

BOARD OF TRADE

FINAL REPORT on the CENSUS OF PRODUCTION FOR 1948

Volume 12

Trade H

WATER UNDERTAKINGS



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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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 Od. NET

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THIS REPORT on Water Undertakings relates to establishments purifying and distributing water. It does not cover private water works maintained by establishments primarily for their own use.

This trade corresponds to mini Industrial Classification.

The value of any work of new construction carried out by employees of water undertakings is included in gross output, and the 1935 figures originally published have been correspondingly revised.

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

WATER UNDERTAKINGS

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12/H/1

WATER UNDERTAKINGS TRADE

This trade corresponds to minimum list heading 212 in the Standard

GAS, ELECTRICITY AND WATER WATER UNDERTAKINGS Summary

Larger undertakings

TABLE I

		1948 (a)		A State	1935 (b)	
	Companies	Local Authorities	Total	Companies	Local Authorities	Total
Gross output (production) (c)	£'000 9,248	£'000 35,151	ଛ' ୦୦୦ 44, 399	£1000 5,693	£'000 22,529	£'000 28,222
Cost of materials and fuel used	2,303(d)	6,777(d)	9,079(d)	798	2,848	3,646
Payment for work done on materials given out	-	-	_	•		••
Net output	6,946	28,374	35, 320	4,895	19,681	24,576
Wages and salaries of persons employed	2,557 No.	8,875 No.	11,432 No.	No.	No.	No.
Average number of persons employed	7,625(e)	26,247(e)	33,872(e)	7,040 £	24,934	31,974 £
Net output per person employed	911	1,081	1,043	695	789	769
Stocks at end of year	£'000	£1000	£'000	£' 000	£1000	£'000
Materials and fuel	971	3,775	4,746		••	
Number of undertakings	No. 77	No. 258	No. 335	No. 84	No. 288	No. 372

(a) Great Britain only.
(b) United Kingdom.
(c) Derived as -follows: -

		1948		1935			
	Companies	Local Authorities	Total	Companies	Local Authorities	Total	
	£1000	£1000	£'000	£'000	£'000	£'000	
Value of water supplied (see Table 8)	8,191	31,156	39,347	4,997	20, 291	25, 288	
Amount charged for work done for consumers and for other undertakings (see Table 8)	307	781	1,088	111	270	381	
Value of work of new construction (see Table 8)	751	3,213	3,964	585	1,968	2, 553	
Gross output (production)	9,248	35,151	44,399	5,693	22, 529	28,222	

		1948				
	Companies	Local Authorities	Total			
Total value of purchases (see Table 13)	£'000 2,391	£'000 7,136	· £'000 9,527			
Adjustment for stocks (see Table 14)	- 88	- 359	- 448			
Materials and fuel used	2,303	6,777	9,079			

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

TABLE 2

	Companies	Local Authorities	Total				
Number of returns	69	578	647				
Average number of persons employed	1-1-0-00	entre de la contre					
Males	284	2,892	3,176				
Females	17	45	62				
Total	301	2,937	3,238				
Estimated average employment, 1948							
All undertakings in Great Britain							
TABLE 3							
2.2013 - 200 3 1 730 A 8.444	Companies	Local Authorities	Total				
As returned by undertakings		5					
Employing on average more than ten persons (a)	7,625	26,247	33,872				
Employing on average ten persons or less (b)	301	2,937	3,238				
	7,926	29,184	37,110				
Estimated average employment in under- takings not making satisfactory returns	20	160	180				
Estimated average employment in all undertakings	7,946	29,344	37,290				

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

TABLE 4

Average	lindon	Gross	Net	Persons	a contract, a	Remuneration	1	Net output
number employed	Under- takings	output	output	employed	Wages Salaries		Total	per person employed
11-24	No. 115	£'000 2,619	£'000 1,707	No. 1,985	ຊ ່ 000 456	£'000 166	£'000 622	£ 860
25-49	92	4,019	2,924	3,164	733	287	1,020	924
50-99	60	5,305	4,139	4,238	971	367	1,338	977
100-199	33	6,148	4,712	4,547	1,101	407	1,508	1,036
200-299	14	4,404	3,428	3,335	808	236	1,044	1,028
300-399	9	3,845	2,945	3,091	723	311	1,034	953
400-499	5	2,698	2,119	2, 165	523	162	685	979
500 and over	7	15, 361	13, 345	11, 347	2,987	1, 192	4,180	1,176
Total	335	44, 399	35, 320	33,872	8,303	3, 129	11,432	1,043

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WATER UNDERTAKINGS

Summary, 1948

Small undertakings in Great Britain

Analysis by size, 1948 Larger undertakings in Great Britain

Analysis by standard region, 1948 Larger undertakings in Great Britain

TABLE 5

· · · · · · · · · · · · · · · · · · ·	Under-	Gross	Net o	output	Persons		Remuneration	
Region	takings	output	Value	Percentage of total	employed	Wages	Salaries	Total
England	No.	000 ا£	£1000		No.	£1000	£1000	£1000
Northern	14	2,284	1,825	5.2	1,888	425	169	594
East and West							Cologia -	
Ridings of Yorkshire	27	4, 184	3,370	9.5	2,759	694	186	881
North Midland	27	2, 332	1,474	4.2	1,549	370	145	515
Eastern	29	3,096	2,362	6.7	2,401	564	268	832
London and South Eastern	52	12,635	10,510	29.8	9,727	2, 502	1,090	3, 592
Southern	27	2,066	1,528	4.3	1,812	443	158	602
South Western	30	1,958	1,509	4.3	1,459	325	143	467
Midland	22	4,003	3,107	8.8	2,995	723	296	1,019
North Western	48	7,038	5,812	16.5	5,017	1,244	393	1,636
Total England	276	39,595	31,497	89.2	29,607	7,290	2,849	10, 139
Wales	33	1,709	1,326	3.8	1,591	360	136	496
Scotland	26	3,094	2, 497	7.1	2,674	653	144	797
Great Britain	335	44, 399	35, 320	100.0	33,872	8,303	3, 129	11,432

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

Larger undertakings in Great Britain

TABLE 7 - Total make of intermediate products: Larger undertakings

These tables are not applicable to the trade.

TABLE 8

Water supplied

Water sold to other water undertaking

Companies Local Authorities

Total

Other water supplied

Sold

For public purposes (e.g., street watering, public baths, etc.)

