

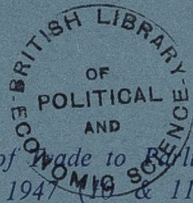
BOARD OF TRADE

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*The Report on the
Census of Production
for 1954*

Volume 10: Industry E

WOODEN CONTAINERS AND BASKETS



*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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The Report on the Census of Production for 1954

VOLUME 10 INDUSTRY E

WOODEN CONTAINERS AND BASKETS

THIS REPORT on the Wooden Containers and Baskets Industry relates to establishments engaged wholly or mainly in the manufacture of cooperage products and parts, of wooden boxes, packing cases² and similar containers, in preparing canes and osiers, and in manufacturing baskets, hampers, punnets, etc.

This industry corresponds to minimum list heading 173 in the Standard Industrial Classification.

Philanthropic institutions that produced basketware are included.

Establishments in this industry in 1948 and 1951 were not separately classified in Northern Ireland. Those mainly producing wooden crates and boxes in those years were included in the Timber Industry (Volume 10, Industry A) and those mainly producing baskets, etc., were included in the Furniture and Upholstery Industry (Volume 10, Industry B); no larger establishments mainly manufacturing cooperage products were recorded.

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IMPORTANT NOTES and definitions appear on the next page. In interpreting the data in the tables, it is essential to bear these in mind.

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The following notes describe terms in general use in the tables of the report. More detailed explanations of the terms used and a description of the scope and method of taking the census are given in the separate booklet entitled 'The Report on the Census of Production for 1954 - Introductory Notes' (price 1s. 6d. net).

Industrial Classification: Establishments are classified to industries according to the nature of their output and, as far as possible, in conformity with the Standard Industrial Classification. Certain products are identified as the principal products of individual industries, the principal products for a given industry being of a similar nature or commonly associated in production. The principle of classification normally followed is that an establishment is classified to an industry if its output of the principal products of that industry accounted for a greater proportion of the value of its output than did its output of the principal products of any other industry.

Specialist producers normally comprise those establishments 50 per cent. or more of whose total output by value is accounted for by the characteristic products of the specialist group.

Intermediate products: For some industries figures are given showing the total quantities made during the year of intermediate products, i.e., products which may be further processed in the establishments in which they are produced.

Larger establishments: The information given in the report relates mainly to 'larger establishments', i.e., establishments of firms employing on the average more than 10 persons. In most cases an establishment comprises the whole of the premises under the same ownership or management at a particular address (e.g., a mine or factory). Offices, warehouses, laboratories and other ancillary places of business situated apart from the producing works are not regarded as separate establishments and are included in the return for the works.

Small firms are those employing on the average 10 or fewer persons.

The estimates for the industry as a whole given in Table 1 are normally obtained by increasing the other items shown in the same proportion as total employment.

Gross output (production) is the total value of goods made and other work done during the year: it is obtained by adjusting the value of sales and work done during the year for changes in the value of stocks of products on hand for sale and work in progress.

Net output is the amount left after deducting from the value of gross output the aggregate of the cost of materials and fuel used, the amount paid for work given out, and, for 1951 and 1954, any transport payments made. 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.

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. The value of sales is the net selling value, i.e., 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.

Materials and fuel: The total cost of materials and fuel purchased includes all purchases during the year of materials for use in production, and of fuel (includ-

ing oil, gas and electricity) for all purposes; packing materials, including the full cost of returnable cases when first purchased; workshop and office materials; water charges; materials for repairs to buildings, plant and vehicles when carried out by firms' own work-people included in their returns; consumable tools; and parts for machinery purchased as replacements. Purchases of goods for merchandising are excluded. The cost of materials and fuel used, given in Table 2, is obtained by adjusting purchases for changes during the year in the value of stocks.

Stocks: Firms were required to give stocks of materials and fuel, products on hand for sale, and work in progress, at income tax values.

Customs and Excise Duty paid on materials purchased is normally included in the cost of materials. Finished goods are similarly valued as they were sold, duty-paid or duty-free. The net amount of any duty paid is deducted in arriving at net output.

Employment: Total employment includes working proprietors, administrative, technical and clerical employees, and operatives, but excludes outworkers, 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. Employees are persons on the pay-roll (i.e., persons whose National Insurance cards were held by employers), whether employed full-time or part-time.

Working proprietors are proprietors of businesses other than limited companies, together with members of their families who worked in the business without receiving fixed wages or salaries. Any persons working less than half the normal hours are excluded. For Northern Ireland directors of limited companies (other than those paid by fee only) are also included.

