



BOARD OF TRADE

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FINAL REPORT
on the
CENSUS OF PRODUCTION
FOR 1948

Volume 1

Trade M

Roofing Felts

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

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

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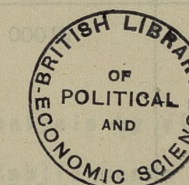
* Not applicable to this trade

ROOFING FELTS TRADE

THIS REPORT on the Roofing Felts Trade relates to establishments engaged wholly or mainly in the manufacture of paper, tarred flax, jute and other felts.

This trade is included among the miscellaneous non-metalliferous mining manufactures in minimum list heading 29(3) in the Standard Industrial Classification.

Establishments in this trade in Northern Ireland (which are excluded in 1948) accounted in 1935 for about 6 per cent. of the net output for the United Kingdom.



Roofing Felts Trade
Summary
Larger establishments

TABLE 1

	1948 (a)	1937 (b)	1935 (b)
Gross output (production)	£'000 4,377	£'000 1,610	£'000 1,302
Cost of materials and fuel used	2,512	982	710
Payment for work done on materials given out	-	-	1
Net output	1,864	628	591
Wages and salaries of persons employed	598	..	..
Average number of persons employed	No. 1,605(c)	No. 1,781	No. 1,602
Net output per person employed	£ 1,162	£ 353	£ 369
Stocks at end of year	£'000		
Finished products and work in progress	200	..	..
Materials and fuel	314	..	..
Number of establishments	No. 22	No. ..	No. 25

(a) Great Britain only.

(b) United Kingdom.

(c) 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)	4,045	1,381	1,133
Other output (see Table 10)	509	229	169
Adjustment for changes in stocks and work in progress (see Table 14)	+ 58	..	..
	4,612	1,610	1,302
Less payment for transport by other firms	235		
Gross output (production)	4,377	1,610	1,302
Materials and fuel used by firms in this trade			
Purchases (see Table 13)	2,534	982	710
Adjustment for changes in stocks (see Table 14)	- 22		
Materials and fuel used	2,512	982	710

Summary, 1948

Small firms in Great Britain

TABLE 2

Number of returns	(a)
Average number of persons employed (b)	
Males	7
Females	1
Total	8

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

(b) 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)	1,605
Employing on average ten persons or less (b)	8
Estimated average employment in firms not making satisfactory returns	1,613
	8
Estimated average employment in all firms	1,621

(a) See Tables 1 and 15.

(b) See Table 2.

Analysis by size, 1948

Larger establishments in Great Britain

TABLE 4

Average number employed	Establishments	Gross output	Net output	Persons employed	Remuneration			Net output per person employed
					Wages	Salaries	Total	
	No.	£'000	£'000	No.	£'000	£'000	£'000	£
11-24	7	283	125	135	29	12	41	927
25-49	5	457	198	169	37	16	53	1,170
50-99	6	1,122	465	439	111	34	145	1,060
100 and over	4	2,515	1,076	862	239	120	358	1,249
Total	22	4,377	1,864	1,605	416	182	598	1,162

Analysis by standard region, 1948

Larger establishments in Great Britain

TABLE 5

Region	Establishments	Gross output	Net output		Persons employed	Remuneration		
			Value	Percentage of total		Wages	Salaries	Total
	No.	£'000	£'000		No.	£'000	£'000	£'000
England								
Northern and North Western	6	1,236	528	28.3	503	102	67	169
East and West Ridings of Yorkshire and Eastern	3	274	128	6.9	82	20	7	27
London and South Eastern	8	2,188	924	49.6	773	233	95	328
Total England	17	3,698	1,580	84.7	1,358	354	170	524
Wales	-	-	-	-	-	-	-	-
Scotland	5	679	285	15.3	247	62	12	74
Great Britain	22	4,377	1,864	100.0	1,605	416	182	598

TABLE 6 - Analysis according to specialisation within the trade, 1948:

Larger establishments

No specialisation within this trade was distinguished.

TABLE 7 - Total make of intermediate products: Larger establishments

This table is not applicable to the trade.