Companies

Metered Not metered

Local Authorities

Metered Not metered

Total

For trade and domestic purposes (including municipal trading departments)

Companies

Metered Not metered

Local Authorities

Metered Not metered

Total

Water supplied for unclassified purposes, including some water supplied free

Companies Local Authorities

Total

Supplied free (e)

Companies Local Authorities

Total

Total water supplied

Companies Local Authorities

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Total

12/H/4

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WATER UNDERTAKINGS

Water supplied and work done by employees of Water Undertakings (a)

		1948(b)		1935(c)			
	Quantity	Value (d)	Entries	Quantity	Value (d)		
;S	Mill. galls.	£'000	No.	Mill. galls.	£'000		
	5,061 56,298	232 2, 234	48 155	2,270 34,511	80 1,247		
	61,359	2,466	203	36,781	1, 327		
		2017 2215			ne rostro 11. roste 12. roste 12. roste		
	628 1,104	37 66	29 10	} 757	42		
	5,036 1,413	281 68	104 59	7,368	302		
	8,181	452	••:	8,125	344		
	21,281 26,266	1,442 1,495	40 29	} 75,247	4,713		
x - and the	114,609 82,901	6,679 4,199	167 129	394,754	18,684		
	245,057	13,816	••	470,001	23, 397		
	67, 384 315, 650	4,918 17,695	66 175	2,398 1,404	162 58		
	383,034	22,613	241	3,802	220		
	86 7,847		13 63	558	nadak) Tenel		
	7,933		76	558	No. CARL		
	121,810 583,753	8,191 31,156	77 258	80,672 438,595	4,997 20,291		
	705,563(f)	39,347	335	519,267(f)	25, 288		

TABLE 8 (contd.)

12/H/6

	1948 (b)	1935 (c)	
	Amount charged	Entries	Amount charged
Work done for consumers, for which a direct charge was made	£1000	No.	£'000
Laying and fixing pipes, fixing meters and fittings (exclusive of cost of meters and fittings)			inn an an The Annual States
Companies Local Authorities	209 540	66 206	91 178
Other work for which a direct charge was made to consumers			Hat
Companies Local Authorities	59 160	33 133	20 92
Unclassified			
Companies Local Authorities	32 72	9 18	-
Work done (other than for consumers) for which a direct charge was made (e)			
Companies Local Authorities	6 9	••	-
Total work done, for which a direct charge was made			
Companies Local Authorities	307 781	••	111 270
Total	1,088	••	381
	Value (g)		Value (g)
New construction (including enlargement of existing buildings, etc.)	٤' ٥٥٥		£' 000
Of reservoirs, wells, aqueducts and conduits	5 9 2 2. 7 4 3 6	isea istei anti Indine, start	
Companies Local Authorities	31 460	27 50	503(h) 1,879(h)
Of trunk, distributing and service mains	5		
Companies Local Authorities	630 2,585	74 225) (1)
Of buildings		, <i>1</i> 22.3	andrea Londa
Companies Local Authorities	42 99	30 58	56 39
Of machinery and plant			and hogen
Companies Local Authorities	49 68	33 60	26 50

TABLE 8 (contd.)

New construction (including enlargement existing buildings, etc.) (contd.)

Total value of new construction, etc. work done

Companies Local Authorities

Total

Total value of water supplied, work don which a direct charge was made, and ne construction work done

Companies

Local Authorities

Total

Repair and maintenance

Of reservoirs, wells, aqueducts and conduits

Companies Local Authorities

Of trunk, distributing and service ma

Companies Local Authorities

Of buildings

Companies Local Authorities

Of machinery and plant

Companies Local Authorities

Work done for consumers for which no di charge was made

Companies Local Authorities

Other work

Companies Local Authorities

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WATER UNDERTAKINGS

	1948 (b)		1935 (c)			
	Value (g)	Entries	Value (g)			
tof	£'000	No.	£1000			
•						
	751 3,213		585 1,968			
	3,964	••	2, 553			
ne for ew		" 				
	9,248 35,151	77 258	5,693 22,529			
	44, 399	335	28,222			
		a sti mesotari a u u u				
	152 917	53 217	305(j) 1,572(j)			
ains	330 1,878	74 256	} (k)			
	133 252	62 162	55 93			
	285 859	70 204	104 227			
lirect	50 183	30 101	20 47			
	4 29	5 15	124 186			

TABLE 8 (contd.)

	1948 (t	1935 (c)	
and the second and the second	Value (g)	Entries	Value (g)
Total value of repair and maintenance, etc. work done	£' 000	No.	£' 000
Companies Local Authorities	954 4,117	••	608 2,125
Total	5,071	••	2,733
Total water supplied and work done by employees of Water Undertakings			
Companies Local Authorities	10,202 39,267	77 258	6,301 24,654
Total	49,470	335	30,955

(a) The figures shown in this table exclude work of construction, alteration, repair and maintenance of water works (reservoirs, acqueducts, wells, mains and hydraulic works) carried out by firms and undertakings which made returns on schedules for other trades. These particulars will be shown in a later summary volume.

(b) Great Britain only.

(c) United Kingdom.

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(d) These figures represent the net amount charged, less discounts, whether the charge was levied by rate, or rent, or in any other way: they exclude transfers from local rates to meet deficiencies in the income of the undertakings. Meter rents are included in 1948 but not in 1935.

(e) So far as recorded separately.

(f) These figures include duplication to the extent to which water was sold to other undertakings employing an average of more than ten persons and was redistributed by them; the quantity so included in 1948 was 54,404 million gallons (see Table 13) and in 1935 was 25,441 million gallons.

(g) The values represent sums calculated to cover wages, salaries and cost of materials used, together with an allowance for general establishment charges.

- (h) Including work of new construction of trunk, distributing and service mains.
- (1) Included with new construction of reservoirs, wells, aqueducts and conduits.
- (j) Including repair and maintenance of trunk, distributing and service mains.

(k) Included with repair and maintenance of reservoirs, wells, aqueducts and conduits.

TABLE 9 - Sales (or production) of principal products of the trade by establishments classified to other trades: Larger undertakings

TABLE 10 - Sales (or production) in the trade of other than principal products: Larger undertakings

TABLE II - Analysis of sales, 1948: Larger undertakings in Great Britain

TABLE 12 - Production, exports and imports of certain principal products

These tables are not applicable to the trade.

