

145 Linoleum, plastics floor covering, leathercloth, etc.

This Report on the Linoleum, Plastics Floor-covering, Leathercloth, etc Industry relates to establishments engaged wholly or mainly in manufacturing linoleum, vinyl and other plastics floor-coverings, feltbase, oilcloth, leatherette, leathercloth coated with PVC, nitro-cellulose or other plastics, and unsupported decorative PVC sheet.

This industry corresponds to minimum list heading 492 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 definition of this industry however is unchanged from the last detailed Census of Production for 1963 in which it was reported (Part 120).

There were no establishments in this industry in Northern Ireland in 1963 and 1968.

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).

TABLE 11
INDUSTRY GROUPS
PERCENTAGE OF ESTABLISHMENTS IN EACH GROUP

Group	1963	1968
Group 1	100	100
Group 2	0	0
Group 3	0	0
Group 4	0	0
Group 5	0	0
Group 6	0	0
Group 7	0	0
Group 8	0	0
Group 9	0	0
Group 10	0	0
Group 11	0	0
Group 12	0	0
Group 13	0	0
Group 14	0	0
Group 15	0	0
Group 16	0	0
Group 17	0	0
Group 18	0	0
Group 19	0	0
Group 20	0	0
Group 21	0	0
Group 22	0	0
Group 23	0	0
Group 24	0	0
Group 25	0	0
Group 26	0	0
Group 27	0	0
Group 28	0	0
Group 29	0	0
Group 30	0	0
Group 31	0	0
Group 32	0	0
Group 33	0	0
Group 34	0	0
Group 35	0	0
Group 36	0	0
Group 37	0	0
Group 38	0	0
Group 39	0	0
Group 40	0	0
Group 41	0	0
Group 42	0	0
Group 43	0	0
Group 44	0	0
Group 45	0	0
Group 46	0	0
Group 47	0	0
Group 48	0	0
Group 49	0	0
Group 50	0	0
Group 51	0	0
Group 52	0	0
Group 53	0	0
Group 54	0	0
Group 55	0	0
Group 56	0	0
Group 57	0	0
Group 58	0	0
Group 59	0	0
Group 60	0	0
Group 61	0	0
Group 62	0	0
Group 63	0	0
Group 64	0	0
Group 65	0	0
Group 66	0	0
Group 67	0	0
Group 68	0	0
Group 69	0	0
Group 70	0	0
Group 71	0	0
Group 72	0	0
Group 73	0	0
Group 74	0	0
Group 75	0	0
Group 76	0	0
Group 77	0	0
Group 78	0	0
Group 79	0	0
Group 80	0	0
Group 81	0	0
Group 82	0	0
Group 83	0	0
Group 84	0	0
Group 85	0	0
Group 86	0	0
Group 87	0	0
Group 88	0	0
Group 89	0	0
Group 90	0	0
Group 91	0	0
Group 92	0	0
Group 93	0	0
Group 94	0	0
Group 95	0	0
Group 96	0	0
Group 97	0	0
Group 98	0	0
Group 99	0	0
Group 100	0	0

