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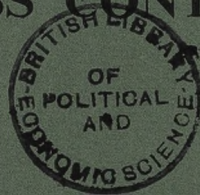
BOARD OF TRADE

THE REPORT  
on the  
CENSUS OF PRODUCTION  
FOR 1951

Volume 1

Trade H

GLASS CONTAINERS



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

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\* Not applicable to this trade

GLASS CONTAINERS

1/H/1

GLASS CONTAINERS TRADE

THIS REPORT on the Glass Containers Trade relates to establishments engaged wholly or mainly in the manufacture of glass bottles, bottle stoppers, jars, syphons and vacuum flasks.

This trade corresponds to minimum list heading 23 in the Standard Industrial Classification.

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

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.

## GLASS CONTAINERS TRADE

## Summary

## Larger establishments (a)

TABLE 1

	Great Britain					
	1951	1950	1949	1948	1937	1935
	£'000	£'000	£'000	£'000	£'000	£'000
Gross output (production) (b)	31,539	24,050	22,133	20,835	8,201	6,584
Cost of materials and fuel used (c)	12,610	10,741	9,775	9,005	3,136	2,484
Payment for work done on materials given out	184	91	61	46	3	2
Transport payments (d)	2,303	..	..	..	..	..
Net output	16,442	13,218	12,296	11,784	5,062	4,098
Wages and salaries of persons employed	9,532	8,399	7,983	7,609	..	..
	No.	No.	No.	No.	No.	No.
Average number of persons employed (e)	24,865	24,336	24,120	23,972	19,486	17,765
	£	£	£	£	£	£
Net output per person employed (e)	661	543	510	492	260	231
	£'000	£'000	£'000	£'000	£'000	£'000
Stocks at end of year						
Products on hand for sale and work in progress	1,419	1,250	1,228	1,080	..	..
Materials and fuel	3,681	2,789	2,562	2,349	..	..
	No.	No.	No.	No.	No.	No.
Number of establishments	64	65	70	70	..	67

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

	£'000	£'000	£'000	£'000	£'000	£'000
Output of firms in this trade (f)						
Principal products (g)	29,115	25,691	23,414	20,596	7,796	6,250
Other output (h)	2,233					
Changes in stocks and work in progress (i)	+ 191	+ 21	+ 179	+ 221		
	31,539	25,712	23,593	22,194	8,201	6,584
Less payment for transport outwards (d)	..	1,662	1,460	1,359		
Gross output (production)	31,539	24,050	22,133	20,835	8,201	6,584
Materials and fuel used by firms in this trade						
Purchases	13,469	10,978	9,919	9,418	3,136	2,484
Changes in stocks (i)	- 859	- 237	- 145	- 412		
Materials and fuel used	12,610	10,741	9,775	9,005	3,136	2,484

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

(b) 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 finished goods sold 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 finished goods sold.

(e) Excluding outworkers but including working proprietors. For an estimate of the total numbers of persons employed in this trade see Table 3.

(f) Total value of sales (1951, 1950, 1949 and 1948) or production for sale (1937 and 1935).

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

(h) For details for 1951 and 1948 see Table 10.

(i) For details for 1951 see Table 21.

## Summary

## Small firms (a)

TABLE 2

	Great Britain			
	1951	1950	1949	1948
Number of returns	..	..	..	..
Average number of persons employed (b)				
Males	8	9	9	10
Females	-	-	-	-
Total	8	9	9	10

(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

	Great Britain				Number
	1951	1950	1949	1948	
As returned by firms					
Employing on the average more than ten persons (b)	24,865	24,336	24,120	23,972	8
Employing on the average ten or fewer persons (c)	8	9	9	10	
	24,873	24,345	24,129	23,982	
Estimated average employment in firms not making satisfactory returns	-	-	-	98	
Estimated average employment in all firms	24,873	24,345	24,129	24,080	

(a) Including working proprietors.

(b) See Tables 13(iv) and 14.

(c) See Table 2.

