



BOARD OF TRADE

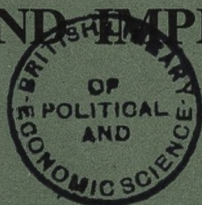
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THE REPORT
on the
CENSUS OF PRODUCTION
FOR 1951

Volume 5

Trade A

TOOL AND IMPLEMENT



*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

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TOOL AND IMPLEMENT TRADE

THIS REPORT on the Tool and Implement Trade relates to establishments engaged wholly or mainly in the manufacture of hand tools and implements, and electric portable power tools; engineers' small tools are excluded. Government establishments are included in each year from 1948 onwards.

This trade corresponds to minimum list heading 90(1) in the Standard Industrial Classification.

There were no larger establishments in Northern Ireland in the register for this trade in 1951 and 1950.

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.

TOOL AND IMPLEMENT TRADE

Summary

Larger establishments (a)

	United Kingdom			Great Britain		United Kingdom		
	1951	1950	1949	1949(b)	1948	1946	1937	1935
Gross output (production) (c)	£'000 32,927	£'000 27,768	£'000 25,719	£'000 ..	£'000 23,934	£'000 15,992	£'000 8,415	£'000 6,472
Cost of materials and fuel used (d)	14,199	11,735	10,654	..	9,274	5,986	3,269	2,396
Payment for work done on materials given out	390	229	299	..	289	154	133	65
Transport payments (e)	437	..	..	..	..	..	..	..
Net output	17,902	15,805	14,766	..	14,372	9,852	5,013	4,011
Wages and salaries of persons employed	10,592	9,638	9,058	..	8,477	5,765	..	..
	No.	No.	No.	No.	No.	No.	No.	No.
Average number of persons employed (f)	29,985	29,676	29,493	..	28,795	24,187	23,676	21,147
	£	£	£	£	£	£	£	£
Net output per person employed (f)	597	533	501	..	499	407	212	190
Stocks at end of year	£'000	£'000	£'000	£'000	£'000	£'000	£'000	£'000
Products on hand for sale and work in progress	3,403	2,718	2,551	..	2,476	1,595	..	..
Materials and fuel	3,256	2,657	2,480	..	2,313	1,346	..	..
	No.	No.	No.	No.	No.	No.	No.	No.
Number of establishments	319	342	355	..	333	..	..	260

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)	28,518	27,774	25,741	..	20,656(i)	16,042	6,677	5,157
Other output (j)	3,795							
Changes in stocks and work in progress (k)	+ 614	+ 223	+ 165	..	+ 220	+ 101		
	32,927	27,997	25,906	..	24,082	16,143	8,415	6,472
Less payment for transport outwards (e)	..	229	186	..	148	151		
Gross output (production)	32,927	27,768	25,719	..	23,934	15,992	8,415	6,472
Materials and fuel used by firms in this trade								
Purchases	14,980	11,861	10,674	..	9,661	6,144	3,269	2,396
Changes in stocks (k)	- 782	- 127	- 20	..	- 387	- 158		
Materials and fuel used	14,199	11,735	10,654	..	9,274	5,986	3,269	2,396

- (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, 1948 and 1946) or production for sale (1937 and 1935).
 (h) For details for 1951 and 1948 see Table 8.
 (i) Corrected figure.
 (j) For details for 1951 and 1948 see Table 10.
 (k) For details for 1951 see Table 21.

Summary

Small firms (a)

TABLE 2

	Great Britain		United Kingdom	Great Britain	
	1951	1950	1949	1949	1948
Number of returns	445	449	545	539	536
Average number of persons employed (b)					
Males	1,932	1,960	2,496	2,477	2,340
Females	401	405	467	465	435
Total	2,333	2,365	2,963	2,942	2,775

(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	
	1951	1950	1949	1949	1948
As returned by firms					
Employing on the average more than ten persons (b)	29,985	29,676	29,493	(c)	28,795
Employing on the average ten or fewer persons (d)	2,333(e)	2,365(e)	2,963	2,942	2,775
	32,318	32,041	32,456	(c)	31,570
Estimated average employment in firms not making satisfactory returns	305	305	256	256	560
Estimated average employment in all firms	32,623(e)	32,346(e)	32,712	(c)	32,130

(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 for Great Britain 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	99	1,903	1,075	1,769	448	132	580	607
25 - 49	95	3,675	2,013	3,368	927	283	1,211	598
50 - 99	52	4,121	2,074	3,630	948	277	1,225	571
100 - 199	40	5,712	3,080	5,400	1,489	423	1,912	570
200 - 299	9	2,157	1,270	2,216	633	121	754	573
300 - 399	6	1,847	1,060	1,990	549	137	687	533
400 - 499	5	3,555	1,713	2,340	649	282	930	732
500 - 749	9	6,725	3,707	5,855	1,635	560	2,195	633
750 and over	4	3,232	1,910	3,417	864	234	1,098	559
Total	319	32,927	17,902	29,985	8,143	2,450	10,592	597

(a) Administrative, technical and clerical employees.

