

BOARD OF TRADE

FINAL REPORT on the CENSUS OF PRODUCTION FOR 1948

Volume I

Trade I

GLASS

(OTHER THAN CONTAINERS)

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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1952

THREE SHILLINGS NET

In interpreting the data in the following tables, it is essential to bear in mind not only the qualifications mentioned in this report but also the general explanations and qualifications contained in the separate booklet published in this series by H.M. Stationery Office entitled "Final Reports of the Census of Production for 1948: Introductory Notes", price 2s 0d. NET

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* Not applicable to this trade

GLASS (OTHER THAN CONTAINERS) TRADE

THIS REPORT on the Glass (other than Containers) Trade relates to establishments engaged wholly or mainly in the manufacture of all types of sheet glass (including wired and other "safety" glass), glass rods, glass tubing, domestic glassware, mirrors, leaded lights, lamp glasses and lamp bulbs, scientific and surgical glassware; glass cutting, decorating, engraving, polishing, staining, etc.; and all other glass products other than containers. The manufacture of optical glass is included but the grinding of lenses is excluded.

This trade corresponds to minimum list heading 22 in the Standard Industrial Classification.

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



GLASS (OTHER THAN CONTAINERS) TRADE

Summary

Larger establishments

TABLE I

	1948	1937	1935
	£'000	£1000	£'000
Gross output (production)	34,263	12,330	10,625
Cost of materials and fuel used	13,131	4,504	4,133
Payment for work done on materials given out	90	21	30
Net output	21,041	7,805	6,462
Wages and salaries of persons employed	12,077	· •	• •
Average number of persons employed (a)	No. 38,017(b)	No. 29,932	No. 28,436
Net output per person employed (a)	£ 553 _,	£ 261	£ 227
Stocks at end of year	£'000	£!000	£1000
Finished products and work in progress	2,430		
Materials and fuel	2,547	•	
Number of establishments	No. 272	No. ••	No. 260

(a) Excluding outworkers.

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

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

	1948	1937	1935
Output of firms in this trade	£'000	£!000	£'000
Total value of sales (1948) or production (1937 and 1935)			
Principal products (see Table 8)	33,700	12,099	10,337
Other output (see Table 10)	916	231	288
Adjustment for changes in stocks and work in progress (see Table 14)	+419		
Less payment for transport by other firms	35,035 773	12,330	10,625
Gross output (production)	34,263	12,330	10,625
Materials and fuel used by firms in this trade			
Purchases (see Table 13)	13,276	1 501	4,133
Adjustment for changes in stocks (see Table 14)	-145	4,504	4,100
Material and fuel used	13, 131	4,504	4,133

Summary, 1948

Small firms in Great Britain

TABLE 2

the second
389
.1,881
471
2,352

(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)	38,017
Employing on average ten persons or less (b)	2,352
	40,369
Estimated average employment in firms not making satisfactory returns	97
Estimated average employment in all firms	40,466

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

Analysis by size, 1948 Larger establishments in Great Britain

Average	numbon		Net	Persons		Remuneration		Net output
			output	output employed W		Salaries	Total	per person employed
	No.	£'000	£'000	No.	£'000	£'000	£'000	. 2
11-24	084 8 77 888	1,105	663	1,331	315	83	398	498
25-49	86	2,628	1,481	3,075	726	179	905	482
50-99	49	2,632	1,578	3,258	849	190	1,039	484
100-199	28	3,083	1,909	3,981	1,006	237	1,243	479
200-299	10	1,975	1,178	2,279	614	117	731	517
300-399	6	1,276	870	2,136	493	84	577	407
400-499	4	1,714	912	1,774	419	127	546	514
500-999	6	4,409	2,406	4,199	1,085	265	1,350	573
1,000 and over	6	15,442	10,044	15,984	4,085	1,203	5,288	628
Total	272	34,263	21,041	38,017	9,592	2,486	12,077	553

Analysis by standard region, 1948

Larger establishments in Great Britain

TABLE 5

	Establish-	Gross	Net	output	Persons	Remuneration			
Region	ments	output	Value	Value Percentage of total		Wages	Salaries	Total	
America.	No.	£'000	£'000	acceledad si	No.	£1000	£1000	£1000	
England					10240				
Northern	14	3,370	2,234	10.6	4,548	1,053	180	1,233	
East and West Ridings of	MAN OF DEPEN					E BUBAT	19,000		
Yorkshire	22	2,534	1,671	7.9	3,065	797	198	995	
North Midland; and Eastern	11	428	280	1.3	577	127	31	158	
London and South Eastern	105	7,061	3,796	18.0	7,157	2,029	440	2,469	
Southern	7	279	148	0.7	269	70	21	91	
South Western	6	167	105	0.5	228	51	19	70	
Midland	40	5,654	3,350	15.9	6,883	1,680	470	2,151	
North Western	42	12,866	8,355	39.7	12,625	3,179	1,002	4,181	
Total England	247	32,358	19,938	94.8	35,352	8,987	2,361	11,348	
Wales	10	930	545	2.6	1,167	278	48	326	
Scotland	15	975	558	2.7	1,498	327	76	403	
Great Britain	272	34,263	21,041	100.0	38,017	9,592	2,486	12,077	

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

TABLE 6

	30,000								B SABARAS T
THE WALL WAS A STREET	Establish-		Sales of charac-	Net	Persons	2	Remuneratio	n	Net output per person
CONTRACTOR DESCRIPTION	ments	output	teristic	output	employed	Wages	Salaries	Total	employed
roles itom	No.	£'000	£'000	£'000	No.	£'000	£'000	£'000	2
Specialist producers of								bedales bedales megales id	Control of the contro
Plate or sheet glass silvered or metallised, glass mirrors unframed, framed or backed,	73 des.				1023 (51	8.539.7	000 (000) A	relections	CANDON AND CONTROL OF THE CONTROL OF
but not further assembled, shelves, finger plates, table tops and adver-	A See	- 12 31 ti	57 48 50 48	1 881	110011	A.OUT	Sal 29 30a H	te Denigra	A STATE OF THE STA
tisement tablets	39	1,826	1,517	1,011	1,820	526	95	621	556
Domestic and fancy glassware, including heat	332.0				ora, ac			partial t	and lands
resisting glassware	24	4,432	3,432	3,148	6,032	1,487	220	1,707	522
Leaded lights, stained glass and			5-7 BND				i a	natra des	A TANKASA
memorial tablets	13	191	151	138	311	77	21	98	443
Safety glass for motor cars, etc.	8	1,966	1,943	818	1,589	329	154	482	515
Remainder of the trade	188	25,847		15,926	28, 265	7,173	1,995	9,168	563
Total	272 '	34,263		21,041	38,017	9,592	2,486	12,077	553
AND COMMENTAL DESCRIPTION OF DESCRIPTION OF THE PROPERTY OF TH									