## Analysis by size, 1951

## Larger establishments in Great Britain

TABLE 4

Average number employed	Establishments	Gross output	Net output	Persons employed	Remuneration			Net output per person employed
					Operatives	Other employees (a)	Total	
	No.	£'000	£'000	No.	£'000	£'000	£'000	£
11 - 24	3	53	31	54	17	5	22	571
25 - 49	5	124	84	179	66	5	72	470
50 - 99	10	796	403	698	202	39	241	578
100 - 199	13	2,199	1,179	1,886	590	87	677	625
200 - 299	7	2,369	1,255	1,900	578	88	666	661
300 - 399	6	3,669	1,875	2,173	763	168	931	863
400 - 499	5	2,671	1,388	2,245	677	110	787	618
500 - 749	8	6,680	3,520	5,026	1,737	244	1,981	700
750 and over	7	12,978	6,707	10,704	3,387	769	4,156	627
Total	64	31,539	16,442	24,865	8,017	1,515	9,532	661

(a) Administrative, technical and clerical employees.

Analysis by standard region, 1951

Larger establishments in Great Britain

TABLE 5

Region	Estab-lish-ments	Gross output	Net output		Persons employed	Remuneration			Net output per person employed
			Value	Percent- age of total		Operatives	Other employees (a)	Total	
	No.	£'000	£'000		No.	£'000	£'000	£'000	£
England and Wales									
East and West Ridings	18	8,937	4,720	28.7	7,200	2,292	349	2,642	655
North Midland; Midland; and Wales	8	1,672	877	5.3	1,407	449	49	497	623
London and South Eastern	23	9,925	5,426	33.0	7,433	2,487	548	3,035	730
North Western	9	8,182	4,036	24.5	6,897	2,170	434	2,605	585
Northern; Eastern; Southern; and South Western	-	-	-	-	-	-	-	-	-
Total England and Wales	58	28,716	15,058	91.6	22,937	7,397	1,380	8,777	657
Scotland	6	2,823	1,384	8.4	1,928	620	135	755	718
Great Britain	64	31,539	16,442	100.0	24,865	8,017	1,515	9,532	661

(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 make of intermediate products: Larger establishments in Great Britain

This table is not applicable to the trade.

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

	1951				1948		
	Quantity		Value	Entries	Quantity		Value
	Th. gross	Th. cwts.	£'000	No.	Th. gross	Th. cwts.	£'000
Glass containers (other than scientific and domestic glassware and containers made from tubing)							
Milk bottles	1,754	2,379	3,211	13	1,315	1,886	2,178
Beer, wine, spirit and similar bottles	5,212	6,364	7,495	25	4,238	6,034	5,832
Bottles, jars and containers							
For preserved foods	8,106	4,853	7,014	29	6,854	4,355	5,213
For chemicals, drugs, medicines and medicinal preparations	5,395	1,947	4,727	48	4,089	1,721	3,307
For perfumes, cosmetics and toilet preparations	1,976	721	1,852	30	1,288	434	1,026
For all other purposes (except syphons complete, syphon vases sold as such, fitted vacuum flasks and jars and similar containers, and glass inners and refills for vacuum flasks whether silvered, exhausted and sealed or not)	4,654	2,164	3,487	46	3,262	1,022	2,212
Containers made from tubing, other than scientific and domestic glassware							105
Syphons, complete, and syphon vases sold as such	5	..	144	5	5	22	153
Glass stoppers and covers for containers, sold separately	..	..	26	5	28	3.8	25
	Th. doz.				Th. doz.		26
Fitted vacuum flasks and jars and similar vacuum vessels, and glass inners and refills for vacuum flasks, whether silvered, exhausted and sealed or not	445	..	1,243	7	330	..	647 (a)
Work done for the trade or on commission (b)			-	-			61
Other work done (including repair work) (b)			276	7			61
Total			29,475	..			20,846
Sales in other trades (see Table 9)			360	..			249
Principal products of this trade sold by establishments in the trade			29,115	61			20,596

(a) Described as 'Vacuum flasks and jars and similar vacuum vessels fitted or not fitted'.

(b) Amount charged.

