



BOARD OF TRADE

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FINAL REPORT
on the
CENSUS OF PRODUCTION
FOR 1948

Volume 1

Trade G

China and Earthenware

*Presented by the Board of Trade to Parliament
in pursuance of the Statistics of Trade Act, 1947
(10 & 11 Geo. 6, Ch. 39, Sec. 7).*

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In interpreting the data in the following tables, it is essential to bear in mind not only the qualifications mentioned in this report but also the general explanations and qualifications contained in the separate booklet published in this series by H.M. Stationery Office entitled "Final Reports of the Census of Production for 1948: Introductory Notes", price 2s Od. NET

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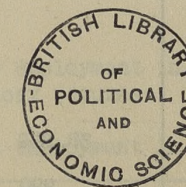
* Not applicable to this trade

CHINA AND EARTHENWARE TRADE

THIS REPORT on the China and Earthenware Trade relates to establishments engaged wholly or mainly in the manufacture of earthenware insulators and electrical fittings, chinaware and domestic pottery, earthenware jars, china ornaments, glazed tiles, sanitary ware, etc., including three Government establishments in 1948. No production was recorded for Government establishments for 1937 or 1935.

This trade corresponds to minimum list heading 21 in the Standard Industrial Classification.

Establishments in this trade in Northern Ireland (which are excluded in 1948) accounted in 1935 for less than 1 per cent. of the net output for the United Kingdom.



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CHINA AND EARTHENWARE TRADE

Summary

Larger establishments

TABLE 1

	1948 (a)	1937 (b)	1935 (b)
	£'000	£'000	£'000
Gross output (production)	39,205	15,707	14,087
Cost of materials and fuel used	11,961	5,474	4,807
Payment for work done on materials given out	28	8	7
Net output	27,215	10,225	9,273
Wages and salaries of persons employed	16,754	..	..
Average number of persons employed (c)	No. 66,180(d)	No. 69,796	No. 67,993
Net output per person employed (c)	£ 411	£ 147	£ 136
Stocks at end of year	£'000	£'000	£'000
Finished products and work in progress	2,767	..	..
Materials and fuel	1,743	..	..
Number of establishments	No. 333	No. ..	No. 388

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

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

	1948	1937	1935
	£'000	£'000	£'000
Output of firms in this trade			
Total value of sales (1948) or production (1937 and 1935)			
Principal products (see Table 8 (1))	38,289	15,146	13,616
Other output (see Table 10)	990	561	471
Adjustment for changes in stocks and work in progress (see Table 14)	+ 451	..	..
	39,711	15,707	14,087
Less payment for transport by other firms	506		
Gross output (production)	39,205	15,707	14,087
Materials and fuel used by firms in this trade			
Purchases (see Table 13)	12,096	5,474	4,807
Adjustment for changes in stocks (see Table 14)	- 134		
Materials and fuel used	11,961	5,474	4,807

Summary, 1948

Small firms in Great Britain

TABLE 2

Number of returns	199
Average number of persons employed (a)	
Males	882
Females	308
Total	1,190

(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)	66,180
Employing on average ten persons or less (b)	1,190
	67,350
Estimated average employment in firms not making satisfactory returns	132
Estimated average employment in all firms	67,482

- (a) See Table 1, 15 (1) and 15 (11).
 (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	31	740	364	560	125	34	159	651
25-49	42	1,209	629	1,497	333	61	393	420
50-99	65	2,908	1,896	4,530	1,010	148	1,157	419
100-199	79	7,154	5,066	11,512	2,554	397	2,951	440
200-299	43	5,978	4,249	10,383	2,299	379	2,678	409
300-399	32	6,507	4,613	11,276	2,400	477	2,878	409
400-499	16	3,858	2,684	7,130	1,495	279	1,775	376
500-749	16	5,396	3,676	9,436	1,953	335	2,289	390
750-999	4	1,909	1,430	3,508	711	196	907	408
1,000 and over	5	3,545	2,606	6,328	1,279	289	1,567	412
Total	333	39,205	27,215	66,160	14,160	2,595	16,754	411

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; and East and West Ridings of Yorkshire	7	432	312	1.1	695	143	31	174
North Midland	17	1,110	778	2.9	2,361	482	80	562
Eastern; London and South Eastern	7	851	574	2.1	1,257	313	74	387
Southern	4	510	374	1.4	841	205	46	251
South Western; and Wales	8	732	590	2.2	1,441	318	85	403
Midland	276	33,705	23,406	86.0	57,075	12,101	2,152	14,253
North Western	5	698	473	1.7	839	195	38	233
Total England and Wales	324	38,119	26,507	97.4	64,509	13,758	2,505	16,263
Scotland	9	1,086	708	2.6	1,651	402	90	491
Great Britain	333	39,205	27,215	100.0	66,160	14,160	2,595	16,754

