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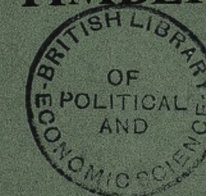
BOARD OF TRADE

THE REPORT
on the
CENSUS OF PRODUCTION
FOR 1951

Volume 10

Trade A

TIMBER



*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).*

LONDON: HER MAJESTY'S STATIONERY OFFICE

1955

TWO SHILLINGS NET

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* Not applicable to this trade

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(HA 251)
STATISTICS
BACK-UP

TIMBER TRADE

THIS REPORT on the Timber Trade relates to establishments engaged wholly or mainly in sawmilling and the manufacture of more finished timber goods (except furniture, wooden containers and shop and office fittings) and of cork products.

This trade corresponds to minimum list headings 170 and 179 in the Standard Industrial Classification.

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.

TIMBER TRADE

Summary

Larger establishments (a)

TABLE 1

	United Kingdom			Great Britain		United Kingdom
	1951	1950	1949	1949	1948	1935
	£'000	£'000	£'000	£'000	£'000	£'000
Gross output (production) (b)	143,012	121,445	114,600	112,330	109,586	32,479
Cost of materials and fuel used (c)	87,443	73,646	68,305	66,709	62,127	18,496
Payment for work done on materials given out	691	535	722	720	682	68
Transport payments (d)	4,017	..	..	..	..	..
Net output	50,861	47,264	45,574	44,901	46,778	13,915
Wages and salaries of persons employed	30,999	29,706	28,472	28,060	27,282	..
	No.	No.	No.	No.	No.	No.
Average number of persons employed (e)	88,842	92,136	92,580	90,730	91,132	69,118
	£	£	£	£	£	£
Net output per person employed (e)	572	513	492	495	513	201
Stocks at end of year	£'000	£'000	£'000	£'000	£'000	£'000
Products on hand for sale and work in progress	10,836	7,996	7,294	7,106	6,182	..
Materials and fuel	24,128	16,944	15,354	15,265	15,467	..
	No.	No.	No.	No.	No.	No.
Number of establishments	1,806	1,947	1,928	1,889	1,885	1,524

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)	129,533	122,515	115,802	113,547	98,748	29,628
Other output (h)	10,672					
Changes in stocks and work in progress (i)	+ 2,807	+ 803	+ 472	+ 446	+ 725	
	143,012	123,318	116,274	113,993	110,656	32,479
Less payment for transport outwards (d)	..	1,873	1,673	1,663	1,069	
Gross output (production)	143,012	121,445	114,600	112,330	109,586	32,479
Materials and fuel used by firms in this trade						
Purchases	95,739	75,586	69,060	67,462	63,386	18,496
Changes in stocks (i)	- 8,296	- 1,940	- 756	- 752	- 1,259	
Materials and fuel used	87,443	73,646	68,305	66,709	62,127	18,496

- (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 number of persons employed in this trade see Table 3.
 (f) Total value of sales (1951, 1950, 1949 and 1948) or production for sale (1935).
 (g) For details for 1951 and 1948 see Table 8.
 (h) For details for 1951 and 1948 see Table 10.
 (i) 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	4,306	4,894	5,550	5,427	5,643
Average number of persons employed (b)					
Males	14,576	20,054	22,691	22,160	21,582
Females	1,159	1,445	1,631	1,605	1,630
Total	15,735	21,499	24,322	23,765	23,212

(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 and 1950.
 (b) Including working proprietors.

Estimated average employment (a)

	United Kingdom			Great Britain	
	1951	1950	1949	1949	1948
As returned by firms					
Employing on the average more than ten persons (b)	88,842	92,136	92,580	90,730	91,132
Employing on the average ten or fewer persons (c)	15,735(d)	21,499(d)	24,322	23,765	23,212
Estimated average employment in firms not making satisfactory returns	104,577	113,635	116,902	114,495	114,344
Estimated average employment in all firms	2,241	3,486	4,068	4,068	5,365
	106,818(d)	117,121(d)	120,970	118,563	119,709

- (a) Including working proprietors.
 (b) See Tables 13 (iv) and 14.
 (c) See Table 2.
 (d) 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	707	19,913	7,062	12,459	3,333	828	4,161	567
25 - 49	619	33,786	11,813	21,162	5,850	1,448	7,298	558
50 - 99	318	34,984	12,451	21,621	5,951	1,471	7,422	576
100 - 199	103	22,194	7,878	13,825	3,809	952	4,761	570
200 - 299	32	13,077	4,606	7,821	2,339	563	2,903	589
300 - 399	11	5,148	2,048	3,606	1,054	255	1,309	568
400 - 499	10	6,871	2,518	4,486	1,202	337	1,539	561
500 and over	6	7,041	2,484	3,862	1,216	390	1,606	643
Total	1,806	143,012	50,861	88,842	24,754	6,244	30,999	572

(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	109	7,929	2,462	4.8	4,644	1,187	315	1,502	530
East and West Ridings	120	10,174	3,094	6.1	6,434	1,675	442	2,117	481
North Midland	124	11,168	4,007	7.9	6,722	1,858	459	2,317	596
Eastern	125	12,446	4,586	9.0	7,719	2,183	551	2,734	594
London and South Eastern	386	34,903	13,520	26.6	20,701	6,472	1,748	8,221	653
Southern	124	8,104	3,132	6.2	5,387	1,488	357	1,845	581
South Western	141	8,739	3,456	6.8	6,402	1,720	359	2,079	540
Midland	143	9,482	3,160	6.2	6,024	1,596	421	2,017	525
North Western	176	16,738	5,409	10.6	9,954	2,688	720	3,407	543
Total England	1,448	119,683	42,827	84.2	73,987	20,866	5,373	26,239	579
Wales	67	3,909	1,238	2.4	2,701	704	177	881	458
Scotland	259	16,698	5,938	11.7	10,407	2,803	631	3,434	571
Great Britain	1,774	140,290	50,003	98.3	87,095	24,374	6,181	30,555	574
Northern Ireland	32	2,722	858	1.7	1,747	380	63	444	491
United Kingdom	1,806	143,012	50,861	100.0	88,842	24,754	6,244	30,999	572

(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									
Saw mill products	1,064	89,553	77,689(b)	29,063	48,585	13,534	3,489	17,023	598
Other woodwork for buildings (c)	269	25,966	21,557	9,635	17,401	5,073	1,168	6,241	554
Cork manufactures	32	2,684	2,431	1,201	1,732	434	148	582	693
Remainder of the trade	441	24,809		10,962	21,124	5,713	1,440	7,153	519
Total	1,806	143,012		50,861	88,842	24,754	6,244	30,999	572

(a) Administrative, technical and clerical employees.

