



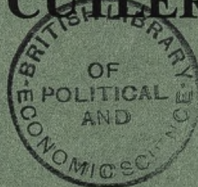
BOARD OF TRADE

THE REPORT  
on the  
CENSUS OF PRODUCTION  
FOR 1951

Volume 5

Trade B

CUTLERY



*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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## CUTLERY TRADE

THIS REPORT on the Cutlery Trade relates to establishments engaged wholly or mainly in the manufacture of knives, scissors, razors (not electric), razor blades, manicure sets, other cutlers' wares and table forks and spoons of steel (not silver-plated).

This trade corresponds to minimum list heading 90(2) in the Standard Industrial Classification.

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

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

## CUTLERY TRADE

## Summary

## Larger establishments (a)

	Great Britain					
	1951	1950	1949	1948	1937	1935
	£'000	£'000	£'000	£'000	£'000	£'000
Gross output (production) (b)	19,466	15,547	13,764	12,519	4,369	3,850
Cost of materials and fuel used (c)	6,678	4,921	4,297	3,748	1,430	1,265
Payment for work done on materials given out	225	186	166	173	71	69
Transport payments (d)	73	..	..	..	..	..
Net output	12,490	10,440	9,302	8,597	2,868	2,516
Wages and salaries of persons employed	4,650	4,181	3,867	3,800	..	..
	No.	No.	No.	No.	No.	No.
Average number of persons employed (e)	13,789	13,778	12,939	13,046	11,544	11,375
	£	£	£	£	£	£
Net output per person employed (e)	906	758	719	659	248	221
	£'000	£'000	£'000	£'000	£'000	£'000
Stocks at end of year						
Products on hand for sale and work in progress	1,418	996	1,044	1,039	..	..
Materials and fuel	1,649	1,181	1,114	1,053	..	..
	No.	No.	No.	No.	No.	No.
Number of establishments	165	170	172	174	..	156

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

	£'000	£'000	£'000	£'000	£'000	£'000
Output of firms in this trade (f)						
Principal products (g)	16,184	15,603	13,865	10,914	3,959	3,383
Other output (h)	2,853					
Changes in stocks and work in progress (i)	+ 429	- 18	- 78	+ 83		
	19,466	15,585	13,787	12,539	4,369	3,850
Less payment for transport outwards (d)	..	38	23	20		
Gross output (production)	19,466	15,547	13,764	12,519	4,369	3,850
Materials and fuel used by firms in this trade						
Purchases	7,174	4,975	4,284	3,872	1,430	1,265
Changes in stocks (i)	- 496	- 54	+ 13	- 124		
Materials and fuel used	6,678	4,921	4,297	3,748	1,430	1,265

- (a) For small firms' summary see Table 2.  
 (b) Gross output for 1951 includes payments to other firms and undertakings and to firms' own separate transport organisations for transport services. For other years payments for transport services outwards on finished goods sold are excluded.  
 (c) Amounts paid for delivery services are excluded for 1951 but included for other years.  
 (d) Payments to other firms and undertakings and to firms' own separate transport organisations. For 1951 they cover payments for transport of both goods sold and materials and fuel purchased. For other years payments cover only transport outwards of finished goods sold.  
 (e) Excluding outworkers but including working proprietors. For an estimate of the total numbers of persons employed in this trade see Table 3.  
 (f) Total value of sales (1951, 1950, 1949 and 1948) or production for sale (1937 and 1935).  
 (g) For details for 1951 and 1948 see Table 8.  
 (h) For details for 1951 and 1948 see Table 10.  
 (i) For details for 1951 see Table 21.

## Summary

## Small firms (a)

TABLE 2

	Great Britain			
	1951	1950	1949	1948
Number of returns	243	243	275	288
Average number of persons employed (b)				
Males	744	724	851	880
Females	444	416	435	418
Total	1,188	1,140	1,286	1,298

- (a) Small firms (employing on the average ten or fewer persons) that made satisfactory returns.  
 (b) Including working proprietors.

## Estimated average employment (a)

## All firms

TABLE 3

	Great Britain			
	1951	1950	1949	1948
As returned by firms				
Employing on the average more than ten persons (b)	13,789	13,778	12,939	13,046
Employing on the average ten or fewer persons (c)	1,188	1,140	1,286	1,298
	14,977	14,918	14,225	14,344
Estimated average employment in firms not making satisfactory returns	300	193	161	366
Estimated average employment in all firms	15,277	15,111	14,386	14,710

- (a) Including working proprietors.  
 (b) See Tables 13(iv) and 14.  
 (c) See Table 2.