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

Larger establishments

TABLE 8

	1948 (a)				1937 (b)			1935 (b)		
	Sales		Entries	Production		Production		Production		Value
	Quantity	Value		Quantity	Value	Quantity	Value			
	Th. sq. yds.	Th. cwts.	£'000	No.	Th. sq. yds.	Th. cwts.	£'000	Th. sq. yds.	Th. cwts.	£'000
Felts for roofing (including sarking and sheathing felts)										
Paper felts										
Bituminous self-finished felts	58,897	1,377	2,336	18	49,220	962	724	32,958	718	643
Tarred or sanded or similar finish felts	1,728	61	55	6	2,606	87	29	2,797	95	30
Tarred flax or jute felts	7,052	94	339	6	8,420	124	140 (c)	7,694	118	120 (c)
Other roofing felts	9,479	240	412	8	1,085	26	80	1,008	23	65
Total roofing felts	77,157	1,772	3,142	..	61,331	1,199	973	44,457	954	858
Dampcourses and similar fabrics	4,382	278	510	19	4,946	274	250	4,477	237	180
Felt base for manufacture into floor covering and impregnated felts for covering floors	13,053	197	341	9	22,388	333	180	14,699	197	112
Waste products		..	5	..		6	8 (d)		13	11 (d)
Work done for customers (fixing felts, etc.)			90 (e)	..			-			-
Total			4,088	..			1,411			1,161
Less sales (or production) in other trades (see Table 9)			43				30			28
Total principal products of this trade sold or made by establishments in the trade			4,045	20			1,381			1,133

(a) Great Britain only.
(b) United Kingdom.
(c) Tarred flax felts only.(d) So far as recorded separately
(e) Amount charged.

MINING, QUARRYING AND TREATMENT OF NON-METALLIFEROUS
MINING PRODUCTS OTHER THAN COAL

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

Larger establishments

TABLE 9

	1948 (a)			1937 (b)			1935 (b)			
	Sales			Production			Production			
	Quantity		Value	Entries	Quantity		Value	Quantity		Value
	Th. sq. yds.	Th. cwts.	£'000	No.	Th. sq. yds.	Th. cwts.	£'000	Th. sq. yds.	Th. cwts.	£'000
Felts for roofing (including sarking and sheathing felts)										
Paper felts										
Bituminous self- finished felts	30	1	1	..	-	-	-	-	-	-
Tarred flax or jute felts	14	-	1	..	210	4	4	327	7	6
Other roofing felts	100	3	4	..	-	-	-	-	-	-
Dampcourses and similar fabrics; felt base for manu- facture into floor covering and impregnated felts for covering floors	727	19	37	..	2,819	43	26	1,632	31	22
Total			43	..			30			28

(a) Great Britain only.

(b) United Kingdom.

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

Larger establishments

TABLE 10

	1948 (a)			1937 (b)		1935 (b)	
	Sales			Production		Production	
	Quantity		Value	Quantity	Value	Quantity	Value
	Th. sq. yds.	Th. cwts.	£'000	Th. sq. yds.	£'000	Th. sq. yds.	£'000
Felts, including hair felts, other than impregnated felts for roofing and floor covering	4,446	69	257	1,334	36	-	-
Bituminous paints and enamels		Th. cwts. 18	46	Th. cwts. 20	31		
Manufactured mastic asphalt		-	-	145	26	..	131
Other bituminous composition		91	92	71	46		
Other goods		..	114	..	60		
Work done			-		30(c)		38(c)
			509		229		169

(a) Great Britain only.

(b) United Kingdom.

(c) Amount received.

Analysis of sales, 1948

Larger establishments in Great Britain

TABLE 11

	Sales	Percentage of total sales
	£'000	
Sales (or transfers) to other organisations under the same control	367	8.2
Sales to independent buyers		
Exports invoiced directly overseas	74	1.6
Exports invoiced to Crown Agents and purchasing houses in this country of individual firms and governments abroad	205	4.6
His Majesty's Government and Local Authorities (other than productive establishments)	34	0.8
Manufacturers, repairers, builders, mines, public utilities, and transport and other productive undertakings	731	16.4
Wholesalers, merchants and other agents for resale	2,545(a)	57.0
Retailers, including multiple shops, caterers and N.A.A.F.I., for resale	502	11.2
Other businesses (including farmers) and institutions of all kinds	1	-
Members of the public, including employees	6	0.1
Total sales to independent buyers	4,097	91.8
Total	4,464	100.0

(a) Of this total £1,752,000 was recorded as divided between £272,000 for export and £1,479,000 for other sales.