Analysis according to specialisation within the trade, 1948

Larger establishments in Great Britain

TABLE 6

	Establishments	Gross output	Sales of characteristic products (b)	Net output	Persons employed	Remuneration			Net output per person employed
						Wages	Salaries	Total	
	No.	£'000	£'000	£'000	No.	£'000	£'000	£'000	£
Specialist products of									
Glazed tiles (not of brick earth)	54	7,128	6,883	4,553	9,592	2,088	474	2,562	475
Sanitary earthenware (including vitreous ware)	24	3,124	2,858	2,041	3,707	1,058	216	1,274	551
China and porcelain, other than electrical ware	38	4,121	4,019	3,127	7,824	1,649	267	1,916	400
Electrical ware	19	3,841	3,542	3,014	6,820	1,444	321	1,765	442
Other earthenware and stoneware	160	17,728	16,681	12,641	34,416	7,074	1,091	8,165	367
Remainder of the trade	38	3,263		1,839	3,801	848	225	1,073	484
Total	333	39,205		27,215	66,160	14,160	2,595	16,754	411

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 (i)

	1948 (a) Sales				1937 (b) Production			1935 (b) Production		
	Quantity		Value	Entries	Quantity		Value	Quantity		Value
	Th. sq. yds.	Th. cwts.	£'000	No.	Th. sq. yds.	Th. cwts.	£'000	Th. sq. yds.	Th. cwts.	£'000
Tiles										
For tessellated pavements	544 141	103 ..	201 105	10	533	267	185	480	241	167
Glazed wall and hearth tiles										
Flat, rectangular tiles, not figured or embossed										
White	2,136	342	1,232	16	3,306	779	809	2,555	622	668(c)
Ivory or cream	738 125	131 ..	439 77	11	2,769	847	1,517	2,905	337	1,825(c)
Clear coloured or mottled	2,907	780	2,921	39						
Other descriptions										
White	62	16	74	6	99	41	56	..	..	(d)
Ivory or cream	22	6	29	5	416	164	323			
Clear coloured or mottled	856	269	1,101	29						
Other glazed tiles (e)	Thous. 340 50	10 ..	77 11	..	-	-	-	-	-	-
Total tiles			6,267	..			2,890			2,660
Sanitary earthenware, white, coloured, or cane and white (including vitreous ware, but excluding drain pipes, angles, bends, elbows and traps)										
Lavatory basins	801	205	1,076	24	..	583	1,455	..	616	1,466
Urinals	Th. stalls 3	-	4	5						
W.C. pans	Thous. 1,121	281	1,422	25						
Other	..	105	618	23						
China, other than electrical ware										
Ecne china										
Decorated, including plain coloured	85		3,429	41	..	1,706	..	..	1,454	
Not decorated	95		1,319	40						

TABLE 8 (i) (contd.)

	1948 (a) Sales			1937 (b) Production		1935 (b) Production	
	Quantity	Value	Entries	Quantity	Value	Quantity	Value
	Th.cwts.	£'000	No.	Th.cwts.	£'000	Th.cwts.	£'000
China, other than electrical ware (contd:)							
Porcelain							
For laboratory use	1	69	..	..	8	..	31
For industrial purposes	7	100	5	..	22	..	..
Unclassified	..	36	..	-	-	-	-
Other china	..	70	5	..	76	..	66
Total china (other than electrical ware)		5,073	..		1,812		1,551
Electrical ware of porcelain, earthenware or stoneware							
Insulators	420	3,718	33	347	1,139	..	..
Other descriptions	11	179	16	30	112	284	895
	..	101	..	..	104	..	136
Earthenware of all other descriptions	Thous.						
Jet, Rockingham and Samian ware							
Teapots and coffee pots	3,491	327	12	150	235	103	168
Other articles	..	70	..	..	..	..	27
Red pottery and terra-cotta ware, glazed and unglazed (other than architectural, chimney pots and unglazed flower pots) (f)	87	109	28	168	102	416	199(g)
Other descriptions of earthenware							
Decorated, including plain coloured	861	8,447	119	1,993	4,740	2,106	4,964
Not decorated	1,109	5,954	124	..	1,177	..	..
Unclassified, including fire-proof non-vitrified cooking utensils	31	192	10	47	52	244	550
..	..	93	..	..	86	..	..
Stoneware, brown and yellow ware	337	1,236	24	450	492	435	438
Clay tobacco pipes	Th.gross 27	19	..	Th.gross 37	7	..	8
China and earthenware purchased and decorated	Th.cwts. 3	85	6	..	173	..	166
..	..	18	..	..	..	..	..
Slabbed work and other tile and mosaic work (h)	..	1,296	54	..	126	..	140

TABLE 8 (i) (contd.)