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

Turano ser not		194 Sa.	les		. 1937 Product		1935 Production		
mened les person	Quant	tity	Value	Entries	Quantity	Value	Quantity	Value	
(4836 live) a	Th. sq. ft.	Th.cwts.	£1000	No.	Th.sq.ft.	£'000		٤'000	
Plate and sheet glass and rolled or figured glass (including bevelled, decorated or otherwise finished glass (except silvered		00012	1000 S	- Nota	00019 000	No.	e* 000 Z	(Ellatores	
or metallised glass), but excluding spec- tacle glass and safety glass for motor cars, etc.) (a)	409,499 5,360	7,223.8	13, 239 616 391	}	4.545	4,955	sheet sed	4,714(b)	
Plate or sheet glass silvered or metallised, and glass mirrors unframed, framed or backed, but not further assembled	6,162 1,898	170.4	1,201 457 456	128	5,784 Th.cwts.	780 570	Abordon to	786(c)	
Shelves, finger plates, table tops and advertisement tablets		41.6	276 234	91 {	42.8	129 91	}	242 (d)	
Total plate, sheet, rolled and figured glass			16,870	••		6,525	18281 50 A Maria Sala	5,742	
Domestic and fancy glassware	Th. gross	755,2		841,8	SEA.8354	4 1	Th. cwts.	unisatis Tasiasi	
Stemmed glass drinking vessels				30.7	10.40		tends, sad t	panen.	
Mouth blown	9.5	4.3	180 24	12	8.9	106	6.6	75 16	
Other than mouth blown	31	-	98641	818	206.1. 200	4	1539 .016	3 10 3 G K	
Tumblers	ne,i	272.7		sactaf		88 278	40 200 10	TOTAL SECTION	
Crystal and semi-crystal	17.2	9.9	246	14	6.7	53		fator.	
Other descriptions	20.1	8.8	114						
Mouth blown	••	••	12	11	146.4	285	71 × 40 × 10 × 10 × 10 × 10 × 10 × 10 × 1		
Other than mouth blown	69.6 362.2	68.9	216 479	9			_	()	
Beer mugs	16.1 12.6	22.5	101 50	5			322.4	896(e) 95	
Carafes and jugs			110				-		
Mouth blown	2.1	5.6	112	13	ke of inter	- Total ne	TABLE 7		
Other than mouth {	5.0 14.5	11.0	48 68	6	237.5	668(e)			
Other table glassware and toilet, ornamen- tal and stationery glassware								,	

TABLE 8 (contd.)

			948 ales					1937 Production			1935 Production		
nolypubers	Quai	ntity	Value	Ent	ries		Quai	ntity	Value	Quan	tity	Value	
	Th. gross	Th. cwt.	£ 2'000	N	10.		Th. c	wts.	£'000	Th. c	wts.	£'000	
oomestic and fancy glassware (contd.)													
Other table glassware and toilet, orna- mental and stationery glassware	-		5.3							1.000			
Mouth blown {		30.0			25		- 1						
Other than mouth blown	650.6	239.	180		27								
Kitchen-ware, cooking ware, refrigerator jars and trays, etc.,	a				341								
other than heat- resisting glassware(f)		7.	3 37		7		60	•6	333	40	.2	186	
	Thous.	Th. cwts.		Consultation of the Consul			Thous.	Th. cwts.		Thous.	Th. cwts.		
Iluminating glassware	(72)		1.38										
Glass bulbs for electric lamps, radio valves,													
cathode ray tubes, etc. (g)	54,093 109,184	40.			••		106,769	69.7	329	89,990	61.1	287	
Oil lamp chimneys and miners' lamp glasses	2,533	6.	7 127		14	-	605	1.2	13 10	644	1.3	15 2	
Hurricane lamp glasses	839 818	3.	1 47		6		365	3.1	5	95	0.8	1	
Globes, bowls and shades, not elsewhere specified	3,190 676	15.	104		22		3,526	56.3	343	3,998	55.9	331	
Other illuminating glassware	••	13.	1 011	}	17	1	::	12.2	41 115	}	•	83	
Total illuminating glassware			3, 177				2000		856			719	
	Th.	cwts.					Th.	cwts.		Th.	cwts.		
Machinery glassware									SHOULD !				
Gauge glasses		8.8	133	1	17	-		4.4	51	4	3.5	48	
Other descriptions		4.0	40 69	}	14	1		0.7	6 4			5 3	
Total machinery glassware			241						61			56	
Glass tubing and rod	12	2.7	958 114	}	17	-	301 3	58.1	206 42	34	1.2	194 42	
Scientific glassware (except tubing and rod)										733			
Laboratory glass- ware													
Furnace made		4.4	377 190	}	18	0							
Lamp blown {		8.8	260 501	}	29								

TABLE 8 (contd.)

	0.001190000	1948 Sales		193 Produc		193 Produc	
	Quantity	Value	Entries	Quantity	Value	Quantity	Value
	Th.cwts.	£1000	No.	Th.cwts.	£'000	Th.cwts.	£'000
Scientific glassware (except tubing and rod) (contd.)	-					4 Lance V. 2.13 14 1	
Medical and surgical glassware				22.1	183(h) 121	23.2	161(h) 76
Furnace made	31.9	174 58	14	222 A 5 38		NORTON DES	
Lamp blown {	5.8	78 160	18	hat was	1. 1. 1. 1.	Total same	
Other descriptions	- ·	145	14		35		31
Lenses or prisms, pressed or moulded, unworked (including pressed or moulded blanks of unworked or worked lenses and prisms), other than spectacle or optical glass	Thous. 5,473 Th.cwts. 21.7 Thous. 446 Th.cwts.	145	8	28.3	120	20.8	97
Tiles, paving blocks and squares, of cast or pressed glass	10.0	- 37 9	7	26.6	48(1) 35		(1)
Leaded lights	77.2	190 212	91		473	·	496
	Th.sq.ft.	-		000 133,20	The state of the s	ine e fur	1,3000
Stained glass and memorial tablets (other than leaded lights)	119	139 12	26	Th.sq.ft.	45	Th.sq.ft.	24 (k)
	10,113 Th.cwts. 238.8	1,773		9,916		6,748	AUSTRALIA SERVICE SERV
Safety glass for motor cars, etc.	Th. sq. ft. 1.423 Th. cwts.	268	38	Th.cwts. 229.7	1,533	Th.cwts. 156.2	1,120
Rough glass in the mass, waste and broken glass, and crushed glass (in powder, including chips)	99.6	5 1	86	30.7	3 1	Vanish	155
Glass buttons	900	103	10	338	45 AND 1		100
Glass beads and glass parts for jewellery	0.2	21	}!		143	52.08 May 21	
Other glass and glassware		3,874	- ••				
					Sanda Ta		Acres .
DS 7415/1							Problem of the second

Sales (or production) of principal products of the trade by (.btno) 8 Sales

		1948 Sales	imdebldsieo	Produc	7 tion	1935 Production		
	Quantity	Value	Entries	Quantity	Value	Quantity	Value	
ion errors and not	puporii i	£'000	No.		ล'000		£'000	
Work done for the	es Quantity	hing is	risv ,	Quantl ty				
trade or on commission (1)	Th. sq. ft.	O - No.	00 12 E1 00	Th. sq. ft. Th				
Silvering, engraving, bevelling, staining, etc.		109	44		ballon be	meet glass a class (incl decorated or	bas sieli surgii so beili72 d	
Other work done	and.	105	17	25 8	-ball 32 100	sed plass), cle glass an motor cars,	1161 34 0 35998 301	
buildings (1) (m) Residential Other	CAUSES OF	593 1,075	69	98	768	seet glacs at and glass framed or ba r assembled	656	
Repair work (1)	In. Circus	299	46	zaora "nii	67 67	nger plates, dvertlagnent	5 3	
Total Less sales (or		36, 156	•		12,823	(other than or orthograph)	10,996	
production) in other trades (see Table 9)	he steente	2, 456	25000 • 10100	igal (toches)	724	rngae)	659	
Total principal products of this trade sold or made by establishments in the trade	214.9	33 , 700	.246	466.4 8	12,099	own la glassware cornamental al ry glassware	10,337	

Owing to the risk of disclosure of information relating to individual firms, separate particulars of the different kinds of glass included in this heading cannot be given.