Sales of principal products of the trade by establishments  
classified to other trades

## Larger establishments in Great Britain

TABLE 9

	1951				1948	
	Quantity		Value	Entries	Quantity	Value
	Th. gross	Th. cwts.	£'000	No.		£'000
Glass containers (other than scientific and domestic glassware and containers made from tubing)						
Beer, wine, spirit and similar bottles						
Bottles, jars and containers						
For preserved foods	233	80	247	6		
For chemicals, drugs, medicines and medicinal preparations						
For perfumes, cosmetics and toilet preparations						
For all other purposes (except milk bottles, syphons complete, syphon vases sold as such, fitted vacuum flasks and jars and similar containers, and glass inners and refills for vacuum flasks whether silvered, exhausted and sealed or not)	72	17	101	8		
Containers made from tubing, other than scientific and domestic glassware						
Glass stoppers and covers for containers, sold separately						
Fitted vacuum flasks and jars and similar vacuum vessels, and glass inners and refills for vacuum flasks, whether silvered, exhausted and sealed or not	..	..	12	..		
Total			360	..		249

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

TABLE 10

	1951		1948	
	Quantity	Value	Quantity	Value
		£'000		£'000
Domestic and fancy glassware	..	1,689	..	1,044
Other glassware	..	155	..	57
Other goods	..	389	..	276
Total		2,233		1,377

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

TABLE 11

		Production (b) (c)		Exports		Retained imports	
		Th. gross	Th. cwts.	Th. gross	Th. cwts.	Th. gross	Th. cwts.
Glass containers (other than scientific and domestic glassware)							
Beer, wine, spirit and similar bottles	{						
1951		5,212	6,364	95	114	49	62
1948		4,238	6,034	80	103	59	85
1937		3,262	4,268	74	101	110	185
Other descriptions, including containers made from tubing, syphons, complete, and syphon vases	{						
1951		21,890	12,088 (d)	744	391	196	109
1948		16,965 (d)	9,491 (d)	407	321	405	193
1937		10,178 (e)	6,536 (e)	245	171	662	110
			Th. doz.		Th. doz.		Th. doz.
Vacuum flasks and jars and similar vacuum vessels, fitted or not	{						
1951			445 (f)		224		19
1948			330		118		85
1937			..		11		337

(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 1937.

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

(d) Partly estimated.

(e) Including vacuum flasks and jars and similar vacuum vessels.

(f) Fitted vacuum flasks and jars and similar vacuum vessels and glass inners and refills for vacuum flasks, whether silvered, exhausted and sealed or not.

Usage of certain specified purchased materials, 1951  
Larger establishments in Great Britain

TABLE 12

Materials used	Quantity
Lead Oxide	Th. cwts. 0.1
Timber (other than reclaimed), including that used for packing or packing case manufacture but excluding joinery, other fabricated woodwork and purchased packing cases	Th. cu. ft. 20
Hardwood	
Softwood	98

TABLE 13  
Employment in September  
Larger establishments (a)  
(i) Operatives

	Great Britain					
	1951(b)	1950(b)	1949(b)	1948(c)	1937(c)	1935(c)
Males						
Under 18	946	896	1,103	1,222	1,374	1,154
All ages	17,943	17,673	17,740	17,793	15,869	14,477
Females						
Under 18	315	356	284	376	868	635
All ages	4,305	3,878	4,006	3,673	2,161	1,911
Total						
Under 18	1,261	1,252	1,387	1,598	2,242	1,789
All ages	22,248	21,551	21,746	21,466	18,030	16,388

(ii) Administrative, technical and clerical employees (d)

	Great Britain					
	1951	1950	1949	1948	1937	1935
Males						
Under 18	57	59	58	118	87	76
All ages	1,888	1,813	1,678	1,732	1,072	1,049
Females						
Under 18	127	132	126	78	56	52
All ages	840	792	778	773	384	328
Total						
Under 18	184	191	184	196	143	128
All ages	2,728(e)	2,605(e)	2,456(e)	2,505(e)	1,456	1,377