## Analysis by size, 1951

## Larger establishments in Great Britain

TABLE 4

Average number employed	Establishments	Gross output	Net output	Persons employed	Remuneration			Net output per person employed
					Operatives	Other employees (a)	Total	
	No.	£'000	£'000	No.	£'000	£'000	£'000	£
11 - 24	66	982	585	1,155	279	65	344	507
25 - 49	44	1,337	766	1,524	367	77	444	503
50 - 99	25	2,297	1,055	1,732	405	117	522	609
100 - 199	18	2,734	1,685	2,607	637	169	806	646
200 - 299	5	1,163	763	1,250	293	88	381	610
300 - 499	3	1,112	587	1,170	275	80	355	502
750 and over	4	9,841	7,048	4,351	1,327	471	1,798	1,620
Total	165	19,466	12,490	13,789	3,583	1,067	4,650	906

- (a) Administrative, technical and clerical employees.

Analysis by standard region, 1951

## Larger establishments in Great Britain

TABLE 5

Region	Estab- lish- ments	Gross output	Net output		Persons employed	Remuneration			Net output per person employed
			Value	Percent- age of total		Operatives	Other employees (a)	Total	
England and Scotland	No.	£'000	£'000		No.	£'000	£'000	£'000	£
East and West Ridings	141	8,796	4,831	38.7	9,523	2,225	466	2,691	507
North Midland	8	265	212	1.7	398	107	52	159	532
Eastern; London and South Eastern; Southern; South Western; and Scotland	16	10,405	7,447	59.6	3,868	1,251	549	1,801	1,925
Northern; Midland; and North Western	-	-	-	-	-	-	-	-	-
Wales	-	-	-	-	-	-	-	-	-
Great Britain	165	19,466	12,490	100.0	13,789	3,583	1,067	4,650	906

(a) Administrative, technical and clerical employees.

Analysis according to specialisation within the trade, 1951

## Larger establishments in Great Britain

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 Razors (excluding electric) and parts	13	10,353	8,561	7,402	3,861	1,210	555	1,765	1,917
Knives (other than machine and surgical knives) and scissors (including tailors' shears), and parts	105	6,319	5,237	3,520	7,169	1,663	341	2,003	491
Remainder of the trade	47	2,793		1,568	2,759	711	171	882	568
Total	165	19,466		12,490	13,789	3,583	1,067	4,650	906

(a) Administrative, technical and clerical employees.

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TABLE 7 - Total make of intermediate products: Larger establishments in Great Britain

This table is not applicable to the trade.

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

## Larger establishments in Great Britain

TABLE 8

	1951			1948	
	Quantity	Value	Entries	Quantity	Value
	Th.do.	£'000	No.	Th.do.	£'000
Knives					
Knives for use in machines, excluding guillotine and shear blades	89	410	38	88	354
	..	679		..	384
Other knives with one or more blades made wholly or partly of steel or iron, other than surgical knives (a)					
Complete					
Knives with folding blades	967	883	33	650	618
Table, dessert, tea and carving knives, excluding carvers sold with forks or forks and steels	1,874	2,178	73	1,435	1,825
Trade knives	193	304	54	205	302
	..	170		..	..
Kitchen knives	61	67	26	205	193
	..	265		..	118
Other knives	114	186	32	..	..
	..	46		..	..
Unclassified	..	158 (b)	15	52	73
				..	94
Blades and blanks for blades, sold separately	1,180	439	33	622	200
	..	345		..	..
Other parts and blanks, sold separately	..	29	6	..	74
Carving knives and forks, sold in sets	Th.do. sets 3	24	38	Th.do. sets 8	40
	..	3		..	..
Carving knives, forks and steels, sold as complete sets	19	198	58	18	175
Scissors (other than secateurs) and tailors' shears, made wholly or partly of steel or iron	Th.do. prs.			Th.do. prs.	
Complete					
Scissors					
Not exceeding 5 inches in length	369	364	43	195	213
				..	47
Over 5 inches in length	242	481	43	150	362
Unclassified	9	24	..	3	13
	..	9		..	..
Tailors' shears (including pinking shears)	25	128	34	20	91
Razors (c)	Th.do.			Th.do.	
Safety					
Complete	959	1,433	11	542	1,147
Component parts thereof, sold separately	Th.gross			Th.gross	
Blades	10,889	7,219	15	6,269	4,134
Other components (including blanks and handles)	..	94	8	..	43
Other razors, complete	Th.do. 6	13	14	Th.do. 10	36
	..	3		..	..