Administrative, technical and clerical employees include directors, other than those paid by fee only (except in Northern Ireland); managers, superintendents and works foremen; research, experimental, development, technical and design employees (other than operatives); draughtsmen and tracers; travellers; and office (including works office) employees.

Operatives include all other classes of employees, i.e., broadly speaking, all manual workers.

Outworkers are persons employed by the firm who work on materials supplied by the firm in their own homes.

Wages and salaries include all overtime payments, bonuses and commissions without any deductions for income tax, insurances, contributory pensions etc. They exclude payments to working proprietors.

Capital expenditure includes expenditure on new building work, and on plant, machinery and vehicles, charged to capital account during the year, including any transport and installation costs involved. It includes expenditure in respect of establishments in Great Britain which had not begun production before the end of the year (which has not previously been included in the Census of Production reports for individual industries).

Symbols used:

- .. for not available
- for nil or negligible (less than half the final digit shown).

Where figures are rounded, e.g., given to the nearest £ thousand, there may be apparent slight discrepancies between the sums of constituent items and the totals shown. In some cases, figures have been combined with others of a similar nature where publication of separate details might disclose information relating to an individual undertaking.

Industry summary

Estimates for the industry as a whole

TABLE 1

	Great Britain		United Kingdom	Scotland	Wales
	1948	1951	1954	1954	1954
	£ million	£ million	£ million	£ million	£ million
Gross output (production)	30.2	46.1	40.0	6.34	0.82
Net output	13.3	16.5	15.7	2.39	0.33
Total stocks and work in progress					
At beginning of year	3.5	4.7	6.4	2.07	0.09
Change during year	+ 0.2	+ 3.2	+ 0.3	- 0.18	+ 0.04
Capital expenditure less disposals (a)	0.5	1.0	0.9	0.11	0.03
Wages and salaries	7.4	10.3	10.7	1.68	0.20
	Thousands	Thousands	Thousands	Thousands	Thousands
Total employment (including working proprietors)	26.6	31.4	27.2	4.12	0.51

(a) Capital expenditure on new building work, plant, machinery and vehicles (including (except in 1948) that incurred in Great Britain for establishments not yet in production), less amounts received for plant, machinery and vehicles disposed of.

Summary of returns received

TABLE 2

	Unit	Great Britain		United Kingdom
		1948	1951	1954
FIRMS EMPLOYING ON AVERAGE MORE THAN 10 PERSONS				
Number of establishments	No.	475	545	506
Total value of sales and work done	£'000	25,877	40,111	33,811
Products on hand for sale	{ at beginning of year and work in progress change during year	559	766	786
		+ 10	+ 279	+ 75
Gross output (production) (a)	"	25,704	40,389	33,886
Purchases of materials and fuel	"	14,503	27,189	19,733
Stocks of materials and fuel	{ at beginning of year change during year	2,458	3,346	4,610
		+ 186	+ 2,541	+ 208
Cost of materials and fuel used	"	14,317	24,648	19,525
Payment for work done on materials given out	"	93	256	207
Payment for transport (b)	"	182	1,029	814
Net output	"	11,295	14,456	13,341
Average number of employees	{ operatives others	No.	20,212	24,399
		"	2,307 (c)	2,930
Total employment (d)	"	22,657	27,458	23,075
Net output per person employed (d)	£	499	526	578
Wages and salaries	{ of operatives of others	£'000	5,133	7,404
		"	1,123	1,618
Capital expenditure				
New building work (e)	"	-	-	187
Plant and machinery	{ acquisitions (e) disposals	"	253	419
		"	24	35
Vehicles	{ acquisitions (e) disposals	"	162	330
		"	24	58
FIRMS EMPLOYING ON AVERAGE 10 OR FEWER PERSONS				
Number of returns	No.	602	677	698
Total employment, including working proprietors	"	3,091	3,671	3,713

(a) For the year 1948 gross output excludes payments for transport services outwards on finished goods sold. For subsequent years gross output includes payments to other firms and undertakings and to firms' own separate transport organisations for transport services.

(b) Payments to other firms and undertakings and to firms' own separate transport organisations. For the year 1948 payments cover only transport outwards of finished goods sold. For subsequent years they cover payments for transport of both finished goods sold and materials and fuel purchased.

(c) Number in week ended September 25, 1948.

(d) Excluding outworkers and including working proprietors.