(b) Including amount charged for kilning, sawing, planing, creosoting, etc. on timber supplied by other firms or on customers' timber.

(c) Portable wooden buildings, builders' woodwork, etc.

TABLE 7 - Total make of intermediate products: Larger establishments

Some information was collected in this trade on the quantity of wood sawn in the year by sawmillers, but the results are incomplete because similar particulars are not available in respect of other timber using trades.

(99172/1)

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. cu. ft.	£'000	No.	Th. cu. ft.	£'000
Saw mill products					
Sawn hardwoods (other than planed or dressed, or mining timber)					
Ash	1,619	1,268	492	2,064	1,244
Beech	3,028	1,630	470	4,142	1,631
Elm	4,168	2,273	474	4,872	1,878
Oak	6,907	4,847	554	9,049	4,877
Other sorts	6,526	5,109	578	2,026	1,312
Unclassified	5,564	3,616	160	..	110
				4,348	2,036
				..	1,270
Total sawn hardwoods	27,811	18,743	..	26,501	12,977
				..	1,381
Sawn softwoods (other than planed or dressed, or mining timber), not elsewhere specified	Th. standards			Th. standards	
	193.8	19,338	695	239.7	17,132
Planed or dressed woods	Th. cu. ft.			Th. cu. ft.	
Hardwood, other than planed and tongued and grooved flooring blocks or strips	1,977	2,321	322	653	685
Softwood	Th. standards			Th. standards	
Weather boards, flooring, and matchings; skirtings; and tongued, grooved, beaded, v-jointed, etc., boards	104.6	12,059	419	110.2	8,933
Other soft planed or dressed timber, not elsewhere specified (excluding boxboards)	34.1	4,312	297	42.7	3,641
Unclassified	10.8	1,222	21	5.8	469
	..	168	5	4.4	306
				..	70
Planed or dressed woods, unclassified					
Total planed or dressed woods		20,082	..		14,103
Boxboards, of all kinds, sawn or planed, whether or not dovetailed, mortised or tenoned at the ends	12.3	1,381	101	14.1	1,267
	Th. cu. ft. (solid wood)			..	342
Pit props	4,648	887	95	3,885(a)	547
	Th. cu. ft.			..	132
Sawn mining timber	9,782	2,919	344	9,016	2,015
Sleepers and crossings of all kinds, including sleeper blocks (whether creosoted or not)	..	652	119	Th. standards	
				8.4	414
				..	65
Flooring and paving blocks and strips				Th. cu. ft.	
Hardwood flooring blocks and strips, and hardwood parquet flooring in sections	1,485	1,958	175	488	576
Other sorts	121	126	31	297	304
				..	70
Telegraph poles	Thous.	Th. stand- ards		Thous.	Th. stand- ards
	199	11.5	1,142	22	215
				50	11.7
				..	807
					269

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TABLE 8 (contd.)

	United Kingdom 1951			Great Britain 1948	
	Quantity	Value	Entries	Quantity	Value
	Th.sq.ft.	£'000	No.	Th.sq.ft.	£'000
Saw mill products (contd.)					
Plywood (including laminboard, blockboard and battenboard)					
Faced with alder or birch	..	366	12	13,816	1,032
Other sorts (including veneered plywood and metal-faced plywood)	108,485	9,199	46	70,932	5,233
Panel wood	168,162	1,936	24	287	88
Veneers				..	481
Saw mill products, not elsewhere specified	..	1,371	107	165,590	1,340
Total saw mill products		80,098	..	..	1,220
Manufactures of timber and cork					62,699
Portable wooden buildings (bungalows, poultry houses, garages, etc.)	..	7,286	224	..	3,414
Cold room and refrigerator cabinets	..	1,516	38	..	1,332(b)
Manufactures of timber for industrial plant (e.g., grids for gas purification plant) (b)	..	503	11	..	445
Builders' woodwork					
Doors of a height and width not less than 6 feet and 2 feet respectively	Thous.			Thous.	
Flush wood doors	884	1,815	218	324	828
Other	2,256	4,179		281	2,064	3,410
Unclassified	44	124	125	197	359
Doors of a height and width less than 6 feet and 2 feet respectively	264	393	241	281	382
Doors, unclassified	39	100	5	..	114
Window frames, including casement doors and sash windows	496	1,455	283	..	2,080
Other builders' woodwork, excluding flooring blocks	..	1,018	
Unclassified	..	6,912	331	..	5,593
Theatrical scenery, etc.	..	3,957	369	..	2,670
Fences, gates, hurdles, etc.	..	173	13	..	128(c)
Ladders and steps of all kinds	..	1,182	367	..	1,031
Coffins	..	860	123	..	752
Finished	121	1,047	74	96	729
Unfinished	..	175		..	122	441
Unclassified	167	557	61	..	45
Domestic woodware	..	-	-	32	295
Beadings and mouldings	..	1,142	120	..	790
Wooden goods for the boot and shoe trade	..	2,263	304	..	1,321
Heels	Th.doz.prs.			Th.doz.prs.	
Lasts, trees, clog soles, etc.	2,676	1,385	35	1,046	818
Tool handles	..	681	25	..	191
Parts of brushes and brooms made of wood	Th.gross			Th.gross	
Beehives of wood	467.1	1,613	105	416.8	1,472
Other wood goods	..	906	70	..	41
Other wood goods	..	83	10	..	692(b)
Other wood goods	..	5,987	453	..	263(b)
Other wood goods	4,852(d)

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TABLE 8 (contd.)