Including plate or sheet glass silvered or metallised.
Excluding plate or sheet glass silvered or metallised.
Recorded as "Glass letters, shelves, table tops, tiles, finger plates and advertisement tablets".
Including toilet glassware valued at £7,000 in 1937 and £10,000 in 1935.
The figures for 1937 and 1935 include heat-resisting glassware.
The figures for 1937 and 1935 relate to bulbs for electric lamps only.
Described as "Chemical, medical, surgical, bacteriological (including glass syringes)".
Including glass letters.
Not recorded separately.
So far as recorded separately.
Amount charged in 1948 and amount received in 1937 and 1935.
Work done by glass manufacturers. For particulars of glazing work carried out by firms that were not manufacturers of glass, see the Building and Contracting Trade (Volume 12, Trade A).

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

Larger establishments

TABLE 9

03012 00003		1948 Sale		00013	193 Produc		193 Produ	
	Quant	i ty	Value	Entries	Quantity	Value	Quantity	Value
resident end surgions	Th. sq. ft.	Th. cwts.	£'000	No.	Th.sq.ft.	£' 000		2'000
Plate and sheet glass and rolled or figured glass (including bevelled, decorated or otherwise finished glass (except silvered or metallised glass), but excluding spectacle glass and safety glass for motor cars, etc.)	(15	10 44 46 17 17 17 17	8 29) }		.gal	ting sto.	6
Plate or sheet glass silvered or metallised, and glass mirrors unframed, framed or backed, but not further assembled	59 6	0.9	27 7 154	26	30 Th.cwts.	4 162	}	213
Shelves, finger plates, table tops and advertisement tablets	- Th and ag	- 33	1	848	2.1	11	(i) an	6
Domestic and fancy glassware	Th. gross			36,16			Th. cwts.	that and
Tumblers (other than crystal and semi-crystal)							TOU DEEL	sa sasi
Beer mugs				a i			te para (se	16210
Carafes and jugs, other than mouth blown	468.4	38.9	312		212		Lagibara tat 10 as	
Other table glassware and toilet, ornamental and stationery glassware	>455.7	3.7	719 16 5	38, 38	214.9	335 (a)	191.9	275(a) 2
Kitchen-ware, cooking-ware, refrigerator jars and trays, etc., other than heat-resisting glassware	All laubit	toul of San		isaviolat Isaviolat Italis Italis Italis	lo streoly nepuloni e lie essia	The co	edjot ga UJ Jamell Pig tolju	two (a)
Machinery glassware	Th. cv	ALL DESCRIPTION OF THE PARTY OF	Tell and	400, 73 5	svisna spre bevisu en	The Transfer	Draed age I	
Glass tubing and rod	T. Tronts	glasaware. corto lam	18	tde nest-e	forl 3501 alea alea	4 7681 1	n eerugit	
Scientific glassware (except tubing and rod)		1 18013	10419003	WEIGHL !	viere	unemicat. A letteda eparately mod seba	rices as Lucine ela Pacorded Far sa rece	
Laboratory glassware	0.4		9	Rot ped	5.8	21(b)	4.8	20 (b)
Medical and surgical glassware	0.6		15 5	}	••	8	••	8
Other descriptions		1	74	5		9		6
Leaded lights	Th.sq.f	+	48	13		22		31
	111. Sq. 1 141 Th. cwt		39		h.sq.ft.		Th. sq. ft	
Safety glass for motor cars, etc.	3.6 Th. sq. f		09	5 5	Th. cwts.	2 {	Th. cwts.	
	Th. cwt	s.	2		0.3		0. 1	} 1
DS 7415/1								18 F45

TABLE 9 (contd.)

TABLE 12	1	948 ales	ldatee	1937 Produc		1935 Production	
	Quantity	Value	Entries	Quantity	Value	Quantity	Value
fedos lo costas	Th. cwts.	£'000	No.		£1000		ಪ್ ೧೧೦
Rough glass in the mass, waste and broken glass, and crushed glass (in powder, including chips)	34.5	5 S	59	TABIL OTES	03 (<u>4</u> 7	iensis se	Sales (
Glass buttons	1.099	26		1		>100 · • 00 1	81
Illuminating glassware			ding prag	tont) em	dealna	to estes	To'ax 3
Lenses or prisms, pressed or moulded, unworked (including			adol tas		145		medito.
pressed or moulded blanks of unworked or worked lenses and prisms), other than spectacle	• • i	922	••			shops, e	Rebet
or optical glass	940	nisations	ther orga	rers) to d	ensto to) gelse h	TOT
Tiles, paving blocks and squares, of cast or pressed glass							
Other manufactures of glass, not elsewhere specified	1940	95.)		ė,	de buye	Independ	d selis
Work done for the trade or on	1949	2000		ty overses	COMMIN	s involee	Bapan
commission (c)	1 5 1000	3		armont de	4	Lasta vertila	10
Total 6.0	becase	2,456	s one em	in lembivi	724	maduge et	659

Including heat-resisting glassware.

Described as "Chemical, medical, surgical, bacteriological (including glass syringes)".

Amount charged in 1948 and amount received in 1937 and 1935.

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

Larger establishments

TABLE 10

Tilonias/bit ginaska	1948 Sales	1937 Production	1935 Production
23,18	Value.	Value	Value
Glass containers (other than scientific and domestic	£' 000	£1000	£'000
glassware, and cases for cells, accumulators, etc.) and glass stoppers and covers therefor	238	74	75
Metal goods (including engineering products)	89	113	164
Manufactures of timber	42	1	8
Other goods	471	43	41
Work done	76	4.0	
Total	916	231	288

Analysis of sales, 1948

Larger establishments in Great Britain

TABLE II

				Quantity.		Percentage
- 003/3	00018	Tola	06013,322	The selection and	Sales	of total sales
Sales (or transfe	rs) to other organ	nisations	under the s	ame	£'000	oroken slase in the co
Productive work	s			figure, in	1,322	4.1
Export sales or	ganisations (inclu	ding bran	ches abroad)	1,204	3.7
Other wholesale	or selling organi		324	1.0		
Retail shops, e	tc.		hn 4 soans	DENTOW TO GENTOWN		
Total sales (or transfers) to o	ther orga	nisations		, 2, 854	axoold 8.8 ag
Sales to independe	ent buyers			#4.	in los assis	o service tukem visita
	i directly oversea		3,511	10.8		
Exports invoiced in this country	d to Crown Agents y of individual fi	and purch rms and g	asing house overnments	s abroad	1,226	3.8
His Majesty's Go productive esta	overnment and Loca ablishments)	l Authori	ties (other	than	831	2.6
Manufacturers, and transport a	repairers, builder and other producti	s, mines, ve undert	public uti akings	lities,	10, 518	32.5
	chants and other	3 to 2	London Brook	ri (ani)s	9,520 (a)	29.4
for resale	(including farmer		namel a lifeta.		2,634	8.1
kinds			stitutions	or all	1,048	3. 2 _{0.4} 3.4 8.4
members of the p	ublic, including e	employees			222	0.7
Total sales to	independent buyer	s socie			29,509	91.2
	eurick				and the second second second	02.60
Total				Jaremon bus	32, 363	100.0

⁽a) Of this total £7,636,000 was recorded as divided between £4,192,000 for export and £3,444,000 for other sales.