(e) Excluding expenditure for establishments not yet in production.

WOODEN CONTAINERS AND BASKETS

Analysis by size, 1954

Larger establishments in the United Kingdom

TABLE 3

Average number employed (a)	Establishments	Gross output	Net output	Employees		Wages and salaries		Capital expenditure (b)	Net output per person employed (a)
				Operatives	Others	Operatives	Others		
	Number	£'000	£'000	Number	Number	£'000	£'000	£'000	£
11 - 24(c)	196	4,434	1,862	2,608	411	1,000	258	79	607
25 - 49	163	8,339	3,413	4,934	694	1,759	441	171	603
50 - 99	100	9,756	3,805	6,010	742	2,156	476	193	563
100 - 199	39	7,846	2,853	4,787	574	1,686	346	176	532
200 and over	8	3,512	1,407	1,919	299	746	180	127	634
Total	506	33,886	13,341	20,258	2,720	7,348	1,701	747	578

(a) Excluding outworkers and including working proprietors.

(b) Capital expenditure on new building work and on acquisition of plant, machinery and vehicles. Excluding expenditure for establishments not yet in production.

(c) Including a small number of establishments with fewer than 11 persons employed, particulars of which were included with those for larger establishments on a single return.

Analysis according to specialisation within the industry, 1954

Larger establishments in the United Kingdom

TABLE 4

	Unit	Specialist producers of			Remainder of the industry	Total
		Cooperage products and parts	Wooden boxes and crates etc.	Basketware		
Number of establishments	No.	66	363	59	18	506
Total value of sales and work done	£'000	3,640	28,249	1,340	582	33,811
Sales of characteristic products	"	3,189	25,430	1,177		
Products on hand for sale	"	91	514	165	17	786
and work in progress	"	- 13	+ 114	- 19	- 7	+ 75
Gross output (production)	"	3,628	28,362	1,321	575	33,886
Purchases of materials and fuel	"	1,877	17,034	577	244	19,733
Stocks of materials and fuel	"	1,451	2,872	156	131	4,610
Cost of materials and fuel used	"	- 139	+ 385	- 4	- 34	+ 208
Payment for work done on materials given out	"	2,016	16,649	581	278	19,525
Payment for transport	"	146(a)	813(a)	35(a)	27(a)	207
Net output	"	1,466	10,901	705	270	13,341
Average number of employees	"	1,862	16,174	1,806	416	20,258
Total employment (b)	"	240	2,231	196	53	2,720
Net output per person employed (b)	"	2,118	18,473	2,012	472	23,075
Wages and salaries	"	692	590	350	571	578
Capital expenditure	"	186	1,386	88	40	1,701
New building work (c)	"	21	159	5	2	187
Plant and machinery	"	35	296	10	3	344
Vehicles	"	1	24	1	-	25
	"	20	180	11	5	215
	"	10	50	3	4	68

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

(b) Excluding outworkers and including working proprietors.

(c) Excluding expenditure for establishments not yet in production.

WOODEN CONTAINERS AND BASKETS

Sales of the principal products of the industry, including sales of these products by establishments classified to other industries

Larger establishments in the United Kingdom

TABLE 5

	1951		1954		Entries
	Quantity	Value	Quantity	Value	
	Hundreds	£'000	Hundreds	£'000	Number
Wet or tight coopering					
Casks for breweries, distilleries and spirit rectifiers	1,361	1,071	2,037	1,603	40
Herring pickle barrels	151	13	187	21	5
Other casks	1,889	282	819	105	17
Total wet or tight coopering	3,401	1,366	3,043	1,729	..
Dry coopering (casks and kegs)	4,313	413	2,042	217	22
'White' coopering					
Churns, tubs, buckets, etc.	54	17	117	26	7
Vats, casks and other wooden vessels for storage	No. 726	136	No. 473	106	15
Staves sold separately, including cases of staves	Th.gal. capacity 1,203	23	Th.gal. capacity 1,081	22	..
Other parts of casks, barrels, etc. (including barrel ends), sold separately	Th.cwt. 33.9	206	Th.cwt. 15.5	159	21
Casks re-made, re-conditioned, etc. and sold	..	99	..	64	..
Tea chests, metal lined, complete or unassembled; chests and travelling trunks of wood	..	354	..	377	41
Cases, crates and boxes for packing merchandise (including cable drums, rolling boards for cloth pieces, tinplate boxes, confectionery and cigar boxes, etc.)	Hundreds 5,648	757	Hundreds 5,498	705	49
Other boxes, cases, etc. of wood except cabinet ware	..	232	..	203	..
Reconditioned cases, boxes, etc.	..	163	No. 71,362	91	12
Baskets and basketware manufactured wholly or partly of willow, cane, or wicker	Th.cu.ft. of timber used	..	Th.cu.ft. of timber used	75	..
Baskets	31,690	29,912	20,432	18,325	556
Industrial (warehouse, factory, bakers', laundry, etc.) and agricultural	..	4,619	..	9,932	..
Domestic (e.g. waste paper, shopping, picnic, cycle, but excluding linen baskets) fitted and not fitted	2,050	2,293	1,478	1,560	106
	..	838	..	1,470	..
	Th. 2,180	334	Th. 509.6	131	29
	..	148	..	231	..
	Th.doz.	..	Th.doz.
	17.2	290	8.8	175	38
	..	182	..	167	..
	31.1	148	11.7	70	34
	..	72	..	136	..