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TABLE 8 (contd.)

	1951			1948	
	Quantity	Value	Entries	Quantity	Value
	Th.do.	£'000	No.	Th.do.	£'000
Guillotine and shear blades	..	358	10	5 ..	182 47
Blanks and component parts (including handles and blades) for cutlers' wares, not elsewhere specified	..	193	15	..	220
Canteens and cased cutlery (d)	..	115	27	..	147
Spoons and forks of stainless steel	184	118	20	126	114
Hair clippers (other than electrically operated), complete	42	138	..	..	448
Other cutlers' wares	..	148	26	..	244
Unclassified cutlery	..	302	26	..	244
Waste products	..	77	39	..	1(e)
Repair work (f)	..	70	31	..	67
Work done for the trade or on commission (f)	..	120	30	..	104
Total		17,790	..		12,220
Sales in other trades (see Table 9)		1,606	..		1,306
Principal products of this trade sold by establishments in the trade		16,184	155		10,914

- (a) Excluding silversmiths' wares, for which see the Jewellery and Plate Trade (Volume 5, Trade J). For surgical knives see the Scientific, Surgical and Photographic Instruments, etc. Trade (Volume 5, Trade H).  
 (b) May include some parts (including blades and blanks) sold separately.  
 (c) Excluding electric razors for which see the Electrical Engineering (General) Trade (Volume 4, Trade K).  
 (d) The total value of the canteens and cased cutlery sold in 1951 was £264,000, including the value of cutlery, etc. (£149,000) made by establishments in this trade and included against other appropriate headings. The corresponding figures for 1948 were £264,000 and £117,000.  
 (e) Excluding scrap iron and steel.  
 (f) Amount charged.

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

Larger establishments in Great Britain

TABLE 9

	1951			1948	
	Quantity	Value	Entries	Quantity	Value
	Th.do.	£'000	No.	Th.do.	£'000
Knives					
Knives for use in machines, excluding guillotine and shear blades	29	121	22	27	95
Other knives with one or more blades made wholly or partly of steel or iron, other than surgical knives	..	354	..	..	249
Complete					
Knives with folding blades	-	-	-	2	-
Table, dessert, tea and carving knives, including forks and steels sold in sets with carvers	..	54	6	..	27
Other and unclassified knives, blades and blanks for blades, sold separately, and guillotine and shear blades	4	5	20	50	186
	..	409	..	..	234

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TABLE 9 (contd.)

	1951			1948	
	Quantity	Value	Entries	Quantity	Value
	Th.do.	£'000	No.	Th.do.	£'000
Scissors (other than secateurs) and tailors' shears, made wholly or partly of steel or iron	1	3	..	5 ..	12 4
Razors					
Safety					
Complete	69	94	..	64	37
Component parts thereof, sold separately	..	62	..	..	7
Canteens and cased cutlery	..	65	..	..	89
Hair clippers (other than electrically operated), complete	42	138	..	..	333
Blanks and component parts (including handles and blades) for cutlers' wares, not elsewhere specified	..	73	9	..	28
Other cutlers' wares, including spoons and forks of stainless steel	..	224	11	..	1
Unclassified cutlery	..	3	..	..	1
Work done for the trade or on commission (a)	..	3	..	..	1
Total		1,606	..		1,306

(a) Amount charged.

Sales in the trade of other than principal products

Larger establishments in Great Britain

TABLE 10

	1951		1948	
	Quantity	Value	Quantity	Value
	Th.do.	£'000	Th.do.	£'000
Goldsmiths' and silversmiths' wares				
Spoons and forks, other than of stainless steel	704	534	905	550
Other sorts	..	259	..	50
Tools and implements	..	319	..	329
Other goods	..	1,742	..	603
Work done	..	-	..	9(a)
Total		2,853		1,542

(a) Amount charged.

