

132 Furniture and upholstery

This Report on the Furniture and Upholstery Industry relates to establishments engaged wholly or mainly in manufacturing wooden or upholstered domestic, office, school, church, theatre and cinema furniture, wooden radio and television cabinets, billiard tables, upholstered seats for public service vehicles, basket furniture, etc. Upholstered seats for cars and commercial vehicles, aircraft passenger seats, and metal furniture and rustic furniture are excluded.

This industry corresponds to minimum list heading 472 in the Standard Industrial Classification (Revised 1968) which has been used for the first time as a basis of classification in the 1968 census.

The industry corresponds to the Furniture and Upholstery Industry (Part 109) in the reports on the last detailed Census of Production for 1963, except that upholstered seats for cars and commercial vehicles and aircraft passenger seats, formerly included in this industry, are now included in the 1968 reports on the Motor Vehicle Manufacturing Industry (Part 82) and the Aerospace Equipment Manufacturing and Repairing Industry (Part 84) respectively.

Throughout this Report, the figures given for 1963 have been reclassified, as far as possible, according to the Standard Industrial Classification (Revised 1968) so that data for 1963 and 1968 are on the same industrial basis. However the reclassification of small firms, which provided limited information only, has been arbitrary.

For 1963, in this industry, where small establishments account for a relatively large proportion of employment and output, establishments employing fewer than twenty-five persons were asked to complete a simplified version of the full census form. For 1968 similar information was not collected from small firms in this industry.

In interpreting the data in the tables it is essential to bear in mind the notes and definitions which appear on pages (i) to (iv).

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(c) Including services rendered to other organisations (amounts charged for hiring out plant, machinery or other goods, for providing transport, or for technical or other services rendered).

(d) Administrative, technical and clerical employees.

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

(f) Acquisitions less disposals.TABLE 1 Industry summary, 1963 and 1968
United Kingdom (a) (b)

	Unit	All establishments		
		1963	1968	
Number of enterprises	No.	2,319	2,340	
Number of establishments	"	2,583	2,539	
Gross output	£'000	221,518	306,359	
Net output	"	108,714	152,772	
Net output per head	£	1,105	1,800	
Sales and work done	{ goods produced and work done (c) merchanted goods and canteen takings	£'000	211,061	289,503
	"	10,310	13,097	
Purchases	{ materials for use in production and packaging and fuel goods for merchandising and canteen purchases	"	100,248	139,661
	"	8,317	10,926	
Payments to other organisations	{ for work done on materials given out for transport by road by rail and other means excluding postal services	"	1,319	1,868
	"	3,025	3,846	
	"		337	
Stocks and work in progress				
Total stocks and work in progress	{ change during year at end of year	"	+ 253	+ 6,810
	"	32,467	41,807	
Goods on hand for sale	{ change during year at end of year	"	- 57	+ 1,901
	"	4,614	6,812	
Work in progress	{ change during year at end of year	"	+ 205	+ 1,858
	"	11,177	14,096	
Materials, stores and fuel	{ change during year at end of year	"	+ 106	+ 3,051
	"	16,676	20,898	
Number employed on average during the year	{ total, including working proprietors operatives other employees (d)	Th.	98.3	84.9
	"	78.9	67.7	
	"	16.4	14.5	
Wages and salaries	{ of operatives of other employees (d)	£'000	53,653	68,049
	"	14,323	18,436	
Capital expenditure (e)				
Total	"	5,075	7,989	
New building work	"	1,905	2,437	
Land and existing buildings (f)	"	- 233	- 1,914	
Plant and machinery (f)	"	2,335	5,577	
Vehicles (f)	"	1,067	1,889	

(a) For 1968, estimates for establishments not making satisfactory returns and for small establishments, from which only employment data were collected, accounted for 21 per cent. of the total figures in which they were incorporated: of this, unsatisfactory returns accounted for 6 per cent. For 1963 the comparable figures were 19 per cent. and 5 per cent. respectively.

(b) The following information relates to small establishments (employing fewer than 25 persons) in this industry. It includes an estimate for small establishments not making satisfactory returns.

	1963	1968
Number of establishments	1,829	1,927
Average number employed:		
Working proprietors	2,467	2,086
Other persons employed	14,038	14,426

Footnotes continued on page 132/2.