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	Percent- age of total		Operatives	Other employees (a)	Total	
	No.	£'000	£'000		No.	£'000	£'000	£'000	£
England									
Northern	6	647	301	1.7	670	178	43	221	450
East and West Ridings	108	11,847	6,764	37.8	12,348	3,179	917	4,096	548
North Midland	13	781	370	2.1	748	207	37	245	495
Eastern	10	708	398	2.2	629	175	36	211	632
London and South Eastern	50	6,016	3,149	17.6	3,907	1,050	563	1,613	806
Southern	3	439	192	1.1	259	69	37	106	742
South Western	3	115	43	0.2	116	29	6	34	374
Midland	94	10,307	5,543	31.0	8,991	2,666	660	3,325	617
North Western	18	1,216	740	4.1	1,362	357	103	459	544
Total England	305	32,076	17,501	97.8	29,030	7,910	2,400	10,310	603
Wales	5	295	138	0.8	351	84	13	97	394
Scotland	9	557	262	1.5	604	149	36	185	434
Northern Ireland	-	-	-	-	-	-	-	-	-
United Kingdom	319	32,927	17,902	100.0	29,985	8,143	2,450	10,592	597

(a) Administrative, technical and clerical employees.

Analysis according to specialisation within the trade, 1951

Larger establishments in the United Kingdom

TABLE 6

	Estab-lish-ments	Gross output	Sales of charac- teristic products	Net output	Persons employed	Remuneration			Net output per person employed
						Operatives	Other employees (a)	Total	
	No.	£'000	£'000	£'000	No.	£'000	£'000	£'000	£
Specialist producers of									
Files and rasps	28	1,409	1,211	917	1,806	462	110	572	508
Saws and saw blades (hand or power driven), excluding hacksaws	33	2,785	1,908	1,326	2,114	578	236	814	627
Edge and similar tools	102	10,113	9,119	5,516	9,720	2,776	650	3,426	568
Remainder of the trade	156	18,620		10,143	16,345	4,327	1,453	5,781	621
Total	319	32,927		17,902	29,985	8,143	2,450	10,592	597

(a) Administrative, technical and clerical employees.

TABLE 7 - Total make of intermediate products: Larger establishments

This table is not applicable to the trade.

(92585/1)

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
	Th.doz.	£'000	No.	Th.doz.	£'000
Files and rasps					
Precision files	233	142	7	241	143
Engineers' and all other types of files (including machine files but excluding nail and dental files) (a)	1,683	1,645	42	1,486	1,264
Rasps of all types (including machine rasps)	56	86	5	91	103
Saws for use by hand (excluding hacksaws) (b)					
Handsaws	95	429	18	66	287
Back and tenon saws	29	104	18	34	89
Tubular frame saws (complete with blades), and blades sold separately	..	86	12	29	94
One and two man crosscut saws and pitsaws	10	156	16	13	129
Other types of saws for use by hand	576	109	21	..	160
Edge and similar tools					
Augers, auger bits, brace bits, awls and gimlets	..	599	21	488	414
Axes					
Wedge	45	194	9	29	137
Hand and hunters	20	70	10	31	100
Felling and round eye	26	93	8	..	..
Braces (carpenters)	27	162	5	19	141
Chisels (cold)	120	107	37	104	78
Chisels and gouges, woodworkers	232	282	22	146	195
Forks					
Ballast, stone and coke	10	136	19	8	84
Digging, potato, manure, trenching, weeding and beet	141	628	28	88	405
Hay	19	118	13	26	117
Hammers					
Sledge	42	141	16	29	87
Other	242	439	26	267	386
Hatchets, adzes and matchets (including cutlasses, pengas and dhaws)	392	552	20	335	431
Hoes					
Dutch, paxton and torpedo	23	49	18	57	84
Garden and field	51	79	21	47	87
Plantation	..	9	..	..	9
Tanged (Kaffir picks, trowel mamooty)	68	78	5	80	94
Eyed (mamooties, kadollies and jombies)	651	1,265	5	544	1,076
Hooks					
Bagging	23	46	11	23	50
Bill (including cane bills and cattles)	20	74	12	17	47

(92585/1)

TABLE 8 (contd.)

