
24 or 24(1)	Purchased materials and fuel: Larger establishments	5/L/19
24(11)	Purchased materials and fuel: Small firms	*
25 or 25(1)	Employment and remuneration: Larger establishments	5/L/21
25(11)	Employment: Small firms	*
26	Monthly index of employment of operatives: Larger establishments	5/L/22

* Not applicable to this trade

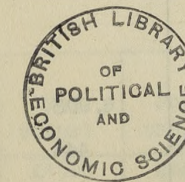
MUSICAL INSTRUMENTS TRADE

THIS REPORT on the Musical Instruments Trade relates to establishments engaged wholly or mainly in the manufacture of pianos, organs and other musical instruments. The manufacture of gramophone records is included, but the manufacture of gramophones is excluded, the latter being covered by the Radio and Telecommunications Trade.

Establishments engaged solely in repair work and tuning were not covered by the 1937 Inquiry. Table 1, therefore, gives, as well as the full totals for 1935, figures for that year relating to the sections of the trade included in the 1937 Inquiry.

This trade corresponds to minimum list heading 103 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.



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MUSICAL INSTRUMENTS TRADE

Summary

Larger establishments

TABLE 1

	All sections of the trade	Sections of the trade covered by the 1937 Inquiry		All sections of the trade
	1948 (a)	1937 (b)	1935 (b)	1935 (b)
Gross output (production)	£'000 7,501	£'000 3,674	£'000 3,676	£'000 3,839
Cost of materials and fuel used	2,843	1,446	1,498	1,511
Payment for work done on materials given out	25	6	7	8
Net output	4,633	2,222	2,171	2,320
Wages and salaries of persons employed	£'000 2,129	No. ..	No. ..	No. ..
Average number of persons employed (c)	No. 6,323(d)	No. 8,270	No. 8,987	No. 9,854
Net output per person employed (c)	£ 733	£ 269	£ 242	£ 235
Stocks at end of year	£'000	£'000	£'000	£'000
Finished products and work in progress	1,083	..	..	..
Materials and fuel	1,601	..	..	..
Number of establishments	No. 97	No. ..	No. 107	No. 150

(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:-

	All sections of the trade	Sections of the trade covered by the 1937 Inquiry		All sections of the trade
	1948	1937	1935	1935
Output of firms in this trade	£'000	£'000	£'000	£'000
Total value of sales (1948) or production (1937 and 1935)				
Principal products (see Table 8)	6,903	3,313	3,309	3,472
Other output (see Table 10)	444	361	367	367
Adjustment for changes in stocks and work in progress (see Table 14)	+ 195	..	..	..
	7,541	3,674	3,676	3,839
Less payment for transport by other firms	40			
Gross output (production)	7,501	3,674	3,676	3,839
Materials and fuel used by firms in this trade				
Purchases (see Table 13)	2,997	1,446	1,498	1,511
Adjustment for changes in stocks (see Table 14)	- 154			
Materials and fuel used	2,843	1,446	1,498	1,511

Summary, 1948

Small firms in Great Britain

TABLE 2

Number of returns	235
Average number of persons employed (a)	
Males	1,086
Females	127
Total	1,213

(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)	6,323
Employing on average ten persons or less (b)	1,213
	7,536
Estimated average employment in firms not making satisfactory returns	134
Estimated average employment in all firms	7,670

(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	44	610	381	748	189	47	237	509
25-49	21	606	334	720	203	41	244	464
50-99	20	1,230	756	1,348	372	94	466	561
100 and over	12	5,055	3,162	3,507	798	385	1,183	902
Total	97	7,501	4,633	6,323	1,562	567	2,129	733

Analysis by standard region, 1948

Larger establishments in Great Britain

TABLE 5

Region	Establishments	Gross output	Net output		Persons employed	Remuneration		
			Value	Percentage of total		Wages	Salaries	Total
	No.	£'000	£'000		No.	£'000	£'000	£'000
England								
Northern; and East and West Ridings of Yorkshire	6	99	84	1.8	189	47	10	57
North Midland	3	156	99	2.1	170	39	14	53
Eastern; and Southern	4	64	43	0.9	84	23	3	26
London and South Eastern	63	6,651	4,051	87.4	5,120	1,271	506	1,777
South Western	7	204	120	2.6	234	65	11	77
Midland	5	134	92	2.0	218	41	7	48
North Western	5	157	115	2.5	249	61	12	74
Total England	93	7,464	4,604	99.4	6,264	1,549	563	2,112
Wales	-	-	-	-	-	-	-	-
Scotland	4	37	29	0.6	59	13	5	18
Great Britain	97	7,501	4,633	100.0	6,323	1,562	567	2,129