TABLE 2 Analysis by size of establishment within the industry, 1968
(i) Output and employment

All establishments: United Kingdom

Number employed on average during the year by the establishment (a)	Estab-lish-ments	Enter-prises (b)	Total number employed on average during the year (a)	Gross output	Net output	Net output per head
	Number	Number	Number	£'000	£'000	£
1-5	489	484	1,494	..	..	..
6-10	396	391	3,164	..	..	..
11-24	504	494	8,780	..	..	..
25-49	187	182	6,865	22,398	11,195	1,631
50-99	210	193	14,656	49,503	23,491	1,603
100-199	110	98	15,049	53,952	25,737	1,710
200-299	38	37	9,042	34,151	17,513	1,937
300-399	18	17	6,217	23,186	11,012	1,771
400-499	9	9	3,907	14,965	7,555	1,934
500-749	12	12	7,039	28,320	15,589	2,214
750 and over	4	4	3,620	13,215	7,431	2,053
Unsatisfactory returns	562	555	5,049	..	..	..
Total	2,539	2,340	84,882	306,359(c)	152,772(c)	1,800(c)

(ii) Employees, wages and salaries

All establishments: United Kingdom

Number employed on average during the year by the establishment (a)	Employees		Wages and salaries		Wages and salaries per head	
	Oper-atives	Others (d)	Oper-atives	Others (d)	Oper-atives	Others (d)
	Number	Number	£'000	£'000	£	£
1-5	..	..	..	..	..	..
6-10	..	..	..	..	..	..
11-24	..	..	..	..	..	..
25-49	5,812	821	5,424	1,020	933	1,242
50-99	12,215	2,247	11,377	2,657	931	1,182
100-199	12,196	2,733	11,666	3,497	957	1,279
200-299	7,405	1,619	7,443	1,948	1,005	1,203
300-399	5,121	1,091	5,011	1,569	978	1,438
400-499	3,299	607	3,603	845	1,092	1,391
500-749	5,360	1,677	6,371	2,018	1,189	1,204
750 and over	2,815	805	3,589	1,233	1,275	1,532
Unsatisfactory returns	..	..	..	..	..	..
Total	67,708(c)	14,479(c)	68,049(c)	18,436(c)	1,005(c)	1,273(c)

(a) Including working proprietors.

(b) The sum of the figures for the size groups exceeds the total for the industry to the extent that enterprises made returns for establishments in more than one size group.

(c) Including estimates for establishments employing fewer than 25 persons and for establishments not making satisfactory returns.

(d) Administrative, technical and clerical employees.

TABLE 3 Percentage analysis of employees, by age and sex, 1969 (a)

All establishments: United Kingdom

Ages	Males	Females	All employees
	Per cent.	Per cent.	Per cent.
Under 18	6	1	7
18 and over	75	18	93
All ages	81	19	100

Source: Department of Employment

(a) The percentages relate to the numbers employed (excluding working proprietors) at June 1969, the earliest date for which the information is available on the basis of the Standard Industrial Classification, (Revised 1968).

Footnotes to Table 4.

(a) Some establishments employing fewer than 25 persons were included in returns for larger establishments. These amounted to 42 establishments in 1968 and 54 in 1963.

(b) The method of classifying returns to sub-divisions of the industry is explained in the notes; the characteristic products of each sub-division are identified in Table 5.

(c) The sum of the figures for the sub-divisions exceeds the total for the industry to the extent that enterprises made returns for more than one sub-division.

(d) Including services rendered to other organisations (amounts charged for hiring out plant, machinery or other goods, for providing transport, or for technical or other services rendered).

(e) Direct sales of goods (excluding canteen takings) made to, and work done for, the general public by larger establishments are included. These amounted to £272,000 in 1968. Similar information is not available for 1963.

(f) Characteristic products relate only to specific sub-divisions of the industry.

(g) For sub-divisions of the industry, this is the ratio of sales of characteristic products to total sales of goods produced and work done. For the industry as a whole, this is the ratio of total sales of principal products by the industry to total sales of goods produced and work done.

(h) Administrative, technical and clerical employees.

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

(j) Acquisitions less disposals.