TABLE 13

Materials

Water purchased from other undertak:

Companies Local Authorities

Total

Purifying agents

Water softening materials (d)

Materials for building and construc

Water pipes (including valves, et

Iron and steel (other than water

Other metals and metal alloys (le solder, etc., and fittings other pipes) (d)

Cement

Bricks

Other buildings, etc. materials

Consumable tools and replacement pa undertakings' own machinery (d)

Repair and workshop materials (d)

All other purchased materials

Total materials other than water

Companies Local Authorities

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Total

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WATER UNDERTAKINGS

Purchased materials and fuel

Larger undertakings

	112				
	·	. 1948 (a	a)	1935 (b)
		Materials fuel purch		Usage of pur materials a	
		Quantity	Cost	Quantity	Cost
		Mill. galls.	ଛ' 000	Mill. galls.	£1000
xings				and est Autoert theory	
		8,383 46,021	234 1, 608	1,364 24,077	34 746
		54,404	1,843	25, 441	780
		Th. tons	in a star	analisana katala	
		41	316		rte.
		14	61		
ctional work		Contraction Contraction	CILLER OF STORY		
tc.)	{	76 ••	1,949 422	and the second	Jarrett.
pipes)	{	2	93 32		
ead, tin,		. 100		>	2,030(c)
r than water		••	153		2,030(C)
		9	35		
		Mill. 4.0	28		
		••	244	1	
arts for			423		
			173	1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.	0741
A Martines			545	Lo L da	
	,		1,030 3,444		496 . 1,534
			4,473		2,030

TABLE 13 (contd.)

12/H/10

agent datas	1948 (a) Materials and fuel purchased		1935 (b)	
			Usage of pu materials a	
	Quantity	Cost	Quantity	Cost
the manual as relatively the second state of t	Th. tons	000 ا£	Th. tons	٤'000
Fuel and electricity				
Coal				
Companies Local Authorities	121.8 253.5	362 833	115.7 320.8	122 338
Coke			enza Automotive	
Companies Local Authorities	12.6 19.6 Th. B.T.U.	36 66	11.6 18.4	14 24
Electricity purchased (e)	(kW.hrs.)		Th. B.T.U. (kW.hrs.)	
From public supply From other sources	361,542 1,022	1,373 3	> 95,075	238
Electricity obtained from other works under the same ownership		111124		200
Total, electricity		e lanether to	internet and a	reniti liinen
Companies Local authorities	121, 388 241, 177	444 932	31, 292 63, 783	67 171
Motor spirit (petrol) and derv. fuel	Th. galls.		Th. galls.	
Used for road vehicles	1,167	109		(0)
Used for other power purposes	1, 521	68	••	(f)
Total, motor spirit				interfit
Companies Local Authorities	1, 301 1, 387	70 107	••	(f)
Other oil fuel (including creosote/pitch mixtures)	14 miles -			
Companies Local Authorities	3,717 2,934	191 125	3,339 1,826	65(g) 35(g)
Gas purchased	Th. therms			
Companies Local Authorities	262 745	13 15		
Gas obtained from other works under the same ownership	_	_	••	(f)
All other purchased fuel	••	17		

TABLE 13 (contd.)

Fuel and Electricity (contd.) Total fuel and electricity

> Companies Local Authorities

Total materials, fuel and electricity

Companies Local Authorities

Total

- (a) Great Britain only.
- (b) United Kingdom.
- (c) Including fuel not specified separately.
- (d) So far as recorded separately.
- generated in the same works.
- (f) Not recorded separately.
- (g) Described as "Heavy fuel oil".

TABLE 14 Compar £'00 Materials and fuel 8 DS 13474/1

WATER UNDERTAKINGS

12/H/11

1	1948 ((a)	1935 (b) Usage of purchased materials and fuel				
	Materials fuel purch						
	Quantity	Cost	Quantity	Cost			
		£1000		£1000			
	and the state	1,127 2,084		268 568			
		2, 391 7, 136	-	798 2,848			
		9, 527		3, 648			

(e) The total quantity of electricity consumed in 1948 was 410, 118,000 B.T. units including 47, 553,000

Stocks of materials and fuel, 1948 Larger undertakings in Great Britain

At beginning of year				At end of year	
nies	Local Authorities	Total	Companies	Local Authorities	Total
00	£'000	£' 000	£'000	£'000	£1000
82	3,416	4,298	971	3,775	4,746

Employment and remuneration (a)

Larger undertakings

(i) Companies

TABLE 15

12/H/12

	the second second second second second					
	Average n operat		Administrativ and clerical	ve, technical employees (b)	Total	
	1948 (c)	1935 (d)	1948 (c)	1935 (d)	1948 (c)	1935 (d)
Males				100		
Under 18	72	61	46	53	118	114
All ages	5,555	5,556	1,507	1,267	7,062	6,823
Females						
Under 18		-	78	14	78	14
All ages	* 78	49	485	168	563	217
Total						
Under 18	72	61	124	67	196	128
All ages	5,633	5,605	1,992	1,435	7,625(e)	7,040
	٤' 000		£1000		£1000	ningforda (m)
Total remuneration	1,732	. ••	825	••	2 , 557	••

(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	- males	13	females	
Other workers	19 males	1	female	

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

(c) Great Britain only.

(d) United Kingdom.

(e) The employers' share of contributions to all National Insurance Schemes payable during the year in respect of these workers amounted to £65,000.

TABLE 15 (contd.)

	Average n operat		Administrative, technical and clerical employees (b)		Total		
	1948 (c)	1935 (d)	1948 (c)	1935 (d)	1948 (c)	1935 (d)	
Males	1						
Under 18	145	169	121	101	266	270	
All ages	20,959	20,899	4,405	3, 535	25, 364	24, 434	
Females						haans	
Under 18	3	-	78	18	81	18	
All ages	157	140	726	360	883	500	
Total	-					42.1	
Under 18	148	169	199	119	347	288	
All ages	21, 116	21,039	5, 131	3, 895	26, 247 (e)	24,934	
	٤'000		£'000		£'000		
Total remuneration	6, 571		2, 304		8,875	1.00 P	

(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):-

Canteer

- (b) Number at September 25, 1948, and October 12, 1935,
- (c) Great Britain only.
- (d) United Kingdom.