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## 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.
Knives with one or more blades made wholly or partly of steel or iron, other than surgical knives or knives for use in machines			
Complete			
Knives with folding blades	{ 1951 967 1948 650 1937 674	{ 406 332 124	{ .. 5 14
Table, dessert, tea and carving knives, excluding carvers sold with forks or forks and steels	{ 1951 1,874 1948 1,435	{ 1,015 (f) 740 (f)	{ .. ..
Trade knives	{ 1951 301 (g) 1948 205	{ 126 114	{ .. ..
Other knives	{ 1951 442 (g) 1948 330 (g)	{ 111 83	{ .. ..
Total knives, complete, other than with folding blades	{ 1951 2,617 1948 1,970 1937 1,982	{ 1,252 936 803	{ .. 7 43
Total knives, complete	{ 1951 3,584 (h) 1948 2,750 (h) 1937 2,656	{ 1,658 1,268 927	{ 267 12 57
	£'000	£'000	£'000
Blades and blanks for blades	{ 1951 783 1948 273	{ 75 48	{ - -
Other parts and blanks	{ 1951 29 1948 74	{ 30 18	{ 4 -
Total blades, blanks and other parts	{ 1951 812 1948 347 1937 235	{ 104 67 17	{ 5 - 3
Scissors (other than secateurs) and tailors' shears, made wholly or partly of steel or iron (i)	Th. doz. prs.	Th. doz. prs.	Th. doz. prs.
Complete			
Not exceeding 5 inches in length	{ 1951 369 1948 238 (g) 1937 ..	{ 88 43 41	{ 83 3 40

TABLE 11 (contd.)

	Production (b) (c)	Exports (d)	Retained imports (e)
	Th. doz. prs.	Th. doz. prs.	Th. doz. prs.
Scissors (other than secateurs) and tailors' shears, made wholly or partly of steel or iron (i) (contd.)			
Complete (contd.)			
Over 5 inches in length (including tailors' shears)	{ 1951 267 1948 170 1937 ..	{ 83 71 17	{ 55 5 36
Total scissors and tailors' shears, complete	{ 1951 649 (h) 1948 415 (h) 1937 449	{ 172 114 58	{ 138 8 76
Razors	Th. doz.	Th. doz.	Th. doz.
Safety			
Complete	{ 1951 959 1948 542 1937 302	{ 626 213 187	{ .. - 40
Component parts thereof	Th. gross	Th. gross	Th. gross
Blades	{ 1951 10,889 1948 6,269 1937 3,902	{ 5,730 (j) 2,854 947	{ 51 (j) 94 (j) 226
Other components (including blanks and handles)	{ 1951 94 1948 43 1937 45	{ 59 (k) 43 22	{ .. - 6
Other razors (not electric), complete (l)	Th. doz. { 1951 8 (g) 1948 14 (g) 1937 13	Th. doz. { 3 3 5	Th. doz. { .. 5 8
Hair clippers (other than electrically operated), complete	1951 42	34	2
Carving knives and forks and carving knives and forks and steels, sold in sets	£'000 { 1951 224 1948 228 (n) 1937 32 (m)	£'000 { .. 38 (m) 7 (n)	£'000 { 2 (m) - 1 (m)

(a) Figures of production (or sales) refer only to larger establishments. All recorded exports from and imports into the United Kingdom are given in the table. The figures, therefore, are not strictly comparable.

(b) Sales in 1951 and 1948, and production for sale in 1937.

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

(d) Valued f.o.b.

(e) Valued c.i.f.

(f) Including all carvers.

(g) Partly estimated.

(h) Including unclassified sales, partly estimated.

(i) The overseas trade figures, with the exception of those for exports in 1951 and 1948 include blades and blanks.

(j) Including blanks.

(k) Excluding blanks.

(l) The overseas trade figures include handles, blades and blanks.

(m) Described as 'Knife sharpeners wholly or partly of steel, and carving forks, (including component parts and blanks)'.

(n) Including knife sharpeners sold separately.

