



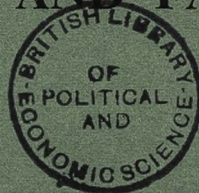
BOARD OF TRADE

THE REPORT
on the
CENSUS OF PRODUCTION
FOR 1951

Volume 11

Trade I

PLASTIC GOODS AND FANCY ARTICLES



*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

PLASTIC GOODS AND FANCY ARTICLES

11/1/1

PLASTIC GOODS AND FANCY ARTICLES TRADE

THIS REPORT on the Plastic Goods and Fancy Articles Trade relates to establishments engaged wholly or mainly in the manufacture of electrical and mechanical components from plastic materials, hard haberdashery (except metal), smokers' requisites, lampshades (except glass), and toilet requisites and other fancy articles (except leather). The manufacture of complete accessories and fittings wholly or partly of plastic materials for the Motor Vehicle and Cycle, Mechanical and Electrical Engineering, Radio and Telecommunication, Scientific, Surgical and Photographic Instruments and Watch and Clock Trades is, so far as has been found practicable, excluded from this trade and classified to the appropriate parent trade. Establishments specialising in the manufacture of lampshades other than of glass were not covered by the 1937 Inquiry: Table 1 gives figures for 1935 relating to the sections of the trade included in the 1937 Inquiry as well as full totals for 1935.

This trade corresponds to minimum list heading 199(1) and part of 199(3) in the Standard Industrial Classification.

Any establishments in this trade in Northern Ireland were excluded in 1948; no production was recorded there in this trade for 1937 or 1935.

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.

PLASTIC GOODS AND FANCY ARTICLES TRADE

Summary

Larger establishments (a)

TABLE 1

	All sections of the trade					Sections of the trade covered by the 1937 Inquiry		All sections of the trade
	United Kingdom			Great Britain		United Kingdom		
	1951	1950	1949	1949(b)	1948	1937	1935	1935
	£'000	£'000	£'000	£'000	£'000	£'000	£'000	£'000
Gross output (production) (c)	34,955	28,676	25,764	..	27,705	5,201	4,594	4,965
Cost of materials and fuel used (d)	17,516	13,913	12,031	..	12,484	2,278	2,003	2,150
Payment for work done on materials given out	245	175	135	..	264	17	27	27
Transport payments (e)	312	..	..	..	..	..	..	..
Net output	16,882	14,588	13,598	..	14,957	2,906	2,564	2,788
Wages and salaries of persons employed	10,348	9,338	8,836	..	9,258	..	..	..
Average number of persons employed (f)	No. 34,208	No. 32,785	No. 32,190	..	No. 34,576	No. 17,523	No. 16,975	No. 18,654
Net output per person employed (f)	£ 494	£ 445	£ 422	..	£ 433	£ 166	£ 151	£ 149
Stocks at end of year	£'000	£'000	£'000	£'000	£'000	£'000	£'000	£'000
Products on hand for sale and work in progress	2,445	2,239	2,012	..	2,175	..	..	..
Materials and fuel	4,255	3,537	3,218	..	3,338	..	..	..
Number of establishments	No. 484	No. 471	No. 479	..	No. 470	..	No. 286	No. 323

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

	£'000	£'000	£'000	£'000	£'000	£'000	£'000	£'000
Output of firms in this trade (g)								
Principal products (h)	29,478	28,624	26,203	..	20,719	4,903	4,594	4,666
Other output (i)	5,018							
Changes in stocks and work in progress (j)	+ 459	+ 218	- 293	..	+ 343			
	34,955	28,842	25,910	..	27,824	5,201	4,594	4,965
Less payment for transport outwards (e)	..	166	146	..	119			
Gross output (production)	34,955	28,676	25,764	..	27,705	5,201	4,594	4,965
Materials and fuel used by firms in this trade								
Purchases	18,519	14,250	11,784	..	12,522	2,278	2,003	2,150
Changes in stocks (j)	-1,003	- 337	+ 247	..	- 38			
Materials and fuel used	17,516	13,913	12,031	..	12,484	2,278	2,003	2,150

- (a) For small firms' summary see Table 2.
 (b) Owing to the risk of disclosure of information relating to individual firms in Northern Ireland separate particulars for Great Britain cannot be given.
 (c) 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.
 (d) Amounts paid for delivery services are excluded for 1951 but included for other years.
 (e) 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.
 (f) Excluding outworkers but including working proprietors. For an estimate of the total number of persons employed in this trade see Table 3.
 (g) Total value of sales (1951, 1950, 1949 and 1948) or production for sale (1937 and 1935).
 (h) For details for 1951 and 1948 see Table 8.
 (i) For details for 1951 and 1948 see Table 10.
 (j) For details for 1951 see Table 21.

(88354/1)

Summary

Small firms (a)

TABLE 2

	Great Britain		United Kingdom	Great Britain	
	1951	1950	1949	1949	1948
Number of returns	573	490	524	512	522
Average number of persons employed (b)					
Males	1,596	1,407	1,451	1,423	1,443
Females	1,559	1,399	1,471	1,452	1,471
Total	3,155	2,806	2,922	2,875	2,914

(a) Small firms (employing on the average ten or fewer persons) that made satisfactory returns. No information about small firms was collected in Northern Ireland for 1951 or 1950.

(b) Including working proprietors.

Estimated average employment (a)

All firms

TABLE 3

	United Kingdom			Great Britain		Number
	1951	1950	1949	1949	1948	
As returned by firms						
Employing on the average more than ten persons (b)	34,208	32,785	32,190	(c)	34,576	
Employing on the average ten or fewer persons (d)	3,155(e)	2,806(e)	2,922	2,875	2,914	
Estimated average employment in firms not making satisfactory returns	37,363	35,591	35,112	(c)	37,490	
	384	371	477	477	639	
Estimated average employment in all firms	37,747(e)	35,962(e)	35,589	(c)	38,129	

(a) Including working proprietors.

