

BOARD OF TRADE

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*The Report on the  
Census of Production  
for 1954*

Volume 7: Industry K

UMBRELLA AND WALKING STICK

*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 7 INDUSTRY K

## UMBRELLA AND WALKING STICK

THIS REPORT on the Umbrella and Walking Stick industry relates to establishments engaged wholly or mainly in the manufacture of umbrellas, sunshades, and walking sticks, and in the repairing and re-covering of umbrellas and sunshades if done for the trade but not if done directly for the public.

This industry corresponds to minimum list heading 147(4) in the Standard Industrial Classification, with the addition from heading 99(8), relating to miscellaneous metal working industries, of establishments making umbrella frames, ferrules, etc.

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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 merchanting 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 merchanting 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

	United Kingdom			Scotland 1954	Wales 1954
	1948	1951	1954		
	£ million	£ million	£ million	£ million	£ million
Gross output (production)	2.5	3.0	3.3	0.24	-
Net output	1.2	1.2	1.4	0.09	-
Total stocks and work in progress					
At beginning of year	0.6	0.5	0.5	0.04	-
Change during year	-	+ 0.1	+ 0.1	+ 0.01	-
Capital expenditure less disposals (a)	0.1	-	-	-	-
Wages and salaries	0.7	0.7	0.8	0.05	-
Total employment (including working proprietors)	Thousands	Thousands	Thousands	Thousands	Thousands
	2.9	2.8	2.6	0.2	-

(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 1948	United Kingdom	
			1951	1954
<b>FIRMS EMPLOYING ON AVERAGE MORE THAN 10 PERSONS</b>				
Number of establishments	No.	52	57	54
Total value of sales and work done	£'000	2,207	2,625	3,000
Products on hand for sale	{ at beginning of year	146	107	97
and work in progress	{ change during year	+ 25	+ 11	+ 16
Gross output (production) (a)	"	2,225	2,637	3,016
Purchases of materials and fuel	"	1,171	1,662	1,800
Stocks of materials and fuel	{ at beginning of year	338	335	312
Cost of materials and fuel used	{ change during year	- 9	+ 89	+ 66
Payment for work done on materials given out	"	1,180	1,573	1,733
Payment for transport (b)	"	8	6	7
	"	..	22	27
Net output	"	1,037	1,036	1,249
Average number of employees	{ operatives	2,246	2,192	2,062
Total employment (d)	{ others	334(c)	274	280
Net output per person employed (d)	"	2,597	2,481	2,353
	£	399	417	531
Wages and salaries	{ of operatives	£'000	454	490
	{ of others	"	177	159
Capital expenditure				
New building work (e)	"	3	10	7
Plant and machinery	{ acquisitions (e)	"	43	14
	{ disposals	"	2	-
Vehicles	{ acquisitions (e)	"	7	13
	{ disposals	"	1	7
<b>FIRMS EMPLOYING ON AVERAGE 10 OR FEWER PERSONS</b>				
Number of returns	No.	71	55(f)	44
Total employment, including working proprietors	"	323	288(f)	246

(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.

(f) Excluding Northern Ireland. No information about small firms was collected in Northern Ireland for 1951.

## UMBRELLA AND WALKING STICK

Analysis by size, 1954

Larger establishments in the United Kingdom

TABLE 3

Average number employed (a)	Estab-lish-ments	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	30	782	323	438	96	128	59	9	598
25 - 49	14	948	356	434	84	128	46	6	685
50 - 99	5	422	175	362	36	87	22	9	439
100 - 299	5	864	394	828	64	224	47	14	441
Total	54	3,016	1,249	2,062	280	567	174	38	531

(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.

Analysis according to specialisation within the industry, 1954

Larger establishments in the United Kingdom

TABLE 4

	Unit	Specialist producers of frames, ribs and metal furniture	Remainder of the industry	Total
Number of establishments	No.	7	47	54
Total value of sales and work done	£'000	574	2,426	3,000
Sales of characteristic products	"	531		531
Products on hand for sale and work in progress	"	18	79	97
Gross output (production)	"	579	2,438	3,016
Purchases of materials and fuel	"	253	1,546	1,800
Stocks of materials and fuel	"	13	300	312
Cost of materials and fuel used	"	247	1,486	1,733
Payment for work done on materials given out	"	1	6	7
Payment for transport	"	8	19	27
Net Output	"	323	926	1,249
Average number of employees	No.	800	1,262	2,062
Total employment (a)	"	55	225	280
	"	855	1,498	2,353
Net output per person employed (a)	£	378	618	531
Wages and salaries	£'000	202	364	567
	"	41	134	174
Capital expenditure on New building work (b)	"	5	2	7
Plant and machinery	"	9	10	19
Vehicles	"	1	12	13
	"	-	6	7

(a) Excluding outworkers and including working proprietors.

