

BOARD OF TRADE

FINAL REPORT on the CENSUS OF PRODUCTION FOR 1948

Volume 2



Trade Q

Glue, Gum, Paste and Allied Trades

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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1951

TWO 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 Od. NET

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	· hader of	
		6,787
1. · · · · ·		

THIS REPORT on the Glue, Gum, Paste and Allied Trades relates to establishments engaged wholly or mainly in the manufacture of gelatine, glue, gum, paste, shellac, size, etc., including preliminary processes such as scraping, crushing of bones, and sorting and grinding of gums.

Larger establishments

These trades correspond to minimum list heading 39 (4) in the Standard Industrial Classification.

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

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GLUE, GUM, PASTE AND ALLIED TRADES

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GLUE, GUM, PASTE AND ALLIED TRADES

CHEMICALS AND ALLIED TRADES GLUE, GUM, PASTE AND ALLIED TRADES

Summary

Larger establishments

TABLE I

	And a second	The state of the second s	
	1948	1937	1935
	٤'000	£1000	£'000
Gross output (production)	10,456	2,954	2,391
Cost of materials and fuel used	6,767	1,813	1,377
Payment for work done on materials given out	10	1	-
Net output	3,679	1,140	1,014
Wages and salaries of persons employed	1,762	••	
Average number of persons employed (a)	No. 4,991(b)	No. 3,768	No. 3,473
Net output per person employed (a)	£ 737	£ 303	£ 292
Stocks at end of year	£'000	£'000	£'0 0 0
Finished products and work in progress	655	··· ··	
Materials and fuel	964 No.		
Number of establishments	62	No. ••	Nc. 53
		And a supplication of the	

(a) Excluding outworkers.

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(b) For the total number of persons employed in these trades see Table 3.

	1948	1937	1935
Output of firms in these trades	£'000	£'000	£'000
Total value of sales (1948) or production (1937 and 1935)			
Principal products (see Table 8)	8,672	2,111	1,709
Other output (see Table 10)	. 1,811	843	682
Adjustment for changes in stocks and work in progress (see Table 14)	+133		••
Less payment for transport by other firms	10,616 161	2,954	2,391
Gross output (production)	10,456	2,954	2,391
Materials and fuel used by firms in these trades			
Purchases (see Table 13)	6,854	1	
Adjustment for changes in stocks (see Table 14)	- 87	1,813	1,377
Materials and fuel used	6,767	1,813	1,377

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

TABLE 2 Number of re Average numbe Males

Females

TABLE 3

	Carlo Marcall
As returned by firms	8
Employing on average more than ten persons (a)	4,991
Employing on average ten persons or less (b)	213
	5,204
The test arranged amployment in firms not	and the second second
Estimated average employment in firms not making satisfactory returns	-
Average employment in all firms	5,204

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

TABLE 4				and the second	10.10			a sace	
Average	Establish-	Gross	Net	Persons	F	lemuneration		Net output per person	
number employed	monte		output	employed	Wages	Salaries	Total	employed	
stante page	No.	£'000	٤'000	No.	٤'000	£'000	£'000	£	
11-24	14	576	201	231	46	34	80	871	
25-49	21	1,683	572	742	159	117	275	771	
50-99	11 816	1,321	507	767	162	88	249	661	
100-199	10	2,925	959	1,429	329	166	495	671	
200-299	3	1,219	502	735	170	72	241	683	
300 and over	3	2,732	939	1,087	320	101	421	863	
Total	62	10,456	3,679	4,991	1,185	577	1,762	737	
				SALE LAN	U			中世界中国大学行行的性	

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GLUE, GUM, PASTE AND ALLIED TRADES

Summary, 1948

Small firms in Great Britain

turns .	37
er of persons employed (a)	
sundry voin bongtha	162 51
Total	213

(a) Including working proprietors.

