



BOARD OF TRADE

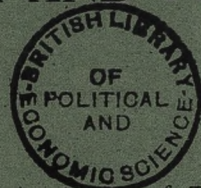
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[HA 251]

THE REPORT
on the
CENSUS OF PRODUCTION
FOR 1951

Volume 1

Trade F

BRICK AND FIRECLAY



*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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* Not applicable to this trade

BRICK AND FIRECLAY

1/F/1

BRICK AND FIRECLAY TRADE

THIS REPORT on the Brick and Fireclay Trade relates to establishments engaged wholly or mainly in the manufacture of building bricks, clay flooring and roofing tiles, fireclay sanitary ware and other similar clay products, bath bricks, hearthstones, ground or flaked graphite, and refractory goods such as ganister, magnesite and silica bricks, crucibles, gas retorts and kiln linings.

This trade corresponds to minimum list heading 20 in the Standard Industrial Classification with the addition of plumbago crucibles, bathbricks, hearthstones and ground or flaked graphite from Heading 29(3) relating to miscellaneous non-metalliferous mining manufactures.

The particulars given for each year are not precisely comparable, as the majority of firms which manufactured brick and fireclay products and which owned the quarries at which brickearth, clay, etc. were raised made combined returns in this trade covering both their factories and their associated quarries instead of making separate returns in respect of their quarries in the Non-Metalliferous Mines and Quarries (other than Coal, Salt and Slate) Trade. The proportion of returns in this trade which included quarries was about 90 per cent. in 1935, about 70 per cent. in 1937 and 1948, and 66 per cent. in 1951. The average number of operatives recorded in this trade as employed in quarries and claypits in Great Britain in 1951 was 5,437. The proportion of returns and the number of quarry personnel included for other years is unknown.

IMPORTANT NOTES and definitions appear on the inside of the back cover of this report. In interpreting the data in the following tables, it is essential to bear these in mind.

BRICK AND FIRECLAY TRADE

Summary

Larger establishments (a)

TABLE 1

	United Kingdom			Great Britain		United Kingdom	
	1951	1950	1949	1949	1948	1937	1935
Gross output (production) (b)	£'000 83,720	£'000 65,929	£'000 61,058	£'000 60,227	£'000 55,054	£'000 32,567	£'000 27,921
Cost of materials and fuel used (c)	27,934	24,782	22,323	22,010	18,668	10,054	7,966
Payment for work done on materials given out	40	17	23	23	24	13	18
Brick levy payable to the Ministry of Works (d)	-	-	3	3	82	-	-
Transport payments (e)	9,168	..	..	..	..	..	..
Net output	46,578	41,130	38,710	38,192	36,281	22,500	19,937
Wages and salaries of persons employed	30,687	27,956	26,286	26,022	23,851	..	..
Average number of persons employed (f)	No. 77,486	No. 77,026	No. 75,576	No. 74,613	No. 71,977	No. 95,853	No. 91,573
Net output per person employed (f)	£ 601	£ 534	£ 512	£ 512	£ 504	£ 235	£ 218
Stocks at end of year	£'000	£'000	£'000	£'000	£'000	£'000	£'000
Products on hand for sale and work in progress	5,937	5,661	5,524	5,498	5,657	..	..
Materials and fuel	4,411	3,799	3,453	3,438	2,939	..	..
Number of establishments	No. 1,050	No. 1,057	No. 1,039	No. 1,021	No. 1,011	No. ..	No. 1,420

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

	£'000	£'000	£'000	£'000	£'000	£'000	£'000
Output of firms in this trade (g)							
Principal products (h)	82,547	73,029	67,273	66,397	56,529 (i)	32,214	27,574
Other output (j)	880						
Changes in stocks and work in progress (k)	+ 294	+ 264	- 133	- 136	+ 1,351		
Less payment for transport outwards (e)	83,720	73,293	67,140	66,261	59,277	32,567	27,921
Gross output (production)	83,720	65,929	61,058	60,227	55,054	32,567	27,921
Materials and fuel used by firms in this trade							
Purchases	28,548	25,107	22,784	22,470	18,853	10,054	7,966
Changes in stocks (k)	- 614	- 325	- 461	- 460	- 186		
Materials and fuel used	27,934	24,782	22,323	22,010	18,668	10,054	7,966

(a) For small firms' summary see Table 2.

(b) Gross output for 1951 includes payments to other firms and undertakings and to firms' own separate transport organisations for transport services. For other years payments for transport services outwards on finished goods sold are excluded.

(c) Amounts paid for delivery services are excluded for 1951 but included for other years.

(d) This levy ceased to be payable on March 31st, 1949.

(e) Payments to other firms and undertakings and to firms' own separate transport organisations. For 1951 they cover payments for transport of both goods sold and materials and fuel purchased. For other years payments cover only transport outwards of finished goods sold.

(f) Excluding outworkers but including working proprietors. For an estimate of the total number of persons employed in this trade see Table 3.

(g) Total value of sales (1951, 1950, 1949 and 1948) or production for sale (1937 and 1935).

(h) For details for 1951 and 1948 see Table 8.

(i) Corrected figure.

(j) For details for 1951 and 1948 see Table 10.

(k) For details for 1951 see Table 21.

Summary

Small firms (a)

TABLE 2

	Great Britain		United Kingdom	Great Britain	
	1951	1950	1949	1949	1948
Number of returns	206	198	256	249	234
Average number of persons employed (b)					
Males	1,250	1,233	1,460	1,417	1,278
Females	71	48	63	63	50
Total	1,321	1,281	1,523	1,480	1,328

(a) Small firms (employing on the average ten or fewer persons) that made satisfactory returns. No information about small firms was collected in Northern Ireland for 1951 or 1950.

(b) Including working proprietors.

Estimated average employment (a)

All firms

TABLE 3

	United Kingdom			Great Britain	
	1951	1950	1949	1949	1948
As returned by firms					
Employing on the average more than ten persons (b)	77,486	77,026	75,576	74,613	71,977
Employing on the average ten or fewer persons (c)	1,321 (d)	1,281 (d)	1,523	1,480	1,328
Estimated average employment in firms not making satisfactory returns	78,807	78,307	77,099	76,093	73,305
Estimated average employment in all firms	78,907 (d)	78,464 (d)	77,223	76,217	73,905

(a) Including working proprietors.

(b) See Tables 13(iv) and 14.

