

[HA 251]

BOARD OF TRADE

# THE REPORT on the CENSUS OF PRODUCTION FOR 1951

Volume 1

Trade D

SLATE QUARRIES AND MINES

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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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1955

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	* Not applicable to this trade	

quarrying or mining of slate.

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14 14

10

1

Classification.

trade.

(83085/2)

# SLATE QUARRIES AND MINES TRADE

THE REPORT on this trade relates to establishments engaged wholly or mainly in the

This trade corresponds to minimum list heading 13 in the Standard Industrial

There were no larger establishments in Northern Ireland in the register for this

IMPORTANT NOTES and definitions appear on the inside of the back cover of this report. In interpreting the data in the following tables, it is essential to bear these in mind. 1/D/2

#### MINING AND QUARRYING

### SLATE QUARRIES AND MINES TRADE

#### Summary

#### Larger establishments (a)

### TABLE 1

	Great Britain					
	1951	1950	1949	1948	1935	
	£'000	£,000	£,000	£'000	£' 000	
Gross output (production) (b)	2,355	2.157	2.150	2,094	1.666	
Cost of materials and fuel used (c)	211	198	h in f	158	121	
Payment for work done on materials given out Transport payments (d)	- 90	3	} <sup>183</sup> {	-	-	
Net output Wages and salaries of persons employed	2.054 1.576	1,956 1,538	1.968 1.524	1,936 1,489	1,545	
Average number of persons employed (e)	No. 4.774	No. 4.925	No. 5.012	No. 5.017	No. 9,598	
Net output per person employed (e)	£ 430	£ 397	£ 393	£ 386	£ 161	
Stocks at end of year	£.000	£,000	£,000	£,000	£.000	
Products on hand for sale Materials and fuel	163 60	145 50	112 49	94 49		
Number of quarries or mines	No . 27	No. 30	No. 30	No. 30	No. 45	

	1	1		01000	1
Output of firms in this trade (f)	£,000	£,000	£.000	£,000	£,000
Principal products (g) Other output Value of outward transport on goods	2.212	} 2,105	2,122 {	2.072 17	1.652 14
sold carried out by outside transport organisations Value of transport of quarry products carried out by establish-	81		•••	••	· ··
ments' own employees Changes in stocks (h)	45 + 17	$+ \frac{16}{35}$	9 + 20	10 - 6	••
	2,355	2.157	2,150	2,094	1
Payment for transport by a separate transport organisation (d)		81	81	-	} 1.666
Gross output (production)	2,355	2.157	2,150	2.094	1.666
Materials and fuel used by firms in this trade					
Purchases Changes in stocks (h)	221 - 10	200 - 1	- 185 - 2	$-\frac{163}{5}$	] 121
Materials and fuel used	211	198	183	158	121

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

 (b) Sales of products were collected at ex-mine or ex-quarry prices in 1951, 1950, 1949 and 1948, and the cost of transport, whether carried out by firms' own employees or by other firms, was excluded and shown separately. Gross output for 1951 includes payments to other firms and undertakings and to firms' own separate transport organisations for transport services. For other years payments for transport services outwards on goods sold are excluded.

are excluded.
(c) Amounts paid for delivery services are excluded for 1951 but included for other years.
(d) Payments to other firms and undertakings and to firms' own separate transport organisations. For 1951 they cover payments for transport of both goods sold and materials and fuel purchased. For other years payments cover only transport outwards of goods sold.
(e) Including working proprietors. For an estimate of the total number of persons employed in this trade see Table 3.

Table 3.

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

(g) For details for 1951 and 1948 see Table 8. (h) For details for 1951 see Table 21.

SLATE QUARRIES AND MINES Summary Small firms (a) TABLE 2 Number of returns Average number of persons employed (b) Males Females Total (a) Small firms (employing on the average ten or fewer persons) that made satisfactory returns. (b) Including working proprietors. Estimated average employment (a) All firms TABLE 3 As returned by firms Estimated average employment in firms not satisfactory returns Estimated average employment in all firms (a) Including working proprietors.
(b) See Tables 13(iv) and 14.
(c) See Table 2. Analysis by size, 1951 Larger establishments in Great Britain Average Establish-Gross number ments output employed £'000 No. 42 11 - 24 4 179 25 - 49 9 50 - 99 3 98 637 100 - 199 8

(a) Administrative, technical and clerical employees.