	United Kingdom 1951			Great Britain 1948	
	Quantity	Value	Entries	Quantity	Value
	Th.cwts.	£'000	No.	Th.cwts.	£'000
Manufactures of timber and cork (contd.)					
Manufactures of cork					
Stoppers	9.1	243	19	8.3	207
Discs of compressed granulated or composition cork	..	425		..	218
Lifebuoys, lifebelts and lifejackets of cork	11.2	251	8	9.3	151
Other sorts, including cork boards	..	40		..	29
Wood flour	..	299	5	..	79(b)
Wood wool and manufactures thereof	603.5	1,882	38	50.8	478
Rustic and garden furniture	..	427	9	..	1,083
Total manufactures of timber and cork	692.9	870	24	409.7	273
Firewood, sawdust and other waste timber sold	..	233		..	40
General and jobbing carpentry work (other than work on buildings and ships) (f)	..	206	56	..	617
Work done on commission or on hire' on timber supplied by other firms or on customers' timber (f) (g)	..	52,464	..	..	444
Kilning and kiln-drying	..	1,834(e)	1,093	..	39,276
Sawing and planing timber, deals, etc.	Th.cu.ft.			Th.cu.ft.	
Planing and moulding	3,078	388	104	2,758	286
Creosoting	..	53		..	56
Turning, carving, fret cutting, veneer cutting	21,069	1,447	359	20,757	1,231
Other work	..	318		..	373
Total	1,637	163	98	2,466	116
Sales in other trades (see Table 9)	..	72		..	89
Principal products of this trade sold by establishments in the trade	5,569	391	40	5,305	329
Other work	Th.cwts.			Th.cwts.	
Total	29.1	41	23	24.0	28
Other work	..	28		..	212
Total	991	991	112	..	1,000
Total	139,065	139,065	..	..	108,495
Sales in other trades (see Table 9)	..	9,532	..	..	9,747
Principal products of this trade sold by establishments in the trade	..	129,533	1,613	..	98,748

(a) To facilitate comparison with 1951, conversion has been made on the basis 1 piled cubic fathom = 216 cubic feet.

(b) So far as recorded separately.

(c) Described as 'Exhibition stands, theatrical scenery, etc.' For the total output of exhibition stands, (recorded separately), see the Shop and Office Fitting Trade (Volume 10, Trade D).

(d) Recorded as:-

Picture frames	185
Wooden spring blind or shade rollers, and wooden rollers therefor, bored at one or both ends or further manufactured	75
Bobbins and reels, other than for use with machinery	699
Other wood goods	3,893

(e) Including, for Northern Ireland, wood wool.

(f) Amount charged.

(g) Quantity kilned, sawn, creosoted, etc.

(99172/1)

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.cu.ft.	£'000	No.	Th.cu.ft.	£'000
Saw mill products					
Sawn hardwoods (other than planed or dressed, or mining timber)					
Beech	10	6	..	42	19
Elm	31	18	..	36	16
Oak	141	109	7	87	48
Other sorts	29	22	..	41	25
Unclassified	172	90	6	13	8
				..	103
Total sawn hardwoods	383	245	..	219	116
				..	103
Sawn softwoods (other than planed or dressed, or mining timber), not elsewhere specified	Th.standards			Th.standards	
	2.8	311	11	7.9	628
Planed or dressed woods					
Hardwood, other than planed and tongued and grooved flooring blocks or strips	Th.cu.ft.			Th.cu.ft.	
	10	13	5	9	7
Softwood	Th.standards			Th.standards	
Weather boards, flooring and matchings; skirtings; and tongued, grooved, beaded, v-jointed, etc. boards	0.6	72	5	2.8	240
Other soft planed or dressed timber, not elsewhere specified (excluding boxboards)	0.8	94	5	1.3	130
Unclassified	..	201	7	-	-
Total planed or dressed woods		380	..		377
Boxboards, of all kinds, sawn or planed, whether or not dovetailed, mortised or tenoned at the ends	1.2	149	8	3.9	381
				..	42
Flooring and paving blocks and strips	Th.cu.ft.			Th.cu.ft.	
	28	28	5	..	37
Plywood (including laminboard, blockboard, battenboard, veneered plywood and metal-faced plywood)	Th.sq.ft.			Th.sq.ft.	
	2,576	218	5	1,202	137
				..	119
Saw mill products, not elsewhere specified, including pitprops, sawn mining timber, sleepers and crossings of all kinds, and veneers	..	298	14	..	361
Total saw mill products		1,630	..		2,302
Manufactures of timber and cork					
Portable wooden buildings (bungalows, poultry houses, garages, etc.)	..	436	24	..	371
Cold room and refrigerator cabinets	..	196	8	..	133
Builders' woodwork	Thous.			Thous.	
Doors of a height and width not less than 6 feet and 2 feet respectively					
Flush wood doors	2	8	6	3	7
Other	..	44	..	..	9
Unclassified	53	107	13	42	74
Doors of a height and width less than 6 feet and 2 feet respectively	44	124	125	197	359
	23	47	77	52	56
				..	9

(99172/1)

TABLE 9 (contd.)