(iii) Total employees

	Great Britain					
	1951	1950	1949	1948	1937	1935
Males						
Under 18	1,003	955	1,161	1,340	1,461	1,230
All ages	19,831	19,486	19,418	19,525	16,941	15,526
Females						
Under 18	442	488	410	454	924	687
All ages	5,145	4,670	4,784	4,446	2,545	2,239
Total						
Under 18	1,445	1,443	1,571	1,794	2,385	1,917
All ages	24,976(e)	24,156(e)	24,202(e)	23,971(e)	19,486	17,765

(a) Excluded employees. The following persons were employed at the larger establishments in this trade in 1951 but are not included in the above tables or in any other Census of Production report (e.g., employees engaged in merchanting):-

Canteen workers	32	Males	329	Females
Other workers	14	Males	-	Females

(b) In week ended September 22, 1951, September 30, 1950, and September 24, 1949.

(c) Average for the year.

(d) In week ended September 22, 1951, September 30, 1950, September 24, 1949, September 25, 1948, October 16, 1937 and October 12, 1935.

(e) Working proprietors. In addition working proprietors, shown in Table 13 (iv) below, were engaged in this trade in larger establishments. The 1937 and 1935 figures include working proprietors.

(iv) Working proprietors

	Great Britain			
	1951	1950	1949	1948
Males	1	1	2	1
Females	-	-	1	-
Total	1	1	3	1

TABLE 14  
Average employment  
Larger establishments (a)

	Great Britain					
	1951	1950	1949	1948	1937	1935
Operatives	22,159	21,745	21,680	21,466	18,030	16,388
Administrative, technical and clerical employees	2,705	2,590	2,437	2,505(b)	1,456(b)	1,377(b)
Total	24,864	24,335	24,117	23,971	19,486	17,765

(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, October 16, 1937, and October 12, 1935. 1937 and 1935 figures include working proprietors.

Outworkers. In addition to the employees shown above the firms in this trade employed a small number of female outworkers in 1951, 1950 and 1948.

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	62,668	502,380	45
Continuous 4 shift systems per 24 hours averaging 6 hours per shift	-	-	-
All 2 shift systems	2,292	25,893	8
Other shift systems	-	-	-
Total	64,960	528,273	(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:-

	Returns		Operatives		
	Total in trade	Showing shift-work	Total in trade	Total on returns showing shift-work	Number employed on shift-work
Number	61	51	22,248	21,520	12,152
Percentage of total in trade	100.0	83.6	100.0	96.7	54.6
Percentage of total on returns showing shift-work				100.0	56.5

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

## Larger establishments

	Great Britain			
	£'000			
	1951	1950	1949	1948
Wages and salaries (a) of				
Operatives	8,017	7,084	6,836	6,452
Administrative, technical and clerical employees	1,515	1,315	1,147	1,157
Total	9,532	8,399	7,983	7,609
Employers' contributions to all National Insurance Schemes	248	243(b)	239	190

(a) Including bonus and commission payments but excluding negligible payments to outworkers in 1951, 1950 and 1948.

(b) Corrected figure.

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

## Larger establishments

	Great Britain		
	£'000		
	1951	1949	1948
Plant, machinery and vehicles			
Acquisitions			
Plant and machinery			
New	1,047	1,258	1,306
Second-hand	55	13	10
Vehicles			
New	140	56	69
Second-hand	14	8	5
Total acquisitions	1,257	1,335	1,390
Disposals			
Plant and machinery	21	14	49
Vehicles	29	4	5
Total disposals	50	19	54
New building work			
Capital expenditure on new building and other constructional work of a capital nature (excluding site values and development charges)	332	82	150

1951

Summary  
Larger establishments

TABLE 18

	England(a)	Wales(a)	Scotland	Great Britain
	£'000	£'000	£'000	£'000
Gross output (production)	28,716	..	2,823	31,539
Cost of materials and fuel used	11,386	..	1,224	12,610
Payment for work done on materials given out	171	..	13	184
Transport payments	2,100	..	203	2,303
Net output	15,058	..	1,384	16,442
Wages and salaries of persons employed	8,777	..	755	9,532
	No.	No.	No.	No.
Average number of persons employed (b)	22,937	..	1,928	24,865
	£	£	£	£
Net output per person employed (b)	657	..	718	661
	£'000	£'000	£'000	£'000
Stocks at end of year				
Products on hand for sale and work in progress	1,283	..	135	1,419
Materials and fuel	3,280	..	401	3,681
	No.	No.	No.	No.
Number of establishments	58	..	6	64