	1948 (a) Sales			1937 (b) Production		1935 (b) Production	
	Quantity	Value	Entries	Quantity	Value	Quantity	Value
	Th. tons	£'000	No.	Th. tons	£'000	Th. tons	£'000
Products used in the making of pottery							
stilts, spurs, thimbles and sappers, sold separately	..	287	15	..	110	..	92(e)
Other descriptions	..	570	22	..	183	..	157
Quarry products, e.g., stone, felspar, flint and clay, sold as such							
Ground	81	854	26	94	392	94	391(e)
Unground	31	82	8	..	53	..	..
Waste products	..	12	21	..	(d)	..	(d)
Work done for the trade or on commission (1)		27	14		32		24
Total		39,017	..		15,472		14,032
Less sales (or production) in other trades (see Table 9)		748	..		326		416
Total principal products of this trade sold or made by establishments in the trade		38,269	314		15,146		13,616

(a) Great Britain only.

(b) United Kingdom.

(c) Including glazed tiles other than flat rectangular.

(d) Not recorded separately.

(e) So far as recorded separately.

(f) For architectural terra-cotta ware, glazed and unglazed, chimney pots and unglazed flower pots, see the Brick and Fireclay Trade (Volume 1, Trade F).

(g) May include some chimney pots and unglazed flower pots.

(h) By establishments that made the tiles, etc. used in the work. For slabbed work made by other establishments see the Building Materials Trade (Volume 1, Trade L).

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

Descriptions of bone china and earthenware made or purchased and decorated, and sold in 1948

Larger establishments in Great Britain

TABLE 8 (ii)

	No. of pieces		Entries	
	Thous.	No.	Thous.	No.
Bone china, decorated and not decorated				
Cups, mugs and beakers	21,214	40		
Saucers	17,832	40		
Small plates (8 ins. or less actual measurement)	7,663	40		
Large plates including soup plates (over 8 ins. actual measurement)	1,690	39		
Teapots and coffee pots	213	34		
All other articles	4,979	41		
Earthenware, decorated and not decorated (except electrical ware, Jet, Rockingham and Samian ware, red pottery and terra-cotta ware) (a)				
Cups, mugs and beakers	111,363	124		
Saucers	53,131	107		
Small plates (8 ins. or less actual measurement)	47,176	102		
Large plates including soup plates (over 8 ins. actual measurement)	55,585	94		
Teapots and coffee pots	7,914	105		
All other domestic articles	54,191	120		
Non-domestic articles	6,787	34		
China and earthenware purchased and decorated				
Cups, mugs and beakers	125	..		
Saucers	174	..		
Small plates (8 ins. or less actual measurement)	94	..		
Large plates including soup plates (over 8 ins. actual measurement)	99	..		
Teapots and coffee pots	14	5		
All other articles	148	..		

(a) Certain establishments were unable to furnish this information, the value of their sales of these goods being £160,000.

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 No.	Quantity		Value		Quantity		Value
	Th. sq. yds.	Th. cwts.	£'000	£'000		Th. sq. yds.	Th. cwts.	£'000	Th. sq. yds.	Th. cwts.	£'000	
Tiles												
For tessellated pavements	-	-	-	..	139	74	35	116	61	30		
Glazed wall and hearth tiles												
Flat, rectangular tiles, not figured or embossed												
White	44	18	43	..	45	28	40	92	50	62		
Ivory or cream	9	5	11	..								
Clear coloured or mottled	21	8	24	..								
Other descriptions, white, clear coloured or mottled	1	-	1	..								
Sanitary earthenware, white, coloured, or cane and white (including vitreous ware, but excluding drain pipes, angles, bends, elbows and traps)	Thous.				Th. cwts.			Th. cwts.				
Lavatory basins	5	2	4	..	5	9	43	45				
Urinals	-	-	-	..								
W.C. pans	7	2	6	..								
Other	..	1	2	..								
Porcelain for industrial purposes and other china (except bone china and porcelain for laboratory use), excluding electrical ware	..		1	..								
Electrical ware of porcelain, earthenware or stoneware												
Insulators	15		203	10	17	54	..	47				
Other descriptions	..		25	..								

TABLE 9 (contd.)