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

(c) Owing to the risk of disclosure of information relating to individual firms in Northern Ireland separate particulars cannot be given.

(d) See Table 2.

(e) Excluding any small firms in Northern Ireland.

Analysis by size, 1951

Larger establishments in the United Kingdom

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	174	2,948	1,537	2,981	614	233	847	515
25 - 49	134	4,755	2,215	4,723	997	333	1,330	469
50 - 99	86	6,094	2,939	5,866	1,292	415	1,707	501
100 - 199	59	8,911	4,076	7,961	1,860	642	2,501	512
200 - 299	14	3,392	1,564	3,411	731	228	959	458
300 - 499	10	3,220	1,701	3,689	788	270	1,058	461
500 - 749	4	2,197	1,197	2,241	662	136	797	534
750 and over	3	3,439	1,654	3,336	864	283	1,148	496
Total	484	34,955	16,882	34,208	7,808	2,540	10,348	494

(a) Administrative, technical and clerical employees.

(88354/1)

Analysis by standard region, 1951

Larger establishments in the United Kingdom

TABLE 5

Region	Estab-lish-ments	Gross output	Net output		Persons employed	Remuneration			Net output per person employed
			Value	Percentage of total		Operatives	Other employees (a)	Total	
England and Northern Ireland	No.	£'000	£'000		No.	£'000	£'000	£'000	£
Northern	23	2,141	1,021	6.0	2,414	494	121	615	423
East and West Ridings	33	2,299	1,142	6.8	2,436	582	145	727	469
North Midland	23	1,008	508	3.0	1,000	207	69	276	508
Eastern	26	2,413	1,118	6.6	1,933	439	187	626	578
London and South Eastern	218	15,668	7,562	44.8	15,027	3,562	1,197	4,759	503
Southern	12	580	267	1.6	583	114	40	154	458
South Western	14	392	210	1.2	483	102	36	137	435
Midland	73	5,846	2,896	17.2	5,577	1,284	425	1,709	519
North Western; and Northern Ireland	38	2,715	1,237	7.3	2,870	640	188	828	431
Total England and Northern Ireland	460	33,061	15,961	94.5	32,323	7,423	2,408	9,831	494
Wales	13	1,194	615	3.6	1,257	236	89	326	489
Scotland	11	699	306	1.8	628	149	42	191	487
United Kingdom	484	34,955	16,882	100.0	34,208	7,808	2,540	10,348	494

(a) Administrative, technical and clerical employees.

Analysis according to specialisation within the trade, 1951

Larger establishments in the United Kingdom

TABLE 6

	Establish-ments	Gross output	Sales of charac-teristic products	Net output	Persons employed	Remuneration			Net output per person employed
						Operatives	Other employees (a)	Total	
Specialist producers of plastic goods (b)	No.	£'000	£'000	£'000	No.	£'000	£'000	£'000	£
Specialist producers of plastic goods (b)	280	25,477	20,477	12,059	23,586	5,649	1,822	7,471	511
Remainder of the trade	204	9,478		4,823	10,622	2,159	717	2,877	454
Total	484	34,955		16,882	34,208	7,808	2,540	10,348	494

(a) Administrative, technical and clerical employees.

(b) The fall between 1948 and 1951 in the number of establishments that are specialist producers of plastic goods can be attributed to re-classification in 1951 of establishments making complete accessories and fittings to the appropriate parent trade (see Introductory note on page 1). In the 1948 report on this trade, £15,340,000 should be substituted for the published figure for sales of characteristic products by specialist producers of plastic goods.

TABLE 7 - Total make of intermediate products: Larger establishments

Owing to the risk of disclosure of information relating to individual firms particulars of total make of certain intermediate products cannot be given.

Sales of the principal products of the trade, including sales of these products by establishments classified to other trades

Larger establishments

TABLE 8

	United Kingdom 1951			Great Britain 1948	
	Quantity	Value	Entries	Quantity	Value
Buttons	Th.gross	£'000	No.	Th.gross	£'000
Of plastic materials					
Moulded	9,638	1,186	40	5,584	771
Fabricated	4,177	1,320	40	5,151	1,788
Of dum or corozo	1,863	227	..	1,801	255
Of mother of pearl and other nacreous shell	141	130	7	203	142
	..	33			
Of other materials (except metal or glass) (a)	1,964	498	17	560	178
	..	69		..	25
Total buttons	17,782	3,361	..	13,299	3,134
	..	101		..	25
Hair combs					
Of plastic materials					
Moulded	618	743	25	555	857
	..	167		..	209
Fabricated	27	126	5	44	171
Of other materials (except metal) (b)	10	51	6	19	75
	..	10		..	10
Total hair combs	655	920	..	618	1,104
	..	177		..	219
Haberdashery and accessories (except buttons) and components of plastic materials					
Hair pins and slides (including hair curlers and wavers)	207.6	163	16	356.9	223
				..	84
Other descriptions of haberdashery, etc. and parts thereof of plastic materials (e.g., knitting needles, collar studs, buckles, etc.)	..	595	45	..	468
Lampshades and reflectors (except for motors or cycles)					
Of plastic materials					
Moulded	32.5	341	21	18.4	108
	..	57		..	13
Fabricated	17.1	515	25	6.5	414
				..	85
Of other materials (except glass) (c)	10.3	174	26	14.8	234
	..	312		..	111
Toilet requisites					
Powder puffs and compacts, including parts thereof (d)	..	1,458	27	..	643
Toilet containers (e.g., powder bowls, denture baths, soap cases, boxes) and parts thereof of plastic and other materials (except glass) (e)	..	617	37	..	388
Other toilet requisites	..	1,300	53	..	451

TABLE 8 (contd.)