3

27

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

Employing on the average more than ten pe Employing on the average ten or fewer pe

#### TABLE 4

300 and over

Total

and the second second	Great Britain							
1951	1950	1949	1948					
10	4	7	7					
55	25	31	32					
57	25	31	32					

and the second	Great Britain					
	1951	1950	1949	1948		
			AND PETERSON AND			
ersons (b) rsons (c)	4.774 57	4.925	5.012 31	5,017 32		
i iqu	4,831	4,950	5.043	5,049		
making		6	-			
	4.831	4,956	5,043	5,049		

Net output		Contra and		Remuneration				
	Persons employed	Operatives	Other employees (a)	Total	Net output per person employed			
1000	£'000	No.	£'000	£'000	£.000	£		
- And	38	79	28	1	30	486		
	147	347	117	8	125	423		
	91	221	69	4	74	411		
	508	1,135	353	39	392	448		
	1,269	2,992	895	61	955	424		
	2,054	4.774	1.462	114	1.576	430		

1.398

2,355

1/D/3

Number

1/D/4

#### MINING AND QUARRYING

#### Analysis by standard region, 1951

Larger establishments in Great Britain

TABLE 5

			Net ou	utput		F	lemuneration	1	Net output
Region	Estab- lish- ments	lish- Gross	Value	Percent- age of total	Persons employed	Operatives	Other employees (a)	Total	per person employed
England and Scotland	No.	£'000	£,000		No.	£.000	£.000	£,000	£
Northern; South Western; and Scotland	6	223	148	7.2	316	104	9	112	468
North Western	4	188	146	7.1	269	97	10	107	544
East and West Ridings; North Midland; Eastern; London and South Eastern;									
Southern; and Midland	-	-	-		-		-	-	-
Total England and Scotland	10	411	294	14.3	58 5	200	19	219	503
Wales	17	1,944	1.760	85.7	4,189	1,262	95	1.357	420
Great Britain	27	2,355	2,054	100.0	4.774	1.462	114	1,576	430

(a) Administrative, technical and clerical employees.

TABLE 6 - Analysis according to specialisation within the trade, 1951 Larger establishments in Great Britain

No specialisation within this trade was distinguished.

# TABLE 7 - Total quantity of slate quarried or mined Larger establishments in Great Britain

The total quantities of slate raised in 1951 and 1948 were 123,000 tons and 130,000 tons respectively.

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Sales of the principal products of the trade, including sales of these products by establishments classified to other trades Larger establishments in Great Britain TABLE 8 Slates for roofing Slates for damp courses Slate slabs (including dressed or partial prepared slabs sold for further processi but excluding other finished slate goods Other products (including slate granules flour) Waste products Total Sales in other trades Principal products of this trade sold by establishments in the trade (a) 'Ex-quarry prices.(b) Slate granules and flour. and waste products. TABLE 9 - Sales of principal products of the trade by establishments classified to other trades Larger establishments in Great Britain

No sales of the principal products of this trade by establishments classified to other trades were recorded for 1951 or 1948.

The total value of sales of other than principal products in 1951 was negligible. In 1948 sales amounted to £17,000.

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SLATE QUARRIES AND MINES

		1951	19	48	
	Quantity	Value (a)	Entries	Quantity	Value (a)
	Tons	£.000	No.	Tons	£°000
	94.083	2,009	26	101,981	1.880
	3.991	66	15	8,093	107
nlly sing, ds)	2,283	41	9	2,265	28
s and		94 2	13 11	}	57 (b)
		2.212	26		2.072
		-	-		
		2.212	26		2,072

TABLE 10 - Sales in the trade of other than principal products Larger establishments in Great Britain

# MINING AND QUARRYING

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

TABLE 11

	at the	Production (b)	Exports	Retained Imports
		Tons	Tons	Tons
Slates for roofing	$\begin{cases} 1951 \\ 1948 \\ 1935 \end{cases}$	94.083 101,981 248.620(d)	1.597(c) 683 2.749	12.888 9.341 32.064
Slate slabs (including dressed or partially prepared slabs for further processing, but excluding other finished slate goods)	{1951 {1948	2.283 2.265	(e)	1,435 2,265

(a) Figures of production (or sales) refer only to larger establishments. All recorded exports from and imports into the United Kingdom are given in the table. The figures, therefore, are not strictly comparable.
(b) Sales in 1951 and 1948, and production for sale in 1935.
(c) Described as 'slates and slate slabs'.
(d) Including slates for damp courses.
(e) Included with slates for roofing. See footnote (c).

### TABLE 12 - Usage of certain specified purchased materials, 1951

Larger establishments in Great Britain

No information on usage of materials was required from this trade.