	1948 (a) Sales			1937 (b) Production		1935 (b) Production	
	Quantity	Value	Entries	Quantity	Value	Quantity	Value
	Th. cwts.	£'000	No.	Th. cwts.	£'000	Th. cwts.	£'000
Earthenware of all other descriptions							
Red pottery and terra-cotta ware, glazed and unglazed (other than architectural, chimney pots and unglazed flower pots)	67	80	21	78	28	294	93
Stoneware, brown and yellow ware; and clay tobacco pipes	..	75	7	..	32	..	25
Slabbed work and other tile and mosaic work	..	181	17	..	58	..	65
Products used in the making of pottery, other than stilts, spurs, thimbles and saggars	..	91	..	-	-	-	-
Quarry products, e.g., stone, felspar, flint and clay, sold as such	-	-	-	..	30	Th. tons 8	26
Work done for the trade or on commission	-	-	-	-	11(c)	-	-
Total		748	..		326		416

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

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

Larger establishments

TABLE 10

	1948 (a) Sales		1937 (b) Production		1935 (b) Production	
	Quantity	Value	Quantity	Value	Quantity	Value
	Th. cwts.	£'000	Th. cwts.	£'000	Th. cwts.	£'000
Drain pipes, angles, bends, elbows and traps of clay, stone ware or fireclay, salt glazed; and other sanitary ware of fireclay glazed or enamelled	234	325	667	366	501	286
Chimney pots and unglazed flower pots	21	25	71	27	46	19
Ceramic glazes	144	349	-	-	-	-
Quarries and street paving tiles; roofing tiles of clay; and other unglazed tiles	140	72	..	161	..	166
Other goods	..	218	..	7	..	-
Work done (c)		2		7		-
Total		990		561		471

- (a) Great Britain only.
- (b) United Kingdom.
- (c) Amount charged in 1948 and amount received in 1937 and 1935.

Analysis of sales, 1948

Larger establishments in Great Britain

TABLE 11

	Sales	Percentage of total sales
Sales (or transfers) to other organisations under the same control	£'000	
Productive works	331	0.8
Export sales organisations (including branches abroad)	629	1.6
Other wholesale or selling organisations	666	1.7
Retail shops, etc.	64	0.2
Total sales (or transfers) to other organisations under the same control	1,690	4.3
Sales to independent buyers		
Exports invoiced directly overseas	8,616	22.0
Exports invoiced to Crown Agents and purchasing houses in this country of individual firms and governments abroad	3,074	7.8
His Majesty's Government and Local Authorities (other than productive establishments)	424	1.1
Manufacturers, repairers, builders, mines, public utilities, and transport and other productive undertakings	5,864	14.9
Wholesalers, merchants and other agents for resale	13,959 (a)	35.6
Retailers, including multiple shops, caterers and N.A.A.F.I., for resale	5,032	12.8
Other businesses (including farmers) and institutions of all kinds	431	1.1
Members of the public, including employees	140	0.4
Total sales to independent buyers	37,540	95.7
Total	39,230	100.0

(a) Of this total £12,214,000 was recorded as divided between £3,191,000 for export and £9,023,000 for other sales.

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

TABLE 12

		Production (b)(c)	Exports (d)	Retained imports (e)
		Th. cwts.	Th. cwts.	Th. cwts.
Glazed wall and hearth tiles				
Flat, rectangular tiles, not figured or embossed				
White	{ 1948 1937	342 779	255 93	12 85
Coloured (including ivory, cream and mottled)	{ 1948 1937	934 (f) 847	218 35	1 40
Other descriptions	{ 1948 1937	291 205	74 5	1 52
Sanitary earthenware, white, coloured, or cane and white (including vitreous ware but excluding drain pipes, angles, bends, elbows and traps)	{ 1948 1937	591 583	289 183	- 37
China, other than electrical ware				
Bone china	{ 1948 1948 1937	180 £'000 4,748 1,706	52 £'000 2,487 447 -
Porcelain				
For laboratory use	{ 1948 1937	77 8	28 2	- 8
For industrial purposes	{ 1948 1937	178 (g) 22	10 3	19 11
		Th. cwts.	Th. cwts.	Th. cwts.
Electrical ware (including insulators) of porcelain, earthenware or stoneware	{ 1948 1937	437 (f) 405 (f)	122 59	3 10
Earthenware of all other descriptions	{ 1948 1937	£'000 16,751 (h) 6,927 (h)	£'000 8,682 1,981	£'000 123 44
		Th. cwts.	Th. cwts.	Th. cwts.
Stoneware, brown and yellow ware	{ 1948 1937	337 450	28 18	.. -

(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) Partly estimated.

(g) Including £36,000 of porcelain for laboratory use and industrial purposes, unclassified.

(h) Including the output of architectural terra-cotta and faience, chimney pots and unglazed flower pots (£877,000 in 1948 and £535,000 in 1937) for which see the Brick and Fireclay Trade (Volume 1, Trade F).