	United Kingdom 1951			Great Britain 1948	
	Quantity	Value	Entries	Quantity	Value
	Th.gross	£'000	No.	Th.gross	£'000
Smokers' requisites					
Pipes for smoking tobacco (except clay pipes) (f)	18.4	795	18	18.6	859
Other smokers' requisites (g)	..	739	68	..	482
Cases for jewellery, cutlery, spectacles, etc.	..	1,155	48	..	858
	Cwts.			Cwts.	
Caps and other closures of plastic materials for bottles, jars and tubes	32,079	731	40	34,244	941
	..	1,036		..	423
Display fittings and advertising novelties					
Of plastic materials	..	751	59	..	242
Of other materials (except wood) (i)	..	185	15	..	121
Horn, ivory, bone, mother of pearl, etc., cut, turned and polished	1,680	24(h)	..	991	31
	..	47		..	39
Articles of plastic materials for the preparation and serving of food or drink					
Cups, mugs and beakers	6,996	179	39	..	..
	..	109		..	..
Plates and saucers	2,262	65	33	..	1,525
	..	55		..	..
Other	43,245	647	67	..	..
	..	274		..	..
Picture and photograph frames of plastic and other materials (except wood) (i)	..	161	16	..	118
Furniture of plastic materials	..	111	11	..	129
	Th.gross				
Ladies' handbags, pochettes and sling bags of materials other than plastic, leather or leathercloth (j)	0.7	88	..	..	94
Flooring, flooring tiles, skirting and the like, of plastic materials (h)	Th.sq.yds.				
	55	28	8	..	..
	..	104		..	..
Fancy goods, not elsewhere specified					
Of plastic materials	..	753	62	..	389
Of other materials (except leather or leathercloth)	..	919	63	..	537
Components and semi-manufactured goods, wholly or partly of plastic materials (k)					
For the Electrical, Radio and Musical Industries	Th. tons			Th. tons	
Electrical insulating material of synthetic resins (h)	2.2	1,132	19	1.4	559
	..	..	..	..	187
Battery cases	Th.gross			Th.gross	
	5.6	95	9	5.0	139
	..	141		..	62
Radio cabinets	Thous.			Thous.	
	605.2	392	9	878.1	470
	..	..	..	..	128
Other electrical, etc. components, (except torch cases, telephone instruments and components, electrical apparatus and complete lighting and wiring accessories) (l)	..	3,524	94	..	2,198

TABLE 8 (contd.)

	United Kingdom 1951			Great Britain 1948	
	Quantity	Value	Entries	Quantity	Value
		£'000	No.		£'000
Components and semi-manufactured goods, wholly or partly of plastic materials (k) (contd.)					
For the Optical, Scientific Instruments and Clock Trades (except spectacle and eyeglass frames and mountings; lenses not optically worked; photographic apparatus and parts, and clock cases) (m)	..	77	29	..	136
For the Motor and Cycle Trade	..	1,218	59	..	762
For the Mechanical Engineering Trade	..	826	43	..	338
Furnishing hardware (e.g., bathroom fittings, door furniture, sanitary ware)	..	1,765	53	..	1,116
Handles and knobs (other than for umbrellas and sunshades), not elsewhere specified (n)	..	1,135	69	..	739
Technical mouldings, fabricated materials, and components, not elsewhere specified	..	2,067	95	..	1,389
Other miscellaneous components and semi-manufactured goods, not elsewhere specified	..	3,202	99	..	869
Unclassified	..	394	6	-	-
Vulcanised fibre articles, not elsewhere specified	..	286	10	..	225
Other and unclassified goods of plastic materials	..	614	36	..	1,362
Waste products	..	119	96	..	66(o)
Repair work (p)	..	56	42	..	46
Work done for the trade or on commission (p)	..	224	44	..	300
Total		36,343	..		25,586
Sales in other trades (see Table 9)		6,865	..		4,867
Principal products of this trade sold by establishments in the trade		29,478	450		20,719

- (a) For metal and glass buttons see the Needles, Pins, Fish Hooks and Metal Smallwares Trades (Volume 5, Trade G) and the Glass (Other than Containers) Trade (Volume 1, Trade I).
- (b) For metal combs see the Needles, Pins, Fish Hooks and Metal Smallwares Trades (Volume 5, Trade G).
- (c) For glass lampshades see the Glass (Other than Containers) Trade (Volume 1, Trade I).
- (d) Other than compacts of precious metals for which see the Jewellery and Plate Trade (Volume 5, Trade J).
- (e) For glass containers see the Glass Containers Trade (Volume 1, Trade H).
- (f) For clay tobacco pipes, see the China and Earthenware Trade (Volume 1, Trade G).
- (g) For cigarette cases of precious metals see the Jewellery and Plate Trade (Volume 5, Trade J); for tobacco pouches of rubber and leather see the Rubber Trade (Volume 11, Trade A) and the Leather Goods Trade (Volume 7, Trade F).
- (h) So far as recorded separately.
- (i) For display fittings and advertising novelties, and picture and photographic frames of wood see the Timber Trade (Volume 10, Trade A).
- (j) For ladies' handbags, pochettes and sling bags, see the Leather Goods Trade (Volume 7, Trade F).
- (k) Excluding complete accessories and fittings which have, so far as possible, been classified as principal products of appropriate trades (see Table 10).
- (l) For telephone instruments and components see the Radio and Telecommunications Trade (Volume 4, Trade M); for lighting and wiring accessories, the Electric Lighting Accessories and Fittings Trade (Volume 4, Trade O); for torch cases and other electrical apparatus, the Electrical Engineering (General) Trade (Volume 4, Trade K).
- (m) For spectacles, lenses and other optical and photographic apparatus and fittings see the Scientific, Surgical and Photographic Instruments, etc. Trades (Volume 5, Trade H); for clocks and parts thereof see the Watch and Clock Trade (Volume 5, Trade I).
- (n) For handles and knobs for umbrellas and sunshades see the Umbrella and Walking Stick Trade (Volume 7, Trade K).
- (o) Excluding scrap metals.
- (p) Amount charged.