TABLE 12
INDUSTRY GROUPS
PERCENTAGE OF ESTABLISHMENTS IN EACH GROUP

Group	1963	1968
Group 1	100	100
Group 2	0	0
Group 3	0	0
Group 4	0	0
Group 5	0	0
Group 6	0	0
Group 7	0	0
Group 8	0	0
Group 9	0	0
Group 10	0	0
Group 11	0	0
Group 12	0	0
Group 13	0	0
Group 14	0	0
Group 15	0	0
Group 16	0	0
Group 17	0	0
Group 18	0	0
Group 19	0	0
Group 20	0	0
Group 21	0	0
Group 22	0	0
Group 23	0	0
Group 24	0	0
Group 25	0	0
Group 26	0	0
Group 27	0	0
Group 28	0	0
Group 29	0	0
Group 30	0	0
Group 31	0	0
Group 32	0	0
Group 33	0	0
Group 34	0	0
Group 35	0	0
Group 36	0	0
Group 37	0	0
Group 38	0	0
Group 39	0	0
Group 40	0	0
Group 41	0	0
Group 42	0	0
Group 43	0	0
Group 44	0	0
Group 45	0	0
Group 46	0	0
Group 47	0	0
Group 48	0	0
Group 49	0	0
Group 50	0	0
Group 51	0	0
Group 52	0	0
Group 53	0	0
Group 54	0	0
Group 55	0	0
Group 56	0	0
Group 57	0	0
Group 58	0	0
Group 59	0	0
Group 60	0	0
Group 61	0	0
Group 62	0	0
Group 63	0	0
Group 64	0	0
Group 65	0	0
Group 66	0	0
Group 67	0	0
Group 68	0	0
Group 69	0	0
Group 70	0	0
Group 71	0	0
Group 72	0	0
Group 73	0	0
Group 74	0	0
Group 75	0	0
Group 76	0	0
Group 77	0	0
Group 78	0	0
Group 79	0	0
Group 80	0	0
Group 81	0	0
Group 82	0	0
Group 83	0	0
Group 84	0	0
Group 85	0	0
Group 86	0	0
Group 87	0	0
Group 88	0	0
Group 89	0	0
Group 90	0	0
Group 91	0	0
Group 92	0	0
Group 93	0	0
Group 94	0	0
Group 95	0	0
Group 96	0	0
Group 97	0	0
Group 98	0	0
Group 99	0	0
Group 100	0	0

TABLE 13
INDUSTRY GROUPS
PERCENTAGE OF ESTABLISHMENTS IN EACH GROUP

Group	1963	1968
Group 1	100	100
Group 2	0	0
Group 3	0	0
Group 4	0	0
Group 5	0	0
Group 6	0	0
Group 7	0	0
Group 8	0	0
Group 9	0	0
Group 10	0	0
Group 11	0	0
Group 12	0	0
Group 13	0	0
Group 14	0	0
Group 15	0	0
Group 16	0	0
Group 17	0	0
Group 18	0	0
Group 19	0	0
Group 20	0	0
Group 21	0	0
Group 22	0	0
Group 23	0	0
Group 24	0	0
Group 25	0	0
Group 26	0	0
Group 27	0	0
Group 28	0	0
Group 29	0	0
Group 30	0	0
Group 31	0	0
Group 32	0	0
Group 33	0	0
Group 34	0	0
Group 35	0	0
Group 36	0	0
Group 37	0	0
Group 38	0	0
Group 39	0	0
Group 40	0	0
Group 41	0	0
Group 42	0	0
Group 43	0	0
Group 44	0	0
Group 45	0	0
Group 46	0	0
Group 47	0	0
Group 48	0	0
Group 49	0	0
Group 50	0	0
Group 51	0	0
Group 52	0	0
Group 53	0	0
Group 54	0	0
Group 55	0	0
Group 56	0	0
Group 57	0	0
Group 58	0	0
Group 59	0	0
Group 60	0	0
Group 61	0	0
Group 62	0	0
Group 63	0	0
Group 64	0	0
Group 65	0	0
Group 66	0	0
Group 67	0	0
Group 68	0	0
Group 69	0	0
Group 70	0	0
Group 71	0	0
Group 72	0	0
Group 73	0	0
Group 74	0	0
Group 75	0	0
Group 76	0	0
Group 77	0	0
Group 78	0	0
Group 79	0	0
Group 80	0	0
Group 81	0	0
Group 82	0	0
Group 83	0	0
Group 84	0	0
Group 85	0	0
Group 86	0	0
Group 87	0	0
Group 88	0	0
Group 89	0	0
Group 90	0	0
Group 91	0	0
Group 92	0	0
Group 93	0	0
Group 94	0	0
Group 95	0	0
Group 96	0	0
Group 97	0	0
Group 98	0	0
Group 99	0	0
Group 100	0	0