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									
Pianos, organs, and parts (including organs rebuilt, pianos reconditioned, and piano and organ tuning and repair)	74	2,724	2,159	1,632	3,120	865	195	1,060	523
Remainder of the trade	23	4,777		3,001	3,203	697	373	1,070	937
Total	97	7,501		4,633	6,323	1,562	567	2,129	733

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

TABLE 8

	1948 (a)			1937 (b)		1935 (b)	
	Sales			Production		Production	
	Quantity	Value	Entries	Quantity	Value	Quantity	Value
	No.	£'000	No.	No.	£'000	No.	£'000
Pianos							
Complete							
Not automatic ("straight")	13,132	1,124	21	48,263	1,255	51,309	1,242
Automatic ("player")	-	-	-	189	8	292	13
Reconditioned (c)	5,949	407	14	-	-	-	-
Parts (d)							
Keyboard sets	14,001	75	..	46,483	76	40,940	90
Actions	16,613	125	..	54,628	163	51,740	150
Other	..	76	9	..	161(e)	..	135
Organs (including harmoniums)							
Complete, not automatic (except rebuilt organs)	75	101	11	321	270	194	222
Parts and fittings	..	79	10	..	40	..	20
Stringed musical instruments, including parts and accessories (except strings wholly of gut)	..	66	6	..	18(f)	..	18(f)
Wood and metal wind musical instruments	Thous.			Thous.		Thous.	
Complete	{ 27.8	151	} 7	{ 12.5	82	6.2	57
	..	15		..	23	..	22
Parts and accessories	..	18	5	..	10	..	10
Matrices impressed for the reproduction of gramophone records; and biscuits (gramophone record blanks) so far as recorded separately.	..	115	..	..	38(g)	..	(h)

TABLE 8 (contd.)

	1948 (a)			1937 (b)		1935 (b)	
	Sales			Production		Production	
	Quantity	Value	Entries	Quantity	Value	Quantity	Value
	No.	£'000	No.	£'000	£'000	£'000	
Percussion instruments							
Complete							
Drums	6,971	52	..				
Other	47,929	15	6				
Parts and accessories	..	31	5				
Records for gramophones and phonographs; and musical instruments (including parts and accessories) not elsewhere specified	..	3,873	..	..	994	..	1,145
Reconditioned musical instruments other than pianos (c)	..	32	5	-	-	-	-
Waste products	..	14	15	..	(h)	..	(h)
Work done for the trade or on commission (i)		34	8				
Repairs (including renovation, upkeep and tuning of musical instruments) (i)					217		372(j)
Organs rebuilt	{ 146	142	} 23				
	..	31					
Other		448	58				
Total		7,025	..		3,355		3,496
Less sales (or production) in other trades (see Table 9)		122	..		42		24
Total principal products of this trade sold or made by establishments in the trade		6,903	89		3,313		3,472

(a) Great Britain only.

(b) United Kingdom.

(c) So far as recorded separately.

(d) Excluding piano frames of cast iron, for which see the Iron Foundries Trade (Volume 3, Trade C), and piano wire.

(e) Including unclassified parts.

(f) Excluding all strings.

(g) Matrices only.

(h) Not recorded separately.

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

(j) Including the output (£163,000) returned by firms not covered by the 1937 Inquiry.

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

Larger establishments

TABLE 9

	1948 (a) Sales			1937 (b) Production		1935 (b) Production	
	Quantity	Value	Entries	Quantity	Value	Quantity	Value
		£'000	No.		£'000		£'000
Pianos (including reconditioned pianos), complete; and parts other than keyboard sets and actions	..	21	..	..	25	..	15
Records for gramophones and phonographs; and musical instruments (including parts and accessories) not elsewhere specified (other than organs, complete; drums; parts and accessories of percussion instruments; matrices for the reproduction of gramophone records; and biscuits (gramophone record blanks))	..	93	..	..	17	..	9
Repairs to musical instruments, other than organs rebuilt		8(c)	..	..	-		-
Total		122	..	..	42		24

(a) Great Britain only.