TABLE 4 Analysis of larger establishments, 1963 and 1968
Establishments employing 25 or more persons: Analysis of returns received, United Kingdom (a)

	Unit	Sub-divisions of the industry (b)				Sub-divisions of the industry (b)						Total		
		Domestic furniture, not upholstered, mainly of wood 01		Upholstered furniture 02		Office furniture 03		School furniture 04		Other 05				
		1963	1968	1963	1968	1963	1968	1963	1968	1963	1968	1963	1968	
Number of enterprises (c)	No.	238	237	159	162	21	19	32	24	84	69	517	484	
Number of establishments	"	380	298	195	200	23	23	37	28	102	81	737	630	
Gross output	£'000	88,909	133,017	55,476	65,816	4,078	6,176	9,011	9,064	21,218	27,603	178,692	241,675	
Net output	"	45,518	69,024	24,725	30,172	2,206	3,402	4,167	4,149	11,082	13,770	87,697	120,516	
Net output per head	£	1,072	1,911	1,187	1,750	1,192	1,867	1,016	1,373	1,098	1,572	1,105	1,800	
Sales and work done	£'000	goods produced and work done (d)(e)	84,531	124,353	54,547	65,085	3,808	5,380	7,707	9,029	19,663	27,390	170,257	228,378
		merchanted goods and canteen takings	4,702	6,332	879	452	151	689	1,109		1,475		8,316	10,332
Sales of characteristic products	"	70,293	110,213	45,220	60,799	3,419	4,911	5,244	5,718	(f)	(f)	(f)	(f)	
Index of specialisation (g)	Per cent.	83	89	83	93	90	92	68	71	-	-	92	97	
Purchases	£'000	materials for use in production and packaging, and fuel	37,913	57,805	29,094	34,430	1,668	2,202	3,731	4,697	8,461	13,573	80,867	110,173
		goods for merchandising and canteen purchases	3,633	5,129	687	416	154	541	1,021		1,213		6,709	8,619
Payments to other organisations	"	for work done on materials given out for transport	465	787	172	252	27	31	38	138	362	266	1,064	1,474
		by road	1,248	1,705	840	971	51	42	99	133	202	262	2,441	3,034
		by rail and other means excluding postal services													104	52	30	266
Stocks and work in progress	"	- 92	+ 1,333	- 9	+ 21	+ 20	+ 80	+ 55	+ 14	- 20	+ 51	- 46	+ 1,500	
Goods on hand for sale	"	change during year	2,417	3,681	695	866	142	248	193	123	275	457	3,722	5,374
		at end of year	- 232	+ 998	+ 58	+ 258	+ 98	+ 27	+ 140	+ 20	+ 100	+ 162	+ 165	+ 1,465
Work in progress	"	change during year	5,228	6,987	1,608	1,748	404	297	825	782	951	1,306	9,016	11,120
		at end of year	- 131	+ 1,537	+ 42	+ 476	+ 29	+ 43	+ 44	+ 52	+ 102	+ 299	+ 85	+ 2,407
Materials, stores and fuel	"	change during year	7,164	9,300	3,828	4,299	374	493	704	618	1,383	1,776	13,452	16,486
		at end of year	42,465	36,117	20,822	17,238	1,850	1,822	4,101	3,022	10,090	8,761	79,328	66,960
Number employed on average during the year	No.	total including working proprietors	34,454	29,038	17,194	14,269	1,467	1,461	3,346	2,444	8,771	7,464	65,232	54,676
		operatives	7,732	6,784	3,445	2,767	369	342	739	563	1,233	1,236	13,518	11,692
		other employees (h)	23,141	30,062	11,834	14,080	1,055	1,353	2,339	2,256	5,980	7,200	44,350	54,952
Wages and salaries	£'000	of operatives	6,643	8,788	3,061	3,501	401	398	570	537	1,161	1,664	11,836	14,887
		of other employees (h)	672	1,035	688	987	719	926	699	923	682	965	680	1,005
Wages and salaries per head	£	operatives	859	1,295	889	1,265	1,087	1,164	771	953	942	1,346	876	1,273
		other employees (h)	698	1,185	518	545	122	5	30	62	169	125	1,537	1,922
Capital expenditure (i)	£'000	New building work	412	1,194	97	255	9	4(j)	19(j)	2(j)	21(j)	74(j)	558	1,554
		Land and existing buildings	394	2,913	303	121	10						746	3,064
Plant and machinery	"	acquisitions	1,108	3,190	394	693	109	197	84	94	367	527	2,062	4,701
		disposals	99	185	49	64	8	6	3	4	20	43	178	302
Vehicles	"	acquisitions	670	1,295	362	634	55	51	36	38	135	137	1,258	2,206
		disposals	206	393	131	227	10	13	11	15	39	68	397	716

For notes to this table - see page 132/5.