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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.	38	41	
Number of establishments	"	53	56	
Gross output	£'000	76,548	85,854	
Net output	"	32,952	38,409	
Net output per head	£	1,644	2,224	
Sales and work done	{ goods produced and work done (c)	£'000	74,825	83,384
	{ merchanted goods and canteen takings	"	2,603	1,286
Purchases	{ materials for use in production and packaging and fuel	"	40,532	44,732
	{ goods for merchenting and canteen purchases	"	1,464	1,213
Payments to other organisations	{ for work done on materials given out for transport	"	429	152
	{ by road	"	1,499	1,637
	{ by rail and other means excluding postal services	"		
Stocks and work in progress				
Total stocks and work in progress	{ change during year	"	- 553	+ 1,633
	{ at end of year	"	17,719	16,787
Goods on hand for sale	{ change during year	"	- 889	+ 1,017
	{ at end of year	"	9,938	8,104
Work in progress	{ change during year	"	+ 8	+ 166
	{ at end of year	"	2,795	2,869
Materials, stores and fuel	{ change during year	"	+ 328	+ 449
	{ at end of year	"	4,986	5,814
Number employed on average during the year	{ total, including working proprietors	Th.	20.0	17.3
	{ operatives	"	13.7	11.5
	{ other employees (d)	"	6.3	5.8
Wages and salaries	{ of operatives	£'000	9,971	11,021
	{ of other employees (d)	"	5,075	7,122
Capital expenditure (e)				
Total	"	3,546	3,659	
New building work	"	687	658	
Land and existing buildings (f)	"	18	23	
Plant and machinery (f)	"	2,731	2,770	
Vehicles (f)	"	110	207	

- (a) For 1968, estimates for establishments not making satisfactory returns and for small establishments, from which only employment data were collected, accounted for 2 per cent. of the total figures in which they were incorporated: of this, unsatisfactory returns accounted for 1 per cent. For 1963 the comparable figures were less than 1 per cent. respectively.
- (b) The following information relates to small establishments (employing fewer than 25 persons) in this industry. For 1968 it includes an estimate for small establishments not making satisfactory returns. There were no unsatisfactory returns recorded for 1963.

	1963	1968
Number of establishments	13	23
Average number employed		
Working proprietors	6	15
Other persons employed	97	239

Footnotes continued on page 145/2.

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	6	6	22	..	..	..
6-10	3	3	27	..	..	..
11-24	9	8	150	..	..	..
25-49	5	5	219	1,503	545	2,491
50-99	5	4	327	1,784	712	2,178
100-399	8	7	1,695	10,920	4,492	2,650
400-749	8	7	4,877	26,308	12,086	2,478
1,000 and over	5	4	9,830	43,733	19,857	2,020
Unsatisfactory returns	7	7	124	..	..	..
Total	56	41	17,271	85,854(c)	38,409(c)	2,224(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	158	60	160	74	1,010	1,241
50-99	213	114	203	153	955	1,342
100-399	1,258	434	1,204	488	957	1,125
400-749	3,429	1,449	3,452	1,622	1,007	1,120
1,000 and over	6,231	3,599	5,806	4,657	932	1,294
Unsatisfactory returns	..	..	..	..	..	..
Total	11,494(c)	5,758(c)	11,021(c)	7,122(c)	959(c)	1,237(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	1	2	3
18 and over	76	21	97
All ages	77	23	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) In 1963 there were 4 establishments employing fewer than 25 persons included in returns for larger establishments; in 1968 there were no such establishments.

(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) 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) Direct sales of goods (excluding canteen takings) made to, and work done for, the general public by larger establishments are included. These amounted to £44,000 in 1968. Similar information is not available for 1963.

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

(f) 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.

(g) Administrative, technical and clerical employees.