(b) United Kingdom.

(c) Amount charged.

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

Larger establishments

TABLE 10

	1948 (a)	1937 (b)	1935 (b)
	Sales	Production	Production
	£'000	£'000	£'000
Furniture mainly of wood (including wireless cabinets)	19	11	44
Other manufactures of timber	45	2	2
Other goods	378	348	321
Work done	2(c)	-	-
Total	444	361	367

(a) Great Britain only.

(b) United Kingdom.

(c) Amount charged.

Analysis of sales, 1948

Larger establishments in Great Britain

TABLE 11

	Sales	Percentage of total sales
	£'000	
Sales (or transfers) to other organisations under the same control		
Productive works	-	-
Export sales organisations (including branches abroad)	480	7.2
Other wholesale or selling organisations	624	9.3
Retail shops, etc.	358	5.3
Total sales (or transfers) to other organisations under the same control	1,461	21.8
Sales to independent buyers		
Exports invoiced directly overseas	1,646	24.6
Exports invoiced to Crown Agents and purchasing houses in this country of individual firms and governments abroad	63	0.9
His Majesty's Government and Local Authorities (other than productive establishments)	29	0.4
Manufacturers, repairers, builders, mines, public utilities, and transport and other productive undertakings	226	3.4
Wholesalers, merchants and other agents for resale	1,558(a)	23.3
Retailers, including multiple shops, caterers and N.A.A.F.I., for resale	1,564	23.4
Other businesses (including farmers) and institutions of all kinds	113	1.7
Members of the public, including employees	36	0.5
Total sales to independent buyers	5,236	78.2
Total	6,697	100.0

(a) Of this total £1,538,000 was recorded as divided between £1,023,000 for export and £515,000 for other sales.

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

TABLE 12

		Production (b) (c)	Exports (d)	Retained Imports (e)
		No.	No.	No.
Pianos				
Complete, not automatic (including reconditioned pianos)	{ 1948 1937	19,081 48,283	13,296 3,599	42 1,250
		£'000	£'000	£'000
Parts (f)	{ 1948 1937	276 400	89 21	3 20
Organs (including harmoniums)		No.	No.	No.
Complete, not automatic (including rebuilt organs)	{ 1948 1937	253(g) 321	220 137	(h) 47
		£'000	£'000	£'000
Parts and fittings (f)	{ 1948 1937	79 40	16 10	1 5
Wood and metal wind instruments, complete	{ 1948 1937	166 105	127 29	24 483
Matrices impressed for the reproduction of gramophone records; and biscuits (gramophone record blanks) (i)	{ 1948 1937	115 38	11 6	40 13
Records for gramophones and phonographs; and all other musical instruments, including parts and accessories (except strings wholly of gut) and reconditioned musical instruments other than pianos (j)	{ 1948 1937	4,087 1,022	1,704 334	93 111

(a) Figures of sales (or production) refer only to larger establishments in Great Britain (1948) or the United Kingdom (1937). All recorded exports from and imports into the United Kingdom are given in the table. The figures, therefore, are not strictly comparable.

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

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

(d) Valued f.o.b.

(e) Valued c.i.f.

(f) The overseas trade figures are exclusive of all parts and fittings for automatic pianos or organs.

(g) Partly estimated.

(h) Re-exports in excess of imports.

(i) The overseas trade figures and those for production for sale in 1937 relate to matrices only.

(j) The overseas trade figures and those for production for sale in 1937 are exclusive of all musical instrument strings.

Purchased materials and fuel

Larger establishments

TABLE 13

	1948 (a)		1937 (b)		1935 (b)	
	Materials and fuel purchased		Usage of purchased materials and fuel			
	Quantity	Cost	Quantity	Cost	Quantity	Cost
	No.	£'000	No.	£'000		£'000
Materials						
Piano frames	14,092	67	47,221	67		
Piano keyboard sets	11,875	65	..	208	..	(c)
Piano actions	13,398	108				
Packing materials	..	255	..	17		
Hardwoods	Th. cu.ft. 146	114				
Softwoods	Standards 520	43				
Plywood	Th. sq.ft. 308	22				
Veneers	1,593	27				
Brass and other copper alloys (excluding nickel alloys, piano wire, and all finished parts)	Th. cwts. 3.7 ..	38 7	..	1,108	..	1,465(e)
Piano wire	0.3	4				
Bass strings (copper covered) for pianos	No. of sets 14,715	20				
Electric motors	No. 186	3				
Second-hand pianos (d)	..	198				
All other purchased materials and components	..	1,925				
Fuel and electricity	Th. tons		Th. tons		Th. tons	
Coal	2.8	10	13.3	17	16.2	20
Coke	{ 1.6 ..	{ 6 1	..	(c)	1.9	3

TABLE 13 (contd.)