Estimated average employment, 1948

All firms in Great Britain

Analysis by size, 1948

Larger establishments in Great Britain

CHEMICALS AND ALLIED TRADES

Analysis by standard region, 1948

Larger establishments in Great Britain

TABLE 5

RegionmentsoutputValuePercentage of totalemployedWagesSalariesTotalNo.£'000£'000£'000£'000£'000£'000£'000£'000£'000England and Wales39193319.047811242154Bast and West Ridings of Yorkshire56063218.74069830128North Midland59253178.64068848137London and South Eastern162,43997728.61,297275178452Southern31,0182246.12426161128North Wales72,09159016.076523576311North Western; Midland; and Wales192,10075720.61,091249121370	TAKE I AND	Establish-	Gross	Net	output	Persons	Remuneration			
England and Wales Northern; and Eastern 3 919 331 9.0 478 112 42 154 Eastern 3 919 331 9.0 478 112 42 154 Eastern 5 606 321 8.7 406 98 30 128 North Midland 5 925 317 8.6 406 88 48 137 London and South Eastern 16 2,439 977 26.6 1,297 275 178 452 South Eastern 3 1,018 224 6.1 242 61 61 122 South Western; Midland; and Wales 7 2,091 590 16.0 765 235 76 311 North 19 2,100 757 20.6 1,091 249 121 370	Region		and the second	Value			Wages	Salaries	Total	
Northern; and Eastern 3 919 331 9.0 478 112 42 154 East and West Ridings of Yorkshire 5 606 321 8.7 406 98 30 128 North Midland 5 925 317 8.6 406 88 48 137 London and South Eastern 16 2,439 977 26.6 1,297 275 178 452 South Eastern 3 1,018 224 6.1 242 61 61 122 South Western; Midiand; and Wales 7 2,091 590 16.0 765 235 76 311 North Western 19 2,100 757 20.6 1,091 249 121 370		No.	٤'000	£'000		No.	£'000	£'000	£1000	
Eastern 3 919 331 9.0 478 112 42 154 East and West Ridings of Yorkshire 5 606 321 8.7 406 98 30 128 North Midland 5 925 317 8.6 406 88 48 137 London and South Eastern 16 2,439 977 26.6 1,297 275 178 452 South Eastern 3 1,018 224 6.1 242 61 61 122 South Western; Midland; and Wales 7 2,091 590 16.0 765 235 76 311 North Western 19 2,100 757 20.6 1,091 249 121 370	England and Wales	213	and the second se		Total					
West Ridings of Yorkshire 5 606 321 8.7 406 98 30 128 North Midland 5 925 317 8.6 406 88 48 137 London and South Eastern 16 2,439 977 26.6 1,297 275 178 452 South Eastern 3 1,018 224 6.1 242 61 61 122 South Western; Midland; and Wales 7 2,091 590 16.0 765 235 76 311 North Western 19 2,100 757 20.6 1,091 249 121 370		3	919	331	9.0	478	112	42	154	
London and South Eastern 16 2,439 977 26.6 1,297 275 178 452 Southern 3 1,018 224 6.1 242 61 61 122 South Western; Midland; and Wales 7 2,091 590 16.0 765 235 76 311 North Western 19 2,100 757 20.6 1,091 249 121 370	West Ridings	5	606	321	8.7	406	98	30	128	
South Eastern 16 2,439 977 26.6 1,297 275 178 452 Southern 3 1,018 224 6.1 242 61 61 122 South Western; Midland; and Wales 7 2,091 590 16.0 765 235 76 311 North Western 19 2,100 757 20.6 1,091 249 121 370	North Midland	5	925	317	8.6	406	88	48	137	
South Western; Midland; and Wales 7 2,091 590 16.0 765 235 76 311 North Western 19 2,100 757 20.6 1,091 249 121 370 Total England and		16	2,439	977	26.6	1,297	275	178	452	
Midland; and Wales 7 2,091 590 16.0 765 235 76 311 North Western 19 2,100 757 20.6 1,091 249 121 370 Total England and	Southern '	3	1,018	224	6.1	242	61	61	122	
Western 19 2,100 757 20.6 1,091 249 121 370 Total England and	Midland; and	7	2,091	590	16.0	765	235	76	311	
England and	Western	19	2,100	757	20.6	1,091	249	121	370	
wales 58 10,097 3,517 95.6 4,085 1,118 556 1,673		58	10,097	3,517	95.6	4,685	1,118	556	1,673	
Scotland 4 358 162 4.4 306 68 21 89	Scotland	4	358	162	4.4	306	68	21	89	
Great Britain 62 10,456 3,679 100.0 4,991 1,185 577 1,762	Great Britain	62	10,456	3,679	100.0	4,991	1,185	577	1,762	

Analysis according to specialisation within these trades, 1948 Larger establishments in Great Britain

TABLE 6

200											
august states for	Establish- Gross Sales of charac-		charac-	Net	Persons	F	Remuneratio	Net output per person			
bevolgna - fisic	ments	output	products		employed	Wages	Salaries	Total	employed		
2 000	No.	000 ء	000'2	٥٥٥ ٤	No.	£'000	£'000	£'000	£		
Specialist producers of vegetable	-			-	100		- for set		three in the		
adhesives	18	2,159	1,809	600	787	165	157	323	762		
Remainder of the trades	44	8,297		3,079	4,204	1,020	419	1,439	732		
Total	62	10,456		3,679	4,991	1,185	577	1,762	737		

TABLE 7 - Total make of intermediate products Larger establishments

This table is not applicable to these trades.

