



BOARD OF TRADE

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[HA 251]

Report on the Census of Production 1963

78 Woollen and worsted

These notes give the main information needed for interpreting the figures in the industry reports. They are intended to be read in conjunction with the industry reports themselves. The figures are given in thousands of tons unless otherwise stated. The figures are for the year ending 31st March 1963. The figures are for the industry as a whole and do not include the figures for the individual firms. The figures are for the industry as a whole and do not include the figures for the individual firms. The figures are for the industry as a whole and do not include the figures for the individual firms.

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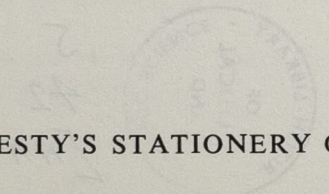
78 Woollen and worsted

Presented by the Board of Trade to Parliament in pursuance of the Statistics of Trade Act 1947 (10 & 11 Geo. 6 Cha. 39 Sec. 7)

The figures in this report are based on the returns made by the firms in the industry to the Board of Trade under the provisions of the Statistics of Trade Act 1947. The figures are for the industry as a whole and do not include the figures for the individual firms. The figures are for the industry as a whole and do not include the figures for the individual firms. The figures are for the industry as a whole and do not include the figures for the individual firms.

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Notes - continued on pages 111 and 112



Notes

These notes give the main information needed for interpreting the figures in the industry reports. (More detailed information about the Census is given in a separate booklet - 'Introductory Notes': Part 1 of the Report on the Census of Production for 1963.)

GENERAL INFORMATION

Changes in the 1963 census

There were few changes resulting from amendments to the Standard Industrial Classification and only minor changes in the scope of certain industry reports compared with 1958. Any such changes are explained in the introductions to the industry reports concerned or by footnotes to the tables.

Industrial Classification

Establishments were classified to industries on the basis of major activity in conformity with the second edition of the Standard Industrial Classification (Consolidated Edition 1963, incorporating Amendment 1). Each industry was basically defined in terms of its principal products, these being of a similar nature or commonly associated in production. Normally, an establishment was classified to an industry if its sales of the principal products of that industry accounted for a greater proportion of its total sales than did its sales of the principal products of any other industry. However, where the application of this rule would have resulted in a change of classification between 1958 and 1963, the establishment was reclassified only if the sales of principal products of the newly predominant industry was more than one third greater than the sales of principal products of the previously predominant industry. This modification of the general rule was introduced for 1958 to avoid discontinuities which would result from marginal changes in sales between successive censuses.

The principle of classification by major output was also normally followed in compiling the analysis by sub-divisions of an industry.

In certain industries, classification was dealt with in a different way. Details of any non-standard treatment are given in the introductions to the relevant industry reports.

TERMS USED IN THE CENSUS REPORT

Average number employed

Firms were required to state the number of persons on the payroll (i.e. whose National Insurance cards were held by them) on the average during the year of return, whether full-time or part-time employees. Separate figures were required for (a) administrative, technical and clerical employees and (b) operatives (see below). Averages could be calculated from figures relating to the last week of each calendar month; figures shown in respect of the average number employed relate to the sum of these averages. Firms were also required to state the number of working proprietors (see below) where appropriate and these are included in total employment figures. Outworkers are excluded.

The figures include persons engaged in merchandising or factoring and canteen workers where particulars in respect of these activities could not be excluded from the return.

Working Proprietors

These include all persons regarded as 'self-employed' for National Insurance purposes, and members of their families who worked in the business without receiving a fixed wage or salary; but persons who worked less than half the normal number of working hours are excluded. For Great Britain, directors working in the business but not in receipt of a definite wage, salary or commission are included under this heading for 1963, but are excluded for 1958. For Northern Ireland, directors of limited companies, other than those paid by fee only, are included for both years. (Directors paid by fee only are not included in any of the employment figures for either year.)

Employees

- (i) Administrative, technical and clerical employees include managers, superintendents and works foremen; research, experimental, development, technical and design employees (other than operatives); draughtsmen and tracers; editorial staff, staff reporters, canvassers, competition and advertising staff; travellers; and office (including works office) employees. For Great Britain, but not for Northern Ireland, they include also managing and other directors in receipt of a definite wage, salary or commission.
- (ii) Operatives include all other classes of employees, that is, broadly speaking, all manual wage earners. They include those employed in and about the factory or works; operatives employed in power houses, transport work, stores, warehouses, shops and canteens; inspectors, viewers and similar workers; maintenance workers; and cleaners. Operatives engaged in outside work of erection, fitting, etc. are also included, but outworkers (i.e. persons employed by the firm who worked in their own homes, etc. on materials supplied by the firm) are excluded. Information about the numbers of outworkers employed was collected only for the gloves industry.

Capital Expenditure

- (i) New building work.

This represents the cost incurred during the year of new building and other new construction work (including office buildings, canteens and the like used in connection with the business covered by the return but not dwelling houses for employees). The value is that charged to capital account during the year of return; it includes expenditure on new buildings or on the extension or reconstruction of old buildings, the value of work of a capital nature carried out by firms' own staff, and the cost of any newly constructed buildings purchased. The figures shown include any legal charges, stamp duties, agents' commissions, etc.