	1948 (a)		1937 (b)		1935 (b)	
	Materials and fuel purchased		Usage of purchased materials and fuel			
	Quantity	Cost	Quantity	Cost	Quantity	Cost
Fuel and electricity (contd.)	Th. B.T.U. (kW. hrs.)	£'000	Th. B.T.U. (kW. hrs.)	£'000	Th. B.T.U. (kW. hrs.)	£'000
Electricity purchased from public supply and electricity obtained from other works under the same ownership	8,775	44	3,813	17	5,056	23
Electricity purchased from other sources	Th. galls.	-				
Motor spirit (petrol) and deriv. fuel and other oil fuel (including creosote/pitch mixtures)	814	31	..	12	..	(c)
Gas purchased from public supply and gas obtained from other works under the same ownership	193	9				
Gas purchased from other sources	..	1				
All other purchased fuel	-	-				
Total		2,997		1,446		1,511

(a) Great Britain only.

(b) United Kingdom.

(c) Not recorded separately.

(d) So far as recorded separately.

(e) 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	
	Quantity	Value	Quantity	Value
	No.	£'000	No.	£'000
Finished products				
Pianos, complete, not automatic ("straight")	879	49	898	49
Other finished products	..	330	..	386
Work in progress		510		648
Total finished products and work in progress		888		1,083
Materials and fuel		1,447		1,601

Employment and remuneration (a)

Larger establishments

TABLE 15

	Average number of operatives				Administrative, technical and clerical employees (b)				Total			
	All sections of the trade	Sections of the trade covered by the 1937 Inquiry	All sections of the trade	All sections of the trade	Sections of the trade covered by the 1937 Inquiry	All sections of the trade	All sections of the trade	Sections of the trade covered by the 1937 Inquiry	All sections of the trade	Sections of the trade covered by the 1937 Inquiry	All sections of the trade	
	1948(c)	1937(d)	1935(d)	1935(d)	1948(c)	1937(d)	1935(d)	1935(d)	1948(c)	1937(d)	1935(d)	1935(d)
Males												
Under 18	379	701	751	828	19	63	50	50	398	764	801	876
All ages	3,990	5,771	6,342	7,055	624	726	718	793	4,614	6,497	7,060	7,848
Females												
Under 18	77	238	251	254	72	89	73	74	149	327	324	328
All ages	1,150	1,405	1,553	1,595	544	368	374	411	1,694	1,773	1,927	2,006
Total												
Under 18	456	939	1,002	1,080	91	152	123	124	547	1,091	1,125	1,204
All ages	5,140	7,176	7,895	8,650	1,168 (e)	1,094	1,092	1,204	6,308 (e) (f) (g)	8,270	8,987	9,854
Total remuneration	£'000				£'000				£'000			
	1,532	..	..	..	567	..	..	..	2,129	..	..	..

(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	4 males	42 females
Other workers	45 males	12 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, 15 male working proprietors 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 £49,000.

(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		11
Maintenance and repair of firms' buildings, but not plant		4
Research work not directly connected with current production however charged	1	9

In addition to the employees in the above table the firms in this trade employed 4 male and 23 female outworkers in 1948, the amount paid to them being £4,000. Similar information is not available for 1937 and 1935.

PRECISION INSTRUMENTS, JEWELLERY, ETC.

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

TABLE 16

	Amount paid by all establishments	Establishments making returns for the calendar year					
		Amount paid	Percentage of annual remuneration paid in				
			First quarter	Second quarter	Third quarter	Fourth quarter	Year
	£'000	£'000					
Wages and salaries of Operatives	1,562	587	24.3	24.9	24.5	26.3	100.0
Administrative, technical and clerical employees	567	142	24.0	24.7	25.6	25.6	100.0
Total	2,129	730	24.3	24.9	24.7	26.2	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 £25,000.