### Employment in September

Larger establishments (a)

TABLE 13 (i) Operatives

		Great Britain					
	1951(b)	1950(b)	1949(b)	1948(c)	1935(c)		
Males	and a start from the	Market and and and	e a first the subject of	a the the set			
Under 18	200	206	197	189	6 3 5		
All ages	4.522	4,689	4,660	4.777	9,319		
Females							
Under 18	-	-	-	169-171-181 <b>-</b> - 181 - 19	-		
All ages	2	3	2	3	3		
[o tal							
Under 18	200	206	197	189	6 3 5		
All ages	4.524	4,692	4.662	4,780	9,322		

### TABLE 13 (contd.)

(ii) Administrative, technical and c

(II) Administrative,			Great Britain		
	1951	1950	1949	1948	1935
Males Under 18 All ages	221	3 231	3 230	3 219	3 27 1
Females Under 18 All ages	- 22	1 23	3 20	2 17	- 5
Fotal Under 18 All ages		4 254(e)	6 250 (e)	5 236 (e)	3 276
(iii) Total employees	the said there are	and the second		and the second	Number
		eliti a en autori	Great Britain		entern Minter and
	1951	1950	19 49	1948	1935
Males Under 18 All ages	200 4,743	209 4,920	200 4.890	192 4,996	638 9,590
'emales Under 18 All ages	- 24	1 26	3 22	2 20	- 8
'otal Under 18 All ages	200 4,767(e)	210 4,946(e)	203 4,912(e)	194 5,016(e)	638 9,598
<ul> <li>(a) Excluded employees.</li> <li>but are not include in merchanting):-</li> </ul>	The following per ed in the above tabl	rsons were employ les or in any oth	ed at the larger end or Census of Produc	stablishments in this ction report (e.g., o	s trade in 195 employees enga
	Canteen wa Other work		March	emales emales	
(1) To make and forth	mber 22, 1951, Septe	ember 30, 1950, a	d Contombor 04 1	949.	
<ul><li>(c) Average for the yea</li><li>(d) In week ended Septer</li></ul>	r. mber 22, 1951, Septe	ember 30, 1950. S	eptember 24, 1949.	September 25, 1948.	
1 1 The second have been all a second	r. mber 22, 1951, Septe . In addition work	ember 30, 1950, S king proprietors,	eptember 24, 1949.	September 25, 1948, (iv) below, were en	
<ul> <li>(c) Average for the yea</li> <li>(d) In week ended Septer 1935.</li> <li>(e) Working proprietors</li> </ul>	r. mber 22, 1951, Septe . In addition work	ember 30, 1950, S king proprietors, 1935 figures inc	eptember 24. 1949. shown in Table 13	September 25, 1948, (iv) below, were en	
<ul> <li>(c) Average for the yea</li> <li>(d) In week ended Septer 1935.</li> <li>(e) Working proprietors</li> </ul>	r. mber 22, 1951. Septe . In addition work tablishments. The	ember 30, 1950, S king proprietors, 1935 figures inc	eptember 24. 1949. shown in Table 13	September 25, 1948, (iv) below, were en ietors.	
<ul> <li>(c) Average for the yea</li> <li>(d) In week ended Septer 1935.</li> <li>(e) Working proprietors</li> </ul>	r. mber 22, 1951. Septe . In addition work tablishments. The	ember 30, 1950, S king proprietors, 1935 figures inc oprietors	eptember 24, 1949. shown in Table 13 lude working propr	September 25, 1948, (iv) below, were en ietors.	
<ul> <li>(c) Average for the yea</li> <li>(d) In week ended Septer</li> <li>1935.</li> <li>(e) Working proprietors</li> </ul>	r. mber 22, 1951. Septe . In addition work tablishments. The	ember 30, 1950, S king proprietors, 1935 figures inc oprietors	eptember 24, 1949. shown in Table 13 lude working propr Great Britain	September 25, 1948, (iv) below, were en ietors. Number	

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Number

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# SLATE QUARRIES AND MINES

1	eri	cal	employees	(d)	)
---	-----	-----	-----------	-----	---

Number

MINING AND OUARRYING

#### Average employment

# Larger establishments (a)

TABLE 14

	a series and the		Great Britain		States and the
	1951	1950	1949	1948	1935
Operatives Administrative, technical and	4,530	4.672	4.761	4.780	9,322
clerical employees	243	253	249	236 (Ъ)	276 (Ъ)
Total	4.773	4.925	5,010	5.016	9,598

(a) For employment in small firms (employing on the average ten or fewer persons) that made satisfactory returns. see Table 2.
(b) In week ended September 25, 1948, and October 12, 1935. The 1935 figure includes working proprietors.