(c) See Table 2.

(d) Excluding any small firms in Northern Ireland.

Analysis by size, 1951

Larger establishments in the United Kingdom

TABLE 4

Average number employed	Establishments	Gross output	Net output	Persons employed	Remuneration			Net output per person employed
					Operatives	Other employees (a)	Total	
	No.	£'000	£'000	No.	£'000	£'000	£'000	£
11 - 24	212	3,532	2,049	3,967	1,312	171	1,483	516
25 - 49	374	13,091	7,582	13,371	4,497	581	5,078	567
50 - 99	279	20,451	11,730	19,215	6,496	892	7,388	610
100 - 199	123	18,481	10,005	16,680	5,863	873	6,736	600
200 - 299	31	8,391	4,959	7,487	2,605	483	3,088	662
300 - 399	14	5,304	2,521	4,815	1,580	271	1,851	523
400 - 499	7	3,365	1,886	3,241	1,172	209	1,381	582
500 - 749	5	3,729	1,839	2,950	892	279	1,171	623
750 and over	5	7,376	4,007	5,760	2,148	362	2,510	696
Total	1,050	83,720	46,578	77,486	26,565	4,122	30,687	601

(a) Administrative, technical and clerical employees.

Analysis by standard region, 1951

Larger establishments in the United Kingdom

TABLE 5

Region	Estab-lish-ments	Gross output	Net output		Persons employed	Remuneration			Net output per person employed
			Value	Percent- age of total		Operatives	Other employees (a)	Total	
England	No.	£'000	£'000		No.	£'000	£'000	£'000	£
Northern	106	6,261	3,246	7.0	5,904	1,959	304	2,263	550
East and West Ridings	120	8,933	4,983	10.7	8,067	2,748	369	3,117	618
North Midland	110	11,474	6,146	13.2	9,541	3,420	551	3,972	644
Eastern	39	7,849	4,441	9.5	6,565	2,420	410	2,831	676
London and South Eastern	88	6,064	3,378	7.3	5,188	1,784	359	2,142	651
Southern	40	3,564	2,079	4.5	3,541	1,298	196	1,493	587
South Western	59	2,050	1,325	2.8	2,626	848	123	971	505
Midland	152	13,136	7,444	16.0	12,784	4,353	674	5,026	583
North Western	112	7,572	4,405	9.5	7,657	2,617	381	2,998	575
Total England	826	66,903	37,447	80.4	61,873	21,446	3,367	24,813	605
Wales	85	4,844	2,740	5.9	4,722	1,537	233	1,770	580
Scotland	122	11,073	5,909	12.7	9,986	3,320	497	3,817	592
Great Britain	1,033	82,819	46,096	99.0	76,581	26,303	4,098	30,401	602
Northern Ireland	17	901	482	1.0	905	262	24	286	532
United Kingdom	1,050	83,720	46,578	100.0	77,486	26,565	4,122	30,687	601

(a) Administrative, technical and clerical employees.

Analysis according to specialisation within the trade, 1951

Larger establishments in the United Kingdom

TABLE 6

	Estab-lish-ments	Gross output	Sales of charac- teristic products	Net output	Persons employed	Remuneration			Net output per person employed
						Operatives	Other employees (a)	Total	
Specialist producers of	No.	£'000	£'000	£'000	No.	£'000	£'000	£'000	£
Building bricks (including flooring and wall partition blocks)	644	39,576	37,896	23,394	39,139	13,859	1,745	15,605	598
Roofing tiles of clay	58	3,043	2,698	1,949	3,657	1,222	147	1,369	533
Refractory goods (other than plumbago and other crucibles)	184	24,680	22,338	11,703	17,972	6,011	1,238	7,249	651
Sanitary ware (other than cement, concrete or earthenware)	94	11,214	9,795	6,529	11,061	3,670	690	4,360	590
Remainder of the trade	70	5,207		3,003	5,657	1,803	302	2,105	531
Total	1,050	83,720		46,578	77,486	26,565	4,122	30,687	601

(a) Administrative, technical and clerical employees.

(87486/2)

Total quantity of clays, etc., raised by firms
classified to the trade (a)

Larger establishments

TABLE 7

Kind of clay, etc. raised	United Kingdom 1951		Great Britain 1948
	Quantity	Entries	Quantity
Fireclay	Th. tons	No.	Th. tons
	1,243	103	1,106
Other clays			
Brick earth and clay	17,857	492	14,009
Sand	221	27	2,075
Shale and marl	2,306	104	
Other kinds	542	35	330
Silica stone	89	9	78
Total	22,259	..	17,597

(a) Including clays returned in this trade which were used in making bricks, etc. in the firm's own works, but excluding output returned in the Non-Metalliferous Mines and Quarries (other than Coal, Salt and Slate) Trade (Volume I, Trade B).

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

Larger establishments

TABLE 8

	United Kingdom 1951			Great Britain 1948	
	Quantity	Value	Entries	Quantity	Value
Bricks, building	Million	£'000	No.	Million	£'000
Of brick-earth, clay, shale or marl					
Fletton type					
Common	1,985.3	10,018	74	1,360.5	5,607
Facing	515.4	3,541	37	305.8	1,668
Non-Fletton type					
Common	2,147.2	12,738	458	1,859.1	9,085
Facing	877.8	8,172	324	486.6	3,805
Engineering	193.7	2,141	103	148.5	1,291
Glazed or enamelled bricks	5.1	291	9	3.3	154
Sand-lime bricks	122.5	645	19	82.0	373
Other building bricks	149.6	925	110	113.5	681
	..	85		..	171
Unclassified	..	70	16	-	-
Total building bricks	5,996.6	38,471	..	4,359.3	22,664
	..	155	..	..	171

(87486/2)

TABLE 8 (contd.)