	United Kingdom 1951			Great Britain 1948	
	Quantity	Value	Entries	Quantity	Value
	Th.doz.	£'000	No.	Th.doz.	£'000
Edge and similar tools (contd.)					
Mattocks	22	72	8	20	59
Picks (including beaters)	79	202	13	97	185
Planes of wood or metal	77	747	14	60	560
Irons or cutters for planes, sold separately	71	96	16	70	82
	..	12			
Screwdrivers	449	459	32	479	343
	..	106			
Scythes	30	175	9	28	161
Sickles and other agricultural and horti- cultural tools, except forks, shovels, spades, hoes and secateurs	218	291	26	131	160 (c)
	..	293		..	6
Secateurs	26	77	16	50	156
	..	47			
Shears					
Garden, border, lawn, lopping and pruning	73	314	21	78	230
	..	66			
Tinmens and metal workers	38	110	10	37	82
	..	14		..	10
Shovels and spades					
Open socket	169	633	32	197	636
	..	109			
Solid socket	58	354	27	74	337
	..	96			
Solid strapped	43	307	18	35	188
Strapped covered	40	241	21	59	301
	..	37			
Slashers (including brushing hooks), corn and cane knives	20	96	12	25	98 (d)
	..	75			
Trowels - builders', plasterers' pointing, etc. (but excluding garden trowels)	174	327	15	74	160
				..	41
Other edge and similar tools	..	579	39	..	..
Engineers' and similar hand tools					
Lifting jacks (excluding vehicle lifts or hoists)					
Portable and mobile	53	753	15	51	687
	..	538		..	400
Other	5	91	7	..	..
	..	19			
Spanners and wrenches, non-adjustable					
Engineers' drop-forged, double and single ended spanners	514	565	14	536	447
				..	96
Socket wrenches, interchangeable parts and sets	..	513	9	28	164
Tubular box spanners	42	25	9	140	61
	..	140			
Other	423	258	15	301	444
	..	28			
Unclassified	-	-	-	11	19
				..	40
Spanners and wrenches, adjustable					
Pipe wrenches and spanners	76	412	9	49	277 (e)
Other	48	137	10	106	211
				..	56
Vices, bench (not machine)	26	507	17	34	591
	..	93		..	127
Pliers, pincers, nippers and wire strippers	445	787	27	501	643
	..	205		..	93

(92585/1)

TABLE 8 (contd.)

	United Kingdom 1951			Great Britain 1948	
	Quantity	Value	Entries	Quantity	Value
	Th.doz.	£'000	No.	Th.doz.	£'000
Sheep shears for use by hand	19	60	..	20	63
	..	15			
Other types of hand tools and implements, not elsewhere specified	993	1,334	164	..	4,578 (f)
	..	2,630			
Saws and saw blades (power driven)					
Circular saws	67	1,035	27	18	818
	..	184		..	55
Band saws	5	49	23	15	215
	..	546		..	264
Other saws and saw blades (power driven), except hacksaws and hacksaw blades (b)	..	246	15	..	246
Unclassified	..	173	11	..	30
Gauges					
Plain plug, ring, gap and plate gauges	7	136	43	20	144
	..	723		..	130
Other gauges, except dial indicators and gauges (g)	49	207	49	33	325
	..	421		..	258
Unclassified gauges	..	39	6	-	-
Portable power tools and parts - electric (h)					
Of the hand held type (including flexible shaft drive tools) as employed in the general engineering, metal working, wood working, stone working and building industries					
Complete	23	2,529	40	14	1,958
	..	623		..	219
Parts	..	909	36	..	279 (i)
Of the type employed in civil engineering, mining and quarrying industries					
Complete	1	184	8	1	419
	..	31			
Parts	..	353	9	..	302 (i)
Tool blanks and parts of tools, not elsewhere specified	..	625	33	..	564 (i)
Blow lamps and brazing lamps	14	196	12	21	295 (i)
	..	132		..	69
Measuring tapes	544	449	..	665	310 (i)
	..	246		..	150
Rules of all types (j)	548	494	10	167	275 (i)
	..	101		..	102
Tool kits (i)	..	232	..	-	-
Unclassified tools and implements	..	1,778	150	..	683
Waste products sold, other than scrap metals	..	48	49	..	8
Repair work (k)	..	641	57	..	656
Work done for the trade or on commission (k)	..	729	62	..	197
Total		37,755	..		28,424 (1)
Sales in other trades (see Table 9)		9,236	..		7,768 (1)
Principal products of this trade sold by establishments in the trade		28,518	295		20,656 (1)

- (a) For nail and dental files see the Cutlery Trade (Volume 5, Trade B).
(b) For engineers' small tools, including hand-saws and hacksaw blades, see the Machine Tools Trade (Volume 4, Trade C).
(c) Sickles, crowbars and planting bars (alavangoes); rakeheads, including garden, road and gravel; and garden trowels.
(d) Slashers (including brushing hooks) cane and hay knives.
(e) Described as 'Chain pipe wrenches and adjustable pipe wrenches'.
(f) Including soldering irons, corkscrews, tin openers and similar light steel implements.
(g) For pressure gauges, see the Mechanical Engineering (General) Trade, (Volume 4, Trade I), and for dial indicators and gauges, the Scientific, Surgical and Photographic Instruments, etc. Trades (Volume 5, Trade H).
(h) For pneumatic and petrol portable power tools and parts see the Mechanical Engineering (General) Trade.
(i) So far as recorded separately.
(j) Excluding mathematical rules.
(k) Amount charged.
(l) Detachable tools (drilling bits, etc.) used in rock drilling machinery, shown in the 1948 report, are appropriate to the Mechanical Engineering (General) Trade, and this figure has been adjusted accordingly.