78 Woollen and worsted

This Report on the Woollen and Worsted Industry relates to establishments engaged wholly or mainly in sorting, cleaning, blending, etc., and combing virgin wool and fine animal hair, and making tops; spinning, doubling, winding, etc., worsted yarns and weaving worsted fabrics; spinning woollen yarn, weaving woollen fabrics and making-up blankets, travelling rugs, etc., of woollen yarns; manufacturing mungo and shoddy from woollen and worsted waste and processing hardwaste for use in woollen spinning; weaving wool felt and manufacturing pressed felt of wool or hair. The weaving of narrow fabrics and the manufacture of needle-felt are excluded.

This industry corresponds to minimum list heading 414 in the Standard Industrial Classification (Consolidated edition, 1963).

TREATMENT OF FOAMBACK FABRICS

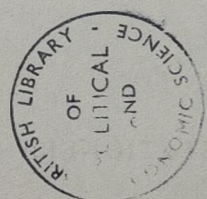
In the 1963 census sales of foamback fabrics are shown as principal products of the same industry as the fabric rather than the material used for the backing. Thus foamback knitted fabrics are shown in Table 5 of the report on the Hosiery and Other Knitted Goods Industry (Part 81), and the corresponding tables of this report and the report on Weaving of Cotton, Linen and Man-made Fibres Industry (Part 77) show, respectively, sales of foamback woollen or worsted fabrics and sales of foamback fabrics of cotton, linen and man-made fibres. Total sales of all foamback fabrics reported in the census, together with those reported by textile converters in a separate inquiry, are brought together in a supplement to Table 5 in the report on the Weaving of Cotton, Linen and Man-made Fibres Industry (Part 77).

Sales of foamback fabrics were not taken into account in classifying returns to the three textile industries in which they are shown. The foambacking of fabrics on commission was classified to the Textile Finishing Industry (Part 87).

METHOD OF CLASSIFICATION

The classification of returns to this industry followed the standard procedure except for the special treatment of foamback fabric referred to above. The classification of returns to sub-divisions of the industry followed the standard procedure, except that returns initially classified to the sub-division 'Combers on own account' were transferred to the sub-division 'Top makers' if the firm had indicated in reply to a special question on the form that they did not comb or re-comb tops or slubbings on their own account.

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



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TABLE 1 Industry summary: United Kingdom
Estimates for all firms, 1958 and 1963 (a)

	Unit	1958	1963
Number of enterprises	No.	1,440	1,172
Number of establishments	"	1,873	1,705
Gross output	£'000	538,715	616,271
Net output	"	136,731	185,364
Net output per head	£	743	1,047
Sales and work done	£'000	525,796	584,510(b)
Purchases	"	354,945	383,835
Payments to other organisations	"	27,408	31,931
Stocks and work in progress			
Total stocks and work in progress	"	- 24,180	+19,386
Goods on hand for sale	"	- 1,475	+ 1,145
Work in progress	"	- 6,571	+ 5,476
Materials, stores and fuel	"	- 16,134	+12,765
Average number employed	"	184.0	177.0
Wages and salaries	£'000	65,425	78,706
Employers' contributions to National Insurance and private pension schemes, etc. (d)	"	..	6,550
Capital expenditure (e)			
Total	"	..	13,088
New building work	"	1,463	2,243
Land and existing buildings (f)	"	..	- 17
Plant and machinery (f)	"	5,898	10,103
Vehicles (f)	"	549	759

(a) For 1963, estimates for small firms and for firms not making satisfactory returns accounted for about 4 per cent. of the total figures in which they were incorporated. (For 1958 the comparable figure was also 4 per cent.) A summary of the detailed returns received is given in Table 2.

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

(c) Administrative, technical and clerical employees.

(d) Including pensions and gratuities paid other than from pension funds.

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

(f) Acquisitions less disposals.

TABLE 2 Analysis of larger firms by sub-divisions within the industry, 1958 and 1963

Firms employing 25 or more persons: United Kingdom (a)

	Unit	Sub-divisions of the industry (b)				
		Wool sorted, blended, etc. 11		Wool and hair rags and waste (dyed, carbonised, etc.) 12		
		1958	1963	1958	1963	
Number of enterprises (d)	No.	23	21	12	12	
Number of establishments	"	30	38	13	12	
Gross output	£'000	16,831	23,107	3,694	4,122	
Net output	"	1,783	5,296	514	874	
Net output per head	£	1,217	1,986	613	1,248	
Sales and work done	£'000	goods produced and work done	10,682	15,373(e)	3,028	2,992(e)
		merchanted goods and canteen takings	6,155	7,089	745	1,050
Sales of characteristic products	"	9,262	11,491	1,976	2,665	
Index of specialisation (g)	Per cent.	87	75	65	89	
Purchases	£'000	materials for processing and packaging, and fuel	14,769	10,983	3,002	2,323
		goods for merchandising and canteen purchases		6,794		848
Payments to other organisations	"	for work done on materials given out	429	481	52	50
		for transport	153	153	74	77
Stocks and work in progress						
Goods on hand for sale	"	change during year	- 25	+ 639	- 50	+ 61
		at end of year	944	1,813	511	391
Work in progress	"	change during year	+ 19	+ 6	- 29	+ 19
		at end of year	189	277	49	54
Materials, stores and fuel	"	change during year	+ 303	+ 599	- 53	+ 50
		at end of year	2,062	2,787	290	363
Average number employed	No.	total, including working proprietors	1,465	2,667	838	700
		operatives	1,097	2,228	692	561
		other employees (h)	365	429	144	125
Wages and salaries	£'000	of operatives	576	1,264	240	244
		of other employees (h)	376	486	125	111
Wages and salaries per head	£	operatives	525	567	335	436
		other employees (h)	1,030	1,133	866	886
Employers' contributions to National Insurance (i)	£'000	..	79	..	18	
Employers' contributions to private pension schemes, etc. (j)	"	..	39	..	11	
Capital expenditure (k)						
New building work	"	9	1	2	4	
Land and existing buildings	"	acquisitions	..	-	..	- 6(1)
		disposals	..	20	..	
Plant and machinery	"	acquisitions	45	106	14	17
		disposals	6	13	-	1
Vehicles	"	acquisitions	38	61	22	34
		disposals	16	23	7	12