	United Kingdom 1951			Great Britain 1948	
	Quantity	Value	Entries	Quantity	Value
	Thous.	£'000	No.	Thous.	£'000
Manufactures of timber and cork (contd.)					
Builders' woodwork (contd.)					
Window frames, including casement doors and sash windows	7	23	18	..	106
Other builders' woodwork excluding flooring blocks	..	484	60	..	261
Unclassified	..	1,562	325	..	1,038
Fences, gates, hurdles, etc.	..	46	11	..	66
Ladders and steps of all kinds	..	113	13	..	112
Coffins					
Finished	..	148	18	9	74
Unfinished	9	40	5	2	4
Unclassified	-	-	-	..	1
Domestic woodware	..	215	9	..	119
Beadings and mouldings	..	24	6	..	127
Wooden goods for the boot and shoe trade	..	226	8	..	137
Tool handles	Th.gross.			Th.gross.	
	15.6	75	31	9.5	63
				..	23
Parts of brushes and brooms made of wood	..	32	..	..	55
Other wood goods, including manufactures of timber for industrial plant (e.g., grids for gas purification plant), theatrical scenery and beehives of wood	..	1,412	113	..	1,206
Manufactures of cork	Th.cwts.			Th.cwts.	
Stoppers	..	273	5	2.9	69
Other sorts	..	248	5	..	99
Wood flour; and wood wool and manufactures thereof	238.4	247	11	3.0	45
Rustic and garden furniture	..	51	6	..	77
	..	123	6	..	22
				..	334
Total manufactures of timber and cork		6,385	..		5,364
Firewood, sawdust and other waste timber sold	..	946	248	..	1,133
General and jobbing carpentry work (other than work on buildings and ships) (a)		411	25		393
Work done on commission or 'on hire' on timber supplied by other firms or on customers' timber (a) (b)				Th.cu.ft.	
Kilning and kiln-drying	..	29	..	38	5
Sawing and planing timber, deals etc.	..	82	8	..	34
Other work, including planing and moulding and turning, carving, fret cutting, veneer cutting		49	..	457	34
				..	62
Total		9,532	..		419

(a) Amount charged.

(b) Quantity kilned, sawn, creosoted, etc.

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Sales in the trade of other than principal products

Larger establishments

TABLE 10

	United Kingdom 1951		Great Britain 1948	
	Quantity	Value	Quantity	Value
	Th.cu.ft. of timber used	£'000	Th.cu.ft. of timber used	£'000
Cases, crates and boxes for packing merchandise	3,230	3,182	2,596	1,906
	..	673	..	761
Other boxes, cases, chests and travelling trunks of wood, except cabinet ware	530	521	402	274
	..	94	..	327
Staves and other parts of casks, barrels, etc.	..	239	..	298
Furniture and cabinet ware of wood (wardrobes, sideboards, chests, tables, etc.)	..	743	..	714
Parts of furniture (sofa frames, chair frames, etc.) sold separately	..	320	..	302
Exhibition stands	..	59	..	(a)
Built-in wooden furniture and wood fittings, not included elsewhere				
For shops and offices (including banks)	..	239	..	364
For other purposes	..	631	..	910
Vehicles, not mechanically propelled, complete, including wheelbarrows	..	146	..	157
Bodies, wheels, spokes and other wood parts of carriages, wagons, etc.	..	142	..	324
Aircraft accessories and parts	..	113	..	200
Wood accessories for the engineering and textile trades	..	960	..	548
Other goods	..	954	..	1,229
Work done (b)				
On buildings (fixing roofing, laying flooring, putting in window frames, doors, etc.)				
As main contractors		540		1,305
As sub-contractors		1,031		1,041
Other work		88		524
Total		10,672		11,182

(a) See note (c) to Table 8.

(b) Amount charged.

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

TABLE 11

		Production (b)	Exports (c)	Retained imports (c)
		Th.cu.ft.		Th.cu.ft.
Saw mill products (d)				
Sawn hardwoods (other than planed or dressed, or mining timber) (e)				
Oak	{ 1951	6,907	..	5,985
	{ 1948	9,049	..	4,977
	{ 1935	5,036	..	11,434
Ash	{ 1951	1,619	..	525
	{ 1948	2,064	..	579
Beech	{ 1951	3,028	..	7,877
	{ 1948	4,142	..	3,298

(99172/1)

TABLE 11 (contd.)

		Production (b)	Exports (c)	Retained imports (c)
		Th.cu.ft.		Th.cu.ft.
Saw mill products (d) (contd.)				
Sawn hardwoods (other than planed or dressed, or mining timber) (e) (contd.)				
Other sorts	{ 1951	10,693	..	24,053
	{ 1948	7,090(f)	..	10,466
	{ 1935	5,679	..	23,343
Total sawn hardwoods	{ 1951	£'000 18,743(g)	£'000 105	£'000 28,510
	{ 1948	14,357(g)	67	11,510
	{ 1935	2,411(g)	..	5,648
Sawn softwoods (other than planed or dressed, or mining timber), not elsewhere specified	{ 1951	Th.standards 193.8	Th.standards 0.1(h)	Th.standards 1,576.6'
	{ 1948	239.7	1.0(h)	815.3
	{ 1935	235.6	..	1,679.5
Planed or dressed woods (e)				
Hardwood, other than planed and tongued and grooved flooring blocks or strips	{ 1951	Th.cu.ft. 1,977	Th.cu.ft. ..	Th.cu.ft. 282
	{ 1948	653	..	135
	{ 1935	1,083	..	4,017
Softwood				
Weather boards, flooring and matchings; skirtings; and tongued, grooved, beaded, v-jointed, etc. boards	{ 1951	Th.standards 104.6	Th.standards ..	Th.standards 12.9
	{ 1948	110.2	..	15.8
	{ 1935	203.6	..	190.8
Other soft planed or dressed timber, not elsewhere specified (excluding boxboards)	{ 1951	34.1	..	13.2
	{ 1948	42.7	..	27.1
	{ 1935	83.6	..	96.9
Total planed or dressed softwood	{ 1951	149.6(g)	..	26.0
	{ 1948	158.7(g)	..	42.9
	{ 1935	305.5(g)	..	287.7
Total planed or dressed woods	{ 1951	£'000 20,082(g)	£'000 18	£'000 2,438
	{ 1948	14,103(g)	20	2,883
	{ 1935	6,422(g)	9	4,067
Boxboards, of all kinds, sawn or planed, whether or not dovetailed, mortised, or tenoned at the ends	{ 1951	1,381	..	4,382
	{ 1948	1,609	..	2,013
Pit props	{ 1951	Th.cu.ft. (solid wood) 4,648	Th.cu.ft. (solid wood) ..	Th.cu.ft. (solid wood) 89,618
	{ 1948	4,820(f)	..	117,481
	{ 1935	15,894	..	116,208
Sleepers and crossings of all kinds, including sleeper blocks (whether creosoted or not)	{ 1951	£'000 652	£'000 ..	£'000 6,225
	{ 1948	479	..	3,492
	{ 1935	665	..	851(i)
Hardwood flooring blocks and strips, and hardwood parquet flooring in sections	{ 1951	Th.cu.ft. 1,485	Th.cu.ft. 7	Th.cu.ft. 251
	{ 1948	488	16	9
Telegraph poles	{ 1951	Th.standards 11.5	Th.standards ..	Th.standards 9.2
	{ 1948	16.0(f)	..	13.8
	{ 1935	11.6	..	16.7
Plywood (including laminboard, block- board, battenboard, veneered plywood and metal-faced plywood)	{ 1951	£'000 9,565	£'000 108	£'000 17,080
	{ 1948	7,169	33	7,909
	{ 1935	1,044	38	3,427
Manufactures of timber and cork				
Builders' woodwork (e)				
Doors of a height and width not less than 6 feet and 2 feet respectively	{ 1951	Thous. 3,320(f)	Thous. 10	Thous. 40
	{ 1948	2,630(f)	21	27
	{ 1935	1,633	6	1,904