80	81	82	83	84	85	86
127	82	88	820.1	070.1	180.1	
77	801	101	101	011	811	
202	878	107	227	328	718	
811	821	121	121	821	021	
821.1	811.1	(8)121.1	(8)121.1	(8)821.1	(8)021.1	

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

TABLE 12

Materials used	Quantity
	Th. tons
Non-alloy steel	
Bars and rods	2.8
Hoop and strip (including tape)	3.0
Plates and sheets (other than tin, terne, and black plates and sheets, and electrical sheets)	
1/8 inch thick and over	0.1
Under 1/8 inch thick	0.4
Drop forgings	3.2
Alloy steel (including high speed steel)	
Ingots, billets, blooms and slabs	0.1
Bars, rods, angles, shapes, sections, girders, joists, beams and pillars (not fabricated)	2.0
Plates, sheet and strip	0.7
Iron and steel not specified above, except finished parts and scrap	1.3
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	21.5
Other non-ferrous alloys	5.4

TABLE 13

(i) Operatives

Employment in September  
Larger establishments (a)

	Great Britain						Number
	1951(b)	1950(b)	1949(b)	1948(c)	1937(c)	1935(c)	
Males							
Under 18	496	326	282	364	878	1,159	
All ages	5,740	6,083	5,712	5,996	5,026	5,373	
Females							
Under 18	615	514	474	600	1,934	1,833	
All ages	6,344	5,932	5,262	5,303	5,301	4,853	
Total							
Under 18	1,111	840	756	964	2,812	2,992	
All ages	12,084	12,015	10,974	11,299	10,327	10,226	

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

	Great Britain						Number
	1951	1950	1949	1948	1937	1935	
Males							
Under 18	12	9	26	20	49	39	
All ages	1,041	1,070	1,059	986	738	724	
Females							
Under 18	128	119	121	131	108	77	
All ages	817	826	765	701	479	425	
Total							
Under 18	140	128	147	151	157	116	
All ages	1,858(e)	1,896(e)	1,824(e)	1,687(e)	1,217	1,149	

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TABLE 13 (contd.)

(iii) Total employees

	Great Britain						Number
	1951	1950	1949	1948	1937	1935	
Males							
Under 18	508	335	308	384	927	1,198	
All ages	6,781	7,153	6,771	6,982	5,764	6,097	
Females							
Under 18	743	633	595	731	2,042	1,910	
All ages	7,161	6,758	6,027	6,004	5,780	5,278	
Total							
Under 18	1,251	968	903	1,115	2,969	3,108	
All ages	13,942(e)	13,911(e)	12,798(e)	12,986(e)	11,544	11,375	

(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	6	Males	134	Females	
Other workers	33	Males	50	Females	

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

(c) Average for the year.

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

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

(iv) Working proprietors

	Great Britain				Number
	1951	1950	1949	1948	
Males	54	56	57	59	
Females	4	2	1	1	
Total	58	58	58	60	

Average employment

Larger establishments (a)

TABLE 14

	Great Britain						Number
	1951	1950	1949	1948	1937	1935	
Operatives	11,915	11,835	11,073	11,299	10,327	10,226	
Administrative, technical and clerical employees	1,816	1,885	1,808	1,687(b)	1,217(b)	1,149(b)	
Total	13,731	13,720	12,881	12,986	11,544	11,375	

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

(b) In week ended September 25, 1948, October 16, 1937, and October 12, 1935. 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.

	Great Britain					
	1951	1950	1949	1948	1937	1935
Males	687	628	557	504	..	..
Females	119	84	53	46	..	..
Total	806	712	610	550	..	..

(84773/1)

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	1,735	13,880	1
Continuous 4 shift systems per 24 hours averaging 6 hours per shift	-	-	-
All 2 shift systems	1,035	9,823	4
Other shift systems	-	-	-
Total	2,770	23,703	(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	155	5	12,084	2,513	554
Percentage of total in trade	100.0	3.2	100.0	20.8	4.6
Percentage of total on returns showing shift-work				100.0	22.0

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

Larger establishments

TABLE 16

£'000

	Great Britain			
	1951	1950	1949	1948
Wages and salaries (a) of				
Operatives	3,583	3,193	2,939	2,941
Administrative, technical and clerical employees	1,067	988	928	859
Total	4,650	4,181	3,867	3,800
Employers' contributions to all National Insurance Schemes	125	121	116	97

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

Great Britain			
1951	1950	1949	1948
240	179	185	180

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

Larger establishments

TABLE 17

£'000

	Great Britain		
	1951	1949	1948
Plant, machinery and vehicles			
Acquisitions			
Plant and machinery			
New	273	272	402
Second-hand	28	12	6
Vehicles			
New	58	30	30
Second-hand	45	17	20
Total acquisitions	404	331	458
Disposals			
Plant and machinery			
Vehicles			
Total disposals	61	30	44
New building work			
Capital expenditure on new building and other constructional work of a capital nature (excluding site values and development charges)	151	127	47

COUNTRY TABLES, 1951

Note - There were no larger establishments in Wales in the register for this trade, and owing to the risk of disclosure of information relating to individual firms separate particulars for larger establishments in Scotland cannot be given.