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

Larger establishments

TABLE 9

	United Kingdom 1951			Great Britain 1948	
	Quantity	Value	Entries	Quantity	Value
	Th.gross	£'000	No.	Th.gross	£'000
Buttons of plastic and other materials (except dum or corozo, mother of pearl and other nacreous shell, metal or glass)	1,460	225	5	1,015	216
Hair combs of moulded plastic materials and of other materials (except metal or glass)	157	233	8	30	88
Haberdashery and accessories (except buttons) and components of plastic materials	..	51	..	..	64
Lampshades and reflectors (other than for motors or cycles) of plastic and other materials (except glass)	..	58	6	..	183
Toilet requisites	0.1	4	5	1.1	7
Toilet containers (e.g., powder bowls, denture baths, soap cases, boxes) and parts thereof of plastic and other materials (except glass)	..	187	..	..	68
Other toilet requisites, including powder puffs and compacts, and parts thereof	..	33	..	..	39
Smokers' requisites, other than pipes for smoking tobacco	..	172	9	6.9	71
Cases for jewellery, cutlery, spectacles, etc.	..	40	6	..	78
Display fittings and advertising novelties of plastic materials	..	165	15	..	91
Picture and photograph frames of plastic and other materials (except wood)	..	189	12	..	194
Articles of plastic materials for the preparation and serving of food or drink	..	37	..	..	47
Cups, mugs and beakers	Cwts. 403	9	5	..	99
Other, including plates and saucers	..	10	..	..	..
Furniture of plastic materials	..	264	12	..	26
Ladies' handbags, pochettes and sling bags of materials other than plastic, leather or leather cloth	..	55	..	..	27
Flooring, flooring tiles, skirting and the like, of plastic materials	Th.sq.yds. 55	28	..	..	..
Fancy goods, not elsewhere specified	..	36	..	..	..
Of plastic materials	..	344	15	..	83
Of other materials (except leather or leathercloth)	..	159	18	..	152
Components and semi-manufactured goods, wholly or partly of plastic materials	..	..	..	..	..
For the Electrical, Radio and Musical Industries	Th.tons	..	..	..	..
Electrical insulating material of synthetic resins	2.0	1,016	19	..	974
Battery cases, radio cabinets and other electrical, etc. components (except torch cases, telephone instruments and components, electrical apparatus, and complete lighting and wiring accessories)	..	737	11	..	..

TABLE 9 (contd.)

	United Kingdom 1951			Great Britain 1948	
	Quantity	Value	Entries	Quantity	Value
		£'000	No.		£'000
Components and semi-manufactured goods, wholly or partly of plastic materials (contd.)					
For the Optical, Scientific Instruments and Clock Trades (except spectacle and eyeglass frames and mountings; lenses not optically worked; photographic apparatus and parts; and clock cases) and for the Motor and Cycle and Mechanical Engineering Trades	..	232	8	..	24
Furnishing hardware (e.g., bathroom fittings, door furniture, sanitary ware)	..	236	8	..	83
Handles and knobs (other than for umbrellas and sunshades), not elsewhere specified	..	18	..	..	74
Technical mouldings, fabricated materials, and components, not elsewhere specified	..	269	15	..	678
Other miscellaneous components and semi- manufactured goods, not elsewhere specified	..	1,047	24	..	266
Unclassified	..	423	6	-	-
Vulcanised fibre articles, not elsewhere specified	..	137	..	..	128
Other and unclassified goods of plastic materials, including caps and closures for bottles, jars and tubes	..	689	13	..	982
Repair work and work done for the trade or on commission	..	-	-	..	125(a)
Total		6,865	..		4,867

(a) Amount charged.

Sales in the trade of other than principal products

Larger establishments

TABLE 10

	United Kingdom 1951		Great Britain 1948	
	Quantity	Value	Quantity	Value
	Th.cwts.	£'000	Th.cwts.	£'000
Plastic materials (sheet, rod, tube, solid and liquid resins, etc.)	22.7	342	26.1	559
Manufactures of leather or materials resembling leather	..	..	..	182
Ladies' handbags, pochettes and sling bags of plastic materials	..	338	..	23
Other	..	44	..	68
Cardboard boxes, stationery and other paper goods	..	152	1.7	28
			..	19

TABLE 10 (contd.)

	United Kingdom 1951		Great Britain 1948	
	Quantity	Value £'000	Quantity	Value £'000
Furniture, cabinetware, boxes, cases, etc. of timber	..	345	..	110
Chemical manufactures, other than plastic materials	..	124	..	126
Toys and games				
Of plastic materials	..	870	..	1,390
Of other materials	..	73	..	..
Sports requisites	..	54	..	213
Pens, pencils and other stationers' goods	..	187	..	508
Complete accessories and fittings, wholly or partly of plastic materials				
Telephone instruments and components	..	136	..	665
Lighting and wiring accessories and fittings	..	470	..	320
Other electrical apparatus and fittings	..	328	..	225
Machinery parts and other engineering products	..	317	..	205
Optical and scientific instruments and appliances, and photographic apparatus	..	345	..	145
Other goods wholly or partly of plastic materials	..	197	..	653(a)
Manufactures of rubber, vulcanite and ebonite	-	-	..	251
Other goods wholly or mainly of metal	..	446	..	321
Other manufactures	..	245	..	669
Work done (b)		5		84
Total		5,018		6,762

(a) Including unclassified goods wholly or partly of plastic materials.
(b) Amount charged.

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

TABLE 11

		Production (b) (c)	Exports (d)	Retained imports (e)
		Th. gross	Th. gross	Th. gross
Buttons	Of plastic materials	{ 1951 13,814	2,072	145
		{ 1948 10,734	824	108
	Of dum or corozo	{ 1951 1,863	99	2,730
		{ 1948 1,801	59	1,192
Total of plastic materials, dum or corozo	{ 1951 15,677	2,171	2,875	
	{ 1948 12,536	882	1,300	
	{ 1937 5,557	126 (f)	7,049 (f)	
Of other materials (except metal or glass)	{ 1951 2,411 (g)	402 (f)	2,517 (f)	
	{ 1948 864 (g)	340 (f)	1,325 (f)	
	{ 1937 716	403	6,228	
Hair combs	Of plastic materials	{ 1951 757 (g)	142 (h)	..
		{ 1948 735 (g)	72 (h)	..
Of other materials	{ 1951 11 (g) (i)	16 (h)	..	
	{ 1948 22 (g) (i)	20 (h)	..	
Total hair combs	{ 1951 769 (g) (i)	158 (h)	3 (h)	
	{ 1948 757 (g) (i)	92 (h)	2	
	{ 1937 188 (i)	37	96	

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TABLE 11 (contd.)