Outworkers. No outworkers were employed in this trade.

#### Shift working, 1951 (a)

#### Larger establishments in Great Britain

#### TABLE 15

	Total number of man-shifts worked in the week	Total number of shift-hours worked in the week	Number of returns showing the systems stated
Continuous 3 shift systems per 24 hours averaging 8 hours per shift	and have not a work of the state	n and and denote and the s	- Andrew Test with the
Continuous 4 shift systems per 24 hours averaging 6 hours per shift	-		-
All 2 shift systems	527	5.126	2
Other shift/systems		and a light - the walk and	an part and a sub-
Total	527	5,126	(b)

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

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

and the second participation of the second se	Re	turns	C. S. C.	Operatives	
	Total in trade	Showing shift-work	Total in trade	Total on returns showing shift-work	Number •employed on shift- work
Number	26	2	4.524	228	104
Percentage of total in trade Percentage of total on returns showing shift-work	100.0	7.7	100.0	5.0	2.3 45.6

TABLE 16

Number

Wages and salaries (a) of

Operatives Administrative, technical and

clerical employees

Total

Employers' contributions to all National Insurance Schemes

(a) Including bonus and commission payments,

#### TABLE 17

Plant, machinery and vehicles Acquisitions Plant and machinery New Second-hand Vehicles New

Second-hand

Total acquisitions

Disposals Plant and machinery Vehicles

#### Total disposals

New building work Capital expenditure on new building and constructional work of a capital natu (excluding site values and developmen

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(83085 2)

### SLATE QUARRIES AND MINES

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

La	rger establishmer	nts		£'000
		Great B	ritain	
	1951	1950	1949	1948
	1,462	1.420	1.409	1.385
	114	118	116	104
	1.576	1,538	1.524	1,489
	51	50 ·	51	43

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

#### Larger establishments

A MARK STORE & STORE AND A PARTY OF			
40.		Great Britain	
	1951	1949	1948
and the second		E .	
	33	51	47
	4	12	16
	6 1	7	11 2
	44	70	76
	A Participant in the second second	And an all the second second	A DECEMBER OF STREET
	7	2	2 2
			4
	7	2	4
nd other	and the strengthe		· ·
ure	and the strength of the state o	The second s	
nt charges)	1	3	4

£°000

1/D/9

1/D/10

## MINING AND QUARRYING COUNTRY TABLES SLATE QUARRIES AND MINES TRADE 1951

Note - Owing to the risk of disclosure of information relating to individual firms separate particulars for Scotland cannot be given.

#### Summa ry

### Larger establishments

T	A	R	I.	F	1	8

	England(a)	Wales	Scotland(a)	Great Britain
	£'000	£'000	£°000	£'000
Gross output (production)	411	1.944	at profit for	2.355
Cost of materials and fuel used	85	126		211
Payment for work done on materials given out Transport payments	- 32	- 58		90
Vet output Wages and salaries of persons employed	29 4 2 19	1,760 1,357	:	2.054 1.576
Average number of persons employed (b)	No . 58 5	No. 4,189	No.	No. 4.774
let output per person employed (b)	£ 503	£ 420	£	£ 430
Stocks at end of year	£'000	£°000	£,000	£*000
Products on hand for sale Materials and fuel	46 14	117 46		16 3 60
iumber of quarries or mines	No. 10	No. 17	No.	No. 27

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

	£,000	£°000	£°000	£°000
Output of firms in this trade		A A A A A A A A A A A A A A A A A A A		A star water as a decide of
Total value of sales (see Table 20) (c) Value of outward transport on goods sold	353	1,859	••	2,212
carried out by outside transport organisations Value of transport of quarry products carried out by establishments' own	25	55	••	81
employees Changes in stocks (see Table 21)	+ 32	$+ \frac{13}{16}$	••	+ 45
Gross output (production)	411	1,944		2,355
Materials and fuel used by firms in this trade			Contraction of the second	all less.
Purchases Changes in stocks (see Table 21)	- 86 - 2	- 9		- <sup>221</sup> - 10
Materials and fuel used	85	126	· · · · · · · · · · · · · · · · · · ·	211

(a) Owing to the risk of disclosure of information relating to individual firms, particulars for Scotland cannot be given separately and have been included with those for England.
(b) Including working proprietors.
(c) Sales of quarry products were recorded at 'ex-quarry' prices.