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

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TABLE 8	91 212 1	1 1 BR	1 1 1 1 1 1 1				NUMBER SUMMER
(1)	" Guerrar"	1948 Sales		1937 Product		1935 Product	
· with a process of section	Quantity	Value	Entries	Quantity	Value	Quantity	Value
Gelatine, glue and size (animal)	Th. tons	£'000	No.	Th. tons	£1000	Th. tons	£1000
and a support of the second	and the second			50 100	12 20 070	ablat indias	TO LECOT STRATS
Edible gelatine (including pharmaceutical)	7.5	2,557	21	7.4	670 (a)	5.7	482 (a)
Photographic gelatine	0.9	453	8,	L'	diat in	Let as folge	elezz (a)
Bone glue and size, dried	12.4	1,526	18	17.1	714	A DESCRIPTION OF	11300 (2) 51 00 (2)
Hide glue and technical gelatine, dried	6.6	1,303	26	J 17.1	714 (b)(c)	bed as "Gur, bed as "She'	101800 (8) 102201 (8) 0753
Bone glue and size, undried	0.6	31	8	Intrain		44.8	913(c)
Hide glue and technical gelatine, undried	3.7(d)	120	8	Ingitant	10 10)	Safe	
Bolaotho, unititu			88513 8.	niondal läm	3.9		
Liquid glue	0.9	108	14	> 23.4	285 (e)	1	
Other adhesives	Contra unitad						TABLE 9
Fish glue and casein glue	1.1	172	7		74		
Synthetic resin glue	2.5	178	6				
Flexible glues (f)	0.6	88	6			bulant) ant	Standa Banks
Vegetable adhesives	and an and a second sec				sizer ()	to outs suite	Sections and
Cold water pastes	1 0	4	T.		DelTh	COLLAND BE DI	trone ser
Made from starch	7.2	386 155	19		(dises)	Tish 2109.	sile and of
Made from flour	4.0	77	6		12	contes	Veressble for
Liquid cold glues	5.6	321	17		25°08.	alles as the	staron .
Liquid gums	2.2	192	16	27.4	655 (g)	24.4	547 (g)
Powdered cold glues	1.2	91	6		o, som tad max börs i	stand bits bits	Postarrez a
Pcwdered gums and paste	9.1	812	14		dista Lyon	Tractobas	o instan there
Unclass if ied	1.5	176	11		ec hed	1	9361180
Other adhesives	0.7	48 7	} 17			ota sicintar	Bous 53-240
Bleached shellac (g)	0.6	236		-	-	nes-and off	0 0802180
Bone by-products	1			and the second s			
Bones for calcining Calcined bones and other bone	7.4	99	14	26.7	180 (h)	25.3	148(h)
by-products	10.7	242	12	.N.			15 0066511

GLUE, GUM, PASTE AND ALLIED TRADES

Larger establishments

CHEMICALS AND ALLIED TRADES.

TABLE 8 (contd.)

2/2/6

The fact that the second s		And the second second second					
oducts by	1948 Sales			193 Produc		1935 Production	
Tent I F	Quantity	Value	Entries	Quantity	Value	Quantity	Value
	Th. tons	٤'000	No.	Th. tons	£'000	Th. tons	£1000
Waste products		40	24		(1)	••	(1)
Work done for the trade or on commission	PP.	17(k)	LBA		(1)	Andar Jen	(1)
Total	Turner and	9,434	LEV V.J.	a strategy	2,504		2,090
Less sales or production in other trades (see Table 9)	. Th. to	763	1138 E 10	Th. 5	393	and and all	381
Total principal products of these trades sold or made by establishments in these trades		8,672	60		2,111	al) milaele autical)	1,709

Including technical gelatine. Described as "Glue, dry". Excluding technical gelatine. Commercial dry weight equivalent is 850 tons. Described as "Undried glue and size and fish glue, including liquid glue made from purchased dry glue".

(f) Described as "Ondried glue and size and fish glue, including liquid glue made from purchased dry glue".
(f) So far as recorded separately.
(g) Described as "Gum-mucilage, paste, etc.".
(h) Described as "Shank bones, middle bones, and horns for the manufacture of cutlery handles, buttons, fancy articles, etc.; other bone by-products, including calcined bones (except bone meal); bones for manure".
(1) Not recorded separately.
(k) Amount charged.