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

(i) 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)				Total	
		Linoleum, thermo-plastic flooring and tiling etc 01		Leathercloth, decorative polyvinyl chloride sheet, etc 02		1963	1968
		1963	1968	1963	1968		
Number of enterprises	No.	17	11	12	10	29	21
Number of establishments	"	30	17	14	14	44	31
Gross output	£'000	44,653	48,104	31,623	36,145	76,277	84,248
Net output	"	18,555	21,411	14,280	16,280	32,835	37,691
Net output per head	£	1,394	2,060	2,143	2,483	1,644	2,224
Sales and work done	£'000	44,754	46,601	29,806	35,224	74,560	81,825
Sales of characteristic products	"	34,742	35,767	27,331	27,647	(e)	(e)
Index of specialisation (f)	Per cent.	78	77	92	78	91	81
Purchases	£'000	23,894	24,422	16,494	19,474	40,388	43,896
Payments to other organisations	"	11		416		427	149
		1,136	1,498	358	413	1,494	1,606
							156
Stocks and work in progress							
Goods on hand for sale	"	- 1,300	+ 523	+ 415	+ 475	- 886	+ 998
		6,910	4,974	2,994	2,979	9,903	7,953
Work in progress	"	- 117	- 6	+ 125	+ 169	+ 8	+ 163
		1,741	1,522	1,044	1,293	2,785	2,815
Materials, stores and fuel	"	+ 44	+ 184	+ 282	+ 257	+ 326	+ 440
		2,860	3,153	2,108	2,552	4,968	5,705
Number employed on average during the year	No.	13,313	10,392	6,662	6,556	19,975	16,948
		9,426	7,173	4,263	4,116	13,689	11,289
		3,885	3,218	2,399	2,437	6,284	5,655
Wages and salaries	£'000	6,563	6,827	3,374	3,997	9,938	10,825
		3,125	3,811	1,931	3,184	5,056	6,995
Wages and salaries per head	£	696	952	792	971	726	959
		804	1,184	805	1,307	805	1,237
Capital expenditure (h)							
New building work	£'000	336	330	349	316	685	646
Land and existing buildings	"	32	15(i)	3	38(i)	35	74
		17				17	51
Plant and machinery	"	1,416	1,557	1,402	1,368	2,818	2,926
		88	192	9	15	97	207
Vehicles	"	118	167	60	133	177	300
		48	66	20	31	67	97

For notes to this table - see page 145/5

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		Enterprises	Entries
		Quantity	Value	Quantity	Value		
		Th.sq.yds.	£'000	Th.sq.yds.	£'000			Number	Number
01	Floor-coverings (other than of rubber) (b)						
	Base of paper or paperboard						
	Printed felt base			44,410	4,575	5	6
	Vinyl surfaced			5,854	949	*	*
	Linoleum, in sheet or tile form	112,761	20,612				
	On a paper or paperboard base			867	272	*	*
	On a textile base, printed, inlaid and plain			7,389	6,118	*	6
	Rigid and semi-rigid tiles						
	Thermoplastic tiles conforming to BSS 2592			..	4,069	*	*
	Vinyl asbestos tiles less than 60 thou. in thickness but otherwise conforming to BSS 3260			3,833	985	*	*
	Vinyl asbestos tiles conforming to BSS 3260 in all respects			..	4,593	5	5
	Calendered vinyl flooring						
	Printed						
	Sheet			24,300	7,351	7	8
	Tiles			..	416	5	5
	Inlaid						
	Sheet			2,497	1,397	*	*
	Tiles	35,903	14,742				
	Less than 60 thou. in thickness but otherwise conforming to BSS 3261			2,052	643	*	*
	Conforming to BSS 3261 in all respects			..	2,444	6	7
	Spread vinyl floorings						
	On needleloom felt			2,163	953	5	5
	On other textile bases			..	131	*	*
	On other bases			1,571	827	*	*
	High quality vinyl flooring ie formulations above that strictly required by BSS 3261			..	110	*	*
	Other floor-coverings (excluding carpets, matting and underlays, and rubber or cork floorings)			..	300	*	*
	Total floor-coverings (other than of rubber)	148,664	35,354	94,936	24,070	..	..
				..	12,063		

continued on next page

TABLE 5 (continued)

Industry sub-division (a)	1963		1968			
	Quantity	Value	Quantity	Value	Enter-prises	Entries
	Th.sq.yds.	£'000	Th.sq.yds.	£'000	Number	Number
02 Plasticised unsupported sheet and film of polyvinyl chloride and co-polymers, printed or embossed, ie decorative						
0.01 inch thickness or less	49,484	3,535	..	5,114	5	5
Above 0.01 inch thickness	35,881	5,719	..	5,635	7	7
02 Leathercloth, oil baize, etc (including all supported sheet of thermoplastic materials and fabric coated with thermoplastic materials, but excluding flooring and tiling and conveyor and transmission belting)						
Polyvinyl chloride						
Produced by spreading process			..	17,877	16	17
Produced by laminating process	58,026	15,353	..	4,274	9	10
Nitro-cellulose			6,274	1,233	*	*
Other materials (including oil baize and oilcloth)	16,347	3,554(c)	550	150	6	6
..			..	313		
Other products (d)	..	395	..	458	7	9
Waste products		111		143	9	9
Work done		66		262	*	*
Total		69,250		71,592	..	..
Sales in other industries (see Table 6)		1,730		5,648	..	..
Principal products of this industry sold by establishments in the industry		67,520		65,943	21	25(e)