WATER UNDERTAKINGS

Employment and remuneration (a)

Larger undertakings

(11) Local Authorities

Canteen workers	1 male	10 females
Other workers	99 males	4 females

(e) The employers' share of contributions to all National Insurance Schemes payable during the year in respect of these workers amounted to £236,000.

Employment and remuneration (a)

Larger undertakings

(lii) Companies and Local Authorities

TABLE 15 (contd.)

12/H/14

2000	Average number of operatives		Administrativ and clerical	re, technical employees (b)	Total	
(c) 2445 (c)	1948 (c)	1935 (d)	1948 (c)	1935 (d)	1948 (c)	1935 (d)
Males				· · · ·		
Under 18	217	230	167	154	384	384
All ages	26, 514	26,455	5,912	4,802	32, 426	31,257
Females						ing last of 1
Under 18	3	- 85	156	32	159	32
All ages	235	189	1, 211	528	1,446	717
Total						
Under 18	220	230	323	186	543	416
All ages	26,749	26,644	7, 123	5,330	33,872(e)	31,974
	£1000		£'000		£1000	
Total remuneration	8,303		3, 129	••	11,432	intes!

(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	23	females
-------------------	------	----	---------

Other workers 118 males 5 females

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

- (c) Great Britain only.
- (d) United Kingdom.

(e) The employers' share of contributions to all National Insurance Schemes payable during the year in respect of these workers amounted to £301,000.

TABLE 16

		Und	iertakings m	aking retur	ns for the	calendar yea	r .
act is	Amount paid	- Interative	Perc	entage of a	nnual remun	eration paid	l in
	by all under- takings	inder- paid	First quarter	Second quarter	Third quarter	Fourth quarter	Year
	\$1000	ଛ' ୦୦୦				and street a	and the second
Wages and salaries of							
Operatives	1,732	1,311	23.1	24.2	26.1	26.6	100.0
Administrative, technical and		TON	·	111/28	BAG VELLO	Manual and	anta Ng
clerical employees	825	645	24.2	24.7	25.4	25.7	100.0
Total	2, 557	1,955	23.5	24.3	25.9	26.3	100.0
(a) Including bonus and commission payments.							

Wages and salaries paid, 1948 (a) Larger undertakings in Great Britain

TABLE 16 (contd.)

	Amount	Undertakings making returns for the year ended March, 1949					
	Amount paid	Amount	Perce	entage of a	nnual remun	eration pair	d in
	by all under- takings	der- paid	First quarter	Second quarter	Third quarter	Fourth quarter	Year
	£'000	£'000			2		
Wages and salaries of				anton el	05.5	05.4	100.0
Operatives	6,571	5,668	23.7	25.4	25.5	25.4	100.0
Administrative, technical and clerical employees	2,304	2,091	24.6	25.0	25.1	25.2	100.0
Total	8,875	7,759	24.0	25.3	25.4	25.3	100.0
(a) Including bonus and	commission pa	yments.					

TABLE 17 - Payments for work done on materials given out, 1948 Larger undertakings in Great Britain

WATER UNDERTAKINGS

Wages and salaries paid, 1948 (a) Larger undertakings in Great Britain

(i) Companies

(11) Local Authorities

No payments for work done on materials given out were recorded.

GAS. ELECTRICITY AND WATER Payments for certain services, 1948 Larger undertakings in Great Britain

TABLE 18

The first of the set of an entry of the set		Amount paid	TABLE 16
	Companies	Local Authorities	Total
	£1000	£1000	£'000
Repair and maintenance			Allen Long and a month
Of buildings	41	121	162
Of plant, machinery and vehicles	79	149	228
Unclassified	20	372	392 .
Hire of plant, machinery and vehicles	25	136	162
Advertising and market research	sat nameg	otes.house.as.s.	ded galaciant (a)
Advertising in newspapers, magazines and periodicals	2	11	14
Other advertising services (poster display, despatch of circulars, etc.) and market research	sine and sole isteriates	18	19
Unclassified	1001 (11) .	3	4
Payments made for research work	N STR		TABLE LA (contd
To research associations	2	4	5
To universities, institutions, academic bodies and similar agencies	1	3	4
To other commercial concerns	4	5	9
Postage, telephone, telegrams and cables	51	112	163
Commercial insurance premiums	42	52	94
Rates (excluding water rates) payable in the year	1, 120	4, 287	5,407
Rates (including water rates) payable in the year	100-1	484	485
0.001 1.55.5 . 35.5 . 1.36.		178.8	- fendit internet

Plant, machinery and vehicles acquired and disposed of, 1948 Larger undertakings in Great Britain

TABLE 19

	Acquisitions							Disposal s		
		New		0.0105000	Second-hand					
TEOLE IN	Companies	Local Authorities	Total	Companies	Local Authorities	Total	Companies	Local Authorities	Total	
rteata	£! 000	£1000	á' 000	£' 000	£1000	£'000	£' 000	£1000	£' 000	
Plant and machinery	1, 297	4,765	6,062	10	81	90	21	32	53	
Vehicles	34	84	118	9	25	34	4	8	13	
Total	1,331	4,849	6, 180	18	106	124	25	41	66	

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

TABLE 20

	Companies	Local Authorities	Total
	2000 ع	£1000	21000
Capital expenditure on building work (a)	407	3, 225	3,632
Existing buildings and land (b)			ber on elamina
(1) Capital cost of freeholds bought	60	92	152
Estimated capital value of	il inter and the		Hilf-Hode 10 county
(11) Rented property newly occupied in the year (c)	9	52	61
(111) Leasehold buildings and land newly occupied in the year	_	27	27
Total of heading 2	69	171	240
Total of headings 1 and 2	476	3, 396	3,872
Existing buildings and land relinquished (d)	an the seat	nin foullotue di	intio autor totor
(1) Selling value of freeholds sold	8	41	49
(11) Estimated value of other properties relinquished		62	62
Total of heading 3	8	10 3	111
Headings 1 and 2 less heading 3	468	3, 293	3,761
	Capital expenditure on building work (a) Existing buildings and land (b) (1) Capital cost of freeholds bought Estimated capital value of (11) Rented property newly occupied in the year (c) (111) Leasehold buildings and land newly occupied in the year Total of heading 2 Total of heading 1 and 2 Existing buildings and land relinquished (d) (1) Selling value of freeholds sold (11) Estimated value of other properties relinquished	Comparies S'000 Capital expenditure on building work (a) Existing buildings and land (b) (1) Capital cost of freeholds bought Estimated capital value of (11) Rented property newly occupied (11) Rented property newly occupied (11) Leasehold buildings and land newly occupied in the year Total of heading 2 69 Total of headings 1 and 2 476 Existing buildings and land relinquished (d) (1) Selling value of freeholds sold 8 (11) Estimated value of other properties relinquished - Total of heading 3	CompaniesAuthoritiesCompaniesAuthoritiesAuthorities\$'000Capital expenditure on building work (a)407Existing buildings and land (b)407(1) Capital cost of freeholds bought60(1) Capital cost of freeholds bought60(11) Rented property newly occupied in the year (c)9(11) Leasehold buildings and land newly occupied in the year-Total of heading 269Total of heading 1 and 2476(1) Selling value of freeholds sold8(11) Estimated value of other properties relinquished-Companies-62-Total of heading 38103-