TABLE 5 Sales of principal products of the industry by larger establishments, including sales by establishments classified to other industries, 1963 and 1968

Establishments employing 25 or more persons:
Analysis of returns received, United Kingdom

Industry sub-division (a)		1963	1968		
		Value	Value	Enter-prises	Entries
		£'000	£'000	Number	Number
02	Upholstered furniture (excluding divans and spring bases and dining, etc, chairs with upholstered or padded seats)				
	Domestic (fireside and easy chairs, settees, studio couches, etc)				
	With wooden frames	44,673	61,927	199	223
	With metal frames	2,617	1,873	21	21
	With other frames (including frames of plastic and glass fibre re-inforced plastic)	(b)	1,156	20	20
	Other (for ships, railway carriages, theatres, cinemas, schools, churches, offices, etc) (c)				
	With wooden frames	1,782	3,172	63	64
	With metal frames	3,446	1,866	26	26
	With other frames (including frames of plastic and glass fibre re-inforced plastic)	(b)	498	7	7
		Total upholstered furniture (excluding divans and sprung bases, and dining, etc chairs with upholstered or padded seats)	52,518	70,492	..
01	Furniture, wholly or mainly of wood, other than upholstered				
	Domestic				
	Built-in furniture (excluding the amount charged for site-fixing) (d)				
	Kitchen furniture	(e)	21,182	91	96
	Other built-in furniture	365	3,142	55	59
	Other than built-in furniture				
	Bedroom furniture (divan head-boards, bedstead ends, wardrobes, bedroom suite second and third pieces, including chests, dressing tables, cupboards and other bedroom furniture)	31,004	35,976	160	179
	Chairs and stools (excluding fireside, easy and nursery chairs)	9,539	12,673	131	143
	Dining and kitchen tables	6,581	9,147	132	141
	Sideboards, bureaux, bookcases and occasional furniture not elsewhere specified	12,372	20,999	159	176
	Kitchen furniture not elsewhere specified	13,007(f)	7,097	60	61
	Nursery furniture (cots, playpens, high and low chairs, etc)	1,458	2,197	20	22
	Unclassified furniture and component parts	1,491	-		
	Other domestic furniture, wholly or mainly of wood, other than upholstered, not specified above	2,815	7,033	81	87
		Total domestic furniture, wholly or mainly of wood, other than upholstered	78,633	119,446	..

TABLE 5 (continued)

Industry sub-division (a)		1963	1968		
		Value	Value	Enter-prises	Entries
		£'000	£'000	Number	Number
	Furniture, wholly or mainly of wood, other than upholstered (continued)				
05	Wireless and television cabinets	12,125	13,023	39	44
03	Office furniture	5,787	7,631	86	92
04	School furniture	5,967	7,824	88	99
05	Other (for ships, aircraft, public vehicles, railway carriages, theatres, cinemas, churches, etc)	1,980	3,295	75	76
05	Wooden component parts of furniture sold separately				
	Of chairs and stools	1,654	2,095	33	34
	Of other furniture	3,103	5,069	49	54
05	Furniture of woven fibre, plastic covered willow cane or wicker furniture of all kinds, including linen baskets (g)	1,191	1,114	9	9
05	Furniture wholly or mainly of material, other than wood, woven fibre or metal, eg of plastic and glass fibre re-inforced plastic, (excluding upholstered furniture)	(b)	520	6	6
05	Upholstery trimmings sold separately	372	374	20	22
	Other products	628	437	27	29
	Waste products	31	19	40	40
	Work done				
01	Site-fixing of built-in domestic furniture (excluding the value of built-in furniture made)	187	295	40	41
05	Work done for the trade other than repair work (for example, polishing, machinery, veneering and other fabrication, upholstery work, etc)	1,954	1,492	62	68
	Other work done (excluding repair work)	558	118	20	21
	Total	166,685	233,244	..	..
	Sales in other industries (see Table 6)	9,389	12,494	..	..
	Principal products of this industry sold by establishments in the industry	157,296	220,750	484	555(h)

(a) The number given is that of the sub-division of which the item is a characteristic product. The sales shown are total sales by larger establishments, not merely sales by establishments classified to the sub-division.

(b) Not recorded separately for 1963.

(c) Including upholstered seating for aircraft, cars and commercial vehicles for 1963: the 1968 figures may also include some similar seating.