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
	Th. tons	£'000	Th. tons	£'000	Th. tons	£'000
Materials						
China clay	71.5	431	75.0	211	69.4	183
Ball clay	113.9	463	121.9	223	95.2	194
China and Cornish stone and felspar	77.9	619	84.0	297	79.0	266
Other clay, including all marls	240.7	406	254.7	279	226.0	220
Flint	146.0	894	135.9	370	122.0	335
Plaster	16.4	92	15.7	57	15.1	54
Glaze or materials for glaze	23.1	1,250	24.0	465	23.4	393
Packing materials	..	978	..	303	..	(c)
Bone (d)	7.7	200				
	..	64				
Prepared bodies	26.2	267				
Colours or materials for colours	Th. cwts.					
	17.1	145				
	..	171	..	1,829	..	1,952(e)
Gold (d)	..	108				
Lithos (d)	..	235				
Saggars, stiltis, spurs, thimbles, etc. (d)	..	302				
All other purchased materials	..	2,357				
Fuel and electricity	Th. tons					
Coal	781.0	2,077	1,283.6	1,126	1,091.6	1,019
Coke	54.2	198	..	(c)	73.3	83
Electricity purchased (f) (g)	Th. B.T.U. (kw. hrs.)		Th. B.T.U. (kw. hrs.)		Th. B.T.U. (kw. hrs.)	
	94,997	351	39,235	127	30,288	100

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
	Th. galls.	£'000	Th. galls.	£'000	Th. galls.	£'000
Fuel and electricity (contd.)						
Motor spirit (petrol) and derv. fuel						
Used for road purposes	235	24	..	(c)	..	(c)
Used for other power purposes	78	4				
Other oil fuel (including creosote/pitch mixtures)	1,998	73	..	(c)	389	8(h)
Gas purchased (i)	Th. therms 15,760 Th. cu. ft. 126,076	362	..	187	..	(c)
All other purchased fuel	..	13				
Total		12,096		5,474		4,807

(a) Great Britain only.

(b) United Kingdom.

(c) Not recorded separately.

(d) So far as recorded separately.

(e) Including fuel not specified separately.

(f) Including electricity obtained from other works under the same ownership.

(g) The total quantity of electricity consumed in 1948 was 103,677,000 B.T. units, including 8,679,000 generated in the same works.

(h) Described as "Heavy fuel oil".

(i) Including gas obtained from other works under the same ownership.

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
	Th. sq. yds.	£'000	Th. sq. yds.	£'000
Finished products				
Glazed wall and hearth tiles	428	177	473	208
	Th. cwts.		Th. cwts.	
Sanitary earthenware, white, coloured or cane and white (including vitreous ware)	32	90	56	116
	..	17	..	23
Bone china	6	139	7	159
	..	122	..	142
Electrical ware of porcelain, earthenware or stoneware	11	69	11	74
	..	39	..	66
Earthenware of all other descriptions	..	596	..	749
Other finished products	..	209	..	208
Work in progress		859		1,020
Total finished products and work in progress		2,316		2,767
Materials and fuel	Th. tons		Th. tons	
Coal	64.3	169	41.0	119
Other descriptions of materials and fuel	..	1,440	..	1,624
Total materials and fuel		1,609		1,743

Employment and remuneration

Larger establishments

(i) Private firms (a)

TABLE 15

	Average number of operatives			Administrative, technical and clerical employees (b)			Total		
	1948 (c)	1937 (d)	1935 (d)	1948 (c)	1937 (d)	1935 (d)	1948 (c)	1937 (d)	1935 (d)
Males									
Under 18	2,371	4,734	4,390	228	267	238	2,599	5,001	4,628
All ages	26,002	27,842	27,140	3,452	3,315	3,227	29,454	31,157	30,367
Females									
Under 18	4,778	9,840	9,080	461	341	227	5,239	10,181	9,307
All ages	34,097	37,148	36,248	1,973	1,491	1,378	36,070	38,639	37,626
Total									
Under 18	7,149	14,574	13,470	689	608	465	7,838	15,182	13,935
All ages	60,099	64,990	63,338	5,425(e)	4,806	4,605	65,524	69,796	67,993
							(e) (f) (g)		
Total remuneration	£'000			£'000			£'000		
	13,994	..	..	2,558	..	..	16,552	..	..

(a) Excluded employees. The following numbers were employed at private 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	10	males	459	females
Other workers	46	males	21	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, 49 working proprietors (45 males and 4 females) in 1948. Working proprietors are included in the 1937 and 1935 figures.

(f) The employers' share of contributions to all National Insurance Schemes payable during the year in respect of these workers amounted to £478,000.

(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	461	
Maintenance and repair of firms' buildings, but not plant	48	
Research work not directly connected with current production however charged	21	12

In addition to the employees in the above table the private firms in this trade employed 3 male and 64 female outworkers in 1948, the amount paid to them being £8,000. Similar information is not available for 1937 and 1935.

Employment and remuneration

Larger establishments

(ii) Government Departments (a)

TABLE 15 (contd.)