	United Kingdom 1951				Great Britain 1948			
	Quantity		Value	Entries	Quantity		Value	
	Mill. tons	Th. tons	£'000	No.	Mill. tons	Th. tons	£'000	
Clay and terra-cotta flooring and wall partition blocks	33.9	162.3	836	27	..	128.9	501	
Roofing tiles of clay								
Plain	169.1 101.2	190.2 ..	1,346 800	59	255.0 33.5	276.7 ..	1,800 261	
Single lap	14.9 7.2	41.8 ..	459 107	33	15.8 5.8	48.3 ..	410 73	
Ridges, hips, valleys, etc.	11.0 3.0	24.9 ..	342 106	82	8.0 1.2	20.9 ..	277 43	
Other					0.5	1.1	18	
Flooring quarries and street paving tiles								
Of clay	86.5 10.0	90.5 ..	896 143	33	80.7 17.4	65.7 ..	641 187	
Of other materials (except pre-cast concrete)	-	-	-	-	1.2 11.0	3.3 ..	13 93	
Other sorts of tiles, including bacteria bed tiles (b)	.. ..	10.6 ..	203 84	28	.. ..	5.7 ..	95 5	
Total tiles	281.4 121.4	347.3 .. 10.6 ..	3,043 1,155 203 84	..	361.2 68.9	416.2 .. 5.7 ..	3,159 657 95 5	
Agricultural drainpipes of clay, unglazed	Th. tons 108.5		607 76	90	Th. tons 99.8		457 103	
Sanitary ware (excluding sanitary earthenware)								
Drainpipes, angles, bends, elbows and traps (except pre-cast concrete)	498.5		7,113	100	414.4		5,101	
Other sanitary ware								
Of fireclay, glazed or enamelled								
Lavatory basins	2.4		259	21	1.7(c)		153(c)	
Sinks	38.1		2,007	28	25.6		1,224	
W.C. pans	2.9		292	22	2.1(c)		175(c)	
Other	9.0		672	23	6.8(c)		462(c)	
Unclassified	..		404	..	14.4 ..		726 426	
Pipes and tubes of stoneware or fireclay for electrical and other purposes, not sanitary ware	114.2		1,240	28	76.4		888	
Refractory goods								
Fireclay sold								
Ground	218.4		655	126	265.7		618	
Unground	126.7		194	37	86.7		128	
Silica stone sold								
Ground	78.4		276	12	87.4		304	
Unground					7.7		5	
Firebricks up to and including bricks of 9 in. x 4½ in. x 3 in.	828.5		4,660	131	835.9		4,172	
Firebricks or lumps, including tiles and bricks exceeding 9 in. x 4½ in. x 3 in.	357.8		4,439	109	286.6		3,189	
Bauxite and other bricks, shapes and tiles containing over 50 per cent. alumina	16.3		542	12	8.6		276	
Sillimanite bricks	9.0		472	19	5.2		193	

(87486/2)

TABLE 8 (contd.)

	United Kingdom 1951			Great Britain 1948	
	Quantity	Value	Entries	Quantity	Value
	Th. tons	£'000	No.	Th. tons	£'000
Refractory goods (contd.)					
Silica bricks up to and including bricks of 9 in. x 4½ in. x 3 in.	133.6	1,275	27	168.5	1,360
Silica bricks or lumps, including tiles and bricks exceeding 9 in. x 4½ in. x 3 in.	109.9	1,489	27	115.9	1,366
Siliceous bricks and shapes (75-92 per cent. silica)	43.9	430	11	34.7	270
Insulating bricks for furnace construction	26.5	835	15	20.7	539
Magnesite bricks	24.2	639	10	23.0	628
Chrome bricks	5.2	115	9	5.8	109
Chrome-magnesite bricks	62.1	1,447	7		
Other refractory bricks, including dolomite bricks	49.3	1,058	21	68.8	1,438
Total refractory bricks	1,666.5	17,402	..	1,573.7	13,539
Retorts, fireclay, silica and siliceous	Th. feet 73.5 ..	158 238	14	Th. feet 76.4 ..	120(d) 28
Refractory cement	Th. tons 148.4	1,418	51	Th. tons ..	4,758
Other sorts of refractory goods, including plumbago and other crucibles	..	4,757	74	..	..
Unclassified refractory goods	..	127	5	..	..
Total refractory goods	..	25,224	..	..	19,498
Graphite, ground, flaked, etc. (e)	2.8	198	..	2.2	130
Flowerpots, unglazed	14.2 ..	337 51	27	15.4 ..	267 64
Chimney pots	15.2	284	44	11.4 ..	216 41
Architectural terra-cotta and faience, glazed or unglazed, excluding charges for fixing	..	228	8	..	87
Clays, etc. sold (other than fireclay and silica stone)	118.9	222	92	134.7 ..	207 111
Other descriptions of sanitary ware, not specified above (except sanitary earthenware and slate urinals)	..	206	53	1.7 ..	19 ..
Slabbed brickwork (fireplace surrounds, etc.) (f)	..	..	..	1.5 ..	21 29
Other products of the trade, including bathbricks, hearthstones and the like	..	125	268	..	96
Waste products	..	..	..	..	..
Work done (e.g., fixing architectural terra-cotta and faience roofing) (g)	..	130	15	..	101
Total	..	83,621	..	..	57,856
Sales in other trades (see Table 9)	..	1,074	..	..	1,327
Principal products of this trade sold by establishments in the trade	..	82,547	969	..	56,529

- (a) For bricks, tiles, etc. of cement or concrete see the Building Materials Trade (Volume 1, Trade L). The quarry products included in this table are limited to those included in returns for this trade. They will not be included in the report on the Non-Metalliferous Mines and Quarries (other than Coal, Salt and Slate) Trade (Volume 1, Trade B).
- (b) Excluding glazed wall and hearth tiles and tiles for tessellated pavements, for which see the China and Earthenware Trade (Volume 1, Trade G).
- (c) Corrected figure.
- (d) Described as 'Retorts, fireclay and silica'.
- (e) So far as recorded separately.
- (f) So far as recorded in 1951. Not separately distinguished in 1948 (see footnote (b) to Table 10).
- (g) Amount charged.