(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) For 1963 described as:

Linoleum, whether on canvas or felt base backing	Th.sq.yds.	£'000
Inlaid		
Rolls	24,391	9,338
Tiles	9,421	3,015
Other, not inlaid, whether in rolls or tiles (including printed paper felt base)	78,949	8,259
Thermoplastic flooring and tiling (including flexible vinyl floorings, tiles based on semi-rigid vinyl compounds, tiles based on coumarone-indene resins, etc)		
Rolls	12,549	5,279
Tiles	23,355	9,463

(c) For 1963 including clear coated fabric.

(d) Including bituminised paper felt underlay.

(e) This figure represents the total number of returns made for 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			
	Quantity	Value	Quantity	Value	Entries	Principal industries in which produced (a)
		£'000		£'000	Number	
Floor-coverings (other than of rubber)	..	599	..	115	*	34,144
Plasticised unsupported sheet and film of polyvinyl chloride and co-polymers, printed or embossed, ie decorative						
Above 0.01 inch thickness	..	222	..	1,486	*	34
0.01 inch thickness or less	..	142				
Leathercloth, oil baize, etc (including all supported sheet of thermoplastic materials and fabric coated with thermoplastic materials)			..	2,526	7	34,144
Polyvinyl chloride						
Produced by spreading process	..	635				
Produced by laminating process			..	1,140	*	34,113,144
Other materials (including oil baize and oilcloth) and other products	..	132	..	381	*	30,34,43
Total		1,730		5,648	..	

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

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
	Value	Value
	£'000	£'000
Plastics materials (including plasticised unsupported sheet and film, rigid sheet) and other plastics products	2,465	5,045
Paper and manufactures of paper	561	5,305
Rubber products	3,670	2,533
Other products		2,926
Repair work		-
Services rendered to other organisations (a)	344	73
Total value of goods sold without having been subjected to any manufacturing process (merchanted or factored)	2,373	1,042
Canteen takings	220	220
Total	9,634	17,144

(a) Amounts charged for hiring out plant, 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
		£'000		£'000
Materials for use in production				
Bitumen, bituminous emulsions and compounds	..	551	..	419
Dyestuffs and pigment and earth colours (including lithopone, zinc oxide and titanium dioxide)			..	3,151
General chemicals (a)				
Inorganic (including inorganic gases)				
Blacks, mineral or carbon			..	102
Other			..	179
Organic (including organic gases)	..	7,899	..	854
Other (eg mixtures of inorganic and organic chemicals)				
Plasticisers (excluding vegetable oils used as plasticisers)			..	5,966
Antioxidants			..	51
Blowing agents			..	147
Other			..	1,524
Vegetable and seed oils (including linseed oil and other drying oils)		2,345	..	1,567
Fillers (wood flour, clay, textile waste, asbestos fibre, etc)		1,761	..	2,102
Bituminised paper felt base		492	..	494
Paper and board other than for packaging		(b)	..	1,641
Rubber, natural, synthetic and reclaimed (including latex and rubber compound)	..	493	..	455
Synthetic resins and plastics materials (excluding leathercloth and reinforced plastics) (c)	Th. cwt.		Th. cwt.	
Polyvinyl chloride polymers and copolymers including the net resin content of latices, solutions and dispersions, plasticised moulding and extrusion compounds			1,375	7,495
Polyvinyl acetate			4.2	28
Phenolics and allied products: resins (the net resin content), solutions, emulsions, dispersions, moulding and extrusion compounds	{ 1,097	{ 6,067	45.4	255
Coumarone-indene resins (including the net resin content of solutions, emulsions and dispersions)	{ ..	{ 1,477	..	388
Foam for backing floor coverings				
Other polymers and copolymers, moulding and extrusion compounds, etc			33.9	431