	Sub-divisions of the industry (b)							
	Tops						Spun worsted yarns on own account	
	Top makers (c) 13		Combers on own account 14		Commission combers 15		21	
	1958	1963	1958	1963	1958	1963	1958	1963
	27	20	14	18	34	26	164	126
	31	30	16	35	55	47	253	219
	72,747	67,665	26,479	47,527	11,959	15,046	142,583	162,435
	3,743	3,224	3,806	8,205	8,668	11,002	32,988	46,213
	1,845	2,198	1,129	1,369	917	1,295	647	956
	68,641	61,269(e)	23,414	44,431(e)	11,899	14,886(e)	143,953	157,403(e)
	3,692	5,744	3,318	2,848	46	85	2,704	2,878
	65,170	56,839	18,436	35,817	11,531	13,069	121,769	138,759
	95	93	79	81	97	88	85	88
	60,501	53,722	20,757	37,191	3,125	3,874	97,486	108,903
		6,394		2,926		105		2,198
	7,504	6,547	456	2,220	6	36	5,098	6,049
	728	496	107	130	137	101	733	909
	+ 782	+ 208	- 162	- 304	- 5	+ 31	- 765	+ 526
	6,239	4,028	1,716	4,048	22	176	8,535	10,685
	- 368	+ 442	- 91	+ 553	+ 19	+ 44	- 3,309	+ 1,628
	2,349	2,466	422	2,568	106	141	9,925	13,460
	- 271	+ 2,719	- 1,352	+ 3,144	- 22	+ 72	- 6,277	+ 1,837
	15,672	15,418	4,353	12,375	666	727	17,068	19,289
	2,029	1,467	3,372	5,994	9,453	8,493	50,966	48,361
	1,484	1,069	3,061	5,239	8,705	7,837	45,712	43,099
	545	372	304	750	747	652	5,245	5,178
	842	783	1,424	2,798	4,689	5,643	15,906	19,011
	587	488	314	780	665	712	3,937	4,805
	568	732	465	534	539	720	348	441
	1,078	1,311	1,032	1,040	890	1,091	751	928
	..	44	..	158	..	262	..	1,096
	..	63	..	110	..	113	..	608
	29	9	17	37	199	109	348	706
	..	- 7(1)	..	-	..	1	..	224
	..		..	-	..	31	..	61
	17	31	186	624	715	565	2,326	3,741
	-	4	7	34	15	164	106	161
	42	60	23	55	32	49	240	254
	15	20	14	17	11	11	101	108

Continued on next page

TABLE 2 (continued)

	Unit	Sub-divisions of the industry (b)			
		Spun worsted yarns on commission 22		Woven worsted fabric 30	
		1958	1963	1958	1963
Number of enterprises (d)	No.	16	13	182	131
Number of establishments	"	17	13	252	231
Gross output	£'000	1,202	998	87,835	96,110
Net output	"	921	822	24,742	32,250
Net output per head	£	446	583	735	930
Sales and work done	£'000	1,222	1,000(e)	88,526	94,138(e)
	"	6	9	1,000	1,808
Sales of characteristic products	"	1,054	953	77,854	78,535
Index of specialisation (g)	Per cent.	86	95	88	83
Purchases	£'000	252	133	53,781	55,178
	"		11		1,659
Payments to other organisations	"	11	30	6,324	7,330
	"	2	3	339	349
Stocks and work in progress					
Goods on hand for sale	"	- 6	-	+ 263	- 736
	"	16	5	10,516	12,313
Work in progress	"	- 20	- 11	- 1,954	+ 900
	"	21	15	7,413	10,626
Materials, stores and fuel	"	- 16	- 1	- 2,651	+ 656
	"	20	6	8,607	11,141
Average number employed	No.	2,065	1,410	33,679	34,679
	"	1,959	1,336	29,835	30,650
	"	104	66	3,832	3,955
Wages and salaries	£'000	604	531	11,889	15,147
	"	78	61	3,254	3,862
Wages and salaries per head	£	309	398	398	494
	"	751	925	849	977
Employers' contributions to National Insurance (i)	£'000	..	30	..	864
Employers' contributions to private pension schemes, etc. (j)	"	..	9	..	458
Capital expenditure (k)					
New building work	"	2	3	208	585
Land and existing buildings	"	..	-	..	51
	"	..	-	..	318
Plant and machinery	"	96	153	781	1,641
	"	2	6	41	70
Vehicles	"	3	3	151	180
	"	1	1	56	68