(92585/1)

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.doz.	£'000	No.	Th.doz.	£'000
Files and rasps					
Engineers' and all other types of files (including machine and precision files but excluding nail and dental files)	259	333	11	488	454
	..	470		..	266
Rasps of all types (including machine rasps)	-	-	-	..	12
Saws for use by hand (excluding hacksaws, hand- saws, tubular frame saws, and one and two man crosscut saws and pitsaws), and saws and saw blades power driven	517	574	17	..	657(a)
	..	357		..	
Engineers' and similar hand tools					
Lifting jacks (excluding vehicle lifts or hoists)	17	436	15	23	361
	..	59		..	103
Spanners and wrenches, non-adjustable					
Engineers' drop-forged, double and single- ended spanners; socket wrenches, inter- changeable parts and sets; and tubular box spanners	41	69	8	234	222
	..	105		..	117
Other	54	4	..	..	..
	..	17	..	..	..
Spanners and wrenches, adjustable	19	49	..	62	206
	..	..	..	..	56
Vices, bench (not machine); pliers, pincers, nippers and wire strippers	..	176	14	..	312
Edge and similar tools					
Axes	-	-	-	1	2
Braces (carpenters); chisels (cold); and chisels and gouges, woodworkers	27	31	6	29	28(b)
	..	32		..	9
Hammers	-	-	-	23	40
Irons or cutters for planes, sold separately	13	14	..	13	12
	..	12	..	..	..
Screwdrivers	13	32	..	184	92
	..	92	..	..	..
Secateurs	1	6	5	24	79
Forks, digging, potato, manure, trenching, weeding and beet	35	32	..	..	..
Scythes; slashers (including brushing hooks), corn and cane knives; sickles and other agricultural and horticultural tools, except forks, shovels, spades, hoes and secateurs	47	68	6	..	..
	..	366		..	..
Shears, garden, border, lawn, lopping and pruning	6	25	..	..	..
Shovels and spades, other than solid strapped	6	14	..	46	169
	..	33		..	2,320
Hatchets and adzes; hoes, dutch, paxton and torpedo, garden and field; planes of wood or metal; trowels - builders; plasterers; pointing, etc. (but excluding garden trowels); and other edge and similar tools	..	171	16	..	..
Other types of hand tools and implements, not elsewhere specified (including rules of all types)	592	463	69	..	..
	..	1,569		..	..

TABLE 9 (contd.)

	United Kingdom 1951			Great Britain 1948	
	Quantity	Value	Entries	Quantity	Value
	Th.doz.	£'000	No.	Th.doz.	£'000
Gauges					
Plain plug, ring, gap, and plate gauges	1	30	27	5	77
	..	580		..	56
Other gauges, except dial indicators and gauges	33	147	33	16	255
	..	213		..	119
Unclassified gauges	..	39	6	-	-
Portable power tools and parts - electric					
Complete	2	519	26	2	418
	..	166		..	219
Parts	..	313	27	..	256
Tool blanks and parts of tools, not elsewhere specified	..	394	15	..	350
Blow lamps and brazing lamps	13	186	9	9	120
	..	51		..	69
Unclassified tools and implements	..	983	128	..	292
Repair work (c)	..	-	-	..	1
Work done for the trade or on commission (c)	..	4	..	..	18
Total		9,236	..		7,768(d)

(a) Saws for use by hand, other than hacksaws, handsaws, back and tenon saws, and tubular frame saws; and
saws and saw blades power driven.

(b) Including augers, auger-bits and brace bits.

(c) Amount charged.

(d) See footnote (1) to Table 8.

Sales in the trade of other than principal products

Larger establishments

TABLE 10

	United Kingdom 1951		Great Britain 1948	
	Quantity	Value	Quantity	Value
		£'000		£'000
Steel forgings and castings, in the rough or machined	..	42	..	72(a)
Machine tools (metal-working) new, other than portable power tools; and detachable tools (drilling bits, etc.) used in rock drilling machinery (mining and quarrying)	..	280	..	298
Other machinery and parts	..	518	..	515
Engineers' small tools and parts				
Hacksaw frames and blades	..	494	..	109
Jigs and fixtures	..	54	..	99
Other descriptions	..	479	..	323
Cutlery				
Guillotine and shear blades, and knives for use in machines	..	471	..	270
Other cutlery	..	193	..	251
Hardware, hollow-ware and sheet metal manufactures	..	102	..	70
Scientific instruments, apparatus and appliances	..	404	..	391
Other goods	..	644	..	636
Scrap metals sold	..	113	..	62
Work done	..	-	..	109(b)
Total		3,795		3,206(c)

(a) Including ingots, bars and rods of alloy steel.

(b) Amount charged.

(c) See footnote (1) to Table 8.