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WATER UNDERTAKINGS

12/H/17

Larger undertakings in Great Britain

(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.

GAS, ELECTRICITY AND WATER COUNTRY TABLES WATER UNDERTAKINGS

1948

Note - There were no larger Water Undertakings operated by companies in Scotland in the register for this trade.

Summary Larger undertakings (i) Companies

TABLE 21

21000 21000 21000 21000 21000 21000	England	Wales	Great Britain
	000 ت	٤'000	£1000
Gross output (production)	9,076	172	9,248
Cost of materials and fuel used	2, 259	44	2,303
Payment for work done on materials given out		-	
Net output	6,818	128	6,946
Wages and salaries of persons employed	2,501	56	2,557
	No.	No.	No.
Average number of persons employed	7,434	191	7,625
Net output per person employed	£ 917	£ 670	â 911
Stocks at end of year	£'000	£'000	٤'000
Materials and fuel	959	12	971
Number of undertakings	No. 72	No. 5	No. 77

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

	England	Wales	Great Britain			
	£'000	£1000	£'000			
Output of undertakings in this trade	. 6 mil 6 anni	raj je tidut				
Total value of water supplied, work done for	(b) hais uprit is	r knex kaş sastki	te Estation ou			
which a direct charge was made, and new construction work done (see Table 23)	9,076	172	9,248			
Materials and fuel used by undertakings in this		baartapatora				
trade	3 minant 1	interior .				
Purchases (see Table 24)	2,347	44	2,391			
Adjustment for changes in stocks	- 88	-	- 88			
Materials and fuel used	2,259	44	2,303			
	<u> </u>	at a construction of the second	and the second second			

TABLE 21 (Contd.)

Gross output (production) Cost of materials and fuel used Payment for work done on materials g Net output Wages and salaries of persons employe Average number of persons employed

Net output per person employed

Stocks at end of year

Materials and fuel

Number of undertakings

Output of undertakings in this trade Total value of water supplied, work for which a direct charge was made new construction work done (see T Materials and fuel used by undertaking this trade Purchases (see Table 24)

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WATER UNDERTAKINGS COUNTRY TABLES

Summary

Larger undertakings

(ii) Local Authorities

		and the second second second second	1	
200	England	Wales	Scotland	Great Britain
	٤'000	000 ئ	£1000	£1000
100	30,519	1, 538	3,094	35,151
	5, 840	340	597	6,777
given out	-	-	-	-
	24, 679	1, 198	2, 497	28, 374
Jed	7,638	440	797	8,875
	No. 22, 173	No. 1,400	No. 2,674	No. 26,247
	£	£	£	£
	1, 113	856	934	1,081
	£1000	£1000	£1000	£1000
	3, 216	168	391	3,775
1100 873 0974 	No. 204	No. 28	No. 26	No. 258

and fuel used a	re derived in	the following w	lay:-
England		And the state of the	A REAL PROPERTY AND A REAL
0	Wales	Scotland	Great Britain
£'000	£1000	£1000	000 ئ
18		areas corres a postes work of	
30,519	1, 538	3,094	35, 151
	Table in the	tes sensitivitation	in restautions
6, 141	350	645	7,136
- 301	- 10	- 48	- 359
5, 840	340	597	6,777
	30, 519 6, 141 - 301	30, 519 1, 538 6, 141 350 - 301 - 10	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$

GAS, ELECTRICITY AND WATER COUNTRY TABLES

Summary

Larger undertakings

(iii) Companies and Local Authorities

TABLE 21 (contd.)

		and the second design of the s		
	England	Wales	Scotland	Great Britain
the second second	£1000	£'000	£1000	£1000
Gross output (production)	39, 595	1, 709	3,094	44,399
Cost of materials and fuel used	8,099	384	597	9,079
Payment for work done on materials given out	-	-	-	_
Net output	31,497	1,326	2,497	35,320
Wages and salaries of persons employed	10,139	496	797	11,432
Average number of persons employed	No. 29,607	No. 1,591	No. 2,674	No. 33, 872
Net output per person employed	£ 1,064	£ 833	દ. 934	£ 1,043
Stocks at end of year	000 ء	£1000	£'000	£'000
Materials and fuel	4, 175	180	391	4,746
Number of undertakings	Nc. 276	No. 33	NO. 26	No. 335
The values of gross output and of materials an	nd fuel used ar	e derived in the	ne following wa	y: -
- and antikulate subtratives and the	England	Wales	Scotland	Great Britain
and a grant and a second s	٤'000	£'000	£'000	£'000
Output of undertakings in this trade		•		
Total value of water supplied, work done for which a direct charge was made, and new construction work done (see Table 23)	39,595	1,709	3,094	44,399
				and the second

8,488

- 389

8,099

Number of returns

Average number of persons employed

Males

TABLE 22

Females

Total

TABLE 22 (contd.)

Number of returns

Average number of persons employed

Males

Females

Total

TABLE 22 (contd.)