	Sub-divisions of the industry (b)							
	Recovered wool (shoddy or mungo) 40		Spun woollen yarns on own account 51		Spun woollen yarns on commission 52		Woven woollen blankets, travelling rugs, etc. 53	
	1958	1963	1958	1963	1958	1963	1958	1963
	24	16	74	71	11	12	29	32
	33	21	92	92	11	12	47	53
	6,391	3,897	35,440	57,076	496	874	10,439	18,285
	1,421	1,022	8,881	17,262	346	634	3,741	7,185
	806	1,169	981	1,313	713	1,077	714	1,002
	6,086	3,540(e)	34,818	55,728(e)	488	886(e)	10,959	17,650(e)
	327	311	644	582	7	2	55	145
	5,423	2,995	31,122	46,409	398	717	8,749	12,848
	89	85	89	83	82	81	80	73
	4,600	2,479	24,277	38,327	137	204	6,115	10,382
		275		474		3		139
	172	106	810	1,775	18	28	316	822
	69	43	194	349	7	10	103	191
	- 24	+ 56	+ 119	+ 318	-	- 8	- 504	+ 211
	179	273	1,190	2,279	1	2	980	1,935
	+ 2	- 10	- 141	+ 448	+ 1	- 6	- 71	+ 279
	87	74	1,313	2,874	6	5	709	1,310
	- 128	+ 28	- 1,278	+ 1,110	+ 11	+ 5	- 163	+ 434
	1,001	307	4,830	8,016	20	31	1,291	2,442
	1,763	874	9,050	13,151	485	589	5,240	7,167
	1,519	732	7,968	11,620	453	548	4,678	6,415
	242	120	1,078	1,485	29	31	552	735
	626	381	3,306	6,010	208	297	1,854	3,190
	187	141	925	1,363	22	28	408	674
	412	521	415	517	460	542	396	497
	774	1,178	858	918	765	898	738	917
	..	23	..	338	..	16	..	174
	..	17	..	118	..	1	..	87
	6	11	103	265	3	4	51	101
	..	-	..	227	..	3	..	2
	..	7	..	43	..	-	..	16
	22	43	387	980	14	23	96	371
	2	6	8	98	-	-	5	11
	35	28	58	148	1	1	20	47
	15	11	17	63	-	2	12	17

Continued on next page

TABLE 2 (continued)

	Unit	Sub-divisions of the industry (b)				
		Other woven woollen fabrics 54		Other work done for the industry or on commission 56		
		1958	1963	1958	1963	
Number of enterprises (d)	No.	217	184	44	46	
Number of establishments	"	308	238	51	54	
Gross output	£'000	87,160	80,023	2,743	3,071	
Net output	"	33,158	36,657	1,779	2,315	
Net output per head	£	677	984	589	692	
Sales and work done	£'000	goods produced and work done	87,565	78,261(e)	2,608	3,033(e)
		merchanted goods and canteen takings	877	740	116	23
Sales of characteristic products	"	77,753	68,613	2,001	2,605	
Index of specialisation (g)	Per cent.	89	88	77	86	
Purchases	£'000	materials for processing and packaging, and fuel	45,297	38,796	832	610
		goods for merchandising and canteen purchases					675	22
Payments to other organisations	"	for work done on materials given out	4,545	4,721	120	130
		for transport	598	575	17	7
Stocks and work in progress						
Goods on hand for sale	"	change during year	- 906	+ 90	+ 15	+ 17
		at end of year	6,165	5,723	33	34
Work in progress	"	change during year	- 376	+ 932	+ 4	- 2
		at end of year	8,575	7,704	28	51
Materials, stores and fuel	"	change during year	- 3,562	+ 1,401	+ 5	+ 13
		at end of year	13,972	11,644	91	57
Average number employed	No.	total, including working proprietors	48,944	37,245	3,022	3,346
		operatives	43,802	32,955	2,792	3,090
		other employees (h)	5,120	4,227	225	214
Wages and salaries	£'000	of operatives	17,799	17,187	1,137	1,574
		of other employees (h)	4,249	4,079	189	176
Wages and salaries per head	£	operatives	406	522	407	509
		other employees (h)	830	965	841	823
Employers' contributions to National Insurance (i)	£'000	..	963	..	81	
Employers' contributions to private pension schemes, etc. (j)	"	..	371	..	10	
Capital expenditure (k)						
New building work	"	337	198	3	25	
Land and existing buildings	"	acquisitions	..	183	..	- 3(1)
		disposals	..	193	..	
Plant and machinery	"	acquisitions	993	1,581	68	161
		disposals	60	92	10	7
Vehicles	"	acquisitions	178	210	17	17
		disposals	82	83	9	8