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

TABLE 11

	Production (b) (c)	Exports (d)	Retained imports (e)
	Th. doz.	Th. doz.	Th. doz.
Files and rasps (except nail and dental files)	{ 1951 2,537 (f)	613	140
	{ 1948 2,190 (f)	632	114
	{ 1937 2,161	758	277
	£'000	£'000	£'000
Saws and saw blades (excluding hacksaws and hacksaw blades)			
Power driven	{ 1951 2,232	919	105
	{ 1948 1,628	698	24
Saws for use by hand	{ 1951 1,022	543	79
	{ 1948 763	390	88
Total saws and saw blades (excluding hacksaws and hacksaw blades)	{ 1951 3,254	1,462	185
	{ 1948 2,391	1,088	112
	{ 1937 630	208	51
	Th. doz.	Th. doz.	Th. doz.
Forks (except ballast, stone and coke forks)	{ 1951 159	38	..
	{ 1948 114	33	1
	{ 1937 132	38	8
Hammers	{ 1951 290 (f)	139	1
	{ 1948 296	131	5
Hoes	{ 1951 798 (f)	676	..
	{ 1948 733 (f)	700	..
Screwdrivers	1951 553 (f)	204	..
	£'000	£'000	£'000
Scythes, sickles and other agricultural and horticultural tools, except forks, shovels, spades, hoes and secateurs	1951 759	682	..
Secateurs (g)	{ 1951 124	36	2
	{ 1948 156	40	3
	{ 1937 7	3	3
	Th. doz.	Th. doz.	Th. doz.
Shovels and spades	{ 1951 360	190	..
	{ 1948 365	163	(h)
	{ 1937 614	264	-
	£'000	£'000	£'000
Lifting jacks (excluding vehicle lifts or hoists)			
Portable and mobile (i)	{ 1951 1,291	161	7
	{ 1948 1,087 (j)	94	5
Other	{ 1951 109	216	33
	{ 1948 ..	190	35
Spanners and wrenches			
Chain pipe wrenches and adjustable pipe wrenches	{ 1951 412 (k)	148	2
	{ 1948 277	184	3
Other sorts	{ 1951 1,666	591	62
	{ 1948 1,537	580	32
Vices	{ 1951 601 (l)	338	9
	{ 1948 718 (l)	331	3
	Th. doz.	Th. doz.	Th. doz.
Pliers, pincers, nippers and wire strippers (m)	1951 562 (f)	227	11
Portable power tools, electric, complete			
Of the hand held type (including flexible shaft drive tools), as employed in the general engineering, metal working, wood working, stone working and building industries	{ 1951 29 (f)	11	-
	{ 1948 15 (f)	5	-

TABLE 11 (contd.)

	Production (b) (c)	Exports (d)	Retained imports (e)
	£'000	£'000	£'000
Portable power tools, electric, complete (contd.)			
Of the type employed in civil engineering, mining and quarrying industries	{ 1951 215	69	6
	{ 1948 419	89	26
Blow lamps and brazing lamps	1951 328	60	..

(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) Partly estimated.

(g) The figures for oversea trade include parts and blanks.

(h) Re-exports in excess of imports.

(i) The figures for oversea trade relate to portable lifting jacks.

(j) Including other lifting jacks.

(k) Described as 'Pipe wrenches and spanners, adjustable'.

(l) Bench vices only.

(m) The figures for oversea trade relate to pliers, pincers and nippers'.

Usage of certain specified purchased materials, 1951

Larger establishments in the United Kingdom

TABLE 12

Materials used	Quantity
	Th. tons
Iron castings, in the rough	7.6
Non-alloy steel	
Ingots, billets, blooms and slabs	12.0
Angles, shapes and sections	1.6
Bars and rods	45.9
Hoop and strip (including tape)	5.8
Plates and sheet (other than tin-terne and black-plates and sheets and electrical sheets)	
1/8 inch thick and over	4.8
Under 1/8 inch thick	5.4
Wire (single wire)	0.6
Alloy steel (including high speed steel)	
Ingots, billets, blooms and slabs	2.8
Plates, sheet and strip	
1/8 inch thick and over	0.9
Under 1/8 inch thick	1.9
Tubes and fittings	0.8
Wire (single wire)	0.1
Forgings, in the rough (other than drop forgings)	0.1
Drop forgings	2.2
Iron and steel not specified above, except finished parts and scrap	15.7
Non-ferrous metals in all forms, except finished parts and scrap	Th. cwts.
Brass and other copper alloys including nickel silver but excluding all other nickel alloys	35.8
Zinc and zinc alloys	3.8
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.
Hardwood	465.6
Softwood	64.8

TABLE 13
Employment in September
Larger establishments (a)

	Number						
	United Kingdom			Great Britain		United Kingdom	
	1951(b)	1950(b)	1949(b)	1949(c)	1948(d)	1937(d)	1935(d)
Males							
Under 18	1,087	1,106	1,134	..	1,310	3,418	3,084
All ages	17,752	17,451	17,385	..	17,199	16,197	14,340
Females							
Under 18	497	462	455	..	573	1,770	1,666
All ages	7,812	7,371	7,264	..	7,240	4,807	4,407
Total							
Under 18	1,584	1,568	1,589	..	1,883	5,188	4,750
All ages	25,564	24,822	24,649	..	24,439	21,004	18,747

	Number						
	United Kingdom			Great Britain		United Kingdom	
	1951	1950	1949	1949(c)	1948	1937	1935
Males							
Under 18	80	67	80	..	59	151	115
All ages	2,535	2,492	2,399	..	2,377	1,641	1,536
Females							
Under 18	398	410	411	..	382	225	172
All ages	2,207	2,156	2,058	..	1,916	1,031	864
Total							
Under 18	478	477	491	..	441	376	287
All ages	4,742(f)	4,648(f)	4,457(f)	..	4,293(f)	2,672	2,400