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TABLE 11 (contd.)

		Production (b)	Exports (c)	Retained imports (c)
		£'000	£'000	£'000
Manufactures of timber and cork (contd.)				
Builders' woodwork (e) (contd.)				
Other doors	1951	393	8	-
	1948	496	16	-
	1935	184	2	5
Total doors	1951	6,887 (g)	44	96
	1948	5,195	93	52
	1935	1,051	10	687
Other builders' woodwork, excluding flooring blocks	1951	9,385	81	93
	1948	7,673	134	17
	1935	5,659	35	68
Total builders' woodwork, excluding flooring blocks	1951	20,229 (g)	124	189
	1948	15,539 (g)	227	69
	1935	7,182 (g)	45	755
Domestic woodware	1951	1,142	..	606
	1948	790	37	87
	1935	344	10	178
Beadings and mouldings	1951	2,263	21	49
	1948	1,321	21	14
Wooden heels		Th.doz.prs.	Th.doz.prs.	Th.doz.prs.
	1951	2,676	..	47
	1948	1,290 (f)	1	96
1935	2,006	34	937	
Tool handles		Th.gross.	Th.gross	Th.gross
	1951	467.1	11.4	114.0
	1948	421.0 (f)	7.9	66.9
1935	182.4	6.2	57.6	
Stoppers of cork		£'000	£'000	£'000
	1951	668	71	809
	1948	426	42	463
1935	217	17	218	
Wood flour		Th.cwts.	Th.cwts.	Th.cwts.
	1951	603.5	..	345.8
	1948	469.0 (f)	..	186.4
1935	220.9	2.0	90.7	

- (a) Figures of production (or sales) refer only to larger establishments in the United Kingdom (1951 and 1935) 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 1935; including output of establishments classified to other trades.
- (c) Exports valued f.o.b., imports c.i.f.
- (d) The 1935 production and retained import figures for saw mill products other than sawn hardwoods and plywood were recorded in loads. To facilitate comparison with later years conversion has been made on the basis of 1 load = 50 cu.ft.; and 1 standard = 165 cu.ft.
- (e) The detailed production (or sales) figures are deficient on account of unclassified output (see Table 8).
- (f) Partly estimated.
- (g) Including unclassified output (see footnote (e)).
- (h) Converted from tons to standards on the basis 2.4 tons = 1 standard.
- (i) Sleepers only. Sleeper blocks are included in the figures shown for 'Sawn softwoods, not elsewhere specified.'

Usage of certain specified purchased materials, 1951
Larger establishments in the United Kingdom

TABLE 12

Materials used	Quantity	
	Sawmillers Th.cu.ft.	Firms other than sawmillers Th.cu.ft.
Unsawn timber		
Home grown		
Hard	35,562	3,617
Soft	12,856	8,170
Imported		
Hard	5,506	3,851
Soft	Th.standards	Th.standards
	10.4	23.2
Home grown and imported, unclassified	Th.cu.ft.	Th.cu.ft.
Hard	590	163
Soft	70	
Sawn timber		
Home grown		
Hard	4,080	1,849
Soft	1,778	300
Imported		
Hard	5,161	4,930
Soft	Th.standards	Th.standards
	345.6	92.3
Home grown and imported, unclassified	Th.cu.ft.	Th.cu.ft.
Hard	160	52
Soft	2,479	

Employment in September

Larger establishments (a)

TABLE 13

(i) Operatives

	United Kingdom			Great Britain		Number
	1951(b)	1950(b)	1949(b)	1949(b)	1948(c)	United Kingdom 1935(c)
Males						
Under 18	7,668	7,669	7,964	7,699	7,820	9,761
All ages	68,979	71,419	71,442	69,840	70,588	56,875
Females						
Under 18	932	582	696	694	826	1,144
All ages	7,738	7,387	7,513	7,495	7,826	3,262
Total						
Under 18	8,600	8,251	8,660	8,393	8,646	10,905
All ages	76,717	78,806	78,955	77,335	78,414	60,137

(continued overleaf)

TABLE 13 (contd.)

	(ii) Administrative, technical and clerical employees (d)					Number
	United Kingdom			Great Britain		United Kingdom
	1951	1950	1949	1949	1948	1935
Males						
Under 18	402	432	438	420	440	625
All ages	8,862	9,088	9,013	8,879	8,572	7,143
Females						
Under 18	614	574	575	560	590	238
All ages	3,771	3,742	3,640	3,582	3,619	1,838
Total						
Under 18	1,016	1,006	1,013	980	1,030	863
All ages	12,633(e)	12,830(e)	12,653(e)	12,461(e)	12,191(e)	8,981

	(iii) Total employees					Number
	United Kingdom			Great Britain		United Kingdom
	1951	1950	1949	1949	1948	1935
Males						
Under 18	8,070	8,101	8,402	8,119	8,260	10,386
All ages	77,841	80,507	80,455	78,719	79,160	64,018
Females						
Under 18	1,546	1,156	1,271	1,254	1,416	1,382
All ages	11,509	11,129	11,153	11,077	11,445	5,100
Total						
Under 18	9,616	9,257	9,673	9,373	9,676	11,768
All ages	89,350(e)	91,636(e)	91,608(e)	89,796(e)	90,605(e)	69,118

(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 38 Males 553 Females
Other workers 7,742 Males 818 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, 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 1935 figures include working proprietors.