For notes to this table - see page 78/11

	Sub-divisions of the industry (b)					
	Mechanical cloths and woven felt 55		Pressed felt 60		Total	
	1958	1963	1958	1963	1958	1963
	10	8	6	5	812	630
	15	10	12	11	1,236	1,116
	6,833	4,948	3,726	4,249	516,556	589,435
	3,172	2,348	1,445	1,984	131,107	177,292
	1,134	1,231	1,108	1,532	743	1,047
	6,593	4,496(e)	3,688	3,969(e)	504,169	559,057(e)
	301	492	109	240	20,102	24,045
	5,511	4,115	3,034	3,295	(f)	(f)
	84	92	82	83	99	98
	3,483	2,002	1,928	2,014	340,345	367,120
	89	165	331	51	26,281	30,541
	41	24	52	51	3,354	3,470
	- 75	- 26	- 71	+ 10	- 1,414	+ 1,095
	558	465	219	272	37,823	44,441
	+ 14	- 14	-	+ 30	- 6,301	+ 5,238
	363	407	54	91	31,610	42,124
	- 47	+ 42	+ 30	+ 98	- 15,470	+ 12,209
	985	627	546	640	71,473	85,873
	2,796	1,907	1,304	1,295	176,471	169,345
	2,501	1,628	1,048	1,023	157,306	150,030
	295	279	256	269	19,083	18,887
	1,167	896	542	670	62,810	75,627
	280	277	202	242	15,799	18,284
	467	550	517	655	399	504
	950	995	790	899	828	968
	..	46	..	39	..	4,232
	..	20	..	27	..	2,061
	77	61	8	28	1,403	2,146
	..	5	..	9	..	722
	..	-	..	14	..	739
	108	233	54	89	5,921	10,358
	1	8	3	19	265	695
	34	15	10	30	904	1,193
	16	11	5	13	377	468

TABLE 3 Analysis of larger firms by size of enterprise within the industry, 1963

(i) Output, employment, capital expenditure and stocks

Firms employing 25 or more persons: United Kingdom

Average number employed by the enterprise in the industry (a)	Enterprises		Average number employed (a)	Gross output	Net output	Net output per head	Capital expenditure (b)	Total value of stocks and work in progress at end of year
	Number	Number						
25-49	131	139	4,966	44,194	6,424	1,294	229	12,280
50-99	143	149	10,005	36,161	9,637	963	539	9,060
100-199	155	193	22,052	61,451	20,530	931	1,173	14,708
200-299	76	124	18,337	59,847	19,256	1,050	1,357	16,114
300-399	38	80	12,969	48,513	13,708	1,057	852	15,667
400-499	16	39	7,276	19,278	6,775	931	209	6,122
500-749	34	108	20,369	70,184	22,691	1,114	1,592	20,482
750-999	6	30	5,012	23,657	6,005	1,198	457	7,864
1,000-1,499	19	89	22,663	85,386	25,273	1,115	1,890	28,226
1,500-1,999	5	35	8,433	23,153	9,456	1,121	493	6,388
2,500-3,999	3	47	9,812	37,003	10,831	1,104	710	9,558
4,000 and over	4	83	27,451	80,608	26,707	973	3,016	25,968
Total	630	1,116	169,345	589,435	177,292	1,047	12,518	172,438

(ii) Employees, wages and salaries, and employers' contributions

Firms employing 25 or more persons: United Kingdom

Average number employed by the enterprise in the industry (a)	Employees		Wages and salaries		Employers' contributions		Wages and salaries per head	
	Operatives	Others (c)	Operatives	Others (c)	National Insurance (d)	Private pension schemes, etc. (e)	Operatives	Others (c)
25-49	4,165	679	2,179	731	131	32	523	1,077
50-99	8,804	1,107	4,200	1,103	249	70	477	997
100-199	19,711	2,237	9,760	2,237	565	198	495	1,000
200-299	16,350	1,955	8,612	1,954	475	222	527	1,000
300-399	11,574	1,383	5,754	1,447	321	175	497	1,046
400-499	6,436	789	3,260	714	186	90	503	905
500-749	17,703	2,653	9,105	2,610	513	240	514	984
750-999	4,357	643	2,552	604	137	55	586	939
1,000-1,499	20,130	2,513	10,096	2,345	572	281	502	933
1,500-1,999	7,610	823	3,655	870	204	87	480	1,057
2,500-3,999	8,780	1,028	4,909	949	248	184	559	923
4,000 and over	24,360	3,077	11,544	2,719	628	428	474	884
Total	150,030	18,887	75,627	18,284	4,232	2,061	504	968

(a) Including working proprietors.

(b) Acquisitions less disposals.

(c) Administrative, technical and clerical employees.

(d) Including both flat rate and graduated contributions.

(e) Including pensions and gratuities paid other than from pension funds. These amounted in total to £466,000.

TABLE 4 Percentage analysis of employees, by age and sex, all firms, 1963: United Kingdom (a)

Ages	Males	Females	All employees
	Per cent.	Per cent.	Per cent.
Under 18	2	7	9
18 and over	45	46	91
All ages	47	53	100

Source: Ministry of Labour

(a) The percentages relate to the numbers employed (excluding working proprietors) at mid-June, 1963.

Footnotes to Table 2.

(a) The following information relates to small firms (employing fewer than 25 persons) in this industry. It includes an estimate for small firms not making satisfactory returns, which account for 3 per cent. of the employment shown for 1963 and 1 per cent. for 1958.

	1958	1963
Number of firms	623	561
Average number employed:		
Working proprietors	6,951	828
Other persons employed		5,165

(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 establishments which purchase wool, sort, blend, or scour it, and give it out to be combed on commission.

(d) 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.

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

(f) Characteristic products relate only to 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) Including both flat rate and graduated contributions.

(j) Including pensions and gratuities paid other than from pension funds.

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

(l) Acquisitions less disposals.