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

IABLE 12	7-17-18-18-1			
- Unports(e).		Production(b)(c)	Exports(d)	Retained imports (e)
		Th. sq. ft.	Th. sq. ft.	Th. sq. ft.
Plate and sheet glass and rolled or figured glass, other than spectacle glass, (including safety glass for motor cars, etc., and bevelled, decorated or otherwise finished glass (except silvered or metallised glass))	\[\begin{cases} 1948 \\ 1937 \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\	429,000 Th. cwts. 7650.0	116, 324 39, 128(f) Th. cwts. 1,841.5 679.4(f)	33,450 116,450(f) Th. cwts. 509.7 1,801.2(f)
Plate or sheet glass silvered or metallised, and glass mirrors unframed, framed or backed, but not further assembled	1948	290.0	16.2	0.5
Shelves, finger plates, table tops and advertisement tablets	1948	75.0	1.0	Lini tender (uc)
Total plate or sheet glass silvered or metallised, mirrors, shelves, finger plates, etc.	{ 1948 1937	365.0	17.1 6.1(g)	0.5 54.0 (g)
Domestic and fancy glassware		MOUNT WORL III STRE A	ATING SUITA	rd bebroset
Stemmed glass drinking vessels	{ 1948 1937	5.0 8.9	1.2	27.0 37.3
Tumblers	1948	Th.gross 471.0 Th. cwts.	Th. gross 136.7 Th. cwts.	Th. gross 79.0 Th. cwts.
Other table glassware and toilet, ornamental and stationery glassware	1948	420.0	55.7	7.2
Total tumblers and other table, toilet, etc. glassware	{ 1948 1937	390.6	132,8 22.0	28.5 376.4
Kitchen-ware, cooking-ware, refrigerator jars and trays, etc.	{ 1948 1937	60.6	38.1 19.4	15.2 4.0
Illuminating glassware	7	Thous.	Thous.	Thous.
Oil lamp chimneys, miners' lamp glasses and hurricane lamp glasses	1948 1937 1948 1937	4,190 Th. cwts. 12.5 5.3 Thous.	1,014 202 Th. cwts. 2.7 0.7 Thous.	3,051 5,734 Th. cwts. 5.8 13.7 Thous.
Globes, bowls and shades, not elsewhere specified	1948 1937 { 1948 1937	5,300 3,526 Th. cwts. 57.0 56.3	537 247 Th. cwts. 4.8 3.3	677 9,282 Th. cwts. 8.2 58.7
Machinery glassware	\[\begin{aligned} 1948 \\ 1937 \end{aligned}	20.0 15.5	4.0	0.2
Glass tubing and rod	{1948 1937	137.0 46.0	10.3 5.6	16.3 8.9
DS 7415/1				

TABLE 12 (contd.)

TE SIENT	a) /a) gal 7a	Production(b)(c)	Exports(d)	Retained imports(e)
(e) estodai	19 00	£'000	£1000	£! 000
Scientific glassware (except tubing and rod) Lenses or prisms, pressed or moulded, unworked (including pressed or moulded blanks of unworked or worked lenses and prisms), other than spectacle or optical glass	\[\begin{align*} 1948 \\ 1937 \end{align*} \]	1,943 339 Th. cwts. 25.0 28.3	748 94 Th. cwts.	49 80 Th. cwts.
Tiles, paving blocks or squares, of cast or pressed glass Rough glass in the mass, waste and broken glass, and crushed glass	\[\begin{aligned} 1948 \\ 1937 \\ \end{aligned} \]	12.5	25.1 2.3	0.9
(in powder, including chips)	1937	46.0	8.0 15.8	0.1 17.8

- (a) Figures of sales (or production) refer only to larger establishments in the relevant years.

 All recorded exports from and imports into the United Kingdom are given in the table.

 The figures, therefore, are not strictly comparable.
- (b) Sales in 1948 and production for sale in 1937, including, where necessary, estimates for output recorded by value only.
- (c) Including sales (or production) by establishments classified to other trades.
- (d) Valued f.o.b.
- (e) Valued c.i.f.
- (f) Including plate or sheet glass silvered or metallised.
- (g) Excluding plate or sheet glass silvered or metallised.

Purchased materials and fuel Larger establishments

TABLE 13

						And the second s
Usage of purchased materials as assess	1948	Material	1937		1935	
Sugarcity Cost Quantity Cost	Materials an		Usage of	purchased and fuel	naterials	
Th. Est. U. 17000 Ta. B.T. V. 127000 (XW. ors.)	Quantity	Cost	Quantity	Cost	Quantity	Cost
	Th. tons	£'000	Th. tons	£'000	Th. tons	£'000
Materials					Sesnongo vai	1715×17
Sand	365, 9	338	267.0	106(a)	224.7	96(a)
Soda ash	83.6 Th. sq. ft.	514	42.7	188	34.9	159
Plate and sheet glass	59,730	2,965 {	Th. sq. ft. 42,967	1,547 463	Th. sq. ft. 28,223	1,079
Packing materials	1 - 1 . 1.	10. 97114	1 4,058	LOSTERWO	nder the satu	724
Wood and timber	Th. cu. ft.	790	leni .	and derv		Mosce is
Other		551	••;	193	olney been to	(b)
Felspar and other alumina-bearing	Th. cwts.	991	1 1 000	esognug n		beau
materials	75.0	86	\9366	ding cree		orang.
Potash	19.9	52		730		Ting and
Other potassium compounds	10.2	31	88	- 64		r nort
Sodium sulphate (including salt cake) and sodium nitrate	422.7	134 11	paratine	AXYON TIN		MOTE AND A STORY
Borax and boric acid	100.1	198	4 55			MA 343
Lead oxides	46.4	249	}	1, 180	r purchased 1	1,445(c)
Barium carbonate	7.6	8	1			GEORGE -
Magnesite and magnesium oxide	7.4	17	January de l			
Manganese	1.6	3	2,402		-tes being	ben (e)
Arsenic	4.7	10	177.0	18.61	ite sand	
Cullet	451.4	92	185,6	8891		
Glass tubing and rod	25.4	223		stely.	evorced separ	1 300 (9)
All other purchased materials	Th. tons	3,513	Th. tons		The tong	(1901. (b)
Fuel and electricity	-11, 00118		in tons	to feel of	Th. tons	38(8) (6)
Coal	622, 2	1,731	510.1	529	485,4	449
Coke	22.5	66	••	(b)	32.6	26
DC PAACIA				The second secon	The same of the sa	

TABLE 13 (contd.)

	1948		1937	ELEKA KAN	1935		
1937 1936	Materials purcha		Usage of	purchased and fuel	materials		
Usage of purchases materials sitting and the	Quantity	Cost	Quantity	Cost	Quantity	Cost	
Mantitop Coarea washing or every	Th. B. T. U. (kW. hrs.)	£1000	Th. B. T. U. (kW. hrs.)	รา000	Th. B. T. U. (kW. hrs.,)	£'000	
Fuel and electricity (contd.)	000/0	enos and es o					
Electricity purchased		20.3		4.6		Introduction	
From public supply	90, 164	437		H. B.		butag	
From other sources	5, 202	23	49,525	106	28,784	86	
Electricity obtained from other works under the same ownership	40 Th.galls.	087, 588 44, 4	Th. galls.	16.0	Th. galls	Plate	
Motor spirit (petrol) and derv. fuel	III. gairs.	3up	III. Balls.		III. Balls	DINORT	
Used for road vehicles	607	58)	(1)		Soow	
Used for other power purposes	87	4		(b)		(b)	
Other oil fuel (including creosote/ pitch mixtures)	21,845	780	4,966	82 (d)	4,502	69(d)	
Gas purchased	Th. therms	6.01				Potest	
From public supply	12,756	360	1	abnooqa		. tanto	
From other sources	1 +81 minut	15		110	spiniate (1	(b)	
Gas obtained from other works under the same ownership	13	1,001				EPTOG	
All other purchased fuel	1 000	18			eobts	o Deed o	
Total		13, 276		4,504		4,133	
		2 4 7	1 24		TOTAL WILL TOO	Cherry State 1	

(a) Recorded as: -

Th. tons £'000 Th. tons £'000 White sand $\begin{cases} 1937 & 177.0 & 82 \\ 1935 & 135.6 & 72 \end{cases}$ Other sand $\begin{cases} 1937 & 90.0 & 24 \\ 1935 & 89.1 & 24 \end{cases}$

(b) Not recorded separately.