	Average number of operatives	Administrative, technical and clerical employees (b)	Total
	1948	1948	1948
Males			
Under 18	11	-	11
All ages	377	52	429
Females			
Under 18	2	-	2
All ages	136	22	158
Total			
Under 18	13	-	13
All ages	513	74	587 (c) (d)
Total remuneration	£'000 166	£'000 36	£'000 202

(a) Excluded employees. The following numbers were employed at Government 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	11 females
Other workers	- males	- females

(b) Number at September 25, 1948.

(c) The employers' share of contributions to all National Insurance Schemes payable during the year in respect of these workers amounted to £5,000.

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

	Operatives	Administrative, technical and clerical employees
Transport of goods outside the premises	-	-
Maintenance and repair of firms' buildings, but not plant	7	-
Research work not directly connected with current production however charged	-	-

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
Wages and salaries of	£'000	£'000					
Operatives	14,160	10,332	23.1	24.8	25.1	27.1	100.0
Administrative, technical and clerical employees	2,595	1,922	23.6	24.2	24.2	28.0	100.0
Total	16,754	12,254	23.1	24.7	25.0	27.2	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 £28,000.

Payments for certain services, 1948
Larger establishments in Great Britain

TABLE 18

	Amount paid
	£'000
Repair and maintenance	
Of buildings	279
Of plant, machinery and vehicles	341
Unclassified	737
Hire of plant, machinery and vehicles	59
Advertising and market research	
Advertising in newspapers, magazines and periodicals	27
Other advertising services (poster display, despatch of circulars, etc.) and market research	16
Unclassified	64
Payments made for research work	
To research associations	39
To universities, institutions, academic bodies and similar agencies	2
To other commercial concerns	8
Postage, telephone, telegrams and cables	97
Commercial insurance premiums	240
Rates (excluding water rates) payable in the year	52

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	1,716	31	37
Vehicles	109	33	25
Total	1,825	64	62

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)		955
2. Existing buildings and land (b)		
(1) Capital cost of freeholds bought	27	
Estimated capital value of		
(ii) Rented property newly occupied in the year (c)	16	
(iii) Leasehold buildings and land newly occupied in the year	14	
Total of heading 2		57
Total of headings 1 and 2		1,012
3. Existing buildings and land relinquished (d)		
(1) Selling value of freeholds sold	24	
(ii) Estimated value of other properties relinquished	14	
Total of heading 3		38
4. Headings 1 and 2 less heading 3		974

- (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.

TREATMENT OF NON-METALLIFEROUS MINING PRODUCTS
OTHER THAN COAL COUNTRY TABLES

CHINA AND EARTHENWARE TRADE

1948

Note - The only larger establishment for Wales in the register for this trade
was a Government establishment

Summary

Larger establishments

TABLE 21

	England and Wales	Scotland	Great Britain
	£'000	£'000	£'000
Gross output (production)	38,119	1,086	39,205
Cost of materials and fuel used	11,584	377	11,961
Payment for work done on materials given out	27	1	28
Net output	26,507	708	27,215
Wages and salaries of persons employed	16,263	491	16,754
Average number of persons employed (a)	No. 64,509	No. 1,851	No. 66,160
Net output per person employed (a)	£ 411	£ 429	£ 411
Stocks at end of year	£'000	£'000	£'000
Finished products and work in progress	2,662	106	2,767
Materials and fuel	1,700	43	1,743
Number of establishments	No. 324	No. 9	No. 333

(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
	£'000	£'000	£'000
Output of firms in this trade			
Total value of sales (see Table 23)	38,146	1,114	39,260
Adjustment for changes in stocks and work in progress	+ 449	+ 2	+ 451
	38,595	1,116	39,711
Less payment for transport by other firms	477	30	506
Gross output (production)	38,119	1,086	39,205
Materials and fuel used by firms in this trade			
Purchases (see Table 24)	11,725	370	12,096
Adjustment for changes in stocks	- 141	+ 7	- 134
Materials and fuel used	11,584	377	11,961

Summary

Small firms

TABLE 22

	England	Wales	Scotland	Great Britain
Number of returns	180	10	9	199
Average number of persons employed (a)				
Males	797	47	38	882
Females	283	13	12	308
Total	1,080	60	50	1,190

(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. sq. yds.	Th. cwts.	£'000		Th. sq. yds.	Th. cwts.	£'000
Principal products							
Tiles							
For tessellated pavements	{ 344 141	{ 103 ..	{ 201 105	{ - -	{ 344 141	{ 103 ..	{ 201 105
Glazed wall and hearth tiles							
Flat, rectangular tiles, not figured or embossed							
White	2,092	325	1,189	-	2,092	325	1,189
Ivory or cream	{ 729 125	{ 127 ..	{ 429 77	{ - -	{ 729 125	{ 127 ..	{ 429 77
Clear coloured or mottled	2,886	772	2,897	-	2,886	772	2,897
Other descriptions							
White, clear coloured or mottled	917	285	1,173	-	917	285	1,173
Ivory or cream	22	6	29	-	22	6	29
Other glazed tiles	{ Thous. 340 50	{ 10 ..	{ 77 11	{ - -	{ Thous. 340 50	{ 10 ..	{ 77 11
Total tiles			6,187	-			6,187

TABLE 23 (contd.)