TABLE 5 Sales of principal products of the industry by larger firms, including sales by establishments classified to other industries, 1958 and 1963

Firms employing 25 or more persons: United Kingdom

Industry sub-division (a)	1958		1963			
	Quantity	Value	Quantity	Value	Enter-prises	Entries
	Th.lb.	£'000	Th.lb.	£'000	Number	Number
PREPARATORY PROCESSES						
11	Wool sorted, blended, scoured or carbonised but not otherwise treated					
	Wool, sorted or blended, not scoured	27,399	6,202	31,642	7,916	43 49
	Wool scoured	16,419	4,919	..	8,989	31 33
	Wool and wool by-products carbonised	2,628	701	2,726	645	7 7
	Other animal hair (mohair, cashmere, angora, etc.)	3,655	1,506	2,755	960	9 9
12	Woollen, worsted and hair rags and waste sorted and cleaned	32,750	2,383	18,968	1,456	17 17
12	Woollen, worsted and hair rags and waste (dyed, carbonised, etc.)(b)			..	1,397	
40	Recovered wool (shoddy or mungo)	37,787	4,162	39,984	3,502	32 36
		..	1,291			
13,14	Tops or slubbings, first combed					
	Of wool					
	Oil combed					
	Merino, 60's quality and above	94,728	42,600	78,073	36,697	31 35
	Other wool, above 50's to 58's	37,600	15,050	43,971	17,293	30 35
	Other wool, 50's and below	26,976	8,394	26,776	8,866	25 29
	Dry combed					
	Merino, 60's quality and above	27,742	13,118	29,077	14,056	28 32
	Other wool, above 50's to 58's	3,508	1,450	4,286	1,764	21 25
	Other wool, 50's and below	1,504	486	1,344	441	12 13
	Of other materials					
	Wholly of animal hair (alpaca, mohair, etc.)	2,667	1,372	10,634	7,042	11 11
	Wholly of man-made fibres (rayon, nylon, etc.)	5,608	1,124	21,673	5,973	22 22
	Total tops or slubbings, first combed	200,333	83,594	215,833	92,131	.. ..
13,14	Tops or slubbings, re-combed	8,045	4,891	9,230	5,478	14 17
13,14	Noils					
	Oil combed	19,792	4,362	18,764	3,911	63 85
	Dry combed	11,083	2,712	5,181	976	31 37
13,14	Comber's shoddy, burrs, etc.	12,089	775	9,829	675	49 66

TABLE 5 (continued)

Industry sub-division (a)	1958		1963			
	Quantity	Value	Quantity	Value	Enter-prises	Entries
	Th.lb.	£'000	Th.lb.	£'000	Number	Number
SPINNING						
	Yarn, other than for carpets and rugs or for hand-knitting					
51	Woollen (carded only)					
	All wool	17,379	9,246	28,475	13,653	64 72
	Mixtures containing wool	11,061	4,140	11,515	4,558	45 46
	Of man-made fibres (rayon, nylon, etc.) spun on the woollen system					
	Synthetic fibres (nylon, etc.)	..	(c)	1,999	772	18 19
	Other fibres (rayon, etc.)			1,664	395	9 9
21	Worsted (combed)					
	All wool	117,636	79,312	107,416	70,225	131 163
	Mixtures containing wool	21,056	14,369	22,771	16,762	84 103
	Of man-made fibres (rayon, nylon, etc.) spun on the worsted system					
	Synthetic fibres (nylon, etc.)	..	(c)	18,412	13,931	51 60
	Other fibres (rayon, etc.)			..	528	15 16
21	Mohair	2,800	2,634	3,122	3,070	18 22
21	Cashmere	324	1,407	938	3,024	9 9
21	Other yarn of hair, or of mixtures containing hair	3,918	1,599	6,519	3,834	24 27
		..	364			
	Hand-knitting yarn, including mending yarn					
51	Woollen (carded only)					
	All wool					
	In skeins, balls and the like for retail sale			5,139	4,525	18 19
	Other			549	302	11 11
	Mixtures containing wool	6,259	3,009			
	In skeins, balls and the like for retail sale			348	317	8 8
	Other			252	102	5 5
	Of man-made fibres (rayon, nylon, etc.) in skeins, balls and the like for retail sale	..	(c)	860	944	* *
21	Worsted (combed)					
	All wool					
	In skeins, balls and the like for retail sale			26,310	20,221	41 44
	Other			8,281	4,597	27 31
	Mixtures containing wool	35,822	26,051			
	In skeins, balls and the like for retail sale			5,984	5,895	24 26
	Other			472	277	11 11

Continued on next page

TABLE 5 (continued)