(c) Including fuel not specified separately.

(d) Described as "Heavy fuel oil".

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

Larger establishments in Great Britain

	13301	THE PROPERTY.	-	MO.	-		-	-1	100		
	BOTTS	.At beginning of yea			ear	At end of year				PERSON	
1, 004 2, 087 3, 228	1989	Qua	ant 1	СУ	1 8 9 9	Value	101	Quant	ity		Value
unger and estartes of		Th. sq.	ft.	Th.	cwts.	£'000	Th.	sq. ft.	Th.	. cwts.	£'000
Finished products	9,592	100 877		16.46	The	24 -	0.0				The Market
Domestic and fancy glassware (including heat-resisting	1.358	1,500	1 . 3	2,5	18.6	118	8,8	51		23.2	144
glassware)	2,496	.5	,	4.4	1.	73	1 5	4.			111
Safety glass for motor cars,	etc.	261 439	7 (0)	68.4 48.8	6.8	41 54	The state of the s	209 540	10	5.4	31 38
Other finished products	tenter m	PORTO.		0012	1	1,056		cov			1,409
Work in progress	Part Sala	y of hark	1 3	2,48	mail.	670	ilve			nottan	667
Total finished products and work in progress					of San Wash	2,011	ansor	adT To ald	. 2300 27. 301 4. 301	emple ed la t	2,430
Materials and fuel		en to Co Th	. to	ns c	in Vi		isk'n	Th.	tons		
Sand	Large	r catabil	46.4		in ha	66	Tail	4(0.7	tgoz +a	57
Soda ash on publicon saor a	i (elane	ales and 1 1	9.8		tol igo	62	OW O	Stion, 8	8.4	II DESTA	52
Plate and sheet glass	hemes pe	Th. 5	,403		ils og	299 85	tri)		sq. ft 550	to stal	279 71
Coal Say yang and the A	icles		1. to		AIB a	138	9.3		tons	1.401du	139
Other descriptions	Operative selsinsv		••			1,753					1,948
Total materials and fuel	10.764 Tes	and peggs	d 30	in and	ings,	2,402	ens mull	obladuo To Tla	dods)	s lo Jo	2,547
THE PRESSER WINNESS SPECIAL SP			19890		10 22	V 14 12 13	70.0	E To box	2 40	Mercus of	nganaga

Employment and remuneration (a)

Largar establishments

TABLE 15

	Average number of operatives				rative, tec		Total			
	1948	1937	1935	1948	1937	1935	1948	1937	1935	
Males	at end of		TABY, TO	Salanined	FA ^{SS}	EDILLY	Cost	State Sea	- Coas	
Under 18 All ages Females	1,816 24,689	2,733 19,885	2,996 19,161	178 3,695	254 2,960	232 2,648	1,994 28,384	2,987 22,845	3,228 21,809	
Under 18 All ages	852 7,031	2,013 5,525	1,847 5,269	501 2,552	354 1,562	248 1,358	1,353 9,583	2,367 7,087	2,095 6,627	
Total Under 18 All ages	2,668 31,720	4,746 25,410	4,843 24,430	679 6,247(c)	608 4,522	480 4,006	3,347 37,967 (c) (d) (e)	5,354 29,932	5,323 28,436	
Total remuneration	£'000 n 9,592	.01	••	£'000 2,486	, ₂₀ · · ·	••	£'000 12,077	aaada	sterk, in pre	

(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
Other workers

12 males 535 males

292 females 128 females

- (b) Number at September 25, 1948, October 16, 1937, and October 12, 1935.
- (c) There were, in addition, 50 working proprietors (49 males and 1 female) in 1948. Working proprietors are included in the 1937 and 1935 figures.
- (d) The employers' share of contributions to all National Insurance Schemes payable during the year in respect of these workers amounted to £309,000.
- (e) Particulars of the persons (included in this total) who were employed on special work by establishments employing 100 or more persons are given below.

	SWEET	188		Administrative.	
1848 .1		1,788	13,270	Operatives	technical and clerical employe
Transport	of goods outsid	de the premises		257	bne eletrerem Lato
Maintenan	ce and repair of	firms' buildings,	but not plant	171	Albert Marrie Structure Control
	work not directlon however charge	ly connected with c	urrent	5	10

In addition to the employees in the above table the firms in this trade employed 2 male and 41 female outworkers in 1948, the amount paid to them being £5,000. Similar information is not available for 1937 and 1935.

Wages and salaries paid, 1948 (a)

Larger establishments in Great Britain

TABLE 16

	17.1.36.3		3 3 1 2 7 1 2	114 37 48 79	0.7 8 /						
	Amount	Establishments making returns for the calendar year									
TABLE AN	paid by all			Amount	Per	rcentage of	annual remur	eration paid	in		
Maposale	establish- ments	paid	First quarter	Second quarter	Third quarter	Fourth quarter	Year				
The second was for properties.	£'000	£1000									
Wages and salaries of	000 to 100 to 10	10	20872 12.33 278		wackinery	And					
Operatives Administrative.	9,592	2,677	24.4	24.7	24.0	26.8	100.0				
technical and clerical employees	2,486	564	24.4	24.7	24.7	26.1	100.0				
Total	12,077	3,242	24.4	24.7	24.2	26.7	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 £90,000.

Payments for certain services, 1948 Larger establishments in Great Britain

THE VILLER OF REGIS STREET, AND OF SELECTIONS	are the used are carryed to the true	Amount paid
Repair and maintenance	AN CONTRACTOR OF THE STATE OF T	£1000
Of buildings	fired whoperty newly adorpted in the year	61
Of plant, machinery and vehicles	esentid bulldhar and hand heart occupie	123
Unclassified	test of meading 8	295
Hire of plant, machinery and vehicles	Ten of meadings I and 8	28
Advertising and market research	(b) benetupalier tast bas esa	
Advertising in newspapers, magazines and peri	odicals	67
Other advertising services (poster display, de and market research	espatch of circulars, etc.)	12
Unclassified	701 S gatheed to lead	83
Payments made for research work	Tanthern and a	
To research associations		2
To universities, institutions, academic bodie	s and similar agencies	4
To other commercial concerns	not reflect changes in ownership of prev	53
Postage, telephone, telegrams and cables	is excepted under an agreement for the p	98
Commercial insurance premiums	Tty destroyed ur abandoded	89
Rates (excluding water rates) payable in the ye	ar	54
DS 7415/1		DS 7415/1

Plant, machinery and vehicles acquired and disposed of, 1948.

Larger establishments in Great Britain

TABLE 19

AZTAGE BEIGE	Acqui	sitions	Disposals	
	New	Second-hand	210900010	
	£1000	£'000	£'000	
Plant and machinery	871	14	17	
Vehicles	117	23	18	
Total	988	37	34	

Capital expenditure on building work and changes in occupation of buildings and land, 1948

Larger establishments in Great Britain

TABLE 20

	The state of the state of the second state of	£'000
1.	Capital expenditure on building work (a)	384
2.	Existing buildings and land (b)	
	(1) Capital cost of freeholds bought	
	Estimated capital value of	
	(11) Rented property newly occupied in the year (c) 115	
	(111) Leasehold buildings and land newly occupied in the year 229	
	Total of heading 2	382
	. Total of headings 1 and 2	766
3.	Existing buildings and land relinquished (d)	
	(1) Selling value of freeholds sold	
	(11) Estimated value of other properties relinquished 37	
	Total of heading 3	37
4.	Headings 1 and 2 less heading 3	729
(a)	Excluding site value which, where appropriate is included in heading 2(1)	folenewing of

(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.