Payments for certain services, 1948
Larger establishments in Great Britain

TABLE 18

	Amount paid
	£'000
Repair and maintenance	
Of buildings	30
Of plant, machinery and vehicles	46
Unclassified	5
Hire of plant, machinery and vehicles	6
Advertising and market research	
Advertising in newspapers, magazines and periodicals	122
Other advertising services (poster display, despatch of circulars, etc.) and market research	69
Unclassified	10
Payments made for research work	
To research associations	6
To universities, institutions, academic bodies and similar agencies	-
To other commercial concerns	-
Postage, telephone, telegrams and cables	22
Commercial insurance premiums	37
Rates (excluding water rates) payable in the year	15

MUSICAL INSTRUMENTS

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	79	24	6
Vehicles	7	5	4
Total	86	29	10

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)		33
2. Existing buildings and land acquired (b)		27
Total of headings 1 and 2		60
3. Existing buildings and land relinquished (c)		
(1) Selling value of freeholds sold		-
(11) Estimated value of other properties relinquished	14	
Total of heading 3		14
4. Headings 1 and 2 less heading 3		46

(a) Excluding site value which, where appropriate, is included in heading 2.
(b) The figure does not reflect changes in ownership of previously occupied land and buildings.
(c) Including property destroyed or abandoned.

MUSICAL INSTRUMENTS TRADE

1948

Note - There were no larger establishments in Wales in the register for this trade.

Summary

Larger establishments

TABLE 21

	England	Scotland	Great Britain
	£'000	£'000	£'000
Gross output (production)	7,464	37	7,501
Cost of materials and fuel used	2,835	8	2,843
Payment for work done on materials given out	25	-	25
Net output	4,604	29	4,633
Wages and salaries of persons employed	2,112	18	2,129
Average number of persons employed (a)	6,264	59	6,323
Net output per person employed (a)	735	495	733
Stocks at end of year	£'000	£'000	£'000
Finished products and work in progress	1,076	7	1,083
Materials and fuel	1,594	7	1,601
Number of establishments	No. 93	No. 4	No. 97

(a) Excluding outworkers.

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

	England	Scotland	Great Britain
	£'000	£'000	£'000
Output of firms in this trade			
Total value of sales (see Table 23)	7,310	36	7,347
Adjustment for changes in stocks and work in progress	+ 193	+ 1	+ 195
	7,504	38	7,541
Less payment for transport by other firms	40	-	40
Gross output (production)	7,464	37	7,501
Materials and fuel used by firms in this trade			
Purchases (see Table 24)	2,988	9	2,997
Adjustment for changes in stocks	- 153	- 1	- 154
Materials and fuel used	2,835	8	2,843

Summary

Small firms

TABLE 22

	England	Wales	Scotland	Great Britain
Number of returns	210	10	15	235
Average number of persons employed (a)				
Males	978	33	75	1,086
Females	109	10	8	127
Total	1,087	43	83	1,213

(a) Including working proprietors.

Sales in the trade
Larger establishments

TABLE 23

	England		Scotland		Great Britain	
	Quantity	Value	Quantity	Value	Quantity	Value
	No.	£'000		£'000	No.	£'000
Principal products						
Pianos (including reconditioned pianos), complete; and parts other than keyboard sets and actions	..	(a)	..	(a)	..	1,587
Keyboard sets	14,001	75	-	-	14,001	75
Actions	16,613	125	-	-	16,613	125
Organs (including harmoniums), complete, not automatic (except rebuilt organs)	..	(a)	..	(a)	75	101
Matrices impressed for the reproduction of gramophone records; and biscuits (gramophone record blanks) so far as recorded separately	..	115	-	-	..	115
Drums	6,971	52	-	-	6,971	52
Parts and accessories of percussion instruments	..	31	-	-	..	31
Records for gramophones and phonographs; and musical instruments (including parts and accessories), not elsewhere specified	..	(a)	..	(a)	..	4,124
Reconditioned musical instruments other than pianos	..	(a)	..	(a)	..	32
Waste products	..	14	-	-	..	14
Work done for the trade or on commission (b)		34		-		34
Repairs (including renovation, upkeep and tuning of musical instruments) (b)						
Organs rebuilt	..	(a)	..	(a)	146	142
Other		(a)		(a)	..	31
Total principal products		6,868		36		6,903
Other output						
Furniture mainly of wood (including wireless cabinets)	..	19	-	-	..	19
Other manufactures of timber	..	45	-	-	..	45
Other goods	..	378	-	-	..	378
Work done (b)		2		-		2
Total		7,310		36		7,347