	Number						
	United Kingdom			Great Britain		United Kingdom	
	1951	1950	1949	1949(c)	1948	1937	1935
Males							
Under 18	1,167	1,173	1,214	..	1,369	3,569	3,199
All ages	20,287	19,943	19,784	..	19,576	17,838	15,876
Females							
Under 18	895	872	866	..	955	1,995	1,838
All ages	10,019	9,527	9,322	..	9,156	5,838	5,271
Total							
Under 18	2,062	2,045	2,080	..	2,324	5,564	5,037
All ages	30,306(f)	29,470(f)	29,106(f)	..	28,732(f)	23,676	21,147

(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 5 Males 218 Females
Other workers 33 Males 34 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.

	Number				
	United Kingdom			Great Britain	
	1951	1950	1949	1949	1948
	35	46	77	..	63

Average employment
Larger establishments (a)

	Number						
	United Kingdom			Great Britain		United Kingdom	
	1951	1950	1949	1949(b)	1948	1937	1935
Operatives	25,355	25,028	25,009	..	24,439	21,004	18,747
Administrative, technical and clerical employees	4,595	4,602	4,407	..	4,293(c)	2,672(c)	2,400(c)
Total	29,950	29,630	29,416	..	28,732	23,676	21,147

(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.

	Number						
	United Kingdom			Great Britain		United Kingdom	
	1951	1950	1949	1949	1948	1937	1935
Males	91	96	76	..	85	..	..
Females	50	70	48	..	33	..	..
Total	141	166	124	..	118	..	..

Shift working, 1951 (a)
Larger establishments in Great Britain

	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	3,360	27,760	6
Continuous 4 shift systems per 24 hours averaging 6 hours per shift	-	-	-
All 2 shift systems	7,398	71,364	11
Other shift systems	-	-	-
Total	10,758	99,124	(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	295	17	25,564	7,332	2,134
Percentage of total in trade	100.0	5.8	100.0	28.7	8.3
Percentage of total on returns showing shift-work				100.0	29.1

METAL GOODS NOT ELSEWHERE SPECIFIED

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

Larger establishments

TABLE 16 £'000

	United Kingdom			Great Britain	
	1951	1950	1949	1949 (a)	1948
Wages and salaries (b) of					
Operatives	8,143	7,428	7,068	..	6,594
Administrative, technical and clerical employees	2,450	2,210	1,990	..	1,883
Total	10,592	9,638	9,058	..	8,477
Employers' contributions to all National Insurance Schemes	293	286	281	..	212

(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.

£'000				
United Kingdom			Great Britain	
1951	1950	1949	1949 (a)	1948
32	33	31	..	26

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

Larger establishments

TABLE 17 £'000

	United Kingdom		Great Britain	
	1951	1949	1949 (a)	1948
Plant, machinery and vehicles				
Acquisitions				
Plant and machinery				
New	658	418	..	465
Second-hand	53	77	..	126
Vehicles				
New	115	66	..	49
Second-hand	56	22	..	28
Total acquisitions	883	583	..	669
Disposals				
Plant and machinery	59	41	..	31
Vehicles	42	24	..	16
Total disposals	101	65	..	47
New building work				
Capital expenditure on new building and other constructional work of a capital nature (excluding site values and development charges)	206	128	..	107

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

TOOL AND IMPLEMENT COUNTRY TABLES

1951

Summary

Larger establishments

Note - There were no larger establishments in Northern Ireland in the register for this trade in 1951.

TABLE 18

	England	Wales	Scotland	Great Britain
	£'000	£'000	£'000	£'000
Gross output (production)	32,076	295	557	32,927
Cost of materials and fuel used	13,770	152	277	14,199
Payment for work done on materials given out	388	1	-	390
Transport payments	417	3	17	437
Net output	17,501	138	262	17,902
Wages and salaries of persons employed	10,310	97	185	10,592
	No.	No.	No.	No.
Average number of persons employed (a)	29,030	351	604	29,985
	£	£	£	£
Net output per person employed (a)	603	394	434	597
	£'000	£'000	£'000	£'000
Stocks at end of year				
Products on hand for sale and work in progress	3,288	31	84	3,403
Materials and fuel	3,132	59	64	3,256
	No.	No.	No.	No.
Number of establishments	305	5	9	319

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				
Total value of sales (see Table 20)	31,483	282	549	32,313
Changes in stocks and work in progress (see Table 21)	+ 593	+ 13	+ 8	+ 614
Gross output (production)	32,076	295	557	32,927
Materials and fuel used by firms in this trade				
Purchases	14,553	152	276	14,980
Changes in stocks (see Table 21)	- 784	-	+ 2	- 782
Materials and fuel used	13,770	152	277	14,199

(a) Excluding outworkers but including working proprietors.