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

Larger establishments

TABLE 9

	1948 Sales			1937 Product		193 Produc	
	Quantity	Value	Entries	Quantity	Value	Quantity	Value
	Th. tons	£'000	No.	Th. tons	£'000	Th. tons	£'000
Edible gelatine (including pharmaceutical); photographic gelatine; bone glue and size, dried and undried; and hide glue and technical gelatine, dried and undried	0.7	224	19	n value i	ndebi	e adhea199	Vegetab. Cold
Liquid glue, fish glue, casein glue and synthetic resin glue	1.5	109	8	8.3	158	12.1	129
Vegetable adhesives		10000	and annual		and a second second		DED SA DAS
Cold water pastes made from starch	0.7	65	7	1	1	outs blon	sturia.
Liquid cold glues	- 81	7				aups	stapts .
Liquid gums	0.3	50	8				Posta
Powdered gums and paste; and un- classified vegetable adhesives	2.4	214	8	2.0	127	4.0	154
Other adhesives; and bleached	0.7	59 7	}		4.13 	Lynd blitte	eat 376
Bone by-products	1	A. 384	a fair w	A config	1 getter	i, nevidad	on work to
Bones for calcining	0.2	2		1.		Statement and States	
Calcined bones and other bone by-products	1.1	26	te good?	\$ 16.0	108	18.0	98
Total	1 43	763	••	7.	393	minioiso a	381

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BLE 10			
Sentratul (e) artispit		(b).) 83
lmal oils, fa	ts a	nd gre	ases
Refined Jnrefined			
eding stuffs oultry, etc.	for	animal	Ls,
rtilisers			
her goods			
rk done			
	Tota	al	(38)
) Amount cha	argeo	1.	
ABLE II	all have	So antes	ANT

TA

Sales (or transfers) to other Productive works Export sales organisations

Other wholesale or selling Retail shops, etc.

Total sales (or transfer

under the same control Sales to independent buyers

Exports invoiced directly

Exports invoiced to Crown houses in this country of governments abroad

His Majesty's Government a (other than productive e

Manufacturers, repairers, and transport and other

Wholesalers, merchants and

Retailers, including mult N.A.A.F.I., for resale

Other businesses (includin of all kinds

Members of the public, in

Unclassified

Total sales to indeper Total

(a) Of this total \$707,000 was recorded as divided between \$29,000 DS 99518/1

2/2/7

GLUE, GUM, PASTE AND ALLIED TRADES Sales (or production) in these trades of other than principal products Larger establishments

	1948 Sales	3	1937 Production		1935 Producti	on
Expant	Quantity	Value	Quantity	Value	Quantity	Value
.89	Th. tons	£'000	Th. tons	£1000	Th. tons	£1000
	1.9 8.4	-158 501	4.2 17.5	91 344	3.3 15.8	66 291
a.p {	26.9 	372 46	> 21.6	174	16.5	130
	27.7	370	32.1	147	42.7	151
		364		87	••	44
	1. A. 49	1(a)		-		-
	1 9 9.5%	1,811	(4) 1000	843	E9W/E8	682

Analysis of sales, 1948 Larger establishments in Great Britain

reter only to larger establishments in the	Sales	Percentage of total sales
er organisations under the same control	£1000	Lauras, Elauras
saleina 1923.	567	5.4
(including branches abroad)	74	0.7
g organisations	417	4.0
	-	-
rs) to other organisations	1,058	10.1
overseas .	355	3.4
Agents and purchasing f individual firms and	74	0.7
and Local Authorities stablishments)	32	0.3
builders, mines, public utilities, productive undertakings	5,205	49.7
d other agents for resale	2,806(a)	26.8
iple shops, caterers and	179	1.7
ing farmers) and institutions	324	3.1
ncluding employees	4	-
	427	4.1
endent buyers	9,407	89.9
And some in the second se	10,465	100.0
0 was recorded as divided between £29,000 for expo	rt and £678,000 f	or other sales.

CHEMICALS AND ALLIED TRADES

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

TABLE 12

2/2/8

	James 1	Production (b)(c)	Exports (d)	Retained imports (e)
		Th. tons	Th. tons	Th. tons
Gelatine, glue and size (animal)				· Heritici
Edible gelatine (including		and it is	he and and	tor indian allenas
pharmaceutical)	1948	7.5	0.2	1.2
Photographic gelatine	1948	C.9	0.1	
Other sorts	1948	24.2	1.7	0.6
Other adhesives	1948	37.9 (f)	1.6 (g)	– (g)
Total gelatine, glue and size and all other adhesives	{1948 1937	70.5 (f) 75.3 £'000	3.7 (g) 4.6 (g) £'000	1.9 (g) 7.1 (g) £'000
	1948 1937	8,800 2,324	699 313	598 554

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

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

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

(d) Valued f.o.b.

(e) Valued c.i.f.

(f) Partly estimated.

(g) Excluding paste and gum (stationery).