(d) The definition of built-in furniture was not specifically stated, and the figures may include some furniture other than built-in.

(e) Included in kitchen furniture other than built-in, for 1963.

(f) Including built-in kitchen furniture for 1963.

(g) For 1963, plastic covered willow cane furniture was not specifically included.

(h) This figure represents the total number of returns made by larger establishments in this industry, which is less than the total number of establishments shown in Table 4 on account of combined returns covering more than one establishment.

TABLE 6 Sales of principal products of the industry by larger establishments classified to other industries, 1963 and 1968

Establishments employing 25 or more persons:
Analysis of returns received, United Kingdom

	1963	1968		
	Value	Value	Entries	Principal industries in which produced (a)
	£'000	£'000	Number	
Upholstered furniture (excluding divans and spring bases, and dining, etc chairs with upholstered or padded seats)				
Domestic (fireside and easy chairs, settees, studio couches, etc)				
With wooden frames	1,145	2,088	24	84,108,133,134
With metal frames	530	479	6	133
Other (for ships, railway carriages, theatres, cinemas, schools, churches, offices, etc)				
With wooden frames	71	265	14	69,133,134
With metal frames	938	85	6	134
With other frames (including frames of plastic and glass fibre re-inforced plastic)	(b)	47	*	133,134
Total upholstered furniture (other than divans and spring bases, and dining etc, chairs with upholstered or padded seats)	2,684	2,964	..	
Furniture wholly or mainly of wood, other than upholstered				
Domestic				
Built-in furniture (excluding the amount charged for site-fixing)				
Kitchen furniture	(c)	866	20	131,134
Other built-in furniture	101	93	17	131,134
Other than built-in furniture				
Bedroom furniture (divan head-boards, bedstead ends, wardrobes, bedroom suite second and third pieces, including chests, dressing tables, cupboards and other bedroom furniture)	1,305	1,500	35	133,134
Chairs and stools (excluding fireside, easy and nursery chairs)	103	349	14	63,109,133,134
Dining and kitchen tables	30	38	9	133,134
Sideboards, bureaux, bookcases and occasional furniture, not elsewhere specified	246	482	15	131,133,134
Kitchen furniture, not elsewhere specified	682(d)	948	22	131,133,136,150
Other domestic furniture, wholly or mainly of wood, other than upholstered, not specified above, furniture of woven fibre (including plastic covered willow cane or wicker furniture of all kinds, including linen baskets) and nursery furniture	1,494	2,969	30	69,131,134,147
Wireless and television cabinets	1,142			
Office furniture	326	523	18	134,140
School furniture	216	586	26	61,131,134,147

TABLE 6 (continued)

	1963	1968		
	Value	Value	Entries	Principal industries in which produced (a)
	£'000	£'000	Number	
Furniture wholly or mainly of wood, other than upholstered (continued)				
Other (for ships, aircraft, public vehicles, railway carriages, theatres, cinemas, churches, etc)	212	417	19	82,114,131,134
Component parts of wooden furniture sold separately; and upholstery trimmings sold separately	273	342	13	82,131,133,136
Unclassified furniture and component parts	209	-		
Work done				
Site-fixing of built-in domestic furniture (excluding the value of built-in furniture made)	23	126	22	
Work done for the trade other than repair work, (for example, polishing, machining, veneering and other fabrication, upholstery work, etc)	341	290	30	
Total	9,389	12,494	..	

(a) The references given are to the list of industries at the front of this report.

(b) Not recorded separately for 1963.

(c) Included in kitchen furniture other than built-in for 1963.

(d) Including built-in kitchen furniture for 1963.

TABLE 7 Sales of other than principal products by larger establishments in the industry, 1963 and 1968

Establishments employing 25 or more persons:
Analysis of returns received, United Kingdom