Summary

Small firms in Great Britain (a)

TABLE 19

	England	Wales	Scotland	Great Britain
Number of returns	413	5	27	445
Average number of persons employed (b)				
Males	1,813	24	95	1,932
Females	380	7	14	401
Total	2,193	31	109	2,333

(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	
	Quantity	Value	Quantity	Value	Quantity	Value
	Th.doz.	£'000		£'000	Th.doz.	£'000
Principal products						
Files and rasps						
Engineers' and all other types of files (including machine and precision files but excluding nail and dental files)	..	(a)	..	(a)	1,657	1,454
Rasps of all types (including machine rasps)	56	86	-	-	56	86
Saws for use by hand (excluding hacksaws), and saws and saw blades power driven						
Handsaws	95	429	-	-	95	429
Tubular frame saws (complete with blades), and blades sold separately	..	86	-	-	..	86
One and two man crosscut saws and pitsaws	10	156	-	-	10	156
Other saws for use by hand (excluding hacksaws), and saws and saw blades power driven	..	42	-	-	..	42
..	..	(a)	..	(a)	159	723
..	..		..		..	887
Edge and similar tools						
Augers, auger bits, brace bits, awls and gimlets	..	(a)	..	(a)	..	599
Axes						
Wedge	45	194	-	-	45	194
Hand and hunters	20	70	-	-	20	70
Felling and round eye	26	93	-	-	26	93
Braces (carpenters); chisels (cold); and chisels and gouges, woodworkers	..	(a)	..	(a)	352	519
..	..		..		..	39
Forks						
Ballast, stone and coke	10	136	-	-	10	136
Digging, potato, manure, trenching, weeding and beet	105	596	-	-	105	596
Hay	19	118	-	-	19	118
Hammers						
Sledge	42	141	-	-	42	141
..	..	22	-	-	..	22
Other	242	439	-	-	242	439
Hatchets, adzes and matchets (including cutlasses, pengas and dhaws)	391	552	-	-	391	552
Hoes						
Plantation						
Tanged (kaffir picks, trowel mamooty)	68	78	-	-	68	78
Eyed (mamooties, kadollies and jombies)	651	1,265	-	-	651	1,265
Hooks						
Bagging	23	46	-	-	23	46
Bill (including came bills and catties)	20	74	-	-	20	74
Mattocks	22	72	-	-	22	72
Picks (including beaters)	79	202	-	-	79	202
Irons or cutters for planes, sold separately	57	82	-	-	57	82
Screwdrivers	436	427	-	-	436	427
..	..	14	-	-	..	14

TABLE 20 (contd.)

	England and Wales		Scotland		Great Britain	
	Quantity	Value	Quantity	Value	Quantity	Value
	Th.doz.	£'000	Th.doz.	£'000	Th.doz.	£'000
Principal products (contd.)						
Edge and similar tools (contd.)						
Scythes, slashers (including brushing hooks), corn and cane knives; sickles and other agricultural and horticultural tools except forks, shovels, spades, hoes and secateurs	221	494	-	-	221	494
..	..	2	-	-	..	2
Secateurs	25	71	-	-	25	71
..	..	47	-	-	..	47
Shears						
Garden, border, lawn, lapping and pruning	66	288	-	-	66	288
..	..	66	-	-	..	66
Tinnens and metal workers	..	(a)	..	(a)	38	110
..	..		..		..	14
Shovels and spades						
Solid strapped	..	(a)	..	(a)	43	307
Other	201	1,024	59	190	260	1,214
..	..	208	..	..	..	208
Hoes, dutch, paxton and torpedo, garden and field; planes of wood or metal; trowels - builders', plasterers', pointing, etc. (but excluding garden trowels); and other edge and similar tools	..	(a)	..	(a)	..	1,619
Engineers' and similar hand tools						
Lifting jacks (excluding vehicle lifts or hoists)	41	408	-	-	41	408
..	..	498	-	-	..	498
Spanners and wrenches, non-adjustable						
Engineers' drop-forged, double and single-ended spanners; socket wrenches, interchangeable parts and sets; and tubular box spanners	515	521	-	-	515	521
..	..	547	-	-	..	547
Other spanners and wrenches non-adjustable	369	254	-	-	369	254
..	..	12	-	-	..	12
Spanners and wrenches, adjustable	106	501	-	-	106	501
Vices, bench (not machine); pliers, pincers, nippers and wire strippers	..	1,418	-	-	..	1,418
..	..	60	-	-	..	60
..	..	15	-	-	..	15
Sheep shears for use by hand	..	..	-	-	..	..
Other types of hand tools and implements, not elsewhere specified (including rules of all types)	..	(a)	..	(a)	949	1,366
..	..		..		..	1,162
Gauges						
Plain plug, ring, gap and plate gauges	6	106	-	-	6	106
..	..	143	-	-	..	143
Other gauges, except dial indicators and gauges	16	60	-	-	16	60
..	..	208	-	-	..	208
Portable power tools and parts - electric						
Complete	21	2,194	-	-	21	2,194
..	..	488	-	-	..	488
Parts	..	948	-	-	..	948
Tool blanks and parts of tools, not elsewhere specified	..	231	-	-	..	231
Blow lamps and brazing lamps	1	11	-	-	1	11
..	..	81	-	-	..	81
Measuring tapes	544	449	-	-	544	449
..	..	246	-	-	..	246
Tool kits (b)	..	232	-	-	..	232

TABLE 20 (contd.)