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

TABLE 12

	Production (b) (c)	Exports	Retained imports
	Th. cwts.	Th. cwts.	Th. cwts.
Felts for roofing	{ 1948 1937	{ 299 144	{ - 11
	1,772		
	1,199		

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

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

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

Purchased materials and fuel

Larger establishments

TABLE 13

	1948 (a)		1937 (b)		1935 (b)	
	Materials and fuel purchased		Usage of purchased materials and fuel			
	Quantity	Cost	Quantity	Cost	Quantity	Cost
	Th. cwts.	£'000		£'000		£'000
Materials						
Flax and jute waste	50	85	}	944	}	678(c)
Jute cloth and bags	67	433				
Felt paper, untarred	476	813				
Coal-tar pitch	48	16				
Coal-tar	35	9				
Rosin (colophony)	4	7				
Bitumens and asphalts	1,431	662				
Cowhair	14	42				
Packing materials	..	132				
All other purchased materials	..	234				
Fuel and electricity	Th. tons		Th. tons		Th. tons	
Coal	9.8	29	11.2	14	14.9	16
Coke	3.9	14	-	(d)	2.4	3
Electricity purchased (e)	Th. B. T. U. (kW. hrs.)		Th. B. T. U. (kW. hrs.)		Th. B. T. U. (kW. hrs.)	
	3,816	15	2,430	8	1,555	6
Motor spirit (petrol) and derv. fuel	Th. galls.		Th. galls.		Th. galls.	
Used for road vehicles	62	5	}	-	-	(d)
Used for other power purposes	9	-				
Other oil fuel (including creosote/ pitch mixtures)	361	14	-	(d)	434	7(f)
Gas purchased	Th. therms					
From public supply	569	22	}	16	-	(d)
From other sources	-	-				
Gas obtained from other works under the same ownership	-	-				
All other purchased fuel	..	1				
Total		2,534		982		710

- (a) Great Britain only.
 (b) United Kingdom.
 (c) Including fuel not specified separately.
 (d) Not recorded separately.
 (e) Including electricity obtained from other works under the same ownership.
 (f) 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

TABLE 14

	At beginning of year			At end of year		
	Quantity		Value	Quantity		Value
	Th. sq. yds.	Th. cwts.	£'000	Th. sq. yds.	Th. cwts.	£'000
Finished products						
Bituminous self-finished paper felts	2,356	60	70	3,198	83	96
Other finished products and work in progress			72			104
Total finished products and work in progress			141			200
Materials and fuel	..		292	..		314

Employment and remuneration (a)

Larger establishments

TABLE 15

	Average number of operatives			Administrative, technical and clerical employees (b)			Total		
	1948 (c)	1937 (d)	1935 (d)	1948 (c)	1937 (d)	1935 (d)	1948 (c)	1937 (d)	1935 (d)
Males									
Under 18	40	98	88	10	37	29	50	135	117
All ages	1,149	1,156	1,073	250	353	314	1,399	1,509	1,387
Females									
Under 18	5	12	19	20	14	4	25	26	23
All ages	109	159	123	97	113	92	206	272	215
Total									
Under 18	45	110	107	30	51	33	75	161	140
All ages	1,258	1,315	1,196	347(e)	466	406	1,605(e) (f) (g)	1,781	1,602
	£'000			£'000			£'000		
Total remuneration	416	..	..	182	..	..	598	..	..

(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 1 male, 15 females
 Other workers - males, - females

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

(c) Great Britain only.

(d) United Kingdom.

(e) No working proprietors were recorded for 1948.

(f) The employers' share of contributions to all National Insurance Schemes payable during the year in respect of these workers amounted to £14,000.

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

	Operatives	Administrative, technical and clerical employees
Transport of goods outside the premises	8	
Maintenance and repair of firms' buildings, but not plant	10	
Research work not directly connected with current production however charged	*	

* Negligible.

MINING, QUARRYING AND TREATMENT OF NON-METALLIFEROUS
MINING PRODUCTS OTHER THAN COAL

Wages and salaries paid, 1948 (a)

Larger establishments in Great Britain

TABLE 16

	Amount paid by all establishments	Establishments making returns for the calendar year					
		Amount paid	Percentage of annual remuneration paid in				Year
			First quarter	Second quarter	Third quarter	Fourth quarter	
Wages and salaries of	£'000	£'000					
Operatives	416	270	24.3	25.4	23.9	26.4	100.0
Administrative, technical and clerical employees	182	80	25.6	26.2	25.0	23.2	100.0
Total	598	350	24.6	25.6	24.1	25.6	100.0

(a) Including bonus and commission payments.

TABLE 17 - Payments for work done on materials given out, 1948

Larger establishments in Great Britain

No payments by larger establishments in Great Britain for work done on materials given out in 1948 were recorded.