Summary

Larger establishments

TABLE 21

295 299	6	352	England	Wales	Scotland	Great Pritain
CLEARING THERE			£1000	£1000	£1000	£'000
Gross output (production)			32,358	930	975	34, 263
Cost of materials and fue		. 722	12, 331	384	416	13, 131
Payment for work done on		898				Females
materials given out		2, 120	88	1	1 Les	90
Net output			19,938	545	558	21,041
Wages and salaries of per	eone			,amodelho	ong salakow ag	buloni L (a)
employed	Bons	161	11, 348	326	403	12,077
			No.	No.	No.	No.
Average number of persons employed (a)			35,352	1, 167	1,498	38.017
emproyed (a)		the trade	\$ 8	2, 107	1,490	20,017
Net output per person employed (a)		ainemnalid	564	467	372	553
Stocks at end of year		18	£!000	£1000	£'000	£'000
Finished products and w	ork in	Solotland		England at		
progress	Value	Organitak	2, 219	88	123	2,430
Manual 2 and Sur 2		2 1 25.00	2.706	72	70	0 540
Materials and fuel	00012	To.aT The	2,396 No.	No.	79 No.	2,547 No.
Number of establishments		it. cwts.	247	10	15	272
					h dayling	
					F 1.79	S. Market at

(a) Excluding outworkers.

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

			England		Wales	Scotland	Great Britain
			£'000		£!000	2,000	£'000
Output of firms in this trade		9, 402)		0.	103,088 7,086 5,869	ass for noton	in since
Total value of sales (see Table 23)	**	**	32,708		928	981	34,616
Adjustment for changes in stocks and work in progress			+ 350		+ 59	Ŧ 10	+ 419
Less payment for transport by other firms	S.4	est est	33,058 701	0.0	987 57	990,	35,035 773
Gross output (production)			32, 358		930	975	34,263
Materials and fuel used by firms in this trade	**	**	1.683	5		dampalta	evbs bos
Purchases (see Table 24)			12,477		405	394 500	13, 276
Adjustment for changes in stocks		(8)	- 145		- 22	+ 22	- 145
Materials and fuel used			12,331		384	416	13, 131
The second secon						ELWO L U S	101001

Summary

Small firms

TABLE 22

78318 10			England	Wales	Scotland	Great Britain
Number of returns	ESTER	England	352	8	29	389
Average number of persons employed (a)		985.38	J , se	s les-times	(notroupong)	Juquuo esone
Males		is, asi	1,722	43	116	1,881
Females	ners .		398	20	53	. 471
Total		88 .51	2, 120	63	169	2,352

(a) Including working proprietors.

Sales in the trade Larger establishments

TABLE 23

the state of the s	Engl	and and W	ales		Scotland		tow bas a	Great Britain		
123 2.430	Qua	ntity	Value	Quan	tity	Value	Quan	tity	Value	
T. U.S. STE	Th.sq. ft.	Th. cwts.	£'000	Th.sq. ft.	Th. cwts.	£'000	Th.sq. ft.	Th. cwts.	£1000	
Principal products										
Plate and sheet glass and rolled or figured glass (includ- ing bevelled, decor-	nda gi pe	are deriv	el used	it bns als	tresam to	bas Jugi	to seems to	p saulav	AT	
ated or otherwise finished glass (except silvered or	282	W-Y J-S	Sherand	in yesi (7		135		1	
metallised glass), but excluding spec-	000		00012						47 070	
tacle glass and safety glass for motor cars, etc.)	403,098 5,269	7,066.0	13,011 601 354	6,402	157.7	228 7 9	409,499 5,345	7,223.8	13, 239 608 362	
Plate or sheet glass silvered or metal- lised, and glass mirrors unframed,		or abas	(8)			200	changes 1 a in prog	roll Jmean	autoa so de	
framed or backed, but not further assembled	5,955	165.3	1, 135 442 297	148 77 ••	4.2	38 8 6	6,103	169.4	1,173 450 302	
Shelves, finger plates, table tops	059		988,38			(ac	(product1	Jugavo a	276	
and advertisement tablets	{ ::	41.3	273 230		0.3	3 4	t used by	41.6	234	
Domestic and fancy glassware	205	WE NOTE OF	70 34	of previous	10 Deadl	is a(1). ed look	SAF LALAME	1985) ess.	do tur	
Stemmed glass drinking vessels	o cyclater		358,31			ENDOJE T	Th. gross	de eletre	180	
Mouth blown	•		(a)	•	•	(a) {	9.5	4.3	24	
THE PARKETS.							1	1 11	1108 35	

TABLE 23 (contd.)

	England and V	Wales	Scotland		Great Britain		
	Quantity	Value	Quantity	Value	Quant	ity	Value
mistiff jaord	/busines	£1000	ad the pure tons	£1000	Th. gross	Th. cwts.	£'000
incipal products (contd.)	egley val	neu9	episy value	69			
Domestic and fancy glassware (contd.)	00013	The state of	000's .adwa	. OT			
Stemmed glass drinking vessels (contd.)						NOT THE RES	
Other than mouth blown	_	-			-	-0	cdeda)
Tumblers, crystal and semi-crystal	••	(a)		(a)	17.2	9.9	246
Carafes and Jugs, mouth blown	(48)	(a)	(45)	(a) {	2.1 0.5	5.6	112 18
All other descrip- tions, except heat-resisting glassware	••	(a)	••	(a) {	293.0 26.6	311.7	1,281 57 748 89
Illuminating glass- ware	Thous. Th. cwts.				Thous.		THOM BALK TO
Glass bulbs for electric lamps, radio valves, cathode ray tubes, etc.	54,093 40.3 109,184	545 549	(a)	-{	54,093 109,184	40.3	545 549
Oil lamp chimneys and miners' lamp glasses		(a)	is . s.	(a)	2,533	6.7	127
Machinery glassware	Th.cwts.				Th. c	wts.	7 4
Gauge glasses		(a)		(a)	8.	8	133
Other descriptions		(a)		(a) {	4.	0	40 68
Glass tubing and rod		(a)	•	(a) {	122.	7	958 95
Scientific glassware (except tubing and rod)					. Si		SUGARA SUGARA
Laboratory glassware		(a)		(a) {	52.	.8	628 685
Medical and surgical {	37.1	237 213	}	-{	37	. served to	237 213
Other descriptions		72	450			· no sites	72
Leaded lights		(a)	10000	(a) {	77.		190 165
Stained glass and	of a south popular of		The street of the second		Th.sq.	ft.	PROBE
memorial tablets (other than leaded lights)	•	(a)	••	(a) {	10 200	• • • • • • • • • • • • • • • • • • • •	139 12
						path.	Code

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TABLE 23 (contd.)