(87486/2)

Sales of principal products of the trade by establishments
classified to other trades

Larger establishments

TABLE 9

	United Kingdom 1951			Great Britain 1948	
	Quantity	Value	Entries	Quantity	Value
	Million	£'000	No.	Million	£'000
Bricks, building					
Of brick-earth, clay, shale or marl					
Fletton type, common or facing	-	-	-	5.1	24
Non-Fletton type, common	-	-	-	10.1	50
Other building bricks, (except non-Fletton type facing and engineering bricks, glazed or enamelled bricks and sand-lime bricks)	..	64	..	0.7	6(a) 17
Unclassified	..	70	16	-	-
Total building bricks	..	134	..	15.8 ..	80 17
Flooring quarries and street paving tiles of clay	Mill. Th.tons			Mill. Th.tons	
Other sorts of tiles, except roofing tiles and bacteria bed tiles	..	7.3	98	..	7.2 6.9 59(b) 5
Total tiles	..	7.3	98	..	7.2 6.9 59 5
Sanitary ware (excluding sanitary earthenware)	Th.tons			Th.tons	
Drainpipes, angles, bends, elbows and traps (except pre-cast concrete)					
Other sanitary ware					
Of fireclay glazed or enamelled	6.7	107	..		
Sinks					
W.C. pans					
Lavatory basins	-	-	-	12.0	327
Other	-	-	-		
Other descriptions (except slate urinals)	-	-	-		
Refractory goods					
Refractory cement	0.4	16	..		
Other sorts of refractory goods (except fire- clay and silica stone, ground and unground, refractory bricks and retorts), including plumbago and other crucibles	..	518	9	..	723(c)
Unclassified	..	47	..		
Total refractory goods	..	581	..	..	723

TABLE 9 (contd.)

	United Kingdom 1951			Great Britain 1948	
	Quantity	Value	Entries	Quantity	Value
	Th.tons	£'000	No.		£'000
Agricultural drainpipes of clay, unglazed; graphite, ground, flaked, etc.; flower pots, unglazed; and architectural terra-cotta and faience, glazed or unglazed, excluding charges for fixing	2.0 ..	119 19	7	..	114(d)
Work done (e.g., fixing architectural terra- cotta and faience roofing) (e)		16	..		2
Total		1,074	..		1,327

(a) Including non-Fletton type facing bricks.

(b) Including plain roofing tiles of clay and ordinary pressed flooring quarries of materials other than clay.

(c) Including firebricks or lumps.

(d) Including chimney pots and fireclay retorts.

(e) Amount charged.

Sales in the trade of other than principal products

Larger establishments

TABLE 10

	United Kingdom 1951		Great Britain 1948	
	Quantity	Value	Quantity	Value
	Th.cwts.	£'000	Th.cwts.	£'000
Glazed tiles and sanitary earthenware	99.3	366	133.9(a)	897(a)
Porcelain, earthenware or stoneware for industrial purposes (including electrical ware)	..	59	9.9	36
Stoneware, brown and yellow ware	26.4	27	10.8	45
Red pottery and terra-cotta ware, glazed and unglazed (other than architectural, chimney pots and unglazed flower pots)	143.4	103	59.0 ..	45 36
Slabbed work and other tile and mosaic work (b)	..	87	..	170
Pre-cast concrete goods (including breeze blocks)	Th.tons 21.9	145	Th.tons 16.5	99
Other goods	..	93	..	69
Total		880		1,396

(a) Corrected figure.

(b) Excluding for 1951 slabbed brickwork, for which see Table 8. In 1948 slabbed brickwork was not separately distinguished.

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

TABLE 11

	Production (b)(c)	Exports (d)	Retained imports (e)	
	Million	Million	Million	
Bricks, building	1951	4.9	7.9	
	1948	2.7	6.3	
	1937	1.7	193.3	
Tiles, other than glazed wall and hearth tiles and tiles for tessellated pavements (g)	1951	9.0	14.9	
	1948	6.3	9.5	
	1937	3.7	28.9	
Agricultural drainpipes of clay, unglazed, and sanitary drainpipes, angles, bends, elbows and traps, other than of pre-cast concrete	1951	35.0	-	
	1948	26.9	-	
	1937	10.2	1.3	
Other sanitary ware of fireclay, glazed or enamelled	1951	£'000	£'000	
	1948	3,634	513	
	1937	1,641	55	
Refractory goods	Th. tons	Th. tons	Th. tons	
	Bricks, lumps and tiles	1951	112.3	2.4
		1948	90.9	1.7
1937		119.3	0.7	
Other	1951	24.5	1.9	
	1948	13.6	0.3	
	1937	7.0	13.8	
Other sorts of refractory goods (except fireclay, silica stone and refractory cement), including fireclay, silica and siliceous retorts, and plumbago and other crucibles	1951	£'000	£'000	
	1948	5,280	1,014	
	1937	4,905(i)	684	

(a) Figures of production (or sales) refer only to larger establishments in the United Kingdom (1951 and 1937) or Great Britain (1948). 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 1951 and 1948, and production for sale in 1937.

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

(d) Valued f.o.b.

(e) Valued c.i.f.

(f) Partly estimated.

(g) The overseas trade figures include tiles for tessellated pavements.

(h) Including other sanitary ware of earthenware.

(i) Including refractory cement.

Usage of certain specified purchased materials, 1951

Larger establishments in the United Kingdom

TABLE 12

Materials used	Quantity
	Th. cu. ft.
Timber (other than reclaimed) including that used for packing or packing case manufacture but excluding joinery, other fabricated woodwork and purchased packing cases	
Hardwood	145
Softwood	828
Bauxite	Th. tons 8.0

TABLE 13

Employment in September
Larger establishments (a)

	United Kingdom			Great Britain		United Kingdom	
	1951(b)	1950(b)	1949(b)	1949(b)	1948(c)	1937(c)	1935(c)
(i) Operatives							
Males							
Under 18	4,463	4,140	3,919	3,804	3,813	12,513	11,089
All ages	65,036	65,249	64,669	63,762	60,448	85,326	81,801
Females							
Under 18	404	332	358	358	427	888	708
All ages	4,712	4,208	4,413	4,413	4,479	4,376	4,145
Total							
Under 18	4,867	4,472	4,277	4,162	4,240	13,401	11,797
All ages	69,748	69,457	69,082	68,175	64,927	89,702	85,946

(ii) Administrative, technical and clerical employees (d)

	United Kingdom			Great Britain		United Kingdom	
	1951	1950	1949	1949	1948	1937	1935
(iii) Total employees							
Males							
Under 18	271	229	252	249	214	450	297
All ages	5,930	5,755	5,677	5,633	5,381	5,167	4,776
Females							
Under 18	331	317	301	299	300	177	99
All ages	2,028	1,907	1,765	1,751	1,612	984	851
Total							
Under 18	602	546	553	548	514	627	396
All ages	7,958(e)	7,662(e)	7,442(e)	7,384(e)	6,993(e)	6,151	5,627

(a) Excluded employees. The following persons were employed at the larger establishments in this trade in 1951 but are not included in the above tables or in any other Census of Production report (employees in Great Britain engaged, for example, in merchanting and in Northern Ireland canteen and welfare workers):-

Canteen workers 150 Males 421 Females
Other workers 301 Males 58 Females

(b) In week ended September 22, 1951, September 30, 1950, and September 24, 1949.