(continued on next page)

TABLE 5 (contd.)

	1951		1954		
	Quantity	Value	Quantity	Value	Entries
	Th.doz.	£'000	Th.doz.	£'000	Number
Baskets and basketware manufactured wholly or partly of willow, cane, or wicker (contd.)					
Baskets (contd.)					
Chip basketware (punnets, etc.)	5,471.2	719	4,835.1	533	30
Unclassified baskets	5.8	83	..	212	
Other basket and basketware products (except furniture)	..	86	-	-	-
Baskets of woven fibre	12.4	125(a)	0.2	32	7
Waste products sold, other than waste timber and scrap metals	..	22	..	1	
Repair work (b)	..	6	..	29	6
Work done for the trade or on commission (b).	..	587	..	1	11
Total	..	180	..	525	89
Principal products of this industry sold by establishments in the industry	..	36,833	..	365	31
Sales in other industries (see Table 6)	..	7,706	..	37,728	..
Principal products of this industry sold by establishments in the industry	..	36,833	..	31,099	462

(a) So far as recorded separately.

(b) Amount charged.

Sales of principal products of the industry by establishments classified to other industries: Larger establishments in the United Kingdom

TABLE 6

	1954			Principal industries in which produced (a)
	Quantity	Value	Entries	
		£'000	Number	
Wet or tight and dry coopering	..	147	14	9H
Dry coopering (casks and kegs)				
Vats, casks and other wooden vessels for storage	..	40	..	10A
Staves sold separately, including cases of staves	..	46	7	10A
Other parts of casks, barrels, etc. (including barrel ends), sold separately including casks re-made, re-conditioned, etc. and sold	..	46	7	10A
Cases, crates and boxes for packing merchandise including chests and travelling trunks of wood	2,011	1,846	251	10A
Other boxes, cases, etc. of wood, except cabinet ware	312	3,481		
Baskets and basketware manufactured wholly or partly of willow, cane or wicker	..	451	66	10A
Baskets				
Industrial (warehouse, factory, bakers', laundry, etc.) and agricultural	..	42	5	11C
Domestic (e.g. waste paper, shopping, picnic, cycle, but excluding linen baskets), fitted and not fitted	5	64	21	10B
Chip basketware (punnets, etc.)	..	19		
Baskets of woven fibre	..	2
Repair work and work done for the trade or on commission (b)	..	2
Total	..	6,631

(a) The volume number and industry references given are to the industries shown in the list at the back of this report.

(b) Amount charged.

(86249)

Sales in the industry of other than principal products
Larger establishments in the United Kingdom

TABLE 7

	1954	
	Quantity	Value
	Th.cu.ft.	£'000
Saw-mill products		
Sawn hardwoods	79	79
Standards	..	41
Sawn softwoods	377	34
Planed or dressed woods (excluding boxboards)	..	5
Hardwood, other than planed and tongued and grooved flooring blocks or strips	5	5
Softwood	..	16
Weatherboards, floorings and matchings; skirtings; and tongued, grooved, beaded, V-jointed, etc., boards	..	78
Other	45	5
Unclassified hardwood and softwood	..	4
Boxboards of all kinds, sawn or planed whether or not dovetailed, mortised, or tenoned at the ends	86	8
Sawn mining timber	26	4
Flooring and paving blocks and strips other than hardwood	..	112
Other saw-mill products	87	29
Portable wooden buildings	..	4
Builders' woodwork (window frames, doors, etc.)	7	3
Furniture and cabinetware of wood	..	55
Other manufactures of wood	..	582
Firewood, sawdust and other waste timber sold	..	102
Basketware furniture manufactured wholly or partly of willow, cane or wicker	No. of pieces	
Other goods	8	16
Work done (a)	..	287
Sawing and planing timber, deals, etc.	..	416
Total	Doz.	67
Sawing and planing timber, deals, etc.	1,361	14
Work done (a)	..	44
Sawing and planing timber, deals, etc.	..	698
Total	..	5
Total	..	2,713

(a) Amount charged.