	1963		1968	
	Quantity	Value	Quantity	Value
Shop and office fittings (excluding the amount charged for site-fixing)		£'000		£'000
Shop fronts	..	34	}	348
Built-in wooden and/or metal furniture and fittings				
For shops and offices (including banks)	..	90		
For ships; and for other purposes (other than domestic)	..	402	..	544
Exhibition and display stands	..	113	..	74
Show cases	..	39	..	51
Total		678		1,018
Less the value of goods included above and also included in charges made for shop and office site-fixing shown below		199		382
Net sales		479		636
Spring and wire base mattresses and other metal furniture and parts thereof	..	1,516	..	719
Wood sawn, planed or dressed or further processed	}	466	..	565
Builders woodwork			..	465
Bedding and soft furnishings	Thousands		Thousands	
Upholstered divan beds and bases for interior spring mattresses (excluding mattresses)	180	1,062	}	522
Upholstered mattresses (other than of rubber or plastic foams)	..	140		
Mattresses 4ft. in width and over, interior spring	133	977	20	200
Mattresses under 4ft. in width (other than cot mattresses), interior spring	191	965	37	253
Mattresses of all sizes (excluding cot mattresses) other than interior spring	4	16	4	17
Cot mattresses (other than of rubber and plastic foams)	28	58	..	15
Bolsters, pillows, cushions and mattresses of rubber and plastic foams, plastic surface sheeting for furnishing, and other rubber products	..	888	..	1,434
Curtains	12	13	}	34
Made up covers (stretch or other)	..	55		
Made up covers (stretch or other)	..	26	..	102
Wooden boxes, crates, etc	..	199	..	199
Miscellaneous wood and cork manufactures	..	374	..	960
Other products	..	4,726	..	426

TABLE 7 (continued)

	1963		1968	
	Quantity	Value	Quantity	Value
Work done		£'000		£'000
Site-fixing				
Shop fronts, and shop and office site-fixing	}	397	}	210
Other site-fixing (including site-fixing on ships, etc, but excluding site-fixing of domestic furniture)				532
Other work done				
Making up of loose covers, pelmets, curtains, etc, from customers' own materials		49		54
Repair work done		411		242
Services rendered				
Exhibition stand hire (including erecting and dismantling)		6	}	42
Other services (a)		138		
Total value of goods sold without having been subjected to any manufacturing process (merchanted or factored)	..	7,947	..	10,017
Canteen takings	..	369	..	315
Total		21,277		17,959

(a) Amounts charged for hiring out plant (other than exhibition stand hire), machinery or other goods, for providing transport, or for technical or other services rendered to other organisations.

TABLE 8 Production of certain principal products of the industry by larger establishments, 1963 and 1968

This table is not applicable to this industry.

TABLE 9 Purchases by larger establishments of selected principal products of the industry, 1968

This table is not applicable to this industry.

TABLE 10 Purchases by larger establishments in the industry, 1963 and 1968
Establishments employing 25 or more persons: Analysis of returns received, United Kingdom

	1963		1968	
	Quantity	Cost	Quantity	Cost
Materials for use in production		£'000	Th.cu.ft. (Hoppus measure)	£'000
Timber				
Softwood				
Round or unsawn	..	275	289 ..	109 223
Sawn or planed, but not further prepared or manufactured	Th.stds. 8.5 ..	877 423	Th.stds. 16.0 ..	2,074 1,043
Hardwood				
Round or roughly squared	Th.cu.ft. 2,915 ..	2,456 597	Th.cu.ft. 2,539 ..	2,734 1,405
Sawn or planed, but not further prepared or manufactured	9,647 ..	7,582 1,389	8,074 ..	8,867 3,182
Softwood and hardwood, manufactured or semi- manufactured (ie further prepared than sawn or planed)	..	663	..	2,010
Plywood, including blockboard, laminboard and battenboard	Th.sq.ft. 165,517 ..	6,339 1,461	Th.sq.ft. 166,347 ..	7,509 3,115
Veneers and panelwood	191,126 ..	3,335 917	299,645 ..	5,306 1,722
Chipboard	..	1,681	99,997 ..	4,471 1,690
Flaxboard	..	514	22,274	880
Manufactures of wood				
Furniture in the white, unpolished, for further processing	..	1,280	..	2,160
Component parts of furniture	..	3,402	..	5,135
Other descriptions	..	371	..	629
Glues and adhesives (including formulated adhesives but excluding unformulated synthetic resins bought as such) (a)	..	639	..	950
Wax and other polishes	..	202	..	357
Paint and varnish (including lacquers and stains)				
Ready-mixed paints (including those containing synthetic resins)				
Cellulose based paints	Th.gal. 705 ..	789 141	Th.gal. 730 ..	855 235
Other ready-mixed paints	146 ..	213 29	219 ..	315 40
Varnishes and lacquers (not pigmented)				
Cellulose ester and cellulose ether varnishes, lacquers and clear solutions	1,648 ..	1,730 283	1,404 ..	1,477 418
Other	202 ..	270 95	106 ..	119 57
Other paints not elsewhere specified	..	115	..	56