(c) Average for the year.

(d) In week ended September 22, 1951, September 30, 1950, September 24, 1949, September 25, 1948, October 16, 1937, and October 12, 1935.

(e) Working proprietors. In addition working proprietors, shown in Table 13(iv) below, were engaged in this trade in larger establishments. The 1937 and 1935 figures include working proprietors.

(iv) Working proprietors

	United Kingdom			Great Britain	
	1951	1950	1949	1949	1948
Males	61	68	76	52	54
Females	4	3	5	3	3
Total	65	71	81	55	57

Average employment
Larger establishments (a)

	Number						
	United Kingdom			Great Britain		United Kingdom	
	1951	1950	1949	1949	1948	1937	1935
Operatives	69,554(b)	69,366	68,158	67,278	64,927	89,702	85,946
Administrative, technical and clerical employees	7,867	7,589	7,337	7,280	6,993(c)	6,151(c)	5,627(c)
Total	77,421	76,955	75,495	74,558	71,920	95,853	91,573

- (a) For employment in small firms (employing on the average ten or fewer persons) that made satisfactory returns see Table 2.
 (b) Including 5,437 operatives employed in the quarries and clay pits which were associated with brick, etc. works in Great Britain. Separate particulars for earlier years are not available.
 (c) In week ended September 25, 1948, October 16, 1937, and October 12, 1935. The 1937 and 1935 figures include working proprietors.

Outworkers. In addition to the employees shown above the firms in this trade employed outworkers whose numbers are shown below.

	United Kingdom			Great Britain		United Kingdom	
	1951	1950	1949	1949	1948	1937	1935
Males	-	-	2	2	5	..	..
Females	-	-	2	2	1	..	..
Total	-	-	4	4	6	..	..

Shift working, 1951 (a)
Larger establishments in Great Britain

	Total number of man-shifts worked in the week	Total number of shift-hours worked in the week	Number of returns showing the systems stated
Continuous 3 shift systems per 24 hours averaging 8 hours per shift	13,416	105,935	56
Continuous 4 shift systems per 24 hours averaging 6 hours per shift	-	-	-
All 2 shift systems	35,098	323,902	72
Other shift systems	2,204	20,328	8
Total	50,718	450,165	(b)

(a) Shift working during week ended September 22, 1951.

(b) The number and percentage of returns showing shift working and of operatives on shift-work were as follows:-

	Returns		Operatives		
	Total in trade	Showing shift-work	Total in trade	Total on returns showing shift-work	Number employed on shift-work
Number	952	129	68,939	20,388	9,407
Percentage of total in trade	100.0	13.6	100.0	29.6	13.6
Percentage of total on returns showing shift-work				100.0	46.1

Wages and salaries and employers' National Insurance contributions paid during the year

Larger establishments

	£'000				
	United Kingdom			Great Britain	
	1951	1950	1949	1949	1948
Wages and salaries (a) of					
Operatives	26,565	24,160	22,748	22,504	20,674
Administrative, technical and clerical employees	4,122	3,796	3,538	3,518	3,176
Total	30,687	27,956	26,286	26,022	23,851
Employers' contributions to all National Insurance Schemes	803	788	765	756	600

(a) Including bonus and commission payments, but excluding payments to outworkers (£1,000 in 1948 and a negligible amount in 1949).

Plant, machinery and vehicles - acquisitions and disposals, and capital expenditure on new building work

Larger establishments

	United Kingdom		Great Britain	
	1951	1949	1949	1948
Plant, machinery and vehicles				
Acquisitions				
Plant and machinery				
New	2,145	1,998	1,966	1,646
Second-hand	167	147	145	124
Vehicles				
New	548	411	404	200
Second-hand	101	62	61	81
Total acquisitions	2,961	2,618	2,577	2,053
Disposals				
Plant and machinery	100	70	69	90
Vehicles	88	39	39	48
Total disposals	188	109	107	139
New building work				
Capital expenditure on new building and other constructional work of a capital nature (excluding site values and development charges)	921	978	952	649

TREATMENT OF NON-METALLIFEROUS MINING PRODUCTS OTHER THAN COAL
COUNTRY TABLES
BRICK AND FIRECLAY TRADE
1951

Summary
Larger establishments

TABLE 18

	England	Wales	Scotland	Great Britain	Northern Ireland	United Kingdom
	£'000	£'000	£'000	£'000	£'000	£'000
Gross output (production)	66,903	4,844	11,073	82,819	901	83,720
Cost of materials and fuel used	21,834	1,719	4,043	27,597	338	27,934
Payment for work done on materials given out	32	6	2	40	-	40
Transport payments	7,590	379	1,118	9,087	81	9,168
Net output	37,447	2,740	5,909	46,096	482	46,578
Wages and salaries of persons employed	24,813	1,770	3,817	30,401	286	30,687
	No.	No.	No.	No.	No.	No.
Average number of persons employed (a)	61,873	4,722	9,986	76,581	905	77,486
	£	£	£	£	£	£
Net output per person employed (a)	605	580	592	602	532	601
	£'000	£'000	£'000	£'000	£'000	£'000
Stocks at end of year						
Products on hand for sale and work in progress	4,916	285	707	5,907	30	5,937
Materials and fuel	3,644	233	509	4,385	26	4,411
	No.	No.	No.	No.	No.	No.
Number of establishments	826	85	122	1,033	17	1,050

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

	£'000	£'000	£'000	£'000	£'000	£'000
Output of firms in this trade						
Total value of sales (see Table 20)	66,695	4,818	11,015	82,528	898	83,427
Changes in stocks and work in progress (see Table 21)	+ 208	+ 25	+ 57	+ 291	+ 3	+ 294
Gross output (production)	66,903	4,844	11,073	82,819	901	83,720
Materials and fuel used by firms in this trade						
Purchases	22,403	1,742	4,067	28,212	336	28,548
Changes in stocks (see Table 21)	- 569	- 22	- 23	- 615	+ 1	- 614
Materials and fuel used	21,834	1,719	4,043	27,597	338	27,934

(a) Including working proprietors.