		Production (b) (c)	Exports (d)	Retained imports (e)
		£'000	£'000	£'000
Lampshades and reflectors (except for motors or cycles), other than glass	{ 1951 1,393	98 (j)	..	
	{ 1948 966	92 (j)	..	
Pipes for smoking tobacco (except clay pipes)	Th. doz.	Th. doz.	Th. doz.	
	{ 1951 221	168 (k)	415 (k)	
	{ 1948 223	180 (k)	513 (k)	
	{ 1937 491 (k)	298 (k)	840 (k)	
Articles of plastic materials for the preparation and serving of food or drink	{ 1951 1,330	131	..	
	{ 1948 1,525	45	..	
Furniture and parts thereof of plastic materials	{ 1951 111	7 (l)	..	
	{ 1948 129	5 (l)	..	
Furnishing hardware (e.g., bathroom fittings, door furniture, sanitary ware) wholly or partly of plastic materials	{ 1951 1,765	165	..	
	{ 1948 1,116	130	..	

(a) Figures of production (or sales) refer only to larger establishments in the United Kingdom (1951 and 1937) or Great Britain (1948). 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) Valued f.o.b.

(e) Valued c.i.f.

(f) Including glass buttons.

(g) Partly estimated.

(h) Including blanks for combs.

(i) Other than metal.

(j) Lampshades (other than glass) for electric lighting.

(k) May include some clay pipes.

(l) Furniture with frames wholly or mainly of plastic materials.

Usage of certain specified purchased materials, 1951

Larger establishments in the United Kingdom

TABLE 12

Materials used	Quantity
	Th. sq. yds.
Woven cotton cloth	994.8
Woven cloth of rayon, nylon, etc., or of rayon, nylon, etc. mixed with materials other than silk	520.7

Employment in September

Larger establishments (a)

TABLE 13
(i) Operatives

	All sections of the trade					Sections of the trade covered by the 1937 Inquiry	Number	
	United Kingdom			Great Britain		United Kingdom		
	1951 (b)	1950 (b)	1949 (b)	1949 (c)	1948 (d)	1937 (d)	1935 (d)	1935 (d)
Males								
Under 18	692	628	665	..	806	1,180	1,223	1,305
All ages	12,186	11,927	11,536	..	13,335	6,451	6,210	6,451
Females								
Under 18	1,922	1,578	1,640	..	1,982	3,423	3,098	3,585
All ages	17,086	15,776	15,152	..	15,905	9,063	8,734	9,952
Total								
Under 18	2,614	2,206	2,305	..	2,788	4,603	4,321	4,890
All ages	29,272	27,703	26,688	..	29,240	15,514	14,944	16,403

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(continued overleaf)

TABLE 13 (contd.)

(ii) Administrative, technical and clerical employees (e)								Number
	All sections of the trade					Sections of the trade covered by the 1937 Inquiry		All sections of the trade
	United Kingdom			Great Britain		United Kingdom		
	1951	1950	1949	1949(c)	1948	1937	1935	
Males								
Under 18	55	45	58	..	109	85	58	61
All ages	2,889	2,961	2,833	..	2,981	1,139	1,146	1,252
Females								
Under 18	286	258	254	..	298	192	167	187
All ages	2,348	2,212	2,146	..	2,277	870	885	999
Total								
Under 18	341	303	312	..	407	277	225	248
All ages	5,237(f)	5,173(f)	4,979(f)	..	5,258(f)	2,009	2,031	2,251

(iii) Total employees								Number
	All sections of the trade					Sections of the trade covered by the 1937 Inquiry		All sections of the trade
	United Kingdom			Great Britain		United Kingdom		
	1951	1950	1949	1949(c)	1948	1937	1935	
Males								
Under 18	747	673	723	..	915	1,265	1,281	1,366
All ages	15,075	14,888	14,369	..	16,316	7,590	7,356	7,703
Females								
Under 18	2,208	1,836	1,894	..	2,280	3,615	3,265	3,772
All ages	19,434	17,988	17,298	..	18,182	9,933	9,619	10,951
Total								
Under 18	2,955	2,509	2,617	..	3,195	4,880	4,546	5,138
All ages	34,509(f)	32,876(f)	31,667(f)	..	34,498(f)	17,523	16,975	18,654

(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 (employees in Great Britain engaged, for example, in merchanting and in Northern Ireland canteen and welfare workers):-

Canteen workers	10 Males	296 Females
Other workers	106 Males	95 Females

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

(c) Owing to the risk of disclosure of information relating to individual firms in Northern Ireland separate particulars for Great Britain cannot be given.

(d) Average for the year.

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

(f) 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						Number
	United Kingdom			Great Britain		
	1951	1950	1949	1949	1948	
Males	66	65	71	..	70	
Females	6	7	6	..	8	
Total	72	72	77	..	78	

Average employment

Larger establishments (a)

TABLE 14

	All sections of the trade					Sections of the trade covered by the 1937 Inquiry		All sections of the trade
	United Kingdom			Great Britain		United Kingdom		
	1951	1950	1949	1949(b)	1948	1937	1935	
Operatives	28,986	27,560	27,094	..	29,240	15,514	14,944	16,403
Administrative, technical and clerical employees	5,150	5,153	5,019	..	5,258(c)	2,009(c)	2,031(c)	2,251(c)
Total	34,136	32,713	32,113	..	34,498	17,523	16,975	18,654

(a) For employment in small firms (employing on the average ten or fewer persons) that made satisfactory returns see Table 2.