Th. Th. Eroco	England and	Wales	Scotland	Great Britain		
	Quantity	Value	Quantity	Value	Quantity	Va
syram downer of baraous for	Th. cwts.	£1000		£1000	Th.sq.ft.	£1
Principal products (contd.)					than moute	
					9,972) cont
049 - 9.0 . 3.71	(3)		(a):		Th.cwts. 235.1	} 1,
Safety glass for motor cars, etc.	(£)	(a)	(8)	(a)	Th.sq.ft.	Juon
78 1.281 78 8.83 847 8.86	(6)	100 10 20	tonda		1,412 Th.cwts.	}
Rough glass in the mass,	141	995 45 51	Tahmer th.		STEVE	
waste and broken glass, and crushed			The cytes.	Thouse	-casig gnis	
glass (in powder, including chips)	Asoms and	(a)	Quantity .	(a) {	65.1	
Glass buttons	-	77	40.3 E.04	800 , 18 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	erore s	
Glass beads and glass parts for jewellery	0.2	21 3	}(3)	- {	20.2 Page 1	n bar
Illuminating glassware	(8)		(4)	S.ST	OV GIROSWEDO	
(other than bulbs for electric lamps, radio	(8)		(e)		escriptions	
valves, cathode ray tubes, etc., and oil lamp chimneys and	to Victoria de la constanta		ina lava	nen lakti	bor but ania	
miners' lamp glasses)			75			
Lenses or prisms, pressed or moulded,				0	toubles and roo	
unworked (including pressed or moulded blanks of unworked or	100		147	The state of the s	TOTY GIASSWEE	no de
worked lenses and prisms) other than			813		Stare	
spectacle or optical glass		4,836	34	287	escriptions	5, 1
Tiles, paving blocks and squares, of cast or pressed glass			(a)		less snd	bents
Other manufactures of glass, not elsewhere specified	(a) ,		(a)	•	tablets	
Mark table . I I				(0) (100	

TABLE 23 (contd.)

TABLE 23 (Contd.)								
	England and Wa	ales	Scotland		Great Brita	ain		
manipa seros comos.	Quantity	Value	Quantity	Value	Quantity	Value		
acora, by enoughly 00		£1000	Town .	£1000	Th.cwts.	£'000		
Principal products (contd.)						DOMES.		
Work done for the trade or on commission (b)	12.08		17 00 MT		do the	ebni		
Silvering, engraving, bevelling, staining,	170 48	88848	988,488		ele jesti tun	106		
etc. Other work done		192	The one fits	18 {	Todali bita b	105		
Glazing work on buildings (b)	4.4	IS42			70			
Residential		1,573	Th. owns:	95 {	Transporter to	593 1,075		
Other	18.80	283	100	16	Pietresan sot	299		
Repair work (b)		200		721		3 m		
Total principal products		32,719		981	troc muiaarico	33,700		
Other output	12.	(8)		- Surpul	mil) sympous of mos one (exco	les.		
Glass containers (other than scientific and					and burid acts	2706		
domestic glassware, and cases for cells, accumulators, etc.)		10,000		0.4	abbrid	DEAL.		
and glass stoppers and covers therefor	peners of saturate	238	u mal-force o	man Appara	n estochete	238		
Metal goods (including engineering products)	••	89	8.5	SALENO ESAL	oege sod malones	89		
Manufactures of timber		42	-	-		42		
Other goods		471	-	-		471		
Work done (b)		76		-		76		
Total		33,636		981	ther purchased	34,616		

⁽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

Materials Sand (a) (a) 365.9 338 Soda ash Th. sq. ft. Plate and sheet glass 58,259 2,858 1,471 107 59,730 2,965 Packing materials Th. cu. ft. Th.	ATEGALS MERKS	Side Condit		DOLLEY DIES DIES	813005	1000000 0000	
Stand Stan		England a	nd Wales	Sco	tland	Great Br	itain
Materials Sand Soda ash S	NOTEST TO ADDITIONAL SOURS	Quantity	Cost	Quantity	Cost	Quantity	Cost
Sand Soda ash Th. sq. ft. Th. cu. ft. Th. cu	erogo etwawie opors		£1 000		£'000	Th. tons	£1000
Soda ash Th. sq. ft. Th. cu. ft. Th.	Materials						
Soda ash	Sand					365.9	338
Th. sq. ft. Th. cu. ft.	Soda ash	1	(a)		(a) {	83.6	514
Flate and Sheet glass 58,259 2,856 1,471 107 59,730 2,965 Packing materials Th. cu. ft. Th. cu. ft. Th. cu. ft. Wood and timber 1,751 778 27 13 1,778 790 Other 542 9 551 Th. cwts. Th. cwts. Felspar and other aluminabearing materials Potash Cther potassium compounds Sodium sulphate (including salt cake) and sodium nitrate Borax and boric acid Lead oxides Barium carbonate 7.6 8 -		Th. sq. ft.		Th. sq. ft.	1	Th. so. ft.	
Packing materials	Plate and sheet glass	58, 259	2,858	1, 471	107		2 065
Wood and timber	Packing materials	Th. cu. ft.			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		2, 900
Other	Wood and timber	1,751			17		700
Th. cwts. Th. cwts. Th. cwts. Th. cwts.	Other					no know sa	locus.
Felspar and other aluminabearing materials Potaeh Other potassium compounds Sodium sulphate (including salt cake) and sodium nitrate Borax and boric acid Lead oxides Barium carbonate Magnesite and magnesium oxide Arsenic Cullet Glass tubing and rod All other purchased materials Th. tons Fuel and electricity Coal Coke C			012		9		
Dearing materials Potash Other potassium compounds Sodium sulphate (including salt cake) and sodium nitrate Borax and boric acid Lead oxides Barium carbonate 7.6	Folgner and other elumine	III. CWUS.	578	27 12		Th. cwts.	Lest Control
Other potassium compounds Sodium sulphate (including salt cake) and sodium nitrate Borax and boric acid Lead oxides Barium carbonate Magnesite and magnesium oxide Arsenic Cullet Glass tubing and rod All other purchased materials Th. tons Th. tons Th. tons Tole 10.2 31 422.7 124 127 129 120 120 120 120 120 120 120 120 120 120		4				75.0	86
Sodium sulphate (including salt cake) and sodium nitrate Borax and boric acid 100.1 198 46.4 249 249 249 25.4 223 223 20.9 60 1.6 5 22.5 66 66 1.6 5 22.5 66 1.6 5 22.5 66 1.6 5 22.5 66 1.6 5 22.5 66 1.6 5 22.5 66 1.6 5 22.5 66 1.6	Potash		čes.			19.9	52
Sodium sulphate (including salt cake) and sodium nitrate Borax and boric acid 100.1 198 46.4 249 249 46.4 249	Other potassium compounds		719			10.2	31
Salt cake) and sodium 11 12 13 14 15 14 15 15 15 15 15			(a)		(a) {	1422.7	
Lead oxides Barium carbonate 7.6 8 - 7.6 8 Magnesite and magnesium oxide 7.4 17 - 7.4 Manganese 1.6 3 - 1.6 3 Arsenic Cullet Glass tubing and rod All other purchased materials Th. tons Th. tons Fuel and electricity Coal Coke 606.9 1,689 1.68 1.60.1 198 46.4 249 46.4 249 46.4 249 68 - 7.6 8 - 7.6 8 - 7.6 8 - 7.6 8 4.7 10 4.7 10 451.4 92 25.4 223 Th. tons Th. tons Th. tons Th. tons Th. tons Th. tons						4	
Lead oxides 3 - - 7.6 8 Magnesite and magnesium oxide 7.4 17 - - 7.4 17 Manganese 1.6 3 - - 1.6 3 Arsenic (a) (a) 451.4 92 Glass tubing and rod 25.4 223 All other purchased materials 3,373 140 3,513 Th. tons Th. tons Th. tons Th. tons Fuel and electricity 606.9 1,689 15.3 42 622.2 1,731 Coke 20.9 60 1.6 5 22.5 66	Borax and boric acid					100 1	100
Barium carbonate 7.6 8 - - 7.8 8 Magnesite and magnesium oxide 7.4 17 - - 7.4 17 Manganese 1.6 3 - - 1.6 3 Arsenic 4.7 10 Cullet - (a) - (a) 451.4 92 Glass tubing and rod - 3,373 - 140 - 3,513 Th. tons Th. tons Th. tons Th. tons Fuel and electricity 606.9 1,689 15.3 42 622.2 1,731 Coke 20.9 60 1.6 5 22.5 66	Lead oxides						Lore
Magnesite and magnesium oxide 7.4 17 - - 7.4 17 Manganese 1.6 3 - - 1.6 3 Arsenic 4.7 10 Cullet (a) (a) 451.4 92 Glass tubing and rod 25.4 223 All other purchased materials 3,373 140 3,513 Th. tons Th. tons Th. tons Fuel and electricity 606.9 1,689 15.3 42 622.2 1,731 Coke 20.9 60 1.6 5 22.5 66	Barium carbonate	7.6	8		ione b	class stopper	DEE
Manganese 1.6 3 - - 1.6 3 Arsenic 4.7 10 Cullet (a) (a) 451.4 92 Glass tubing and rod 25.4 223 All other purchased materials 3,373 140 3,513 Th. tons Th. tons Th. tons Th. tons Fuel and electricity 606.9 1,689 15.3 42 622.2 1,731 Coke 20.9 60 1.6 5 22.5 66			loco.		_	1	
Arsenic Cullet Cullet Glass tubing and rod All other purchased materials Th. tons Th. tons Th. tons Th. tons Th. tons Fuel and electricity Coal Coke 20.9 606.9 1,689 15.3 42 622.2 1,731 666			lon		3,010	7.4	17
Cullet Glass tubing and rod All other purchased materials Th. tons Th. tons Th. tons Fuel and electricity Coal Coke Coal Coal Coke Coal Coal Coke Coal Coke Coal C		1.0	3	11.	-	1.6	3
Glass tubing and rod All other purchased materials Th. tons Th. tons Th. tons Th. tons Th. tons Th. tons Tooke Coal Coke 25.4 25.4 223 3,373 Th. tons	POR CALLED TO THE PARTY OF THE		672		N (4.7	10
All other purchased materials 3,373 140 3,513 Th. tons Th. tons Th. tons Fuel and electricity Coal 606.9 1,689 15.3 42 622.2 1,731 Coke 20.9 60 1.6 5 22.5 66	AN COLUMN THE PARTY OF THE PART	••	(a)	•••	(a) (451.4	92
Th. tons Tooke Th. tons	Glass tubing and rod		-			25.4	223
Fuel and electricity Coal 606.9 1,689 15.3 42 622.2 1,731 Coke 20.9 60 1.6 5 22.5 66	All other purchased materials	••:	3, 373	••	140	Lagor	3,513
Coal 606.9 1,689 15.3 42 622.2 1,731 Coke 20.9 60 1.6 5 22.5 66	ore instance operates and its	Th. tons	alum deta	Th. tons	edastb to ke	Th. tons	
Coke 20.9 60 1.6 5 22.5 66	Fuel and electricity				- 11	annot be give	
Coke 20.9 60 1.6 5 22.5 66	Coal	606.9	1,689	15.3	42	622.2	1,731
	Coke	20.9	60				
						20.0	00