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

## UMBRELLA AND WALKING STICK

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		
	Quantity	Value	Quantity	Value	Entries
	Th.doz.	£'000	Th.doz.	£'000	Number
Parts of umbrellas and sunshades	..		..		
Frames, ribs and other metal furniture	..	608	..	654	19
Covers	5	30	3	20	18
Sticks (wood and metal)	36	39	11	19	10
Handles	147	133	175	168	15
Other parts and fittings, including trimmings	..	63	..	43	
Umbrellas and sunshades, complete	174	1,600	197	1,741	37
Walking sticks and canes, complete	36	85	31	76	19
Other goods	-	-	..	16	8
Repair work and work done for the trade or on commission (a)		101		78	33
Total		2,666		3,105	..
Sales in other industries (see Table 6)		175		150	..
Principal products of this industry sold by establishments in the industry		2,491		2,955	52

(a) 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	
Parts of umbrellas and sunshades				
Frames, ribs, and other metal furniture	..	150	7	SE 5G
Other parts and fittings including trimmings				
Umbrellas, sunshades, walking sticks and canes complete				
Total		150	..	

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

## Sales in the industry of other than principal products

## Larger establishments in the United Kingdom

TABLE 7

	1954	
	Quantity	Value
		£'000
Manufactures of metal	..	14
Manufactures of timber	..	11
Manufactures of plastic	..	19
Other goods	..	2
Total	..	46

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

This table is not applicable to the industry.

## Purchases of materials and fuel, 1954

## Larger establishments in the United Kingdom

TABLE 9

	Quantity	Cost
	Th. sq. yds.	£'000
<b>Materials</b>		
Woven piece goods, wholly or mainly of		
Cotton	371	66
Synthetic fibres (nylon, etc.)	113	34
Other man-made fibres (rayon, etc.)	2,406	516
Plastic sheeting	..	49
Umbrella and sunshade parts	Th. doz. sets	
Ribs (a)	234	262
Handles	Th. doz. 237	216
Other parts and fittings	..	176
Packing materials	..	18
All other purchased materials	..	323
Unclassified materials	..	106
<b>Fuel and electricity</b>	Th. tons	
Coal	2.3	8
Coke	0.3	2
Liquid fuels (including creosote/pitch mixtures)		
For use in internal combustion engines	Th. gal.	
Motor spirit (petrol) for use in road vehicles and derv. fuel	22	5
Gas purchased	Th. therms	
From Gas Boards	112	6
From other sources, including other departments of the same firms	-	1
Electricity purchased	Th. kWh.	
From Electricity Boards	1,151	7
Other and unclassified fuel	..	4
Other and unclassified fuel		1
Total cost		1,800

(a) On the basis of 8 ribs to the set.

(50228)

## Average number of employees and wages, salaries and superannuation payments (a)

## Larger establishments in the United Kingdom

TABLE 10

	1951	1954
	Number	Number
<b>Average number of employees</b>		
Operatives	2,192	2,062
Administrative, technical and clerical employees	274	280
Total	2,466	2,342
<b>Wages and salaries paid to</b>	£'000	£'000
Operatives	490	567
Administrative, technical and clerical employees	159	174
Total	649	741
<b>Wages and salaries per head</b>	£	£
Operatives	223	275
Administrative, technical and clerical employees	580	622
<b>Superannuation and other pension funds for employees and dependents (b)</b>		£'000
Employers' contributions	..	6
Employees covered	..	Number 150
<b>Pension, etc. payments to former employees and dependents (b)</b>		£'000
	..	2

(a) The following persons, not included above, were also employed by larger establishments in this industry ('Other workers' includes, for example, employees engaged in merchanting). Payments to outworkers are also shown.

	1954
	Number
Canteen workers	18
Other workers	21
Outworkers	300
	£'000
Payments to outworkers	32

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

## Employment in a specified week (a)

## Larger establishments in the United Kingdom

TABLE 11

	1951			1954		
	Males	Females	Total	Males	Females	Total
	Working proprietors	15	-	15	11	-
Operatives	776	1,455	2,231	690	1,539	2,229
Administrative, technical and clerical employees	171	103	274	169	112	281
Total employees	947	1,558	2,505	859	1,651	2,510

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

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