Summary

Small firms in Great Britain (a)

TABLE 19

	England	Wales	Scotland	Great Britain
Number of returns	191	7	8	206
Average number of persons employed (b)				
Males	1,148	45	57	1,250
Females	51	13	7	71
Total	1,199	58	64	1,321

(a) Small firms in Great Britain (employing on the average ten or fewer persons) that made satisfactory returns.
(b) Including working proprietors.

Sales in the trade: Larger establishments

TABLE 20

	England and Wales		Scotland		Great Britain		Northern Ireland		United Kingdom	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
	Million	£'000	Million	£'000	Million	£'000	Million	£'000	Million	£'000
Principal products										
Bricks, building										
Of brick-earth, clay, shale or marl										
Fletton type										
Common	1,886.6	9,466	..	(a)	..	..	..	(a)	1,985.3	10,018
Facing	..	(a)	..	(a)	515.4	3,541	-	-	515.4	3,541
Non-Fletton type										
Common	1,719.5	10,354	389.3	2,111	2,108.9	12,465	38.4	273	2,147.2	12,738
Facing	841.5	7,771	15.1	149	856.6	7,920	21.2	252	877.8	8,172
Engineering	186.0	2,074	7.7	67	193.7	2,141	-	-	193.7	2,141
Glazed or enamelled bricks	..	(a)	..	(a)	5.1	291	-	-	5.1	291
Sand-lime bricks	105.6	543	..	(a)	..	..	..	(a)	122.5	645
Other building bricks	32.9	311	..	(a)	..	..	..	(a)	149.6	925
	..	21							..	21
Total building bricks	5,288.7	34,304	631.6	3,516	5,920.3	37,819	76.3	651	5,996.6	38,471
	..	21	..	..	..	21	..	..	..	21
Clay and terra-cotta flooring and wall partition blocks										
	33.8	832	0.1	3	33.9	836	-	-	33.9	836
	Th. tons		Th. tons		Th. tons					
	161.8		0.5		162.3				162.3	
Roofing tiles of clay										
Plain										
	Million	1,346	-	-	Million	1,346	-	-	Million	1,346
	169.1				169.1					
	Th. tons				Th. tons				Th. tons	
	190.2				190.2				190.2	
Single lap										
	Million	800	-	-	Million	800	-	-	Million	800
	101.2				101.2					
	14.9				14.9				14.9	
	Th. tons				Th. tons				Th. tons	
	41.8				41.8				41.8	
Other, including ridges, hips, valleys, etc.										
	Million	341	-	1	Million	342	-	-	Million	342
	7.2				7.2					
	11.0				11.0				11.0	
	Th. tons				Th. tons				Th. tons	
	24.8				24.9				24.9	
	Million	106	-	-	Million	106	-	-	Million	106
	3.0				3.0					
	3.0				Th. tons				Th. tons	
Flooring quarries and street paving tiles of clay, and other sorts of tiles, including bacteria bed tiles										
	..	(a)	..	(a)	93.7	1,000	-	-	93.7	1,000
	..	..	..	..	..	227	..	..	..	227
Total tiles	..	(a)	..	(a)	350.6	3,148	-	-	350.6	3,148
	..	..	..	..	..	1,239	..	..	..	1,239

(87/486/2) TABLE 20 (contd.)

	England and Wales		Scotland		Great Britain		Northern Ireland		United Kingdom	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
	Th. tons	£'000	Th. tons	£'000	Th. tons	£'000		£'000	Th. tons	£'000
Principal products (contd.)										
Sanitary ware (excluding sanitary earthenware)										
Drainpipes, angles, bends, elbows and traps (except pre-cast concrete), and sinks and W.C. pans of fireclay, glazed or enamelled	447.5	7,575	..	(a)	..	..	..	(a)	532.8	9,304
Other sanitary ware										
Of fireclay, glazed or enamelled										
Lavatory basins	1.9	197	0.5	61	2.4	259	-	-	2.4	259
Other	7.6	531	1.4	141	9.0	672	-	-	9.0	672
Unclassified	..	404	-	-	..	404	-	-	..	404
Pipes and tubes of stoneware or fireclay for electrical and other purposes, not sanitary ware	113.6	1,233	..	(a)	..	..	..	(a)	114.2	1,240
Refractory goods										
Fireclay sold										
Ground	140.2	443	..	(a)	..	..	..	(a)	218.4	655
Unground	58.8	79	75.8	115	126.7	194	-	-	126.7	194
Silica stone (ground and unground) sold	47.9	234	30.5	42	78.4	276	-	-	78.4	276
Firebricks up to and including bricks of 9 in. x 4½ in. x 3 in.	432.0	2,322	..	(a)	..	..	..	(a)	828.5	4,660
Firebricks or lumps, including tiles and bricks exceeding 9 in. x 4½ in. x 3 in.	252.3	3,157	..	(a)	..	..	..	(a)	357.8	4,439
Bauxite and other bricks, shapes and tiles containing over 50 per cent. alumina	..	(a)	..	(a)	16.3	542	-	-	16.3	542
Sillimanite bricks	..	(a)	..	(a)	9.0	472	-	-	9.0	472
Silica bricks up to and including bricks of 9 in. x 4½ in. x 3 in.	..	(a)	..	(a)	133.6	1,275	-	-	133.6	1,275
Silica bricks or lumps, including tiles and bricks exceeding 9 in. x 4½ in. x 3 in.	..	(a)	..	(a)	109.9	1,489	-	-	109.9	1,489
Siliceous bricks and shapes (75 - 92 per cent. silica)	..	(a)	..	(a)	43.9	430	-	-	43.9	430
Insulating bricks for furnace construction	..	(a)	..	(a)	26.5	835	-	-	26.5	835
Magnesite bricks	..	(a)	..	(a)	24.2	639	-	-	24.2	639
Chrome bricks	..	(a)	..	(a)	5.2	115	-	-	5.2	115
Chrome-magnesite bricks	..	(a)	..	(a)	62.1	1,447	-	-	62.1	1,447
Other refractory bricks, including dolomite bricks	..	(a)	..	(a)	49.3	1,058	-	-	49.3	1,058
Total refractory bricks	1,116.9	12,699	..	(a)	..	..	..	(a)	1,666.5	17,402

1/F/16 TREATMENT OF NON-METALLIFEROUS MINING PRODUCTS OTHER THAN COAL COUNTRY TABLES

(87/486/2)