	(iv) Working proprietors					Number
	United Kingdom			Great Britain		
	1951	1950	1949	1949	1948	
Males	441	504	572	494	514	
Females	23	21	25	19	13	
Total	464	525	597	513	527	

Average employment
Larger establishments (a)

TABLE 14

	Average employment					Number
	United Kingdom			Great Britain		United Kingdom
	1951	1950	1949	1949	1948	1935
Operatives	75,861	78,999	79,367	77,790	78,414	60,137
Administrative, technical and clerical employees	12,517	12,612	12,616	12,427	12,191(b)	8,981(b)
Total	88,378	91,611	91,983	90,217	90,605	69,118

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

(b) In week ended September 25, 1948 and October 12, 1935. The 1935 figure includes working proprietors.

Outworkers. 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	1935
Males	12	38	31(c)	27(c)	25	..
Females	23	22	15(c)	15(c)	22	..
Total	35	60	46(c)	42(c)	47	..

(c) Corrected figure.

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	2,604	21,282	9
Continuous 4 shift systems per 24 hours averaging 6 hours per shift	-	-	-
All 2 shift systems	8,087	75,730	22
Other shift systems	-	-	-
Total	10,691	97,012	(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	1,581	31	75,310	5,405	2,076
Percentage of total in trade	100.0	2.0	100.0	7.2	2.8
Percentage of total on returns showing shift-work				100.0	38.4

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

Larger establishments

	United Kingdom			Great Britain	
	1951	1950	1949	1949	1948
Wages and salaries (a) of					
Operatives	24,754	23,655	22,739	22,375	21,822
Administrative, technical and clerical employees	6,244	6,051	5,733	5,685	5,460
Total	30,999	29,706	28,472	28,060	27,282
Employers' contributions to all National Insurance Schemes	890	919	904	887	738

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

United Kingdom			Great Britain	
1951	1950	1949	1949	1948
5	9	9(b)	8(b)	11

(b) Corrected figure.

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

Larger establishments

	United Kingdom		Great Britain	
	1951	1949	1949	1948
Plant, machinery and vehicles				
Acquisitions				
Plant and machinery				
New	1,935	1,782	1,745	1,786
Second-hand	183	196	195	269
Vehicles				
New	979	798	789	770
Second-hand	281	209	204	296
Total acquisitions	3,378	2,985	2,933	3,120
Disposals				
Plant and machinery	180	200	199	226
Vehicles	240	182	180	147
Total disposals	420	382	379	373
New building work				
Capital expenditure on new building and other constructional work of a capital nature (excluding site values and development charges)	912	797	765	683

1951

Summary

Larger establishments

TABLE 18

	England	Wales	Scotland	Great Britain	Northern Ireland	United Kingdom
	£'000	£'000	£'000	£'000	£'000	£'000
Gross output (production)	119,683	3,909	16,698	140,290	2,722	143,012
Cost of materials and fuel used	73,163	2,529	9,949	85,641	1,803	87,443
Payment for work done on materials given out	564	4	119	688	3	691
Transport payments	3,129	138	691	3,958	58	4,017
Net output	42,827	1,238	5,938	50,003	858	50,861
Wages and salaries of persons employed	26,239	881	3,434	30,555	444	30,999
No.	No.	No.	No.	No.	No.	No.
Average number of persons employed (a)	73,987	2,701	10,407	87,095	1,747	88,842
£	£	£	£	£	£	£
Net output per person employed (a)	579	458	571	574	491	572
£'000	£'000	£'000	£'000	£'000	£'000	£'000
Stocks at end of year						
Products on hand for sale and work in progress	9,280	282	988	10,550	286	10,836
Materials and fuel	19,539	480	3,801	23,820	309	24,128
No.	No.	No.	No.	No.	No.	No.
Number of establishments	1,448	67	259	1,774	32	1,806

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)	117,289	3,830	16,401	137,521	2,685	140,205
Changes in stocks and work in progress (see Table 21)	+ 2,394	+ 79	+ 296	+ 2,769	+ 38	+ 2,807
Gross output (production)	119,683	3,909	16,698	140,290	2,722	143,012
Materials and fuel used by firms in this trade						
Purchases	80,005	2,692	11,099	93,795	1,944	95,739
Changes in stocks (see Table 21)	- 6,842	- 163	- 1,150	- 8,155	- 141	- 8,296
Materials and fuel used	73,163	2,529	9,949	85,641	1,803	87,443

(a) Excluding outworkers but including working proprietors.

Summary

Small firms in Great Britain (a)

TABLE 19

	England	Wales	Scotland	Great Britain
Number of returns	3,524	202	580	4,306
Average number of persons employed (b)				
Males	11,452	745	2,379	14,576
Females	939	52	168	1,159
Total	12,391	797	2,547	15,735