	Summary	у					
TABLE 19	Small firm	ms (a)		÷			
	Engl	and (b)	Wale	8	Scotlan		Great ritain
Number of returns	5	;	:	5			10
Average number of persons employed (c)							
Males Females	23		3	2 L			55 2
Total	24		3:	3			57
<ul> <li>(a) Small firms (employing on the average ten or</li> <li>(b) Owing to the risk of disclosure of information be given separately and have been included</li> <li>(c) Including working proprietors.</li> </ul>	on relating with those	to indi for Engl	vidual f	satisfa firms,	tory retur particulars	ms. for Scotl	and canno
	les in the						
TABLE 20	ger establ	isnment	s				
	England	and Wale	s	Scot.	land	Great	Britain
	Quantity	Value	Qua	ntity	Value	Quantity	Value
	Tons	£,000			£,000	Tons	£,000
Principal products Slates for roofing		(a)			(a)	94,083	2,009
Slates for damp courses	3,991	66		-	-	3,991	66
Slate slabs (including dressed or partially prepared slabs sold for further processing, but excluding other finished slate goods)	2,283	41		-	-	2,283	41
Other products (including slate granules and flour)		94		-			94
Waste products		2		-	-		2
Total principal products		(a)			(a)		2,212
Other output	-	-		-	-	-	-
Total		(a)			(α)		2,212
<ul> <li>(a) Owing to the risk of disclosure of information be given.</li> <li>Stocks of productors stocks of stocks</li></ul>		nd for	sale and		separate p	articulars	cannot
Large	r establis	hments					
TABLE 21					£.000		
				Great	Britain		•~1
Products on hand for sale		inning o of year		and so the second second second	45 63		
Materials and fuel	{at beg at end	inning o of year	f year	1.2.2.1.1.1	50 60		
					1.		

# SLATE QUARRIES AND MINES COUNTRY TABLES

1/D/11

#### MINING AND QUARRYING COUNTRY TABLES

TABLE 22 - Employment in September: Larger establishments

See Table 13.

TABLE 23 - Average employment: Larger establishments

See Table 14.

TABLE 24 - Wages and salaries and employers' National Insurance contributions paid during the year: Larger establishments

See Table 16.

### Plant, machinery and vehicles - acquisitions and disposals,

#### and capital expenditure on new building work

#### Larger establishments

manage a second and second and second and	England and Wales	Scotland	Great Britain
		Destrund	Great Britain
Plant, machinery and vehicles			the prime was shirted
Acquisitions			and the state of the second
Plant and machinery			and the fait of the state of the state
New	(α)	(a)	33
Second-hand	(a)	(a)	4
Vehicles			A REAL PROPERTY AND A REAL PROPERTY.
New	6	-	6
Second-hand	1	-	i as a s
Total acquisitions	(a)	(α)	44
			••
Disposals			
Plant and machinery	(α)	(a)	7
Vehicles	1	• • • • • • • • • • • • • • • • • • •	1
Total disposals	(α)	(α)	7
	and the second		
New building work Capital expenditure on new building and other constructional work of a capital nature (excluding site values and			
development charges)	. 1	Charles and a second	1

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

#### Payment for transport services for goods sold and materials and fuel purchased

#### Larger establishments

Great Britai
0.0
88

DS 83085/2/WT.4003 K(4) 12/54 CL

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

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

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

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

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

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

All these figures exclude canteen employees and not covered by a firm's return who are shown separa-tely as excluded employees.

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

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

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

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

Materials and fuel: The cost of materials and fuel pur-Table 10 shows the sales by establishments in the trade of products other than those regarded as chased includes all purchases during the year of mater-ials for use in production and of fuel (including oil, principal products of the trade. gas, and electricity for all purposes, including heating and lighting): all packing materials, including the full cost of returnable containers when first Table 20 (or 20(i)) shows sales by establishments in the trade of products, whether principal products or purchased; workshop materials; office materials; water charges; materials for repairs to firms' own buildnot, and broadly the aggregates here are equal to the corresponding figures in Table 8 (or 8(i)) less those in Table 9, plus those in Table 10. ings, plant and vehicles when carried out by

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#### GENERAL NOTES

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

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

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

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

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

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

Disclosure of information: The report has been prepared in conformity with the disclosure provisions of the Statistics of Trade Act, 1947. Figures have been combined with others of a similar nature in certain cases where publication of separate details might disclose the operations of an individual firm. Symbols used: '..' for 'Not available', '-' for 'Nil

or negligible (less than half the final digit shown)'

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

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

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

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

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

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