TABLE 18 - Summary: Larger establishments

See Table 1.

Summary: Small firms (a)

TABLE 19

	England (b)	Wales (b)	Scotland	Great Britain
Number of returns	237	..	6	243
Average number of persons employed (c)				
Males	728	..	16	744
Females	441	..	3	444
Total	1,169	..	19	1,188

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

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

(c) Including working proprietors.



Sales in the trade  
Larger establishments

TABLE 20

	England and Wales		Scotland		Great Britain	
	Quantity Th.doz.	Value £'000	Quantity	Value £'000	Quantity Th.doz.	Value £'000
Principal products						
Knives						
Knives for use in machines, excluding guillotine and shear blades	60	289	-	-	60	289
Other knives with one or more blades made wholly or partly of steel or iron, other than surgical knives	..	325	-	-	..	325
Complete						
Knives with folding blades	967	883	-	-	967	883
Table, dessert, tea and carving knives, including forks and steels sold in sets with carvers	..	2,348	-	-	..	2,348
Other and unclassified knives, blades and blanks for blades, sold separately, and guillotine and shear blades	..	(a)	..	(a)	1,544	991
Other parts and blanks, sold separately	..	29	-	-	..	29
Scissors (other than secateurs) and tailors' shears, made wholly or partly of steel or iron	..	(a)	..	(a)	644	995
Razors						
Safety						
Complete	..	(a)	..	(a)	890	1,339
Component parts thereof, sold separately	..	(a)	..	(a)	..	7,250
Other razors (not electric), complete	6	13	-	-	6	13
Canteens and cased cutlery (b)	..	50	-	-	..	50
Blanks and component parts (including handles and blades) for cutlers' wares, not else- where specified	..	385	-	-	..	385
Other cutlers' wares, including spoons and forks of stainless steel	..	77	-	-	..	77
Unclassified cutlery	..	77	-	-	..	77
Waste products	..	70	-	-	..	70
Repair work (c)	..	117	-	-	..	117
Work done for the trade or on commission (c)	..	117	-	-	..	117
Total principal products		(a)		(a)		16,184
Other output						
Goldsmiths' and silversmiths' wares						
Spoons and forks, other than of stainless steel	704	534	-	-	704	534
Other sorts	..	259	-	-	..	259
Tools and implements	..	319	-	-	..	319
Other goods	..	1,742	-	-	..	1,742
Total		(a)		(a)		19,037

- (a) Owing to the risk of disclosure of information relating to individual firms, separate particulars cannot be given.  
(b) The total value of canteens and cased cutlery sold in 1951 was £198,000 including the value of cutlery, etc. (£149,000) made by establishments in this trade and included against other appropriate headings.  
(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

		Great Britain
Products on hand for sale	{ at beginning of year	473
	{ at end of year	639
Work in progress	{ at beginning of year	518
	{ at end of year	779
Total products on hand for sale and work in progress	{ at beginning of year	990
	{ at end of year	1,418
Materials and fuel	{ at beginning of year	1,152
	{ at end of year	1,649

TABLE 22 - Employment in September: Larger establishments

See Table 13.

TABLE 23 - Average employment: Larger establishments

See Table 14.

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

See Table 16.

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

## Larger establishments

TABLE 25

£'000

	England and Wales	Scotland	Great Britain
Plant, machinery and vehicles			
Acquisitions			
Plant and machinery			
New	(a)	(a)	273
Second-hand	28	-	28
Vehicles			
New	(a)	(a)	58
Second-hand	45	-	45
Total acquisitions	(a)	(a)	404
Disposals			
Plant and machinery			
Vehicles	37	-	37
	24	-	24
Total disposals	61	-	61
New building work			
Capital expenditure on new building and other constructional work of a capital nature (excluding site values and development charges)	151	-	151

- (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	(a)	(a)	70
Amount paid or credited to firms' own separate transport organisations	3	-	3
Total	(a)	(a)	73

£'000

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

## 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, merchantable 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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