(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
	Th. cu. ft.	£'000	Th. cu. ft.	£'000	Th. cu. ft.	£'000	Th. cu. ft.	£'000	Th. cu. ft.	£'000
Principal products										
Saw mill products										
Sawn hardwoods (other than planed or dressed, or mining timber)										
Beech	2,173	1,249	845	374	3,018	1,623	..	(a)	3,018	1,623
Elm	3,919	2,155	217	100	4,137	2,255	..	(a)	4,137	2,255
Oak	6,139	4,313	627	426	6,766	4,739	..	(a)	6,766	4,739
Other sorts	6,766	5,184	1,349	1,171	8,115	6,355	..	(a)	8,115	6,355
Unclassified	4,730	3,122	331	172	5,061	3,294	331	232	5,392	3,526
Total sawn hardwoods	23,728	16,023	3,368	2,243	27,097	18,266	331	232	27,428	18,498
Sawn softwoods (other than planed or dressed, or mining timber), not elsewhere specified										
	133.0	13,517	50.7	4,727	183.7	18,243	7.3	784	191.0	19,027
Planed or dressed woods										
Hardwood, other than planed and tongued and grooved flooring blocks or strips										
	1,701	1,886	243	395	1,944	2,281	23	27	1,967	2,308
Softwood										
Weather boards, flooring and matchings; skirtings; and tongued, grooved, beaded, v-jointed, etc. boards										
	84.4	9,488	14.4	1,871	98.8	11,360	5.2	628	104.0	11,987
Other soft planed or dressed timber, not elsewhere specified (excluding boxboards)										
	26.0	3,190	7.0	970	33.0	4,160	0.4	58	33.4	4,218
Unclassified	6.5	792	4.0	397	10.5	1,189	-	-	10.5	1,189
Total planed or dressed woods		15,356		3,633		18,990		712		19,702
Boxboards, of all kinds, sawn or planed, whether or not dovetailed, mortised or tenoned at the ends	..	(b)	2.2	238	..	..	..	(b)	11.1	1,232
Flooring and paving blocks and strips	Th. cu. ft. 1,431	1,860	Th. cu. ft. 111	147	Th. cu. ft. 1,542	2,007	Th. cu. ft. 37	48	Th. cu. ft. 1,579	2,055
Telegraph poles	..	(b)	Th. stds. 32	1.9	111	..	..	(b)	199	11.5

MANUFACTURES OF WOOD AND CORK COUNTRY TABLES

Plywood (including laminboard, blockboard and battenboard)	..	366	-	-	Th. sq. ft. ..	366	-	-	Th. sq. ft. ..	366
Faced with alder or birch	..	(b)	..	(b)	105,909	8,981	-	-	105,909	8,981
Other sorts (including veneered plywood and metal-faced plywood)	..	(b)	..	(b)	..	7,387	..	80	..	7,466
Saw mill products, not elsewhere specified, including pit props, sawn mining timber, sleepers and crossing of all kinds, panel wood and veneers	..	(b)	..	(b)	..	7,387	..	80	..	7,466
Total saw mill products		63,382		13,171		76,552		1,915		78,468
Manufactures of timber and cork										
Portable wooden buildings (bungalows, poultry houses, garages, etc.)	..	6,696	..	103	..	6,799	..	51	..	6,850
Cold room and refrigerator cabinets	..	1,215	..	105	..	1,320	-	-	..	1,320
Builders' woodwork										
Doors of a height and width not less than 6 feet and 2 feet respectively										
Flush wood doors	855	1,717	27	90	882	1,807	..	(a)	882	1,807
Other	2,092	3,783	111	289	2,203	4,072	..	(a)	2,203	4,072
Doors of a height and width less than 6 feet and 2 feet respectively	224	318	17	28	241	346	..	(a)	241	346
Doors, unclassified	-	-	-	-	-	-	39	100	39	100
Window frames, including casement doors and sash windows	433	1,253	48	146	481	1,399	8	33	489	1,432
Other builders' woodwork, excluding flooring blocks	..	(b)	..	193	..	..	..	(b)	..	6,428
Unclassified	..	2,373	..	21	..	2,394	-	-	..	2,394
Fences, gates, hurdles, etc.	..	(b)	..	47	..	..	..	(b)	..	1,136
Ladders and steps of all kinds	..	(b)	..	20	..	..	..	(b)	..	747
Coffins										
Finished	..	(b)	..	323	..	..	..	(b)	..	1,073
Unfinished	..	(b)	..	(b)	158	517	-	-	158	517
Domestic woodware	..	(b)	..	(b)	..	927	..	1	..	928
Beadings and mouldings	..	2,093	..	33	..	2,126	..	112	..	2,239
Wooden goods for the boot and shoe trade	..	(b)	..	(b)	..	1,840	-	-	..	1,840
Tool handles	Th. gross 439.8	1,463	Th. gross 11.6	75	Th. gross 451.4	1,537	Th. gross 0.1	1	Th. gross 451.5	1,538
Parts of brushes and brooms made of wood	..	841	..	9	..	851	..	24	..	875
Other wood goods, including manufactures of timber for industrial plant (e.g., grids for gas purification plant), theatrical scenery and beehives of wood	..	5,092	..	194	..	5,285	..	48	..	5,334
Manufactures of cork										
Discs of compressed granulated or composition cork	Th. cwts. 11.2	251	..	..	Th. cwts. 11.2	251	..	..	Th. cwts. 11.2	251

TIMBER COUNTRY TABLES

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	Th.cwts.	£'000		£'000	Th.cwts.	£'000
Manufactures of timber and cork (contd.)										
Manufactures of cork (contd.)										
Other sorts, including cork boards, stoppers, and lifebuoys, lifebelts and lifejackets of cork	..	2,107	..	221	..	2,328	-	-	..	2,328
Wood flour and wood wool and manufactures thereof	..	(b)	..	(b)	998.0	1,050	-	-	998.0	1,050
Rustic and garden furniture	..	83	-	-	..	83	-	-	..	83
Total manufactures of timber and cork		43,641		1,992		45,633		447		46,080
Firewood, sawdust, and other waste timber sold	..	705	..	141	..	847	..	41	..	887
General and jobbing carpentry work (other than work on buildings and ships) (c)		330		32		361		4		365
Work done on commission or 'on hire' on timber supplied by other firms or on customers' timber (c)										
Kilning and kiln-drying	..	(b)	..	15	..	..	..	(b)	..	413
Sawing and planing timber, deals, etc.	..	(b)	..	44	..	..	..	(b)	..	1,683
Other work, including planing and moulding, creosoting, and turning, carving, fret cutting, veneer cutting		1,484		138		1,622		15		1,637
Total principal products		111,570		15,532		127,102		2,431		129,533
Other output										
Cases, crates and boxes for packing merchandise	2,885	2,816	158	144	3,044	2,960	186	222	3,230	3,182
Other boxes, cases, chests and travelling trunks of wood, except cabinet ware	..	(b)	..	(b)	530	521	-	-	530	521
Staves and other parts of casks, barrels, etc.	..	(b)	..	(b)	..	239	-	-	..	239