(b) Owing to the risk of disclosure of information relating to individual firms in Northern Ireland separate particulars for Great Britain cannot be given.

(c) In week ended September 25, 1948, October 16, 1937, and October 12, 1935. The 1937 and 1935 figures include working proprietors.

Outworkers. In addition to the employees shown above the firms in this trade employed outworkers whose numbers are shown below.

	United Kingdom			Great Britain		United Kingdom	
	1951	1950	1949	1949	1948	1937	1935
Males	39	46	21	..	24	11	22
Females	2,583	2,125	1,830	..	1,658	398	432
Total	2,622	2,171	1,851	..	1,682	409	454

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	7,248	57,973	21
Continuous 4 shift systems per 24 hours averaging 6 hours per shift	-	-	-
All 2 shift systems	16,195	167,446	73
Other shift systems	-	-	-
Total	23,443	225,419	(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	..	90	..	13,726	4,547
Percentage of total in trade	100.0	20.0(c)	100.0	47.0(c)	16.0(c)
Percentage of total on returns showing shift-work				100.0	33.1

(c) Rounded to avoid disclosure.

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

Larger establishments

	United Kingdom			Great Britain	
	1951	1950	1949	1949(a)	1948
Wages and salaries (b) of					
Operatives	7,808	6,901	6,594	..	7,005
Administrative, technical and clerical employees	2,540	2,437	2,242	..	2,253
Total	10,348	9,338	8,836	..	9,258
Employers' contributions to all National Insurance Schemes	309	298	286	..	252

(a) Owing to the risk of disclosure of information relating to individual firms in Northern Ireland separate particulars for Great Britain cannot be given.

(b) Including bonus and commission payments, but excluding payments to outworkers shown below.

United Kingdom			Great Britain	
1951	1950	1949	1949	1948
180	155	130	..	118

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

Larger establishments

	United Kingdom		Great Britain	
	1951	1949	1949(a)	1948
Plant, machinery and vehicles				
Acquisitions				
Plant and machinery				
New	797	712	..	841
Second-hand	39	47	..	22
Vehicles				
New	118	78	..	56
Second-hand	82	27	..	29
Total acquisitions	1,036	864	..	949
Disposals				
Plant and machinery	41	140	..	54
Vehicles	48	32	..	21
Total disposals	89	172	..	75
New building work				
Capital expenditure on new building and other constructional work of a capital nature (excluding site values and development charges)	192	333	..	188

(a) Owing to the risk of disclosure of information relating to individual firms in Northern Ireland separate particulars for Great Britain cannot be given.

1951

Summary

Larger establishments

TABLE 18

	England(a)	Wales	Scotland	Great Britain	Northern Ireland (a)	United Kingdom
	£'000	£'000	£'000	£'000	£'000	£'000
Gross output (production)	33,061	1,194	699	..	..	34,955
Cost of materials and fuel used	16,581	558	377	..	..	17,516
Payment for work done on materials given out	235	3	7	..	..	245
Transport payments	284	18	9	..	..	312
Net output	15,961	615	306	..	..	16,882
Wages and salaries of persons employed	9,831	326	191	..	..	10,348
	No.	No.	No.	No.	No.	No.
Average number of persons employed (b)	32,323	1,257	628	..	..	34,208
	£	£	£	£	£	£
Net output per person employed (b)	494	489	487	..	..	494
	£'000	£'000	£'000	£'000	£'000	£'000
Stocks at end of year						
Products on hand for sale and work in progress	2,276	55	114	..	..	2,445
Materials and fuel	4,035	99	121	..	..	4,255
	No.	No.	No.	No.	No.	No.
Number of establishments	460	13	11	..	..	484

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						
Total value of sales (see Table 20)	32,662	1,171	663	..	..	34,496
Changes in stocks and work in progress (see Table 21)	+ 399	+ 23	+ 37	..	..	+ 459
Gross output (production)	33,061	1,194	699	..	..	34,955
Materials and fuel used by firms in this trade						
Purchases	17,506	605	408	..	..	18,519
Changes in stocks (see Table 21)	- 925	- 47	- 31	..	..	-1,003
Materials and fuel used	16,581	558	377	..	..	17,516

(a) Owing to the risk of disclosure of information relating to individual firms, particulars for Northern Ireland, where net output was less than 1 per cent. of that of the United Kingdom, cannot be given separately and have been included with those for England.

(b) Excluding outworkers but including working proprietors.

Summary

Small firms in Great Britain (a)

TABLE 19

	England	Wales	Scotland	Great Britain
Number of returns	544	4	25	573
Average number of persons employed (b)				
Males	1,513	10	73	1,596
Females	1,505	10	44	1,559
Total	3,018	20	117	3,155

(a) Small firms in Great Britain (employing on the average ten or fewer persons) that made satisfactory returns.

(b) Including working proprietors.