Payments for certain services, 1948

Larger establishments in Great Britain

TABLE 18

	Amount paid
	£'000
Repair and maintenance	
Of buildings	15
Of plant, machinery and vehicles	31
Unclassified	5
Hire of plant, machinery and vehicles	-
Advertising in newspapers, magazines and periodicals	13
Other advertising services (poster display, despatch of circulars, etc.) and market research	6
Payments made for research work	-
Postage, telephone, telegrams and cables	7
Commercial insurance premiums	16
Rates (excluding water rates) payable in the year	4

Plant, machinery and vehicles acquired and disposed of, 1948

Larger establishments in Great Britain

TABLE 19

	Acquisitions		Disposals
	New	Second-hand	
	£'000	£'000	£'000
Plant and machinery	91	1	-
Vehicles	12	3	1
Total	103	4	1

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

Larger establishments in Great Britain

TABLE 20

	£'000	£'000
1. Capital expenditure on building work (a)		33
2. Existing buildings and land (b)		
(1) Capital cost of freeholds bought	-	
Estimated capital value of		
(11) Rented property newly occupied in year (c)	12	
(111) Leasehold buildings and land newly occupied in the year	-	
Total of heading 2		12
Total of headings 1 and 2		45
3. Existing buildings and land relinquished (d)		-
4. Headings 1 and 2 less heading 3		45

(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.

1948

Roofing Felts Trade

Summary

Larger establishments

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

TABLE 21

	England	Scotland	Great Britain
Gross output (production)	£'000 3,698	£'000 679	£'000 4,377
Cost of materials and fuel used	2,118	394	2,512
Payment for work done on materials given out	-	-	-
Net output	1,580	285	1,864
Wages and salaries of persons employed	524	74	598
Average number of persons employed	No. 1,358	No. 247	No. 1,605
Net output per person employed	£ 1,163	£ 1,152	£ 1,162
Stocks at end of year	£'000	£'000	£'000
Finished products and work in progress	165	35	200
Materials and fuel	267	47	314
Number of establishments	No. 17	No. 5	No. 22

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

	England	Scotland	Great Britain
Output of firms in this trade	£'000	£'000	£'000
Total value of sales (see Table 23)	3,838	715	4,554
Adjustment for changes in stocks and work in progress	+ 52	+ 7	+ 58
	3,890	722	4,612
Less payment for transport by other firms	192	43	235
Gross output (production)	3,698	679	4,377
Materials and fuel used by firms in this trade			
Purchases (see Table 24)	2,136	398	2,534
Adjustment for changes in stocks	- 18	- 4	- 22
Materials and fuel used	2,118	394	2,512

TABLE 22 - Summary: Small firms

Owing to the risk of disclosure of information relating to individual firms, this table cannot be given. For information relating to Great Britain as a whole, see Table 2.

Sales in the trade
Larger establishments

TABLE 23

	England			Scotland			Great Britain		
	Quantity		Value	Quantity		Value	Quantity		Value
	Th. sq. yds.	Th. cwt.	£'000	Th. sq. yds.	Th. cwt.	£'000	Th. sq. yds.	Th. cwt.	£'000
Principal products									
Felts for roofing (including sarking and sheathing felts)									
Paper felts									
Bituminous self-finished felts	51,007	1,198	2,030	7,860	177	304	58,867	1,376	2,334
Tarred or sanded or similar finish felts	..	..	(a)	..	..	(a)	1,728	61	55
Tarred flax or jute felts	7,039	94	338	-	-	-	7,039	94	338
Other roofing felts	..	..	(a)	..	..	(a)	9,379	238	408
Dampcourses and similar fabrics; felt base for manufacture into floor covering and impregnated felts for covering floors	13,555	351	605	3,153	105	209	16,708	456	815
Waste products	..	..	4	..	..	1	..	..	5
Work done for customers (fixing felts, etc.) (b)			90			-			90
Total principal products			3,419			626			4,045
Other output									
Felts' including hair felts, other than impregnated felts for roofing and floor covering							4,446	69	257
Bituminous paints and enamels	..	..	(a)	..	..	(a)		18	46
Other bituminous composition								91	92
Other goods								..	114
Total			3,838			715			4,554