Number of returns

Average number of persons employed

Males

9,527

- 448

9,079

645

597

- 48

394

384

- 10

Females

Total

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this trade

Materials and fuel used by undertakings in

Adjustment for changes in stocks

Materials and fuel used

Purchases (see Table 24)

12/H/20

Shipper that

WATER UNDERTAKINGS COUNTRY TABLES

Summary

Small undertakings

(i) Companies

2	England	Wales	Scotland	Great Britain
ja	65	4	-	69
	271	13	Long ba	284
	17		-	17
	288	13		301

(ii) Local Authorities

England	Wales	Scotland	Great Britain
397	37	144	578
2,069	227	596	2, 892
31	1	13	45
2, 100	228	609	2,937

(iii) Companies and Local Authorities

. 4	England	Wales	Scotland	Great Britain
	462	41	144	647
	2, 340 48	240	596 13	3, 176 62
	2, 388	241	609	3, 238

GAS, ELECTRICITY AND WATER COUNTRY TABLES

Water supplied and work done by employees of Water Undertakings

TABLE 23

		alastra kaur	Le a presidente de la composición de la				TABLE 23 (cont
	England a	nd Wales	Scotl	and	Great	Great Britain	
	Quantity	Value (a)	Quantity	Value (a)	Quantity	Value (a)	
	Mill.galls.	£'000	Mill.galls.	£1000	Mill.galls.	£1000	
Water supplied						1104	Water supplied (
Water sold to other water undertakings						and the same	Other water sup
Companies Local Authorities	5,061 53,702	232 2, 168	- 2, 596	- 66	5,061 56,298	232 2 , 234	Supplied fre Companies
Total	58,763	2,400	2, 596	66	61,359	2,466	Local Auth
Other water supplied							Total
Sold							Total water su
For public purposes (e.g., street				•			Companies Local Author
watering, public baths, etc.)	and 1976	al est teams	0.0				Total
Companies							
Metered Not metered	628 1,104	37 66		Ξ	628 1, 104	37 66	Work done for co which a direct made
Local Authorities							Laying and fix
Metered Not metered	4,280 1,390	249 67	756 23	32 1	5,036 1,413	281 68	fixing meters (exclusive of meters and fi
Total	7,402	419		33	8, 181	452	Companies
For trade and domestic purposes (including municipal trading departments)							Local Author Other work for direct charge consumers
Companies	- Hickard - H	ions innere	n nenneð (ð				Companies
Metered Not metered	21,281 26,266	1,442 1,495		- -	21,281 26,266	1 , 442 1, 495	Local Author Unclassified
Local Authorities	D.N. CH	interna andrea	£				Companies
Metered Not metered	101,436 70,360	6,239 3,710	13, 173 12, 541	440 489	114, 609 82, 901	6,679 4,199	Local author Work done (other
Total	219,343	12,886	25,713	929	245,057	13, 816	consumers) for direct charge v
Water supplied for unclassified	-		Т			entite	Companies Local Authorit
purposes, including some water supplied free		28				inter	Total work done direct charge w
Companies Local Authorities	67,384 252,728	4,918 16,247	- 62,922	1, 448	67,384 315,650	4,918 17,695	Companies Local Authorit
Total	320,111	21,165	62,922	1,448	383,034	22,613	Total
DS 13474/1							DS 13474/1

TABLE 23 (CON

And the second

and and a strength on the	England an	d Wales	Scotla	nd	Great Britain		
	Quantity	Value (a)	Quantity	Value (a)	Quantity	Value (a)	
(contd.)	Mill.galls.	£1000	Mill.galls.	£'000	Mill.galls.	£1000	
supplied (contd.)							
ree (b)							
s thorities	86 5,848	- 64	1,999		86 7,847		
	5,934		1,999		7,933	2 to different	
supplied							
orities	121,810 489,743	8,191 28,680	94,010	- 2,476	121,810 583,753	8, 191 31, 156	
	611,553(c)	36,871	94,010(c)	2,476	705,563(c)	39, 347	
	Amount charged		Amount charged		Amount charged		
consumers, for t charge was ixing pipes, rs and fittings of cost of	£'000		£1000		£'000		
fittings)	20		- 69		209 540		
orities or which a	47	"2	08				
ge was made to			•				
orities	13	59 57	- 22		59 160		
					- 24-		
orities		32 70	- 2		32 72		
er than for r which a was made (b)							
ities	6 9			-		6 9	
e for which a was made							
		07		-		307 781	
rities		88 95	93		1,088		

TABLE 23 (contd.)

	· · · · · · · · · · · · · · · · · · ·		
	England and Wales	Scotland	Great Britain
	Value (d)	Value (d)	Value (d)
New construction (including enlargement of existing buildings, etc.)	£'000	£1000	£1000
Of reservoirs, wells, aqueducts and conduits			alina antina anna
Companies Local Authorities	31 450	- 10	31 460
Of trunk, distributing and service mains		And Marine	
Companies Local Authorities	630 2,072	- 513	630 2 , 585
Of buildings			
Companies Local Authorities	42 97	- 2	42 99
Of machinery and plant			
Companies Local Authorities	49 68		49 68
Total value of new construction, etc. work done			
Companies Local Authorities	751 2,688	525	751 3,213
Total	3, 439	525	3,964
Total value of water supplied, work done for which a direct charge was made, and new construction work done			
Companies Local Authorities	9,248 32,056	3,094	9,248 35,151
Total	41,304	3,094	44,399
Repair and maintenance		10	
Of reservoirs, wells, aqueducts and conduits			
Companies Local Authorities	152 836	- 80	152 917
Of trunk, distributing and service mains			
Companies Local Authorities	350 1, 533	- 344	330 1,878
	and the second	and the second	

TABLE 23 (Conta.	3 (contd.)
------------------	------------

	England and Wales	Scotland	Great Britain
	Value (d)	Value (d)	Value (d)
epair and maintenance (contd.)	£'000	£'000	£'000
Of buildings	Contra Contrato	getamba -	
Companies Local Authorities	133 247	- 6	133 252
Of machinery and plant			Anter parameter mark
Companies Local Authorities	285 778	- 81	285 859
ork done for consumers for which no direct charge was made			. Later
Companies Local Authorities .	50 153	30	50 183
ther work			
Companies Local Authorities	4 12	17	4 29
otal value of repair and maintenance, etc. work done			taucoli estes tait
Companies Local Authorities	954 3,559	558	954 4, 117
Total	4, 513	558	5,071
otal water supplied and work done by employees of Water Undertakings			and the line of the second sec
Companies Local Authorities	10,202 35,615	3, 652	10, 202 39, 267
Total	45, 817	3, 652	49, 470

- (b) So far as recorded separately.
- (see Table 24).