Retorts, fireclay, silica and siliceous	Th. feet	(a)	Th. feet	(a)	Th. feet	158 238	-	-	Th. feet	73.5 238	158 238
Refractory cement	Th. tons	1,266	Th. tons	9.6	Th. tons	148.0	1,402	-	Th. tons	148.0	1,402
Other sorts of refractory goods, including plumbago and other crucibles	..	4,166	..	(a)	..	..	..	(a)	..	4,239
Unclassified refractory goods	..	80	-	-	..	80	-	-	..	80	
Total refractory goods	..	(a)	..	(a)	..	..	..	(a)	..	24,643
Chimney pots	12.0	232	..	(a)	..	..	..	(a)	15.2	284
Clays, etc. sold (other than fireclay and silica stone)	113.7	183	..	(a)	..	..	..	(a)	118.9	222
Agricultural drainpipes of clay, unglazed; graphite, ground, flaked, etc.; flower pots, unglazed; and architectural terracotta and faience, glazed or unglazed, excluding charges for fixing	98.6 ..	867 333	..	(a)	..	..	..	(a)	123.6 ..	1,023 336
Other descriptions of sanitary ware, not specified above (except sanitary earthenware and slate urinals); slabbed brickwork (fireplace surrounds, etc.); and other products of the trade, including bath bricks, hearthstones and the like	..	182	..	24	..	206	-	-	..	206	
Waste products	..	115	..	10	..	125	-	-	..	125	
Work done (e.g., fixing architectural terracotta and faience roofing) (b)	..	114	-	-	..	114	-	-	..	114	
Total principal products	..	70,862	..	(a)	..	..	..	(a)	..	82,547
Other output											
Glazed tiles, and sanitary earthenware	..	(a)	..	(a)	Th. cwts.	99.3	366	-	Th. cwts.	99.3	366
Porcelain, earthenware or stoneware for industrial purposes (including electrical ware)	..	(a)	..	(a)	..	59	-	-	..	59	
Stoneware, brown and yellow ware	26.4	27	-	-	26.4	27	-	-	26.4	27	
Red pottery and terra-cotta ware, glazed and unglazed (other than architectural, chimney pots and unglazed flower pots)	143.4	103	-	-	143.4	103	-	-	143.4	103	
Slabbed work and other tile and mosaic work (except slabbed brickwork)	..	(a)	..	(a)	..	87	-	-	..	87	
Pre-cast concrete goods (including breeze blocks)	..	(a)	..	(a)	(a)	Th. tons	21.9	145
Other goods	..	(a)	..	(a)	..	93	-	-	..	93	
Total	..	71,513	..	11,015	..	82,528	..	898	..	83,427	

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

BRICK AND FIRECLAY COUNTRY TABLES

1/F/17

Stocks of products on hand for sale and work in progress,
and stocks of materials and fuel

Larger establishments

		England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom
Products on hand for sale	{ at beginning of year	3,537	484	4,021	23	4,044
	{ at end of year	3,608	523	4,131	24	4,155
Work in progress	{ at beginning of year	1,430	166	1,595	4	1,600
	{ at end of year	1,592	184	1,777	5	1,782
Total products on hand for sale and work in progress	{ at beginning of year	4,967	650	5,616	27	5,643
	{ at end of year	5,200	707	5,907	30	5,937
Materials and fuel	{ at beginning of year	3,285	486	3,771	27	3,797
	{ at end of year	3,876	509	4,385	26	4,411

Employment in September

Larger establishments (a)(b)

(i) Operatives					
	England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom
Males					
Under 18	3,682	689	4,371	92	4,463
All ages	56,117	8,110	64,227	809	65,036
Females					
Under 18	318	86	404	-	404
All ages	3,649	1,063	4,712	-	4,712
Total					
Under 18	4,000	775	4,775	92	4,867
All ages	59,766	9,173	68,939	809	69,748
(ii) Administrative, technical and clerical employees					
	England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom
Males					
Under 18	219	47	266	5	271
All ages	5,240	649	5,889	41	5,930
Females					
Under 18	279	51	330	1	331
All ages	1,767	250	2,017	11	2,028
Total					
Under 18	498	98	596	6	602
All ages (c)	7,007	899	7,906	52	7,958

TABLE 22 (contd.)

(iii) Total employees

	England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom
Males					
Under 18	3,901	736	4,637	97	4,734
All ages	61,357	8,759	70,116	850	70,966
Females					
Under 18	597	137	734	1	735
All ages	5,416	1,313	6,729	11	6,740
Total					
Under 18	4,498	873	5,371	98	5,469
All ages (c)	66,773	10,072	76,845	861	77,706

(a) Excluded employees. The number of persons employed at the larger establishments in this trade but not included in the above tables or in any other Census of Production report (employees in Great Britain engaged, for example, in merchandising and in Northern Ireland canteen and welfare workers) are shown in Table 22(v) below.

(b) Number employed in the week ended September 22, 1951.

(c) Working proprietors. In addition working proprietors, shown in Table 22(iv) below, were engaged in this trade in larger establishments.

(iv) Working proprietors

	England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom
Males	37	1	38	23	61
Females	3	-	3	1	4
Total	40	1	41	24	65

(v) Excluded employees

	England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom
Canteen workers					
Males	144	5	149	1	150
Females	384	36	420	1	421
Total	528	41	569	2	571
Other workers					
Males	284	17	301	-	301
Females	52	6	58	-	58
Total	336	23	359	-	359
Total excluded employees	864	64	928	2	930

Average employment

Larger establishments (a)

	England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom
Operatives	59,641	9,084	68,725	829	69,554
Administrative, technical and clerical employees	6,914	901	7,815	52	7,867
Total	66,555	9,985	76,540	881	77,421

(a) For employment in small firms in Great Britain (employing on the average ten or fewer persons) that made satisfactory returns see Table 19.

Outworkers. No outworkers were recorded in this trade for 1951.

Wages and salaries and employers' National Insurance
contributions paid during the year
Larger establishments

TABLE 24 £'000

	England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom
Wages and salaries (a) of					
Operatives	22,983	3,320	26,303	262	26,565
Administrative, technical and clerical employees	3,601	497	4,098	24	4,122
Total	26,584	3,817	30,401	286	30,687
Employers' contributions to all National Insurance Schemes	693	101	794	9	803

(a) Including bonus and commission payments.