Purchased materials and fuel

Larger establishments

TABLE 13	The second second	1948		1937		1935		
	1.057	Materials a fuel purcha		Usage o	of purchase and fue	ed materials	190	
ates .		Quantity	Cost	Quantity	Cost	Quantity	Cost	
	1	Th. tons	£'000	Th. tons	£1000	Th. tons	٤'000	
Materials					and water	tor prhar b		
Bones and bone pieces, raw or degreased					io sater	nal) como r		
Imported as such		57.3	1,711	1	A Deve	(treuros)		
Other		45.0	462	> 106.1	497		100 DED	
Hoofs and horns	ins. Kl	0.2	1 1			aque odeano	- TOTAL -	
						and and a second	- Tring	
Butchers' fat, kitchen fat, condemned meat and carcases,					1 2000			
greaves, other fatty materials, blood and other	d	10.7	60	16.0	84 (a)	1 10 6000 (M	Tinter!	
offal not elsewhere specifie	u.	10.7	00		toel .	tedato ant -	the star	
Packing materials	- minimit	ABR. STILLT	393	et secetilation anglouses	78	the Cautorine		
Glue and gelatine stock, hide	the second second	aponta and	n and a	to stal not	ido tine	>	1,232 (b	
cuttings and leather and skin waste		in the sector	13.	fandes search	not spec	luding fuel	(b) No	
- Wet	.T. 8 000 .T.	85.8	458	ectricity of	9 10 871	topic and	(d) Th	
Dry				Company Starts		-	- In fame	
Imported as such		3.7	130	the serves	787			
Other		9.3	147	Des Deut				
Starch and dextrine		16.5	825	Larger esta		a second second		
All other purchased material	S		1,839				11 3363	
Unclassified purchased	the of year	AL DECIS	ODATS.		alainian	a the second		
materials	Valute	Quantity	207		176	2		
Fuel and electricity		Th. tong				/	a manage	
Coal		141.7	353	172.2	144	156.7	116	
Coke		18.6	41		(c)	9.4	6	
		Th.B.T.U.		Th.B.T.U. (kW.hrs.)		Th.B.T.U. (kw.hrs.)	A REAL	
101		(kw.hrs.)			28	7,432	23	
Electricity purchased(d)		18,527	78	9,577	20		10.701	
Electricity obtained from o works under the same owner:	ther ship	-	-		-	ing fort	as as were	
TOTILO UNION ONO DUNIO OWNON	11.3					-		

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GLUE, GUM, PASTE AND ALLIED TRADES

2/2/9

CHEMICALS AND ALLIED TRADES

TABLE 13 (contd.)

	1948	ed Your	1937		1935		
	Materials a fuel purcha		Usage c	of purchas and fu	sed materials		
- 1937 - 1935	Quantity	Cost	Quantity	Cost	Quantity	Cost	
Fuel and electricity (contd.)	Th. galls.	£1000		£'000		000 ع	
Motor spirit (petrol) and derv. fuel	Cy Cost	Quant					
Used for road vehicles	145	12	1			Latton	
Used for other power purposes	5	-			and bone place	Banoa	
Other oil fuel (including creosote/ pitch mixtures)	.758	22			ted as such	or del	
Gas purchased	Th. therms	and a		.t (a)			
From public supply	140 ••	4 3	>	19	anton Bre	(c)	
From other sources	1	-		ben Tat.	at rat, kitt		
Gas obtained from other works under the same ownership		8,800 01 ³²⁴ -	bo	ty ad other espectf	a, dener Tau Ale, block a det elsender		
All other purchased fuel		107	month in 1	tes' mageve	in years.		
Total		6,854		1,813	SIECTODES .	1,377	

(a) Excluding blood and other offal not elsewhere specified.

Including fuel not specified separately. (b)

Not recorded separately. (c)

(d) The total quantity of electricity consumed in 1948 was 24,527,000 B.T. units, including 6,000,000 generated in the same works.

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

Larger establishments in Great Britain

T		D	1	-	1	-
	A	D	L	E	1992	1

	At beginnin	g of year	At end of year		
207	Quantity	Value	Quantity	Value	
Finished products	Th. tons	£'000	Th. tons	٤،000	
Gelatine, glue and size (animal)	1.7	248	2.7	376	
Other finished products		163		175	
Work in progress	(bd, 128.)	111		104	
Total finished products and work in progress	18,527	522	y purchased (d)	655	
Materials and fuel	~	877	1340 SALAS SALAS OF V	964	
DS 99518/1				and the second second	

Average number of operatives			of	Administr and cleri		Total			
TUE TUER	1948	1937	1935	1948	1937	1935	1948	1937	1935
Males		100	187	26	39	31	156	221	218
Under 18 All ages	130 2,979	182 2,333	2,166	712	524	4 65	3,691	2,857	2,631
Females Under 18 All ages	155 862	266 713	219 669	66 436	36 198	19 173	221 1,298	302 911	238 842
Total Under 18 All ages	285 3,841	448 3,046	406 2,835	92 1,148(c)	75 722	50 638	377 4,989 (c) (d) (e)	523 3,768	456 3,473
Total remuneration	£'000 1,185	tala tala	il teani	ଛ. ' ୦୦୦ 577	na í féki ar	Larger Moto pale	£'000 1,762	••	••

are not included in the table or in any other report (e.g., employees transport organisation for which separate accounts are kept):-

Canteen workers 2 males 38 females Other workers

(b) Number at September 25, 1948, October 16, 1937, and October 12, 1935.