Sales in the trade
Larger establishments

TABLE 20

	England and Wales		Scotland		Great Britain		Northern Ireland		United Kingdom	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Principal products	Th. gross	£'000	Th. gross	£'000	Th. gross	£'000		£'000	Th. gross	£'000
Buttons										
Of dum or corozo	1,863	227	-	-	1,863	227	-	-	1,863	227
Of mother of pearl and other nacreous shell	141	130	-	-	141	130	-	-	141	130
Of plastic and other materials (except metal or glass)	14,318	2,779(a)	-	-	..	..	..	(a)	14,318	2,779
..	..	69	-	-	..	..	..	..	..	69
Total buttons	16,321	3,136(a)	-	-	..	..	..	(a)	16,321	3,136
..	..	101	-	-	..	..	..	..	..	101
Hair combs										
Of plastic materials, fabricated	..	(b)	..	(b)	27	126	-	-	27	126
Of moulded plastic materials and of other materials (except metal)	..	(b)	..	(b)	..	..	..	(b)	471	561
..	..	..	..	..	..	..	..	..	..	126
Total hair combs	..	(b)	..	(b)	..	..	..	(b)	498	688
..	..	..	..	..	..	..	..	..	..	126
Haberdashery and accessories (except buttons) and components of plastic materials	..	695	..	(b)	..	..	..	(b)	..	700
Lampshades and reflectors (except for motors or cycles) of plastic and other materials (except glass)	55.8	997	4.0	28	59.8	1,025	-	-	59.8	1,025
..	..	182	..	..	..	182	..	..	..	182
Toilet requisites										
Toilet containers (e.g., powder bowls, denture baths, soap cases, boxes) and parts thereof of plastic and other materials (except glass)	..	3,154	..	15	..	584	-	-	..	584
Other toilet requisites, including powder puffs and compacts and parts thereof	..	..	..	..	..	2,585	-	-	..	2,585
Smokers' requisites										
Pipes for smoking tobacco (except clay pipes)	18.4	795	-	-	18.4	795	-	-	18.4	795
Other smokers' requisites	..	(b)	..	(b)	..	698	-	-	..	698
Cases for jewellery, cutlery, spectacles, etc.	..	990	-	-	..	990	-	-	..	990
Display fittings and advertising novelties										
Of plastic materials	..	538	..	23	..	562	-	-	..	562
Of other materials (except wood)	..	185	-	-	..	185	-	-	..	185

OTHER MANUFACTURING INDUSTRIES COUNTRY TABLES

Picture and photograph frames of plastic and other materials (except wood)	..	(b)	..	(b)	..	124	-	-	..	124
Cwts.	..	..	..	..	..	..	..	..	..	..
Horn, ivory, bone, mother of pearl, etc., cut, turned and polished (c)	1,680	24	-	-	1,680	24	-	-	1,680	24
..	..	47	..	..	..	47	..	..	..	47
Articles of plastic materials for the preparation and serving of food or drink										
Cups, mugs and beakers	6,593	170	-	-	6,593	170	-	-	6,593	170
..	..	99	..	..	..	99	..	..	..	99
Other, including plates and saucers	..	(b)	..	(b)	..	..	..	(b)	45,243	704
..	..	..	..	..	..	..	..	..	..	273
Furniture of plastic materials	..	(b)	..	(b)	..	96	-	-	..	96
Ladies' handbags, pochettes and sling bags of materials other than plastic, leather or leathercloth	Th. gross				Th. gross				Th. gross	
..	0.7	88	-	-	0.7	88	-	-	0.7	88
Flooring, flooring tiles, skirting and the like, of plastic materials	..	(b)	..	(b)	..	68	-	-	..	68
Fancy goods, not elsewhere specified										
Of plastic materials	..	406	..	2	..	408	-	-	..	408
Of other materials (except leather or leathercloth)	..	(b)	..	(b)	..	..	..	(b)	..	760
Components and semi-manufactured goods, wholly or partly of plastic materials	Th. tons				Th. tons				Th. tons	
For the Electrical, Radio and Musical Industries										
Electrical insulating material of synthetic resins (c)	0.2	116	-	-	0.2	116	-	-	0.2	116
Battery cases, radio cabinets, and other electrical, etc. components, (except torch cases, telephone instruments and components, electrical apparatus, and complete lighting and wiring accessories)	..	3,406	..	(b)	..	..	..	(b)	..	3,414
For the Optical, Scientific Instruments and Clock Trades (except spectacle and eyeglass frames and mountings; lenses not optically worked; photographic apparatus and parts, and clock cases) and for the Motor and Cycle and Mechanical Engineering Trades	..	1,880	..	9	..	1,889	-	-	..	1,889
Furnishing hardware (e.g., bathroom fittings, door furniture, sanitary ware)	..	(b)	..	(b)	..	1,529	-	-	..	1,529
Handles and knobs (other than for umbrellas and sunshades), not elsewhere specified	..	1,105	..	11	..	1,117	-	-	..	1,117
Technical mouldings, fabricated materials, and components, not elsewhere specified	..	1,788	..	(b)	..	..	..	(b)	..	1,798
Other miscellaneous components and semi-manufactured goods, not elsewhere specified	..	(b)	..	(b)	..	..	..	(b)	..	2,155
Vulcanised fibre articles, not elsewhere specified	..	149	-	-	..	149	-	-	..	149
Other and unclassified goods of plastic materials, including caps and closures for bottles, jars and tubes	..	1,675	..	17	..	1,692	-	-	..	1,692

PLASTIC GOODS AND FANCY ARTICLES COUNTRY TABLES

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TABLE 20 (contd.)

	England and Wales		Scotland		Great Britain		Northern Ireland		United Kingdom	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Principal products (contd.)		£'000		£'000		£'000		£'000		£'000
Waste products	..	117	..	2	..	119	-	-	..	119
Repair work (d)		56		-		56		-		56
Work done for the trade or on commission (d)		224		-		224		-		224
Total principal products		28,975 (a)		603		..		(a)		29,478
Other output					Th.cwts.				Th.cwts.	
Plastic materials (sheet, rod, tube, solid and liquid resins, etc.)	..	(b)	..	(b)	22.7	342	-	-	22.7	342
Manufactures of leather or materials resembling leather										
Ladies' handbags, pochettes and sling bags of plastic materials	..	338	-	-	..	338	-	-	..	338
Other	..	44	-	-	..	44	-	-	..	44
Cardboard boxes, stationery and other paper goods	..	152	-	-	..	152	-	-	..	152
Furniture, cabinetware, boxes, cases, etc. of timber	..	(b)	..	(b)	..	345	-	-	..	345
Chemical manufactures, other than plastic materials	..	124	-	-	..	124	-	-	..	124
Toys and games										
Of plastic materials	..	868 (a)	..	1	..	..	..	(a)	..	870
Of other materials	..	73	-	-	..	73	-	-	..	73
Sports requisites	..	(b)	..	(b)	..	54	-	-	..	54
Pens, pencils and other stationers' goods	..	187	-	-	..	187	-	-	..	187
Complete accessories and fittings, wholly or partly of plastic materials										
Telephone instruments and components	..	136	-	-	..	136	-	-	..	136
Lighting and wiring accessories and fittings	..	(b)	..	(b)	..	470	-	-	..	470
Other electrical apparatus and fittings	..	(b)	..	(b)	..	328	-	-	..	328
Machinery parts and other engineering products	..	(b)	..	(b)	..	317	-	-	..	317
Optical and scientific instruments and appliances and photographic apparatus	..	(b)	..	(b)	..	345	-	-	..	345
Other goods wholly or partly of plastic materials	..	(b)	..	(b)	..	197	-	-	..	197
Other goods wholly or mainly of metal	..	446	-	-	..	446	-	-	..	446
Other manufactures	..	245 (a)	..	1	..	..	..	(a)	..	245
Work done (d)		5		-		5		-		5
Total		33,833 (a)		663		..		(a)		34,496