TABLE 24 (contd.)

	England ar	nd Wales	Sco	tland	Great Br	itain
CABLE 28	Quantity	Cost	Quantity	Cost	Quantity	Cost
Fuel and electricity (contd.)	Th.B.T.U. (kW.hrs.)	£'000	Th. P. T. U. (kW. hrs.)	£1000	Th.B.T.U. (kW.hrs.)	£1000
Electricity purchased		a Fritting A	- West		10002	
From public supply	88,843	426	1,321	11	90,164	437
From other sources	EESTOF.	(a)	reduct. Its	(a)	5,202	23
Electricity obtained from other works under the same ownership	40	Stoldas	-	abacte 1	40	_
Motor spirit (petrol) and derv. fuel	Th. galls.		Th. galls.	4. 1 3	Th. galls.	el reta
Used for road vehicles	593	57	14	1	607	58
Used for other power purposes	87	4	Porce Tess		87	4
Other oil fuel (including creosote/pitch mixtures)	84 · ·	(a)	Trans. Com	(a)	21,845	780
Gas purchased	Th. therms		Th. therms		Th. therms	1
From public supply	12,562	354	194	6	12,756	360
From other sources	Eq (a)	(a)	848 (J.) 57	(a)	2.3	15
Gas obtained from other works under the same ownership	13	00013	60013 00	12 0	13	_
All other purchased fuel	204 ••	18	, 1000 - and	.41 -3	wie en en	18
Total		12, 882		394	J39 Tadawadae	13, 276

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 and Wales			Scotland			Great Britain		
754 PARTIELS 53.	Average number of operatives	Adminis- trative, technical and clerical employees (a)	Total	Average number of operatives	Adminis- trative, technical and clerical employees (a)	Total	Average number of operatives		Total
Males				and the second			Same of the second seco	THE PROPERTY OF THE PROPERTY O	
Under 18	1,740	175	1,915	76	. 3	79	1,816	178	1,994
All ages	23,781	3,559	27,340	908	136	1,044	24, 689	3, 695	28,384
Females	A. Carana					280			mot best
Under 18	824	487	1,311	28	14	42	852	501	1,353
All ages	6,697	2,437	9, 134	334	115	449	7,031	2,552	9,583
Total	of a parson o		ama	563 432	as las	1953 357		0.0	ADITOTED ES
Under 18	2, 564	662	3, 226	104	17	121	2,668	679	3, 347
All ages	30,478	5,996(b)	36,474 (b) (c)	1,242	251 (b)	1,493 (b)(c)	31,720	6,247(b)	37,967 (b)(c)
Table West	£'000	£'000	£'000	£'000	£'000	£'000	£'000	£'000	£'000
Total remuneration	9, 265	2,409	11,674	327	76	403	9,592	2,486	12,077

- (a) Number at September 25, 1948.
- (b) There were, in addition, 50 working proprietors (49 males and 1 female) in Great Britain; 44 males and 1 female in England and Wales, and 5 males in Scotland.
- (c) The employers' share of contributions to all National Insurance Schemes payable during the year in respect of these workers amounted to a total of £309,000; £297,000 for England and Wales, and £12,000 for Scotland.

In addition to the employees in the above table the firms in England and Wales in this trade employed 2 male and 41 female outworkers, the amount paid to them being £5,000.

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

TABLE 26

	Month	Monthly index (a)				Monthly index (a)			
		England and Wales	Scotland	Great Britain	Month	England and Wales	Scotland	Great Britain	
	19 48				1948	-			
	January	99.0	101.1	99.1	August	99.7	99.8	99.7	
	February	99.2	100.2	99.3	September	100.1	99.5	100.1	
	March	99.5	100.8	- 99.6	October	101.3	98.3	101.1	
	April	99.8	100.5	99.8	November	102.3	100.7	102.2	
	May	99.7	99.3	99.7	December	102.3	100.4	102.2	
	June	98.9	99.5	98.9	Percentage employ- ment in this				
	July	98.2	99.8	98.3	trade covered by the index	28.7	53.2	29.6	
	THE RESERVE OF THE PERSON NAMED IN COLUMN 2 IS NOT THE PERSON NAME	CONTRACTOR OF THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER, THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN TWO IS NAMED IN THE OWNER, THE PERSON NAME	THE PERSON NAMED OF THE PE	The state of the s			AND DESCRIPTION OF THE PARTY OF	NAME OF TAXABLE PARTY OF TAXABLE PARTY.	

(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.

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