(c) There were, in addition, 2 working proprietors (1 male 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 £39'000.

employing 100 or more persons:-

Transport of goods outside the

Maintenance and repair of firms buildings, but not plant

Research work not directly conn current production however charged

DS 99518/1

GLUE, GUM, PASTE AND ALLIED TRADES

Employment and remuneration (a)

Larger establishments

36 males

3 females

(e) The following persons (included in this total) were employed on special work by establishments

the second s	Operatives	Administrative, technical and clerical employees
premises	83	And the hot research Chalabalf tage back of the host back
S ¹	85	exercis sade for recently work .
nected with		To universities, institutions, sea

CHEMICALS AND ALLIED TRADES Wages and salaries paid, 1948 (a) Larger establishments in Great Britain

TABLE 16

	Amount	Establishments making returns for the calendar year							
	paid by all	Amount	Perc	entage of an	nual remuner	ration paid i	In		
546 T 1687	establish- ments		paid	First quarter	Second quarter	Third quarter	Fourth quarter	Year	
	£'000	£1000					PACON		
Wages and salaries of	1	mar har	i stal	1951	30 08		ei asiani		
Operatives	1,185	450	24.5	24.8	24.2	26.5	100.0		
Administrative, technical and							Pelone		
clerical employees	577	202	23.5	25.7	24.8	26.0	100.0		
Total	1,762	652	24.2	25.1	24.4	26.4	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 £10,000.

Payments for certain services, 1948 Larger establishments in Great Britain

TABLE 18

DS 99518/1

	A MARTIN A MARTINE
as, 1946, october 14, 1937, and october 12; 1986, a other and bo may	Amount paid
Repair and maintenance	£'000
Of buildings Of plant, machinery and vehicles Unclassified	0890 17 61 202
Hire of plant, machinery and vehicles	area aniwalion edi (e)
Advertising and market research	employing 100 or
inter of oto high and indirect research	and the second se
Advertising in newspapers, magazines and periodicals	6
Other advertising services (poster display, despatch of circulars, etc.) and market research	Carpon is a
Unclassified	25
	20
Payments made for research work	in the analysis and the
To research associations	bulidings, but n
To universities, institutions, academic bodies and similar agencies	
To other commercial concerns	2
Postage, telephone, telegrams and cables	26
	20
Commercial insurance premiums	42
Rates (excluding water rates) payable in the year	12
	16

and the second	Acquis	Acquisitions				
	New	Second-hand	Disposals			
20012	٤'000	٤١٥٥٥	£'000			
Plant and machinery	368	10	7			
Vehicles	23	7	2			
Total	391	18	10			

T	AB	LE	20	

- 1. Capital expenditure on building work (a)
- 2. Existing buildings and land acquired (b)

Total of headings 1 and 2

- 3. Existing buildings and land relinquished (c)
- 4. Headings 1 and 2 less heading 3
- (a) Excluding site value which, where appropriate, is included in heading 2.
- (b) The figure does not reflect changes in ownership of previously occupied land and buildings.
- (c) Including property destroyed or abandoned.

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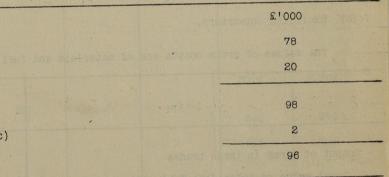
GLUE, GUM, PASTE AND ALLIED TRADES

Plant, machinery and vehicles acquired and disposed of, 1948

Larger establishments in Great Britain

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

Larger establishments in Great Britain



CHEMICALS AND ALLIED TRADES COUNTRY TABLES

1948

GLUE, GUM, PASTE AND ALLIED TRADES

Summary

Larger establishments

TABLE 21

2/Q/14

Second-bang	England and Wales (a)	Scotland	Great Britain
£1000 £1000	000 1 2 000	£'000	٤'000
Gross output (production)	10,097	358	10,456
Cost of materials and fuel used	6,571	196	6,767
Payment for work done on materials given out	10	26.0 - 20.0	10
Net output	3,517	162	3,679
Wages and salaries of persons employed Average number of persons employed (b) Net output per person employed (b) Stocks at end of year	1,673 No. 4,685 £ 751 £'000	89 No. 306 £ 530 £'000	1,762 No. 4,991 & 737 &'000
Finished products and work in progress Materials and fuel Number of establishments	58	65 29 No. 4	655 964 No. 62

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

(b) Excluding outworkers.