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

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

(c) So far as recorded separately.

(d) 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 (a)	Scotland	Great Britain	Northern Ireland (a)	United Kingdom
Products on hand for sale	{ at beginning of year	964	46	..	..	1,010
	{ at end of year	1,202	58	..	..	1,260
Work in progress	{ at beginning of year	944	32	..	..	976
	{ at end of year	1,128	57	..	..	1,185
Total products on hand for sale and work in progress	{ at beginning of year	1,908	78	..	..	1,986
	{ at end of year	2,331	114	..	..	2,445
Materials and fuel	{ at beginning of year	3,162	90	..	..	3,252
	{ at end of year	4,134	121	..	..	4,255

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

Employment in September

Larger establishments (a)(b)

TABLE 22

(i) Operatives

Number

	England and Wales (c)	Scotland	Great Britain	Northern Ireland (c)	United Kingdom
Males					
Under 18	680	12	..	..	692
All ages	11,937	249	..	..	12,186
Females					
Under 18	1,872	50	..	..	1,922
All ages	16,752	334	..	..	17,086
Total					
Under 18	2,552	62	..	..	2,614
All ages	28,689	583	..	..	29,272

(ii) Administrative, technical and clerical employees

Number

	England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom
Males					
Under 18	51	4	55	-	55
All ages	2,823(c)	66	..	(c)	2,889
Females					
Under 18	279	7	286	-	286
All ages	2,307(c)	41	..	(c)	2,348
Total					
Under 18	330	11	341	-	341
All ages (d)	5,130(c)	107	..	(c)	5,237

(continued overleaf)

TABLE 22 (contd.)

	(iii) Total employees				Number
	England and Wales (c)	Scotland	Great Britain	Northern Ireland (c)	United Kingdom
Males					
Under 18	731	16	..	..	747
All ages	14,760	315	..	..	15,075
Females					
Under 18	2,151	57	..	..	2,208
All ages	19,059	375	..	..	19,434
Total					
Under 18	2,882	73	..	..	2,955
All ages (d)	33,819	690	..	..	34,509

(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 (employees in Great Britain engaged, for example, in merchandising and in Northern Ireland canteen and welfare workers) are shown in Table 22(v) below.

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

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

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

	(iv) Working proprietors				Number
	England and Wales (c)	Scotland	Great Britain	Northern Ireland (c)	United Kingdom
Males	63	3	..	..	66
Females	6	-	..	..	6
Total	69	3	..	..	72

	(v) Excluded employees				Number
	England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom
Canteen workers					
Males	10	-	10	-	10
Females	294	2	296	-	296
Total	304	2	306	-	306
Other workers					
Males	98	8	106	-	106
Females	88	7	95	-	95
Total	186	15	201	-	201
Total excluded employees	490	17	507	-	507

Average employment
Larger establishments (a)

	TABLE 23				Number
	England and Wales (b)	Scotland	Great Britain	Northern Ireland (b)	United Kingdom
Operatives	28,468	518	..	..	28,986
Administrative, technical and clerical employees	5,043	107	..	..	5,150
Total	33,511	625	..	..	34,136

Outworkers. In addition to the employees shown above the firms in this trade employed outworkers whose numbers are shown below.

					Number
	England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom
Males	39	-	39	-	39
Females	2,583	-	2,583	-	2,583
Total	2,622	-	2,622	-	2,622

(a) For employment in small firms in Great Britain (employing on the average ten or fewer persons) that made satisfactory returns see Table 19.

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

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

TABLE 24

£'000

	England and Wales (a)	Scotland	Great Britain	Northern Ireland (a)	United Kingdom
Wages and salaries (b) of					
Operatives	7,659	149	..	..	7,808
Administrative, technical and clerical employees	2,498	42	..	..	2,540
Total	10,157	191	..	..	10,348
Employers' contributions to all National Insurance Schemes	303	6	..	..	309

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

(b) Including bonus and commission payments but excluding payments to outworkers shown below.

£'000

England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom
180	-	180	-	180

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

Larger establishments

£'000

	England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom
Plant, machinery and vehicles					
Acquisitions					
Plant and machinery					
New	781(a)	16	..	(a)	797
Second-hand	35	4	39	-	39
Vehicles					
New	117(a)	1	..	(a)	118
Second-hand	81	1	82	-	82
Total acquisitions	1,014(a)	23	..	(a)	1,036
Disposals					
Plant and machinery	40	-	41	-	41
Vehicles	48(a)	-	..	(a)	48
Total disposals	88(a)	-	..	(a)	89
New building work					
Capital expenditure on new building and other constructional work of a capital nature (excluding site values and development charges)	192	-	192	-	192

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

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

Larger establishments

£'000

TABLE 26

	England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom
Amounts paid to other firms and undertakings	294(a)	9	..	(a)	303
Amount paid or credited to firms' own separate transport organisations	9	-	9	-	9
Total	302(a)	9	..	(a)	312

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

GENERAL NOTES

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

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, merchant 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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