	England and Wales		Scotland		Great Britain	
	Quantity	Value £'000	Quantity	Value £'000	Quantity	Value £'000
Principal products (contd.)						
Unclassified tools and implements	..	(a)	..	(a)	..	795
Waste products sold, other than scrap metals	..	48	-	-	..	48
Repair work (c)		(a)		(a)		641
Work done for the trade or on commission (c)		724		-		724
Total principal products		(a)		(a)		28,518
Other output						
Steel forgings and castings, in the rough or machined	..	42	-	-	..	42
Machine tools (metal-working), new, other than portable power tools; and detachable tools (drilling bits, etc.) used in rock drilling machinery (mining and quarrying)	..	280	-	-	..	280
Other machinery and parts	..	518	-	-	..	518
Engineers' small tools and parts						
Hacksaw frames and blades	..	494	-	-	..	494
Jigs and fixtures	..	54	-	-	..	54
Other descriptions	..	479	-	-	..	479
Cutlery						
Guillotine and shear blades, and knives for use in machines	..	471	-	-	..	471
Other cutlery	..	193	-	-	..	193
Hardware, hollow-ware and sheet metal manufactures	..	102	-	-	..	102
Scientific instruments, apparatus and appliances	..	404	-	-	..	404
Other goods	..	(a)	..	(a)	..	644
Scrap metals sold	..	(a)	..	(a)	..	113
Total		31,765		549		32,313

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

(b) So far as recorded separately.

(c) 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	(a)	(a)	1,399
	{ at end of year	(a)	(a)	1,701
Work in progress	{ at beginning of year	(a)	(a)	1,390
	{ at end of year	(a)	(a)	1,702
Total products on hand for sale and work in progress	{ at beginning of year	2,713	76	2,789
	{ at end of year	3,319	84	3,403
Materials and fuel	{ at beginning of year	2,408	66	2,474
	{ at end of year	3,191	64	3,256

(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

(i) Operatives		Number		
		England and Wales	Scotland	Great Britain
Males				
Under 18		1,032	55	1,087
All ages		17,244	508	17,752
Females				
Under 18		486	11	497
All ages		7,772	40	7,812
Total				
Under 18		1,518	66	1,584
All ages		25,016	548	25,564
(ii) Administrative, technical and clerical employees		Number		
		England and Wales	Scotland	Great Britain
Males				
Under 18		80	-	80
All ages		2,509	26	2,535
Females				
Under 18		391	7	398
All ages		2,173	34	2,207
Total				
Under 18		471	7	478
All ages (c)		4,682	60	4,742

(continued overleaf)

TABLE 22 (contd.)

(iii) Total employees	Number		
	England and Wales	Scotland	Great Britain
Males			
Under 18	1,112	55	1,167
All ages	19,753	534	20,287
Females			
Under 18	877	18	895
All ages	9,945	74	10,019
Total			
Under 18	1,989	73	2,062
All ages (c)	29,698	608	30,306

(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(iv) below.

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

(c) Working proprietors. In addition 35 working proprietors were engaged in this trade in larger establishments in England and Wales.

(iv) Excluded employees	Number		
	England and Wales	Scotland	Great Britain
Canteen workers			
Males	5	-	5
Females	218	-	218
Total	223	-	223
Other workers			
Males	33	-	33
Females	34	-	34
Total	67	-	67
Total excluded employees	290	-	290

Average employment

Larger establishments (a)

TABLE 23	Number		
	England and Wales	Scotland	Great Britain
Operatives	24,811	544	25,355
Administrative, technical and clerical employees	4,535	60	4,595
Total	29,346	604	29,950

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

	England and Wales	Scotland	Great Britain
Males	91	-	91
Females	50	-	50
Total	141	-	141

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

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

Larger establishments

TABLE 24	£'000		
	England and Wales	Scotland	Great Britain
Wages and salaries (a) of			
Operatives	7,994	149	8,143
Administrative, technical and clerical employees	2,413	36	2,450
Total	10,407	185	10,592
Employers' contributions to all National Insurance Schemes	287	6	293

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

£'000		
England and Wales	Scotland	Great Britain
32	-	32

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

Larger establishments

TABLE 25	£'000		
	England and Wales	Scotland	Great Britain
Plant, machinery and vehicles			
Acquisitions			
Plant and machinery			
New	657	2	658
Second-hand	53	-	53
Vehicles			
New	(a)	(a)	115
Second-hand	56	-	56
Total acquisitions	(a)	(a)	883
Disposals			
Plant and machinery	59	-	59
Vehicles	(a)	(a)	42
Total disposals	(a)	(a)	101
New building work			
Capital expenditure on new building and other constructional work of a capital nature (excluding site values and development charges)	206	-	206

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

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

Larger establishments

	England and Wales	Scotland	Great Britain
Amounts paid to other firms and undertakings	402	17	419
Amount paid or credited to firms' own separate transport organisations	18	-	18
Total	420	17	437

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 merchandising 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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