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

		a service and and the service as a district of	A COMPANY CONSIGNATION AND AND
A second se	England and Wales	Scotland	Great Britain
a minimum and a state of the second	£1000	٤'000	£'000
Output of firms in these trades	8.9	itened and a ban a	s. Headings
Total value of sales (see Table 23)	10,125	358	10,483
Adjustment for changes in stocks and	steride and another	sito valis- which	(a) Exclosing
Work in progress	+ 129	+ 4	+ 133
An and the second	10,254	363	10,616
Less payment for transport by other firms	157	4	161
Gross output (production)	10,097	358	10,456
Materials and fuel used by firms in these trades			
Purchases (see Table 24)	6,662	191	6,854
Adjustment for changes in stocks	- 92	+ 5	- 87
Materials and fuel used	6,571	196	6,767
DS 99518/1	line and the second		

Summary

Small firms

TABLE 22

Number of returns Average number of persons employed (a)

Males Females

.

Total

(a) Including working proprietors.

TABLE 23	1.	804 .6.1					
	England and Wales		Scotl	and	Great Britain		
1000	Quantity	Value	Quantity	Value	Quantity	Value	
	Th. tons	£'000		£1000	Th. tons	£'000	
Principal products							
Edible gelatine (including pharmaceutical); photographic gelatine; bone glue and size, dried and undried; and hide				atest	10 10 10 10 10 10 10 10 10 10 10 10 10 1		
glue and technical gelatine, dried and undried			3		30.9	5,766	
Liquid glue, fish glue, casein glue and synthetic resin glue		(a)	•••	(a)	3.0	349	
Flexible glues		1			0.6	88	
Vegetable adhesives		.p.126					
Cold water pastes	pointini of	in relating	of information	f disclosure	4 ERS FIELC	BITTHE CEL	
Made from starch	6.5	321	-	-	6.5	321	
Made from flour	4.0	155 77	- {		4.0	155 77	
Liquid cold glues	5.5	313	-	-	5.5	313	
Liquid gums	1.9	142	-	-	1.9	142	
Powdered cold glues	1.2	91	-	1	1.2	91	
Powdered gums and paste; and unclassified vegetable adhesives	8.2	774	-	-	8.2	774	

DS 99518/1

GLUE, GUM, PASTE AND ALLIED TRADES COUNTRY TABLES

2/Q/15

England	Wales	Scotland	Great Britain
31		6	37
	Defic	nald bun tear	escibe tell?v
133		29	162
44	-	7	51
177	-	36	213
	and the second se		

Sales in the trades

Larger establishments

CHEMICALS AND ALLIED TRADES COUNTRY TABLES

TAB	LE	23	(contd.)	

	England and Wales		Scot	land	Great Britain		
	Quantity	Value	Quantity	Value	Quantity	Value	
Talitai and and a	Th. tons	£'000		£'000	Th. tons	٤'000	
Principal products (contd.)	and the second	ER				t le reduci	
Other adhesives; and bleached shellac	0.7	226		a Long Loye of	0.7	226	
Bone by-products	-	AN AN	A ster	the state		A de temes	
Bones for calcining	••	(a)		(a)	7.2	97	
Calcined bones and other bone by-products	9.6	215	-	Same - obsoors	9.6	215	
Waste products	••	(a)		(a)		40	
Work done for the trade or on commission (b)	in and a second	17	1.91.42	-		17 .	
Total principal products		8,403		269		8,672	
Other output		SPIER D	Ban Jones			4000	
Animal oils, fats and greases		C\$127	Quant 101				
Refined) .	02012		(1.9	158	
Unrefined		(a)		(a)	8.4	501	
Feeding stuffs for animals, poultry, etc.			ane alle dere		{ 26.9 ••	372 46	
Fertilisers			a dama na ana ana ana ana ana ana ana ana a		27.7	370	
Other goods		364	- i	n=denot as	ma na	364	
Work done (b)		1		-	A CONTRACTOR OF THE	1	
Total		10,125		358	anyi abdur	10,483	

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

(b) Amount charged.