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

	England	Wales	Scotland	Great Britain
	£'000	£'000	£'000	£'000
Output of firms in this trade				
Total value of sales (see Table 20)	28,532	..	2,816	31,348
Changes in stocks and work in progress (see Table 21)	+ 184	..	+ 7	+ 191
Gross output (production)	28,716	..	2,823	31,539
Materials and fuel used by firms in this trade				
Purchases	12,189	..	1,280	13,469
Changes in stocks (see Table 21)	- 802	..	- 57	- 859
Materials and fuel used	11,386	..	1,224	12,610

(a) Owing to the risk of disclosure of information relating to individual firms, particulars for Wales cannot be given separately and have been included with those for England.

(b) Excluding outworkers but including working proprietors.

TABLE 19 - Summary: Small firms

See Table 2. There were no small firms in Wales or Scotland in the register for this trade.

## COUNTRY TABLES

Sales in the trade  
Larger establishments

TABLE 20

	England and Wales		Scotland		Great Britain	
	Quantity	Value	Quantity	Value	Quantity	Value
	Th.gross	£'000	Th.gross	£'000	Th.gross	£'000
Principal products						
Glass containers (other than scientific and domestic glassware and containers made from tubing)						
Milk bottles	..	(a)	..	(a)	1,754 Th.cwts. 2,379	3,211
Beer, wine, spirit and similar bottles						
Bottles, jars and containers						
For preserved foods	18,547 Th.cwts.	18,369	1,909 Th.cwts.	2,472	Th.gross 20,456 Th.cwts. 13,806	20,841
For chemicals, drugs, medicines and medicinal preparations	11,712		2,093			
For perfumes, cosmetics and toilet preparations						
For all other purposes (except syphons complete, syphon vases sold as such, fitted vacuum flasks and jars and similar containers, and glass inners and refills for vacuum flasks whether silvered, exhausted and sealed or not)	Th.gross 4,444 Th.cwts. 1,995	3,178	Th.gross 138 Th.cwts. 151	209	Th.gross 4,581 Th.cwts. 2,146	3,386
Containers made from tubing, other than scientific and domestic glassware	Th.gross					
Syphons, complete, and syphon vases sold as such	5	144	-	-	5	144
Glass stoppers and covers for containers, sold separately						
Fitted vacuum flasks and jars and similar vacuum vessels, and glass inners and refills for vacuum flasks, whether silvered, exhausted and sealed or not	..	1,257	-	-	..	1,257
Work done (including repair work)		(a)		(a)		276(b)
Total principal products		26,327		2,789		29,115
Other output						
Domestic and fancy glassware	..	1,689	-	-	..	1,689
Other glassware	..	155	-	-	..	155
Other goods	..	362	..	27	..	389
Total		28,532		2,816		31,348

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

(b) Amount charged.

Stocks of products on hand for sale and work in progress,  
and stocks of materials and fuel

## Larger establishments

TABLE 21

		£'000		
		England and Wales	Scotland	Great Britain
Products on hand for sale	{ at beginning of year at end of year	(a)	(a)	1,180 1,355
Work in progress	{ at beginning of year at end of year			48 63
Total products on hand for sale and work in progress	{ at beginning of year at end of year	1,099 1,283	129 135	1,228 1,419
Materials and fuel	{ at beginning of year at end of year	2,478 3,280	344 401	2,823 3,681

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

Employment in September  
Larger establishments (a) (b)

TABLE 22

	Number		
	England and Wales	Scotland	Great Britain
(i) Operatives			
Males			
Under 18	859	87	946
All ages	16,454	1,489	17,943
Females			
Under 18	305	10	315
All ages	4,129	176	4,305
Total			
Under 18	1,164	97	1,261
All ages	20,583	1,665	22,248
(ii) Administrative, technical and clerical employees			
Males			
Under 18	51	6	57
All ages	1,687	201	1,888
Females			
Under 18	117	10	127
All ages	770	70	840
Total			
Under 18	168	16	184
All ages (c)	2,457	271	2,728

(continued overleaf)



## COUNTRY TABLES

TABLE 22 (contd.)