Industry sub-division (a)	1958		1963			
	Quantity	Value	Quantity	Value	Enter-prises	Entries
		£'000		£'000	Number	Number
SPINNING (continued)						
21	Hand-knitting yarn, including mending yarn (continued)					
	Worsted (combed) (continued)					
	Of man-made fibres (rayon, nylon, etc.)					
	Synthetic fibres (nylon, etc.)					
	In skeins, balls and the like for retail sale					
	..	(c)	4,163	3,848	26	28
	Other					
	Other fibres (rayon, etc.)					
	Th.lb.		1,278	819	14	16
21	213	705	1,273	1,701	9	10
Mohair, cashmere, angora, etc.						
Carpet and rug yarn						
All wool or mixtures containing wool						
51	67,617	22,033	95,789	31,475	54	58
Woollen (carded only)						
21	4,282	1,849	..	2,111	16	16
Worsted (combed)						
21	Of hair or mixtures containing hair					
	Woollen (carded only)					
	992	628	905	382	*	*
	Worsted (combed)					
			431	183	9	9
21	..	(c)	2,739	1,236	14	15
Of man-made fibres (rayon, nylon, etc.) spun on the woollen or worsted systems						
	289,359	166,982	357,604	207,048	..	..
	..	364	..	2,638	..	..
Total yarn of wool and hair (including yarn of man-made fibres spun on the woollen and worsted systems) (d)						
MANUFACTURES OF WOOL (excluding foamback fabrics)						
30	Fabrics not being pile fabrics or chenille fabrics, wholly or mainly of					
	Th.sq. yds.		Th.sq. yds.			
	Mohair					
			1,710	1,659	15	15
	Cashmere					
	2,333	2,791	205	492	10	10
	Angora and other hair					
			648	585	9	11
30	479	495	551	500	7	7
Damasks, tapestries, brocades and the like						
30	9,390	6,262	4,522	3,542	15	15
Plushes and other pile fabrics and chenille fabrics						
			..	574	..	..
55	1,697	1,662	1,481	1,503	12	15
Mechanical cloth (other than woven felt)						
			..	430	..	..
30	12,288	2,529	8,647	2,018	12	12
Inter-linings, including hair inter-linings						
			..	290	..	..

TABLE 5 (continued)

Industry sub-division (a)	1958		1963			
	Quantity	Value	Quantity	Value	Enter-prises	Entries
	Th.sq.yds.	£'000	Th.sq.yds.	£'000	Number	Number
MANUFACTURES OF WOOL (excluding foamback fabrics)(continued)						
54	Other woven woollen fabrics					
	Containing 90 per cent. or more wool					
	Weighing 16oz. and over to the square yard					
	10,642	5,331	14,189	8,680	93	103
	Weighing 12 and under 16oz. to the square yard					
	23,910	12,936	21,827	13,328	123	140
	Weighing 8 and under 12oz. to the square yard					
	46,137	24,537	30,668	16,250	137	157
	Weighing under 8oz. to the square yard					
	14,163	5,577	16,063	5,582	92	100
	Total other woven woollen fabrics containing 90 per cent. or more wool					
	94,852	48,381	82,747	43,840	..	..
	Containing less than 90 per cent. wool					
	Weighing 16oz. and over to the square yard					
	7,406	3,324	13,889	5,791	60	65
	Weighing 12 and under 16oz. to the square yard					
	21,790	9,146	23,155	9,230	89	98
	Weighing 8 and under 12oz. to the square yard					
	46,108	14,800	31,128	10,783	106	116
	Weighing under 8oz. to the square yard					
	18,667	5,439	15,345	5,499	64	66
	Total other woven woollen fabrics containing less than 90 per cent. wool					
	93,971	32,709	83,516	31,302	..	..
30	Other woven worsted fabrics					
	Containing 90 per cent. or more wool					
	Weighing 12oz. and over to the square yard					
	6,362	5,166	12,265	10,003	79	89
	Weighing 8 and under 12oz. to the square yard					
	47,439	37,960	46,719	38,838	127	157
	Weighing under 8oz. to the square yard					
	15,543	10,234	11,300	8,548	88	105
	Total other woven worsted fabrics containing 90 per cent. or more wool					
	69,344	53,360	70,284	57,390	..	..
	Containing less than 90 per cent. wool					
	Weighing 12oz. and over to the square yard					
	934	553	3,323	2,215	23	26
	Weighing 8 and under 12oz. to the square yard					
	17,970	10,800	13,082	8,283	74	85
	Weighing under 8oz. to the square yard					
	14,320	8,204	13,544	8,167	54	64
	Total other woven worsted fabrics containing less than 90 per cent. wool					
	33,224	19,557	29,949	18,665	..	..

Continued on next page

TABLE 5 (continued)

Industry sub-division (a)	1958		1963			
	Quantity	Value	Quantity	Value	Enter-prises	Entries
MANUFACTURES OF WOOL (excluding foamback fabrics)(continued)	Th.sq.yds.	£'000		£'000		
53 Other woven woollen and worsted fabrics unclassified	3,062	1,922	-	-	-	-
Blankets	..	221				
Cot size	Thousand					
Containing 90 per cent. or more wool (other than greys)			..	506	30	30
Greys	834	379(e)	Thousand	1.6	*	*
Mixtures (including cotton warp)			383	183	11	11
Other than cot size						
Containing 90 per cent. or more wool (other than greys)			2,360	6,188	43	44
Greys	5,334	9,101(e)	370	322	18	18
Mixtures (including cotton warp)			1,377	1,919	18	18
53 Travelling rugs, coverlets, wrappers and shawls (other than knitted)	1,684	1,081	2,134	1,078	46	46
..	..	314	..	339		
55 Wool felt, including asbestos wool felt but excluding needlefelt						
For use in the manufacture of paper and board and asbestos sheets, woven	3,310	4,258	2,535	3,848	6	6
60 For other uses, pressed	6,782	2,928(f)	1,472	956	7	8
..	..	634	..	626		
60 Felt wholly or partly of fibres other than wool (g)	718	96	5,796	3,282	13	15
..	..	191				
Th.lb.			Th.lb.			
Wool flock	10,971	290	9,603	216	25	26
..	..	195				
54 Other manufactures of wool (excluding carpets and rugs, clothing and smallwares)	..	1,219	..	698	22	22
OTHER PRODUCTS AND WASTE						
53 Blankets of man-made fibres (rayon, nylon, etc.)	..	(c)	Thousand	2,540	15	16
Foamback woven woollen or worsted fabrics (excluding floor coverings) (h)	..	(c)	..	2,338	61	62
Other products	..	974				
Waste products						
Wool waste sold, other than combers' waste	29,242	3,006	Th.lb.	28,876	371	459
Animal oils, fats and greases, unrefined	..	129	Th.tons	2.2	24	27
Man-made fibres (rayon, nylon, etc.) waste	..	660	Th.lb.	4,151	109	123
Other waste products	..	679	..	489	195	230
Total goods made for sale	..	480,867(i)	..	530,935	..	..