	England and Wales			Scotland			Great Britain		
	Quantity		Value	Quantity		Value	Quantity		Value
	Thous.	Th. cwts.	£'000	Thous.	Th. cwts.	£'000	Thous.	Th. cwts.	£'000
Principal products (contd.)									
Sanitary earthenware, white, coloured, or cane and white (including vitreous ware, but excluding drain pipes, angles, bends, elbows and traps)									
Lavatory basins	..	..	(a)	..	..	(a)	796	204	1,072
Urinals	..	..	(a)	..	..	(a)	Th. stalls 3	-	4
W.C. pans	961	238	1,188	153	40	228	Thous. 1,114	278	1,416
Other	..	81	481	..	23	134	..	104	615
		Th. cwts.			Th. cwts.			Th. cwts.	
China, other than electrical ware									
Bone china									
Decorated, including plain coloured	85		3,429	-		-	85		3,429
Not decorated	95		1,319	-		-	95		1,319
Other china, including porcelain for laboratory use and for industrial purposes	..		(a)	..		(a)	8		170 154
Total china (other than electrical ware)			(a)			(a)			5,072
Electrical ware of porcelain, earthenware or stoneware									
Insulators	..		(a)	..		(a)	405		3,515
Other descriptions	{ 11 ..		{ 179 76	-		-	{ 11 ..		{ 179 76
Earthenware of all other descriptions		Thous.						Thous.	
Jet, Rockingham and Samian ware									
Teapots and coffee pots	{ 3,491 ..		{ 327 70	-		-	{ 3,491 ..		{ 327 70
Other articles	..		5	-		-	..		5

TABLE 23 (contd.)

	England and Wales		Scotland		Great Britain	
	Quantity	Value	Quantity	Value	Quantity	Value
	Th. cwts.	£'000	Th. cwts.	£'000	Th. cwts.	£'000
Principal products (contd.)						
Earthenware of all other descriptions (contd.)						
Red pottery and terra-cotta ware, glazed and unglazed (other than architectural, chimney pots and unglazed flower pots)	20	29	-	-	20	29
Other descriptions of earthenware						
Decorated (including plain coloured)	..	(a)	..	(a)	861	8,447
Not decorated	{ 1,083 ..	{ 5,852 856	{ 26 ..	{ 102 20	{ 1,109 ..	{ 5,954 876
Unclassified, including fire-proof non-vitrified cooking utensils	{ 31 ..	{ 192 93	{ - -	{ - -	{ 31 ..	{ 192 93
Stoneware, brown and yellow ware; and clay tobacco pipes	..	1,050	..	130	..	1,180
China and earthenware purchased and decorated	{ 3 ..	{ 85 18	{ - -	{ - -	{ 3 ..	{ 85 18
Slabbed work and other tile and mosaic work	..	1,115	-	-	..	1,115
Products used in the making of pottery						
Stilts, spurs, thimbles and saggars, sold separately	..	287	-	-	..	287
Other descriptions	..	479	-	-	..	479
Quarry products, e.g., stone, felspar, flint, and clay, sold as such						
Ground	81	854	-	-	81	854
Unground	..	(a)	..	(a)	31	82
Waste products	..	12	-	-	..	12
Work done for the trade or on commission (b)		27	-	-		27
Total principal products		(a)		(a)		38,269

TREATMENT OF NON-METALLIFEROUS MINING PRODUCTS
OTHER THAN COAL COUNTRY TABLES

TABLE 23 (contd.)

	England and Wales		Scotland		Great Britain	
	Quantity	Value	Quantity	Value	Quantity	Value
	Th. tons	£'000		£'000	Th. tons	£'000
Other output						
Drain pipes, angles, bends, elbows and traps of clay, stone ware or fireclay, salt glazed; and other sanitary ware of fireclay, glazed or enamelled	..	(a)	..	(a)	234	325
Chimney pots and unglazed flower pots	21	25	-	-	21	25
Ceramic glazes	144	349	-	-	144	349
Quarries and street paving tiles; roofing tiles of clay; and other unglazed tiles	140	72	-	-	140	72
Other goods	..	218	-	-	..	218
Work done (b)		2		-		2
Total		38,145		1,114		39,260