(iii) Total employees

	England and Wales	Scotland	Great Britain
Males			
Under 18	910	93	1,003
All ages	18,141	1,690	19,831
Females			
Under 18	422	20	442
All ages	4,899	246	5,145
Total			
Under 18	1,332	113	1,445
All ages (c)	23,040	1,936	24,976

(a) Excluded employees. The number of persons employed at the larger establishments in this trade but not included in the above tables or in any other Census of Production report (e.g., employees engaged in merchandising) are shown in Table 22(v) below.

(b) Number employed in the week ended September 22, 1951.

(c) Working proprietors. In addition working proprietors, shown in Table 22(iv) below, were engaged in this trade in larger establishments.

(iv) Working proprietors

	England and Wales	Scotland	Great Britain
Males	1	-	1
Females	-	-	-
Total	1	-	1

(v) Excluded employees

	England and Wales	Scotland	Great Britain
Canteen workers			
Males	32	-	32
Females	304	25	329
Total	336	25	361
Other workers			
Males	14	-	14
Females	-	-	-
Total	14	-	14
Total excluded employees	350	25	375

Average employment  
Larger establishments (a)

TABLE 23

	England and Wales	Scotland	Great Britain
Operatives	20,503	1,656	22,159
Administrative, technical and clerical employees	2,433	272	2,705
Total	22,936	1,928	24,864

(a) For employment in small firms (employing on the average ten or fewer persons) that made satisfactory returns see Table 2. There were no small firms in Wales or Scotland in the register for this trade.

Outworkers. In addition to the employees shown above the firms in England and Wales in this trade employed a small number of female outworkers.

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

Larger establishments

TABLE 24

	England and Wales	Scotland	Great Britain
Wages and salaries (a) of			
Operatives	7,397	620	8,017
Administrative, technical and clerical employees	1,380	135	1,515
Total	8,777	755	9,532
Employers' contributions to all National Insurance Schemes	228	20	248

(a) Including bonus and commission payments but excluding negligible payments to outworkers in England and Wales.

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

Larger establishments

TABLE 25

	England and Wales	Scotland	Great Britain
Plant, machinery and vehicles			
Acquisitions			
Plant and machinery			
New	949	99	1,047
Second-hand	(a)	(a)	55
Vehicles			
New	130	10	140
Second-hand	(a)	(a)	14
Total acquisitions	1,121	137	1,257
Disposals			
Plant and machinery	21	-	21
Vehicles	17	13	29
Total disposals	37	13	50
New building work			
Capital expenditure on new building and other constructional work of a capital nature (excluding site values and development charges)	325	6	332

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

## COUNTRY TABLES

Payments for transport services for finished goods  
sold and materials and fuel purchased

## Larger establishments

	E'000		
	England and Wales	Scotland	Great Britain
Amounts paid to other firms and undertakings	1,853	203	2,056
Amount paid or credited to firms' own separate transport organisations	247	-	247
<b>Total</b>	<b>2,100</b>	<b>203</b>	<b>2,303</b>

The following brief notes refer to Great Britain and, unless otherwise stated, to the census of production for 1951. Reference should be made to the separate 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 greater 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 particular address (e.g., a factory). Offices, warehouses and other ancillary places of business situated 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 persons 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 working 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, experimental, 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 persons engaged in merchanting or any other activity not covered by a firm's return who are shown separately 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 part-time 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, bonuses, 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 purchased includes all purchases during the year of materials for use in production and of fuel (including oil, gas, and electricity for all purposes, including heating and lighting); all packing materials, including the full cost of returnable containers when first purchased; workshop materials; office materials; water charges; materials for repairs to firms' own buildings, plant and vehicles when carried out by

## 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 ex-works 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 information 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, Scotland and Northern Ireland.

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

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.

Table 10 shows the sales by establishments in the trade of products other than those regarded as principal products of the trade.

Table 20 (or 20(i)) shows sales by establishments in the trade of products, whether principal products or not, 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.

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