WATER UNDERTAKINGS COUNTRY TABLES

12/H/25

(a) These figures represent the net amount charged, less discounts, whether the charge was levied by rate, or rent, or in any other way: they exclude transfers from local rates to meet deficiencies in the income of the undertakings. Meter rents are included.

(c) These figures include duplication to the extent to which water was sold to other undertakings employing an average of more than ten persons and was redistributed by them; the quantity so included amounted to a total of 54,404 million gallons, 52,692 million gallons purchased by undertakings in England and Wales and 1,712 million gallons by undertakings in Scotland

(d) The values represent sums calculated to cover wages, salaries and cost of materials used, together with an allowance for general establishment charges.

GAS, ELECTRICITY AND WATER COUNTRY TABLES

12/H/26

Purchased materials and fuel

Larger undertakings

TABLE 24

					7		
	England ar	nd Wales	Scotla	ind	Great Britain		Fuel and electricity
	Quantity	Cost	Quantity	Cost	Quantity	Cost	Coal
Materials	Mill. galls.	£1000	Mill. galls.	£'000	Mill. galls.	£'000	Companies
Water purchased from other					and by time w	tentenn te	Local Authorities
undertakings			385			is the enco	Coke
Companies Local Authorities	8,383 44,309	234 1,574	1,712	35	8,383 46,021	234 1,608	Companies Local Authorities
Total	52,692	1,808	1,712	35	54,404	1,843	Electricity purchased
	Th. tons		Th. tons		Th. tons		From public supply
Purifying agents	38	283	3	33	41	316	From other sources
Water softening materials (a)	14	61	-	-	14	61	Electricity obtained from
Materials for building and constructional work					291312	atara ana	other works under the same ownership
Water pipes (including	62	1,629	14	320	76	1,949	Total electricity
valves, etc.)	••	355		67	••	422	Companies
Iron and steel (other than water pipes)	2	81 32	-	12	2	93 32	Local Authorities
Other metals and metal			3437.2 			and	Motor spirit (petrol) and derv. fuel
alloys (lead, tin, solder, etc., and fittings other than							Used for road vehicles
water pipes) (d)		129		24	••	153	Used for other power purposes
Cement	9	33	318.28	2	9	35	Total motor spirit
	Mill.		Mill.		Mill.	1307	Companies
Bricks	3.6	26	0.4	3	4.0	28	Local Authorities
Other building, etc.	Neonatas, wild	221		23		244	Other oil fuel (including creosote/pitch mixtures)
materials Consumable tools and		221		~0			Companies
replacement parts for undertakings' own machinery (a)		396		26	es recorder le	423	Local Authorities
	e ang tintak di Santingtingt	390	120 101 00 00.		futres incluse the ap sources	(c) mean (c)	Gas purchased
Repair and workshop materials (a)		163	••	10	Linding to	173	Companies Local Authorities
All other purchased materials		514	• •	31	Ange star	545	Total
Total materials other than water	ber spinel	Magada Arazera.	Angen of parts of Angene Licksten	arit.o-shana Tateshee Ti	test sign and the second	17 00° 101 07.04	
Companies Local Authorities		1,030 2,893		- 551		1,030 3,444	
Total		3,923		551		4,473	DS 13474/1
DS 13474/1							DU 101/1/1

TABLE 24 (contd,)

l (including ch mixtures)

WATER UNDERTAKINGS COUNTRY TABLES

England an	d Wales	Scot]	and	Great Britain					
Quantity	Cost	Quantity	Cost	Quantity	Cost				
Th. tons	£1000	Th. tons	£1000	Th. tons	£'000				
				ana alan'i tase 1-					
404.0	700			101.0	800				
121.8 247.7	362 817	5.7	16	121.8 253.5	362 833				
12.6	36	-	-	12.6	36				
18.0	61	1.5	4	19.6	66				
Th.B.T.U. (KW.hrs.)		Th.B.T.U. (kW.hrs.)		Th.B.T.U. (kW.hrs.)					
353, 949	1,344	7,594	28	361,542	1,373				
1,022	3	-	-	1,022	3				
-	-	-	-	-	-				
121,388 233,583	444 903	- 7,594	- 28	121,388 241,177	444 932				
				-					
Th.galls.		Th.galls.	*	Th.galls.	*				
1,098	103	70	6	1,167	109				
1,486	66	. 35	2	1,521	68				
1,301	70		-	1,301	70				
1,283	98	105	8	1,387	107				
-									
3,717 2,889	191 123	- 45	- 2	3,717 2,934	191 125				
Th. therms		Th. therms		Th. therms					
262	13	-	-	262	13				
715	14	30		745	15				
976	27	30	-	1,007	27				

GAS, ELECTRICITY AND WATER COUNTRY TABLES

TABLE 24 (contd.)

12/H/28

and the second second second	England an	d Wales	Scotla	nd	Great Bi	ritain	A. A
	Quantity	Cost	Quantity	Cost	Quantity	Cost	
Fuel and electricity (contd.)		£1000		£1000		£1000	
Gas obtained from other works under the same ownership	-	-	-	-	-	-	
All other purchased fuel	••	17		-	••	17	
Total fuel and electricity							TAB
Companies Local Authorities		1,127 2,024		60		1,127 2,084	
Total materials, fuel and electricity	an eat				Status 1214	201020	
Companies Local Authorities	993.7	2,391 6,491	ape stitle	- 645		2,391 7,136	Mal
Total		8,882	, 12044	645	recurse relation	9,527	For

(a) So far as recorded separately.

ABLE 25 (contd.) Average number of operative ales Under 18 All ages 132 18,660 Females: Under 18 All ages 134 Total Under 18 All ages 135 18,794 £'000 Total remuneration 5,918 TABLE 25 (contd.) Average number c operativ Males Under 18 All ages 204 24,215 Females Under 18 All ages 212 Total Under 18 207 All ages 24,427 £'000 Total remuneration 7,650 DS 13474/1

WATER UNDERTAKINGS COUNTRY TABLES

TABLE 25 - Employment and remuneration: Larger undertakings

(i) Companies

See Table 15-(1). There were no larger Water Undertakings operated by companies in Scotland in the register for this trade.