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

Purchased materials and fuel

Larger establishments

TABLE 24

	England		Scotland		Great Britain	
	Quantity	Cost	Quantity	Cost	Quantity	Cost
	No.	£'000		£'000	No.	£'000
Materials						
Piano frames	14,092	67	-	-	14,092	67
Piano keyboard sets	11,875	65	-	-	11,875	65
Piano actions	13,398	108	-	-	13,398	108
Packing materials	..	255	-	-	..	255
Hardwoods	}	(a)	..	(a)	Th. cu. ft.	114
Softwoods					Standards	43
Plywood					Th. sq. ft.	22
Veneers	1,593	27	-	-	1,593	27
Brass and other copper alloys (excluding nickel alloys, piano wire, and all finished parts)	Th. cwts.	38	}	-	Th. cwts.	38
	3.7	7			..	7
Piano wire	0.3	4	-	-	0.3	4
Bass strings (copper covered) for pianos	No. of sets	20	-	-	No. of sets	20
Electric motors	14,715	20	-	-	14,715	20
Secondhand pianos	No.	3	-	-	No.	3
All other purchased materials and components	186	3	-	-	186	3
Fuel and electricity	..	(a)	..	(a)	..	198
Coal	..	1,919	..	6	..	1,925
Coke	Th. tons				Th. tons	
	2.8	10	-	-	2.8	10
Electricity purchased from public supply and electricity obtained from other works under the same ownership	1.6	6	}	-	1.6	6
	..	1			..	1
Electricity purchased from other sources	..	(a)	..	(a)	Th. B.T.U. (kW. hrs.)	44
	..	8,775				

TABLE 24 (contd.)

	England		Scotland		Great Britain	
	Quantity	Cost	Quantity	Cost	Quantity	Cost
		£'000		£'000	Th. galls.	£'000
Fuel and electricity (contd.)						
Motor spirit (petrol) and derv. fuel, and other oil fuel (including creosote/pitch mixtures)	..	(a)	..	(a)	814	31
					Th. therms	
Gas purchased from public supply and gas obtained from other works under the same ownership	..	(a)	..	(a)	193	9
					..	1
Gas purchased from other sources	-	-	-	-	-	-
All other purchased fuel	-	-	-	-	-	-
Total		2,988		9		2,997

(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			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	374	19	393	5	-	5	379	19	398
All ages	3,947	616	4,563	43	8	51	3,990	624	4,614
Females									
Under 18	77	72	149	-	-	-	77	72	149
All ages	1,150	537	1,687	-	7	7	1,150	544	1,694
Total									
Under 18	451	91	542	5	-	5	456	91	547
All ages	5,097	1,153 (b)	6,250 (b) (c)	43	15 (b)	58 (b) (c)	5,140	1,168 (b)	6,308 (b) (c)
	£'000	£'000	£'000	£'000	£'000	£'000	£'000	£'000	£'000
Total remuneration	1,549	563	2,112	13	5	18	1,562	567	2,129

(a) Number at September 25, 1948.

(b) There were, in addition, 15 male working proprietors in Great Britain; 14 in England and 1 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 £49,000; £48,000 for England, and £1,000 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
	Males	Females	Total	
				£'000
England	2	23	25	4
Scotland	2	-	2	1
Great Britain	4	23	27	4

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

TABLE 26

Month	Monthly index (a)	Month	Monthly index (a)
	Great Britain (b)		Great Britain (b)
1948		1948	
January	100.2	August	99.9
February	99.0	September	102.1
March	99.3	October	103.0
April	98.7	November	101.8
May	97.9	December	102.0
June	98.4	Percentage employment in this trade covered by the index	35.7
July	97.7		

(a) The index numbers are calculated from the number of operatives employed in one week in each month returned by larger establishments that made returns for the calendar year 1948.
(b) Owing to the risk of disclosure of information relating to individual firms separate particulars for England and Scotland cannot be given.

Total month paid to operatives	Average number of operatives employed		
	Total	England	Scotland
21,000			
4	22	22	2
1	2	-	2
4	22	22	2

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