Plant, machinery and vehicles - acquisitions and disposals,
and capital expenditure on new building work
Larger establishments

TABLE 25 £'000

	England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom
Plant, machinery and vehicles					
Acquisitions					
Plant and machinery					
New	1,823	295	2,118	27	2,145
Second-hand	147	11	158	9	167
Vehicles					
New	507	29	537	11	548
Second-hand	87	10	96	5	101
Total acquisitions	2,564	345	2,908	52	2,961
Disposals					
Plant and machinery	93	7	100	-	100
Vehicles	72	5	78	11	88
Total disposals	165	13	178	11	188
New building work					
Capital expenditure on new building and other constructional work of a capital nature (excluding site values and development charges)	818	85	903	18	921

Payments for transport services for finished goods
sold and materials and fuel purchased
Larger establishments

TABLE 26 £'000

	England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom
Amounts paid to other firms and undertakings	7,014	1,055	8,069	81	8,150
Amount paid or credited to firms' own separate transport organisations	955	63	1,018	-	1,018
Total	7,969	1,118	9,087	81	9,168

GENERAL NOTES

The following brief notes refer to Great Britain and, unless otherwise stated, to the census of production for 1951. Reference should be made to the separate booklet in this series entitled 'The Report on the Census of Production for 1951: Introductory Notes' (price 1s.6d. net) for particulars of the minor differences in the Northern Ireland censuses and other details about the census of production.

Trade classification: Establishments are classified to trades according to the nature of their output. Certain products, called principal products, are identified as characteristic of the production of individual trades, the principal products for a given trade being of a similar nature or commonly associated in production. An establishment is classified to a trade if its output of principal products of that trade accounted for a greater proportion of the value of its output than did its output of principal products of any other trade.

The establishment: The basic unit for the collection of information is generally the establishment which in most cases comprises the whole of the premises under the same ownership or management at a particular address (e.g., a factory). Offices, warehouses and other ancillary places of business situated apart from the producing works are included in the return for the works.

Larger establishments and small firms: Larger establishments are those which employed more than 10 persons on the average during the year; small firms are those employing on the average 10 or fewer persons.

Working proprietors are proprietors of businesses other than limited companies, and include members of their families who work in the business without receiving fixed wages or salaries. Any persons working less than half the normal hours are excluded.

Persons employed: Administrative employees include directors other than those paid by fee only, managers, superintendents and works foremen; research, experimental, development, technical and design employees (other than operatives); draughtsmen and tracers; and travellers and office (including works office) employees. Operatives include all other classes of employees, that is, broadly speaking, all manual workers.

All these figures exclude canteen employees and persons engaged in merchandising or any other activity not covered by a firm's return who are shown separately as excluded employees.

Figures for employees include only persons on the pay-roll (that is whose National Insurance cards were held by the firm), whether full-time or part-time employees.

Outworkers, who are shown separately, are persons employed by the firm who work on materials supplied by the firm, but do not work on the premises; operatives directly employed who work out of doors (e.g., maintenance workers) and sub-contractors are not included as outworkers.

Wages and salaries include all overtime payments, bonuses, and commissions, without any deduction for income tax, insurance, contributory pensions, etc. They exclude payments to working proprietors.

Capital expenditure: Expenditure on plant, machinery and vehicles relates to expenditure charged to capital account during the year of return, including transport and installation costs involved. Expenditure on new building work is similarly that charged to capital account during the year.

Materials and fuel: The cost of materials and fuel purchased includes all purchases during the year of materials for use in production and of fuel (including oil, gas, and electricity for all purposes, including heating and lighting); all packing materials, including the full cost of returnable containers when first purchased; workshop materials; office materials; water charges; materials for repairs to firms' own buildings, plant and vehicles when carried out by

their own work people included in the return; and consumable tools and parts for machinery purchased as replacement. Materials, components, etc. which were purchased and re-sold in the same state (that is, merchanted or factored goods) were excluded. For 1951 firms in many trades were required to state the quantities of certain purchased materials used.

Stocks and work in progress: Firms were instructed to give these at income tax value.

Output: Sales means sales during the year of goods made in the establishment covered by the return or made on commission for it, whether produced in the year or not. For all post-war censuses the value of sales was the net selling value, that is, the amount charged to customers, whether on an ex-works or delivered basis, and net of any trade discounts, agents' commissions, allowances for returnable cases, purchase tax, etc. For goods charged on a delivered basis to customers overseas, firms were required to give the f.o.b. value.

Gross output of a trade is the total value of goods made and other work done during the year; this means the value of sales and work done during the year adjusted for changes in the values of stocks.

Net output is the amount left after deducting from the value of gross output the aggregate of the cost of materials and fuel used and the amount paid for work given out and, for 1951, any transport payments included in firms' returns. This represents the value added to materials by the process of production, and constitutes the fund from which wages, salaries, rents, rates and taxes, advertising and other selling expenses and all other similar charges have to be met as well as depreciation and profits.

Customs and Excise Duty paid on materials purchased is included in the cost of materials, but where it is especially important separate figures are shown.

Later reports: Reports will be published later summarising the main census results and giving information about power equipment and fuel consumption.

Disclosure of information: The report has been prepared in conformity with the disclosure provisions of the Statistics of Trade Act, 1947. Figures have been combined with others of a similar nature in certain cases where publication of separate details might disclose the operations of an individual firm.

Symbols used: '...' for 'Not available', '-' for 'Nil or negligible (less than half the final digit shown)'

The figures in the tables have been rounded off to the nearest final digit, and there may be an apparent slight discrepancy between the sums of the constituent items and the totals shown.

Tables 1 to 17 show figures for the United Kingdom (or Great Britain).

Tables 18 to 26 are country tables and give, where practicable, separate details for England and Wales, Scotland and Northern Ireland.

Table 6: Specialist producers refer to those establishments 50 per cent. or more of whose total output by value is accounted for by the groups of products specified.

Table 8 (or 8(i)) shows the total sales of principal products of the trade, and includes therefore the sales of these products returned by establishments whether classified to the trade or to other trades. Those produced by establishments in other trades are shown in Table 9.

Table 10 shows the sales by establishments in the trade of products other than those regarded as principal products of the trade.

Table 20 (or 20(i)) shows sales by establishments in the trade of products, whether principal products or not, and broadly the aggregates here are equal to the corresponding figures in Table 8 (or 8(i)) less those in Table 9, plus those in Table 10.

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