Employment and remuneration Larger undertakings

(ii) Local Authorities

me	gland and Wale	es	Scotland			Great Britain		
r es	Administra- tive, technical and clerical employees (a)	Total	Average number of operatives	Administra- tive, technical and clerical employees (a)	Total	Average number of operatives	Administra- tive, technical and clerical employees (a)	Total
	117 4,129	249 22,789	13 2,299	4 276	17 2, 575	145 20,959	121 4,405	266 25, 364
	68 650	71 784	- 23	10 76	10 99	3 157	78 726	81 883
	185 4,779	320 23,573 (b)	13 2,322	14 352	27 2,674 (b)	148 21, 116	199 5,131	347 26,247 (b)
	£'000	£'000	٤١٥٥٥	£1000	£1000	000 1£	£1000	000'2
	2, 160	8,078	653	144	797	6,571	2,304	8, 875

(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 £236,000; £218,000 for England and Wales, and £19,000 for Scotland.

Employment and remuneration

Larger undertakings

(iii) Companies and Local Authorities

land and Wale	es	Scotland			Great Britain		
TANKS THE STREET AT THE POST OF LOCAL ST	State and the Argentine	Average number of operatives	Administra- tive, technical and clerical employees (a)	Total	Average number of operatives	Administra- tive, technical and clerical employees (a)	Total
163 5,636	367 29,851	13 2,299	4 276	17 2,575	217 26,514	167 5,912	384 32,426
146 1,135	149 1,347	_ 23	10 76	10 99	3 235	156 1,211	159 1,446
309 6,771	516 31,198 (b)	13 2, 322	14 352	27 2,674 (b)	- 220 26, 749	323 7,123	543 33,872 (b)
£1000 2,985	\$1000	£'000 653	£'000 144	\$1000 797	£1000 8,303	£1000 3,129	£'000 11,432
	Administra- tive, technical and clerical employees (a) 163 5,636 146 1,135 309 6,771 £'000	tive, technical and clerical employees (a) Total Total 163 5,636 29,851 146 1,347 1,347 309 6,771 31,198 (b) \$'000	Administra- tive, technical and clerical employees (a) Total Average number of operatives 163 367 13 5,636 29,851 2,299 146 149 - 1,135 1,347 23 309 516 13 6,771 31,198 2,322 \$1000 \$1000 \$1000	Administra- tive, technical and clerical employees (a)TotalAverage number of operativesAdministra- tive, technical and clerical employees (a)163 5,636367 29,85113 2,2994 276146 1,135149 1,347- 2310 76309 6,771516 31,198 (b)13 2,32214 352 $$1'000$$ $$1'000$$ $$1'000$$ $$1'000$$	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	$\begin{array}{c c c c c c c c c c c c c c c c c c c $

(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 £301,000; £283,000 for England and Wales, and £18,000 for Scotland.

GAS, ELECTRICITY AND WATER COUNTRY TABLES Monthly index of employment of operatives: Larger undertakings (average employment in 1948 = 100)

(i) Companies

TABLE 26

	Monthly index (a)	rényraldes i n	Monthly index (a)	
Month	England and Wales	Month	England and Wales	
1948	eptitersis too	1948		
January	96.1	August	101.0	
February	96.6	September	101.1	
March	97.7	October	103.4	
April	99.1	November	103.4	
May	99.1	December	103.2	
June	99.1			
July	100.0	Percentage employment		
		in this trade covered by the index	75.4	

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

Monthly index of employment of operatives: Larger undertakings (average employment in the year ended March, 1949 = 100)

(ii) Local Authorities

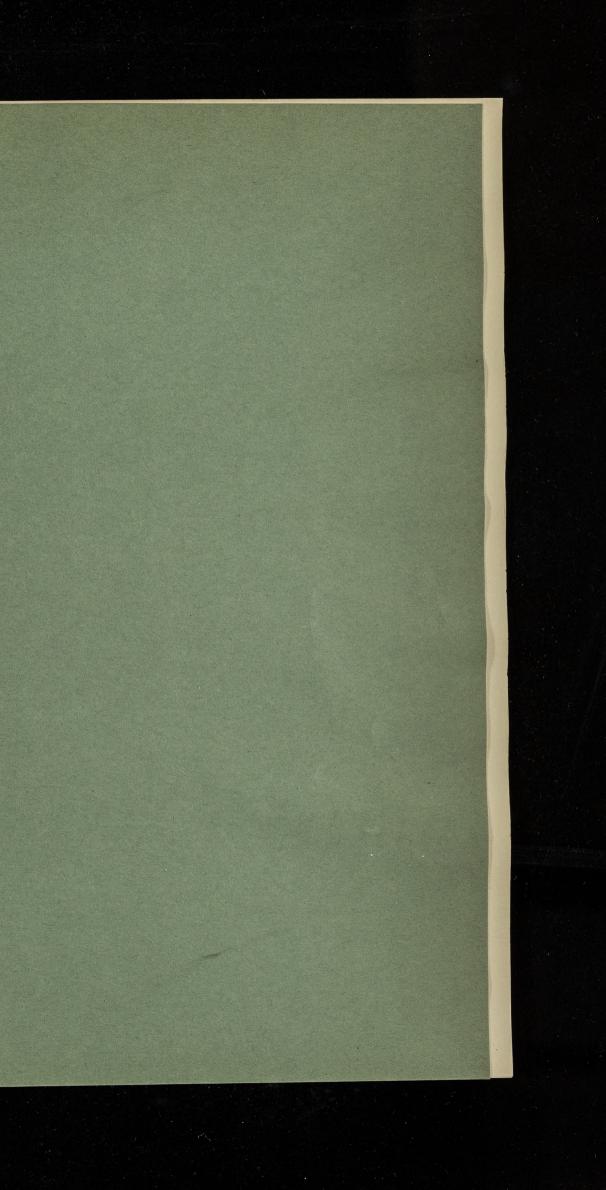
TABLE 26 . (contd.)

198.10	202.32 1 2 2 3 3 4 V	Monthly index (a)	Nonth	Monthly index (a) England and Wales (b)	
	Month	England and Wales (b)	Month		
100	1948	and share a standard and the	1948		
	April	100.6	November	100.2	
	May	100.6	December	100.7	
	June	98.5	1949		
	July	97.3	January	101.3	
	August	98.7	February	101.6	
	September	99.1	March	101.3	
int	October	100.2	Percentage employment in this trade covered by the index	84.7	

(a) The index numbers are calculated from the number of operatives employed in one week in each month returned by larger undertakings that made returns for the twelve months ended March, 1949.
(b) No returns for the twelve months ended March, 1949 were received from the larger undertakings in Scotland.

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