TABLE 10 (continued)

	1963		1968	
	Quantity	Cost	Quantity	Cost
Materials for use in production (continued)		£'000		£'000
Iron castings	..	102	..	20
Steel				
Bars and rods (including wire rods) angles, shapes and sections, girders, beams, joists and pillars rolled (not fabricated), including tube rounds and squares	Th.tons 13.4 ..	648 95	Th.tons 3.8 ..	290 139
Sheets under 3 mm. thick (including electrical sheets)	2.5	198	..	174
Light metals and non-ferrous metals in all forms except finished parts, wire and scrap				
Aluminium and aluminium alloys	0.2 ..	138 53	0.1 ..	79 42
Brass and other copper alloys (including nickel silver and cupro-nickel, but excluding all other nickel alloys (including cadmium copper) (b))	..	24	..	46
Wire and wire mesh	..	650	..	209
Springs	..	1,345	..	1,256
Metal frames	..	345	..	584
Wire mattresses, bed irons and other metal fittings for beds, etc	..	252	..	111
Other metal hardware and fittings, including door bolts, hasps, staples, hinges and metal cabinet handles	..	3,445	..	4,570
Furniture of metal, and parts thereof, not elsewhere specified	..	671	..	477
Bolts, rivets, nuts and washers, screws, nails, tacks, etc	..	1,370	..	1,891
Narrow fabrics (including calico and hessian)				
Webbing	..	361	..	507
Other narrow fabrics (braids, bindings, tapes, etc)	..	322	..	431
Woven piece goods (other than narrow fabrics) wholly or mainly of	Th.sq.yds.		Th.sq.yds.	
Cotton	8,778 ..	2,403 442	3,924 ..	1,435 968
Wool	4,041 ..	2,896 1,703	2,129 ..	1,653 1,592
Jute	2,725 ..	190 142	1,039 ..	107 102
Synthetic fibres (nylon, etc)	665 ..	561 486	2,614 ..	1,806 1,328
Other man-made fibres (rayon, etc)	3,181 ..	1,215 299	3,848 ..	2,333 1,066
Other (linen, etc)	1,109 ..	209 176	671 ..	205 333
Stuffing and padding materials (including uncovered mattresses) (c)				
Hair (except rubberised hair), fibre, feathers, down, kapok, etc, pads and paddings of these materials (backed or not) and hair felt (including mixtures of hair with other materials)	..	733	..	500
Wool felt and wool flocks	..	685	..	374

Continued on next page.

TABLE 10 (continued)

	1963		1968	
	Quantity	Cost	Quantity	Cost
Materials for use in production (continued)		£'000		£'000
Stuffing and padding materials (including uncovered mattresses) (c) (continued)				
Cotton flocks, cotton waste (including mill puffs), cotton linters and cotton felt	..	529	..	191
Rubber, including rubberised hair (other than cellular rubber)	..	621	..	295
Cellular rubber	..	1,132	..	1,185
Plastic foam	..	2,891	..	4,474
Other	..	195	..	258
Leather	..	166	..	208
Plate and sheet glass (including mirrors)	..	1,528	..	1,883
Abrasives (including glass paper and sandpaper)	..	461	..	554
Decorative thermoplastic sheet				
Thin gauge sheet, other than tiles (surfacing, upholstery, etc)				
Supported	..	276	..	1,041
Unsupported	..	589	..	1,040
Supported thermoplastic sheet (non-decorative)	..	115	..	176
Leathercloth (whether or not supported)	..	963	..	790
Plastic goods, moulded and fabricated (including components and fittings)	..	680	..	1,420
	Th.gal.		Th.gal.	
Lubricating oils and greases	116	23	56	27
	..	10	..	45
Replacement parts for firms' own machinery, plant and vehicles, and accessories and consumable tools bought as replacement				
Tyres and other spare parts for firms' own goods vehicles	..	944	..	438
Other	..		..	871
All other materials for use in production	..	5,887	..	6,160
Packaging materials				
Paper and board				
Boxes, cartons, drums and canisters (with or without metal ends) of paper and cardboard	..	229	..	652
Fibreboard packing cases	..		..	82
Wrapping and packing paper (including paper coated with plastics and any laminates incorporating paper but not metal)	..		..	205
Paper and board for converting into packaging materials	..	236	..	50
Other packaging materials of paper and paperboard (including moulded pulp units and labels, but excluding bags and multiwall sacks) (d)	..		..	37
Plastics (other than transparent regenerated cellulose film) (e)				
Film (up to 0.01 inches thick)				
Of polyethylene	..		..	73
Of other plastic materials	..	66	..	32
Sheets and sheeting (thicker than 0.01 inches)	..		..	40
All other packaging materials	..	95	..	114