MANUFACTURES OF WOOD AND CORK COUNTRY TABLES

Furniture and cabinet ware of wood (wardrobes, sideboards, chests, tables, etc.)	..	(b)	..	2	..	..	..	(b)	..	743
Parts of furniture (sofa frames, chair frames, etc.) sold separately	..	310	..	(b)	..	..	..	(b)	..	320
Exhibition stands	..	59	-	-	..	59	-	-	..	59
Built-in wooden furniture and wood fittings, not included elsewhere										
For shops and offices (including banks)	..	(b)	..	(b)	..	239	-	-	..	239
For other purposes	..	601	..	30	..	631	-	-	..	631
Vehicles not mechanically propelled, complete, including wheelbarrows	..	144	..	2	..	146	-	-	..	146
Bodies, wheels, spokes and other wood parts of carriages, wagons, etc.	..	130	..	12	..	142	-	-	..	142
Aircraft accessories and parts	..	113	-	-	..	113	-	-	..	113
Wood accessories for the engineering and textile trades	..	517	..	428	..	944	..	15	..	960
Other goods	..	900	..	54	..	954	-	-	..	954
Work done (c)										
On buildings (fixing roofing, laying flooring, putting in window frames, doors, etc.)										
As main contractors		429		111		540		-		540
As sub-contractors		1,020		11		1,031		-		1,031
Other work		88		-		88		-		88
Total		121,119		16,401		137,521		2,685		140,205

(a) Not recorded separately.
 (b) Owing to the risk of disclosure of information relating to individual firms, separate particulars cannot be given.
 (c) Amount charged.

TIMBER COUNTRY TABLES

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	Northern Ireland	United Kingdom
Products on hand for sale	{ at beginning of year	4,280	518	4,798	228	5,026
	{ at end of year	5,939	710	6,649	259	6,908
Work in progress	{ at beginning of year	2,810	173	2,983	21	3,004
	{ at end of year	3,624	278	3,901	27	3,928
Total products on hand for sale and work in progress	{ at beginning of year	7,090	691	7,781	248	8,029
	{ at end of year	9,562	988	10,550	286	10,836
Materials and fuel	{ at beginning of year	13,014	2,650	15,665	168	15,832
	{ at end of year	20,019	3,801	23,820	309	24,128

Employment in September

Larger establishments (a)(b)

TABLE 22 Number

(i) Operatives

	England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom
Males					
Under 18	6,507	961	7,468	200	7,668
All ages	58,921	8,657	67,578	1,401	68,979
Females					
Under 18	836	96	932	-	932
All ages	7,296	436	7,732	6	7,738
Total					
Under 18	7,343	1,057	8,400	200	8,600
All ages	66,217	9,093	75,310	1,407	76,717

(ii) Administrative, technical and clerical employees

	England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom
Males					
Under 18	355	35	390	12	402
All ages	7,849	895	8,744	118	8,862
Females					
Under 18	547	56	603	11	614
All ages	3,293	416	3,709	62	3,771
Total					
Under 18	902	91	993	23	1,016
All ages (c)	11,142	1,311	12,453	180	12,633

TABLE 22 (contd.)

(iii) Total employees

	England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom
Males					
Under 18	6,862	996	7,858	212	8,070
All ages	66,770	9,552	76,322	1,519	77,841
Females					
Under 18	1,383	152	1,535	11	1,546
All ages	10,589	852	11,441	68	11,509
Total					
Under 18	8,245	1,148	9,393	223	9,616
All ages (c)	77,359	10,404	87,763	1,587	89,350

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

(iv) Working proprietors

	England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom
Males	283	93	376	65	441
Females	14	4	18	5	23
Total	297	97	394	70	464

(v) Excluded employees

	England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom
Canteen workers					
Males	(d)	(d)	38	-	38
Females	(d)	19	..	(d)	553
Total	(d)	(d)	..	(d)	591
Other workers					
Males	7,033	709	7,742	-	7,742
Females	779	39	818	-	818
Total	7,812	748	8,560	-	8,560
Total excluded employees	(d)	(d)	..	(d)	9,151

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

Average employment

Larger establishments (a)

TABLE 23 Number

	England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom
Operatives	65,378	9,019	74,397	1,464	75,861
Administrative, technical and clerical employees	11,013	1,291	12,304	213	12,517
Total	76,391	10,310	86,701	1,677	88,378

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	Northern Ireland	United Kingdom
Males	7	-	7	5	12
Females	23	-	23	-	23
Total	30	-	30	5	35

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

MANUFACTURES OF WOOD AND CORK COUNTRY TABLES

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

Larger establishments

TABLE 24

£'000

	England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom
Wages and salaries (a) of					
Operatives	21,571	2,803	24,374	380	24,754
Administrative, technical and clerical employees	5,550	631	6,181	63	6,244
Total	27,121	3,434	30,555	444	30,999
Employers' contributions to all National Insurance Schemes	771	103	873	17	890

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

£'000

England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom
2	-	2	2	5

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	Northern Ireland	United Kingdom
Plant, machinery and vehicles					
Acquisitions					
Plant and machinery					
New	1,672	229	1,901	34	1,935
Second-hand	147	31	178	4	183
Vehicles					
New	804	153	957	22	979
Second-hand	230	47	277	5	281
Total acquisitions	2,853	460	3,313	65	3,378
Disposals					
Plant and machinery	150	27	177	3	180
Vehicles	206	31	237	3	240
Total disposals	356	58	414	6	420
New building work					
Capital expenditure on new building and other constructional work of a capital nature (excluding site values and development charges)	807	93	900	12	912

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

Larger establishments

TABLE 26

£'000

	England and Wales	Scotland	Great Britain	Northern Ireland	United Kingdom
Amounts paid to other firms and undertakings	2,777	623	3,400	58	3,459
Amount paid or credited to firms' own separate transport organisations	490	68	558	-	558
Total	3,267	691	3,958	58	4,017

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 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

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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