Continued on next page

TABLE 10 (continued)

	1963		1968	
	Quantity	Cost	Quantity	Cost
	Th. sq. yds.	£'000	Th. sq. yds.	£'000
Materials for use in production (continued)				
Woven piece goods (other than narrow fabrics) wholly or mainly of				
Cotton (including cloth in the grey)	67,234	5,445	..	5,248
Jute (including hessian)	31,759	1,737	} 22,489	1,592
	..	519		
Synthetic fibres (nylon, etc)	1,350	182	..	336
Other man-made fibres (rayon, etc)	4,308	589	..	527
	Th. gal.		Th. gal.	
Lubricating oils and greases	103	31	107	31
	..	6	..	14
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 road goods vehicles	..	1,030	..	54
Other	..	..	..	739
All other materials for use in production	..	6,386	..	4,058
Packaging materials				
Paper and board				
Boxes, cartons, drums and canisters (with or without metal ends) of paper and cardboard and fibreboard packing cases	..	500	..	686
Wrapping and packing paper (including paper coated with plastics and any laminates incorporating paper but not metal) (d)	..	329	..	164
Plastics film up to 0.01 inches thick (other than transparent regenerated cellulose film)	..	(b)	..	249
All other packaging materials	..	283	..	332
Fuel and electricity (e)				
	Th. tons		Th. tons	
Coal	210	1,018	129	642
Coke (including screenings) and manufactured fuel	6.4	30	7.7	39
	Th. gal.		Th. gal.	
Derv fuel and motor spirit for use in road vehicles	368	72	422	92
			..	27
Other liquid fuels (including creosote/pitch mixtures, etc and liquefied petroleum gases)	9,030	336	7,497	338
	Th. therms		Th. therms	
Gas	550	39	1,051	93
			..	17

TABLE 10 (continued)

	1963		1968	
	Quantity	Cost	Quantity	Cost
	Th. kWh	£'000	Th. kWh	£'000
Fuel and electricity (e) (continued)				
Electricity	120,964	685	123,132	839
	..	86	..	345
All other fuels	..	(b)	..	185
Total cost of materials and fuel		40,388		43,896
Goods purchased for merchanting		1,276		996
Canteen purchases		183		195
Total cost of purchases		41,847		45,086

(a) For 1963 described as 'heavy chemicals'.

(b) Not recorded separately in 1963.

(c) For 1963 leathercloth and reinforced plastics were not specifically excluded.

(d) 1963 includes other packaging materials of paper, cardboard and fibreboard (except multiwall sacks).

(e) The total quantity of electricity generated in establishments employing 25 or more persons in the industry were 53,467 Th.kWh in 1968 and 90,525 Th.kWh in 1963.

TABLE 11 Transport costs and employment of larger establishments, 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.	182	199
Transport costs			
Wages and salaries	£'000	160	243
Derv fuel and motor spirit	"	72	119
Tyres and other spare parts for road goods vehicles	"	..	54
Payments to other organisations for transport	"	} 1,494	} 1,606
	{ by road { by rail and other means excluding postal services		
Costs of operating road goods vehicles	"		
Insurance	"	10	12
Vehicle licences	"	9	24
Depreciation	"	37	64
Payments to other organisations for repairs and maintenance	"	36	41
Total	"	1,817 (a)	2,320

(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	90	90
Road goods vehicles	36	41
Plant, machinery and other capital equipment	356	479
Insurance, licensing and depreciation of road goods vehicles (b)	55	101
Rates, excluding water rates	464	460
Hire of plant and machinery	54	85
Postage, telephone, telegrams, cables and telex (c)	246	290
Total	1,302	1,546

(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)	0.0	0.0
May	0.0	0.0
June	8.0	1.4
July	0.0	0.0
August	4.0	0.8
September	4.0	0.3
October	12.0	9.6
November	8.0	10.0
December	40.0	68.6
1969		
January	16.0	5.7
February	0.0	0.0
March	8.0	3.7
April (b)	0.0	0.0
	100	100

(a) From 6 April.

(b) To 5 April.