(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. tons	£'000	Th. tons	£'000	Th. tons	£'000
Materials						
China clay	68.7	412	2.7	19	71.5	431
Ball clay	108.9	441	4.9	22	113.9	463
China and Cornish stone and felspar	76.0	596	1.9	22	77.9	619
Other clay, including all marls	235.4	395	5.3	11	240.7	406
Flint	142.5	874	3.5	21	146.0	894
Plaster	15.5	85	0.8	6	16.4	92
Glaze or materials for glaze	22.9	1,228	0.3	23	23.1	1,250
Packing materials	..	957	..	21	..	978
Bone	{ 7.7 ..	{ 200 64	{ - ..	{ - ..	{ 7.7 ..	{ 200 64
Prepared bodies	..	(a)	..	(a)	26.2	267
Colours or materials for colours	{ Th. cwts. 16.9 ..	{ 143 171	{ Th. cwts. 0.2 ..	{ 2 ..	{ Th. cwts. 17.1 ..	{ 145 171
Gold	..	108	-	-	..	108
Lithos	..	235	-	-	..	235
Saggars, stilts, spurs, thimbles, etc	..	(a)	..	(a)	..	302
All other purchased materials	..	2,285	..	72	..	2,357
Fuel and electricity	Th. tons		Th. tons		Th. tons	
Coal	747.0	1,980	34.0	97	781.0	2,077
Coke	..	(a)	..	(a)	54.2	198
Electricity purchased (b)	Th. B. T. U. (kw. hrs.)		Th. B. T. U. (kw. hrs.)		Th. B. T. U. (kw. hrs.)	
	92,117	339	2,881	12	94,997	351

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 deriv. fuel						
Used for road purposes	222	22	13	1	235	24
Used for other power purposes	..	(a)	..	(a)	78	4
Other oil fuel (including creosote/pitch mixtures)	..	(a)	..	(a)	1,998 Th. therms 15,760	73 362
Gas purchased (c)	..	(a)	..	(a)	126,078 Th. cu.ft.	12
All other purchased fuel	..	13	-	-	..	13
Total		11,725		370		12,096

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

(b) Including electricity obtained from other works under the same ownership.

(c) Including gas obtained from other works under the same ownership.

Employment and remuneration: Larger establishments

(i) Private firms

TABLE 25

	England and Wales (a)			Scotland			Great Britain		
	Average number of operatives	Administrative, technical and clerical employees (b)	Total	Average number of operatives	Administrative, technical and clerical employees (b)	Total	Average number of operatives	Administrative, technical and clerical employees (b)	Total
Males									
Under 18	2,252	225	2,477	119	3	122	2,371	228	2,599
All ages	24,951	3,313	28,264	1,051	139	1,190	26,002	3,452	29,454
Females									
Under 18	4,674	451	5,125	104	10	114	4,778	461	5,239
All ages	33,716	1,897	35,613	381	76	457	34,097	1,973	36,070
Total									
Under 18	6,926	676	7,602	223	13	236	7,149	689	7,838
All ages	58,667	5,210 (c)	63,877 (c) (d)	1,432	215 (c)	1,647 (c) (d)	60,099	5,425 (c)	65,524 (c) (d)
Total remuneration	£'000	£'000	£'000	£'000	£'000	£'000	£'000	£'000	£'000
	13,592	2,469	16,061	402	90	491	13,994	2,558	16,552

(a) There are no larger establishments (private firms) for Wales in the register for this trade.

(b) Number at September 25, 1948.

(c) There were, in addition, 49 working proprietors (45 males and 4 females) in Great Britain; 41 males and 4 females in England and Wales, and 4 males in Scotland.

(d) The employers' share of contributions to all National Insurance Schemes payable during the year in respect of these workers amounted to a total of £478,000; £465,000 for England and Wales, and £13,000 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	3	64	67	6
Scotland	-	-	-	-
Great Britain	3	64	67	6

(ii) Government Departments

All Government establishments classified to this trade were in England and Wales; for particulars of employment and remuneration therein see Table 15(11)

TREATMENT OF NON-METALLIFEROUS MINING PRODUCTS
OTHER THAN COAL COUNTRY TABLES

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	97.4	102.4	97.5	August	100.4	96.7	100.3
February	98.2	100.4	98.3	September	100.9	99.1	100.9
March	98.2	99.1	98.3	October	102.1	95.7	101.9
April	99.1	101.6	99.2	November	102.6	98.3	102.5
May	99.2	101.0	99.2	December	102.5	102.6	102.5
June	99.6	100.5	99.6	Percentage employment in this trade covered by the index	72.2	88.5	72.6
July	99.8	102.8	99.9				

(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.

Total number of operatives employed	Total		Great Britain
	England and Wales	Scotland	
1948	87	40	127
1949	87	40	127

(1) Government establishments

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