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

Purchased materials and fuel
Larger establishments

TABLE 24

	England		Scotland		Great Britain	
	Quantity	Cost	Quantity	Cost	Quantity	Cost
	Th. cwts.	£'000	Th. cwts.	£'000	Th. cwts.	£'000
Materials						
Flax and jute waste	50	85	-	-	50	85
Jute cloth and bags	55	336	12	97	67	433
Felt paper, untarred	417	712	59	100	476	813
Coal-tar pitch	..	(a)	..	(a)	48	16
Coal tar	35	9	-	-	35	9
Rosin (colophony)	..	(a)	..	(a)	4	7
Bitumens and asphalts	1,206	551	225	111	1,431	662
Cowhair	..	(a)	..	(a)	14	42
Packing materials	..	111	..	21	..	132
All other purchased materials	..	194	..	40	..	234
Fuel and electricity					Th. tons	
Coal	..	(a)	..	(a)	9.8	29
Coke	..	(a)	..	(a)	3.9	14
Electricity purchased (b)	Th. B.T.U. (kW. hrs.) 3,073	12	Th. B.T.U. (kW. hrs.) 543	3	Th. B.T.U. (kW. hrs.) 3,616	15
Motor spirit (petrol) and derv. fuel	Th. galls.		Th. galls.		Th. galls.	
Used for road vehicles	..	(a)	..	(a)	62	5
Used for other power purposes	9	-	-	-	9	-
Other oil fuel (including creosote/pitch mixtures)	..	(a)	..	(a)	361	14
Gas purchased					Th. therms.	
From public supply	..	(a)	..	(a)	569	22
From other sources	-	-	-	-	-	-
Gas obtained from other works under the same ownership	-	-	-	-	-	-
All other purchased fuel	..	1	..	-	..	1
Total		2,136		398		2,534

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

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

Employment and remuneration
Larger establishments

TABLE 25

	England			Scotland			Great Britain		
	Average number of operatives	Admin-istrative, technical and clerical employees (a)	Total	Average number of operatives	Admin-istrative, technical and clerical employees (a)	Total	Average number of operatives	Admin-istrative, technical and clerical employees (a)	Total
Males									
Under 18	35	10	45	5	-	5	40	10	50
All ages	954	226	1,180	195	24	219	1,149	250	1,399
Females									
Under 18	2	19	21	3	1	4	5	20	25
All ages	94	84	178	15	13	28	109	97	206
Total									
Under 18	37	29	66	8	1	9	45	30	75
All ages	1,048	310	1,358 (b)	210	37	247 (b)	1,258	347	1,605 (b)
Total remuneration	£'000	£'000	£'000	£'000	£'000	£'000	£'000	£'000	£'000
	354	170	524	62	12	74	416	182	598

(a) Number at September 25, 1948.

(b) The employers' share of contributions to all National Insurance Schemes payable during the year in respect of these workers amounted to a total of £14,000; £11,000 for England, and £2,000 for Scotland.

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

TABLE 26

Month	Monthly index (a)			Month	Monthly index (a)		
	England	Scotland	Great Britain		England	Scotland	Great Britain
1948				1948			
January	100.9	99.5	100.6	August	97.7	96.2	97.4
February	98.8	101.0	99.3	September	98.5	99.5	98.7
March	100.3	99.5	100.1	October	97.4	106.7	99.7
April	104.7	101.0	103.8	November	99.5	98.6	99.3
May	105.0	101.4	104.1	December	98.9	102.4	99.8
June	100.6	98.1	100.0	Percentage employ- ment in this trade covered by the index	63.0	100.0	69.1
July	98.3	95.7	97.7				

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

TABLE 25

Year	England		Scotland		Great Britain	
	Total	Administrative, technical and operative employees (a)	Total	Administrative, technical and operative employees (a)	Total	Administrative, technical and operative employees (a)
1945	1,000	1,000	1,000	1,000	1,000	1,000
1946	1,000	1,000	1,000	1,000	1,000	1,000
1947	1,000	1,000	1,000	1,000	1,000	1,000
1948	1,000	1,000	1,000	1,000	1,000	1,000
1949	1,000	1,000	1,000	1,000	1,000	1,000
1950	1,000	1,000	1,000	1,000	1,000	1,000
1951	1,000	1,000	1,000	1,000	1,000	1,000
1952	1,000	1,000	1,000	1,000	1,000	1,000
1953	1,000	1,000	1,000	1,000	1,000	1,000
1954	1,000	1,000	1,000	1,000	1,000	1,000
1955	1,000	1,000	1,000	1,000	1,000	1,000
1956	1,000	1,000	1,000	1,000	1,000	1,000
1957	1,000	1,000	1,000	1,000	1,000	1,000
1958	1,000	1,000	1,000	1,000	1,000	1,000
1959	1,000	1,000	1,000	1,000	1,000	1,000
1960	1,000	1,000	1,000	1,000	1,000	1,000

Employment and remuneration of larger establishments

TABLE 26

Month	1945		1946		1947		1948		1949		1950	
	England	Scotland	England	Scotland	England	Scotland	England	Scotland	England	Scotland	England	Scotland
January	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
February	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
March	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
April	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
May	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
June	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
July	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
August	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
September	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
October	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
November	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
December	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

The index numbers are calculated from the number of operatives employed for one week in each month returned by larger establishments that made returns for the calendar year 1945.

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