TABLE 10 (continued)

	1963		1968	
	Quantity	Cost	Quantity	Cost
Fuel and electricity (f)	Th.tons	£'000	Th.tons	£'000
Coal	27.4	168	11.3	82
	..	47	..	32
Coke (including screenings) and manufactured fuel	10.1	91	3.1	37
	..	28	..	27
	Th.gal.		Th.gal.	
Derv fuel and motor spirit for use in road vehicles	3,572	669	3,718	1,002
	..	173	..	397
Other liquid fuels (including creosote/pitch mixtures, etc, and liquefied petroleum gases)	4,910	212	5,456	272
	..	42	..	38
	Th.therms		Th.therms	
Gas	1,173	79	682	65
	..	43	..	54
	Th.kWh		Th.kWh	
Electricity	122,526	973	125,191	1,115
	..	482	..	753
All other fuels		(g)	..	190
Total cost of materials and fuel		80,867		110,173
Goods purchased for merchanting		6,353		8,235
Canteen purchases		356		384
Total cost of purchases		87,576		118,792

(a) For 1963 described as 'Glues and adhesives (including compound synthetic resin adhesives, but excluding synthetic resins bought as such)'.

(b) For 1963 'Cadmium copper' was not specifically excluded.

(c) For 1963 'Uncovered mattresses' were not specifically included.

(d) For 1963 multiwall sacks only were specifically excluded.

(e) For 1963 described as 'Sheet, film, foams, etc, wholly or mainly of polyethylene (including bags and lay flat tubing)'.

(f) The total quantity of electricity generated in establishments employing 25 or more persons in this industry was 12,477 Th.kWh in 1968 and 11,400 Th.kWh in 1963.

(g) Not recorded separately for 1963.

TABLE 11 Transport costs and employment of larger establishment, 1963 and 1968

Establishments employing 25 or more persons:
Analysis of returns received, United Kingdom

	Unit	1963	1968
Average number mainly employed on transport	No.	2,414	2,586
Transport costs			
Wages and salaries	£'000	1,927	3,063
Derv fuel and motor spirit	"	842	1,399
Tyres and other spare parts for road goods vehicles	"	..	438
Payments to other organisations for transport	by road	2,441	3,034
			by rail and other means excluding postal services	266
Costs of operating road goods vehicles			
Insurance	"	150	197
Vehicle licences	"	128	305
Depreciation	"	592	873
Payments to other organisations for repairs and maintenance	"	454	694
Total	"	6,533(a)	10,268

(a) Excluding tyres and other spare parts for road goods vehicles, not collected separately for 1963.

TABLE 12 Payments for certain services, etc by larger establishments, 1963 and 1968 (a)

Establishments employing 25 or more persons:
Analysis of returns received, United Kingdom

	Amounts payable	
	1963	1968
Repairs and maintenance to	£'000	£'000
Buildings	363	604
Road goods vehicles	454	694
Plant, machinery and other capital equipment	595	1,014
Insurance, licensing and depreciation of road goods vehicles (b)	870	1,376
Rates, excluding water rates	1,578	2,273
Hire of plant and machinery	51	219
Postage, telephone, telegrams, cables and telex (c)	640	907
Total	4,552	7,087

(a) No deduction is made for these payments to arrive at the figures of net output given in this report.

(b) For details see Table 11.

(c) Excluding telex for 1963.

TABLE 13 Percentage analysis of twelve-month periods covered by returns from larger establishments, 1968

Establishments employing 25 or more persons:
Analysis of returns received, United Kingdom

Year ended	Percentage of total returns received	Percentage of total number employed
1968	Per cent.	Per cent.
April (a)	4.1	3.6
May	2.0	1.0
June	7.0	7.2
July	5.9	8.5
August	3.2	3.1
September	6.1	5.6
October	4.0	4.6
November	1.6	1.8
December	33.7	32.7
1969		
January	4.9	3.8
February	1.6	0.7
March	23.1	25.8
April (b)	2.7	1.5
	100	100

(a) From 6 April.

(b) To 5 April.