TABLE 8 - Total make of intermediate products
Larger establishments in the United Kingdom

This table is not applicable to this industry.

(86249)

WOODEN CONTAINERS AND BASKETS
Purchases of materials and fuel, 1954
Larger establishments in the United Kingdom

TABLE 9

	Quantity	Cost
	Th.cu.ft.	£'000
Materials		
Timber		
Hardwood	1,858	907
Softwood	25,816	10,816
		1,508
	Th.sq.ft.	
Plywood (inch blockwood, laminboard, and battenboard) and veneers	33,074	969
		165
	Th.cwt.	
Willows, canes and rattans	19.8	111
		60
	Th.tons	
Staves	9.9	678
		52
Other finished parts of wood		
For casks, barrels, kegs and other wooden containers	..	279
Other descriptions, including joinery	..	132
Hoop and strip iron or steel	4.0	180
		56
	Th.cwt.	
Nails, tacks, screws, bolts, nuts, etc.	101.8	325
		263
Casks, barrels and kegs, second-hand	..	428
Cases, crates and boxes, second-hand	..	92
Replacement parts for machinery, plant and vehicles and consumable tools bought as replacement	..	239
Packing materials	..	298
All other purchased materials	..	1,491
	Th.tons	
Fuel and electricity		
Coal	11	46
Coke	5	27
		7
Liquid fuel (including creosote pitch mixtures)		
For use in internal combustion engines	Th.gal.	
Motor spirit (petrol) for use in road vehicles and derv. fuel	868	175
Other	..	38
Other	40	3
For burning in furnaces, boilers, kilns, etc.	..	4
Other	142	6
Gas purchased	Th.therms	
From Gas Boards	447	22
From other sources, including other departments of the same firms	..	5
Electricity purchased (a)	Th.kWh.	
From Electricity Boards	22,238	167
From other sources, including other departments of the same firms	..	39
Other	293	2
Other	..	1
All other purchased fuel	..	4
Total cost		19,733

(a) The total quantity of electricity generated in firms' own establishments in this industry in 1954 was 1,609 Th.kWh.

WOODEN CONTAINERS AND BASKETS
Average number of employees, and wages, salaries and superannuation payments (a)
Larger establishments

TABLE 10

	Great Britain	United Kingdom
	1951	1954
Average number of employees	Number	Number
Operatives	24,399	20,258
Administrative, technical and clerical employees	2,930	2,720
Total	27,329	22,978
Wages and salaries paid to	£'000	£'000
Operatives	7,404	7,348
Administrative, technical and clerical employees	1,618	1,701
Total	9,022	9,049
Wages and salaries per head	£	£
Operatives	303	363
Administrative, technical and clerical employees	552	625
Superannuation and other pension funds for employees and dependents (b)		£'000
Employers' contributions	..	84
Employees covered		Number
Pension, etc. payments to former employees and dependents (b)	..	3,011
		£'000
		15

(a) The following persons, not included above, were also employed by larger establishments in this industry ('other workers' includes, for example, employees engaged in merchandising).

	Great Britain	United Kingdom
	1951	1954
Canteen workers	Number	Number
Males	10	4
Females	183	133
Total	193	137
Other workers		
Males	430	523
Females	112	142
Total	542	665
Total excluded employees	735	802

(b) The figures given relate to larger establishments in Great Britain only.

Employment in a specified week (a)
Larger establishments

TABLE 11

	Great Britain			United Kingdom		
	1951			1954		
	Males	Females	Total	Males	Females	Total
Working proprietors	127	2	129	91	6	97
Operatives	19,696	5,114	24,810	15,960	4,692	20,652
Administrative, technical and clerical employees	1,994	980	2,974	1,835	883	2,718
Total employees	21,690	6,094	27,784	17,795	5,575	23,370

(a) Week ended September 22, 1951, or October 30, 1954.

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