DS 99518/1

LUE,	GUM,	PASTE	AND ALLI

TABLE 24	England ar	d Wales	Scotla	and	Great Britain		
i territore a	T	Cost	Quantity	Cost	Quantity	Cost	
	Quantity Th. tons	£'000	Th. tons	£'000	Th. tons	£'000	
Materials	III. COILS	a 000	and the second second	- from and	AN CREATE AND	and an instantion	
Bones and bone pieces, raw or degreased	-				the stan or a		
Imported as such	57.3	1,711		-	57.3	1,711	
Other		(a)		(a)	45.0	4.62	
Hoofs and horns	0.2	i	-	-	0.2	1	
Butchers' fat, kitchen fat, condemned meat and carcases, greaves, other fatty	WEIVIDAL OF		Segnatul 19 Receptor 13	(a)	10.7	60	
offal not elsewhere specified	ask or dies No and top 34	(a)		14	and a series of the second	393	
Packing materials	••	379		14			
Glue and gelatine stock, hide cuttings and leather and skin waste	antiste	unon bas	neavolun3.				
Wet	79.4	427	6.5	31	85.8	458	
Dry			TIT I	and the second second			
Imported as such		(a)		(a)	3.7	130	
Other		(a)		(a)	9.3	147	
Starch and dextrine	16.5	825		- C.B	16.5	825	
All other purchased materials		1,818		22		1,839	
Unclassified purchased materials	••	207	-	-		207	
Fuel and electricity	185	S	100	29	141.7	353	
Coal	129.4	323	12.3	29	18.6	41	
Coke	18.6	41	8 0.13 00 0.13	412	Th.B.T.U. (kW.hrs.)	i nabito post 114	
Electricity purchased (b)		(a)	·	(a)	18,527	78	
Electricity obtained from other works under the same	875 /					-	
ownership	Th.galls.		Th.galls	•	Th.galls.	inter series	
Motor spirit (petrol) and derv. fuel	28				145	12	
Used for road vehicles	137	12	9	anter more de la	tol of the tol and		
Used for other power purposes	100 100 100 100 101 100 100	(a)	0 1 201 8.14	(a)	5		
Other oil fuel (including creosote/pitch mixtures)	758	22	-	-	758	22	

E AND ALLIED TRADES COUNTRY TABLES

Purchased materials and fuel

Larger establishments

CHEMICALS AND ALLIED TRADES COUNTRY TABLES

2/Q/18

TABLE 25

	England	and Wales	Scot	land	Great Britain		
	Quantity	Cost	Quantity	Cost	Quantity	Cost	
uel and electricity (contd.)		£'000		£1000	Th. therms	£'000	
Gas purchased		14 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	T vaira	1000	1 11. 1000		
From public supply	••••	(a)	••5000	(a) {	140	4.	
From other sources				-	enosi- regos	tins an-	
Gas obtained from other works under the same ownership	-	-			as noch	borrogel	
All other purchased fuel		107		-		107	
Total		6,662		191	and the second	6,854	

isclosure of information relating to individual firms, separate figures cannot be given.

(b) The total quantity of electricity consumed in Great Britain was 24,527,000 B.T. units, including 6,000,000 generated in the same works. Owing to the risk of disclosure of information relating to individual firms, separate figures for England and Wales and for Scotland cannot be given.

Employment and remuneration

Larger establishments

	Engl	and and Wale	es		Scotland		Great Britain		
1945 auto	Average number of operatives	Admini- strative, technical and clerical employees (a)	Total	Average number of operatives		Total	Average number of operatives		Total
Males	4.44		4		ma la		and the second		rene di sederi rene senerale
Under 18 All ages Females	123 2,773	26 687	149 3,460	7 206	25	7 231	130 2,979	26 712	156 3,691
Under 18 All ages	152 812	60 411	212 1,223	3 50	6 25	9 75	155 862	66 436	221 1,298
Total	and the second second							1000	
Under 18 All ages	275 3,585	86 1,098 (b)	361 4,683 (b)(c)	10 256	6 50	16 306 (c)	285 3,841	92 1,148 (b)	377 4,989 (b)(c)
	£'000	£'000	٤'000	£'000	£'000	£'000	£'000	£'000	£'000
Total remunera- tion	1,118	556	1,673	68	21	89	1,185	, 5 77	1,762

(a) (b) (c)

Number at September 25, 1948. There were, in addition, 2 working proprietors (1 male and 1 female), both in England and Wales. The employers' share of contributions to all National Insurance Schemes payable during the year in respect of these workers amounted to a total of £39,000; £37,000 for England and Wales, and £2,000 for Scotland.

Month	Monthly index (a)	Month -	Monthly index (a)
	Great Britain (b)		Great Britain (b)
1948		1948	
January	100.5	August	95.6
February	101.3	September	97 . 2 100.8
March	102.8	October	102.3
April	101.6	November	101.8
May	99.3	December	101.0
June	99.5	Percentage employ- ment in this trade covered by the	
July	97.5	index	35.3

(a) The index numbers are calculated from the number of operatives employed in one week in each month returned by larger establishments that made returns for the calendar year 1948.

(b) Cwing to the risk of disclosure of information relating to individual firms, separate index numbers for England and Wales and for Scotland cannot be given.

GLUE, GUM, PASTE AND ALLIED TRADES COUNTRY TABLES

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

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