TABLE 5 (continued)

Industry sub-division (a)	1958		1963			
	Quantity	Value	Quantity	Value	Enter-prises	Entries
WORK DONE		£'000		£'000	Number	Number
11 Wool sorting, blending, scouring and carbonising		2,239		1,895	61	64
15 Wool combing		12,188		14,059	39	52
15 Wool re-combing		1,138		775	22	27
52 Woollen spinning		1,088		1,955	119	128
22 Worsteds spinning		1,574		1,904	75	97
56 Winding and warping		195		300	122	134
56 Weaving		2,188		2,795	154	178
12 Woollen, worsted and hair rags and waste (dyed, carbonised, etc.)		1,162		122	6	6
56 Other work done, on commission, sub-contract work, etc. (j)				1,937	141	166
Total work done for the trade or on commission		21,772		25,740	..	..
Total		502,639(i)		556,676	..	..
Sales in other industries (see Table 6)		5,222(i)		6,621	..	..
Principal products of this industry sold by establishments in the industry		497,417		550,055	630	818(k)

- (a) The number given is that of the sub-division of which the item is a characteristic product. The sales shown are the total sales by larger firms, not merely sales by establishments classified to the sub-division.
- (b) Excluding work done on dyeing, carbonising, etc. by firms classified to the Textile Finishing Industry. Such work is included in 'Other work done' at the end of this table.
- (c) Not recorded separately for 1958.
- (d) Yarn of man-made fibres spun on the woollen and worsted systems was not separately distinguished in 1958.
- (e) Including sales of blankets of man-made fibre which were not recorded separately for 1958.
- (f) Including woven wool felt for 1958.
- (g) Described as 'Felt wholly or partly of animal hair' for 1958.
- (h) Sales of foamback woven woollen and worsted fabrics in 1963 by larger establishments in scope of the Census and by merchant converters amounted to 3,665 Th.sq.yds. valued at £2,011,000. Owing to the risk of disclosure of information relating to individual firms, separate information cannot be given for this industry.
- (i) Revised figure. Excluding sales of woven woollen worsted cloth returned by firms classified to the Textile Converting Industry: such sales were recorded as 3,387 Th.sq.yds. valued at £1,836,000 for 1958 and 713 Th.sq.yds. valued at £301,000 for 1963.
- (j) Including work done on dyeing, carbonising, etc. by firms classified to the Textile Finishing Industry.
- (k) This figure represents the total number of returns made by larger firms in this industry, which is less than the total number of establishments in Table 2 on account of combined returns covering more than one establishment.

TABLE 6 Sales of principal products of the industry by establishments classified to other industries, 1958 and 1963

Firms employing 25 or more persons: United Kingdom

	1958		1963			
	Quantity	Value	Quantity	Value	Entries	Principal industries in which produced (a)
	Th.lb.	£'000	Th.lb.	£'000	Number	
PREPARATORY PROCESSES						
Wool scoured; woollen worsted and hair rags and waste (dyed, carbonised, etc.); recovered wool (shoddy or mungo); tops or slubbings, first combed, wholly of man-made fibres (rayon, nylon, etc.); tops or slubbings, re-combed	7,081	892(b)	..	2 066	7	75,76,83,87
SPINNING						
Yarn, other than for carpets and rugs or for hand-knitting	961	513	{2,278	1,412	11	76,83,89
Carpet and rug yarn			..	684		
Hand-knitting yarn, including mending yarn, i.e. in skeins, balls and the like for retail sale, woollen and worsted	{2,096	{624				
	..	339				
MANUFACTURES OF WOOL (excluding foamback fabrics)	Th.sq.yds.		Th.sq.yds.			
Damasks, tapestries, brocades and the like; plushes and other pile fabrics and chenille fabrics (c)	326	282	391	145	*	77
Other woven fabrics of wool mixed with other materials	1,810	986(d)				
Woven piece goods purchased and finished, so far as recorded	..	221	-	-	-	
Blankets, travelling rugs, coverlets, wrappers and shawls (other than knitted)	..	228(e)	..	278	*	85,97
Wool felt including asbestos wool felt but excluding needle felt	..	869(f)	..	360	10	77,89,107,126
Other manufactures of wool			..	273	6	77,84,109
Inter-linings, including hair inter-linings	..	255				
Wool flock			..	1,156	*	77,89,119
Foamback woven woollen or worsted fabrics (excluding floor coverings)	..	(g)				
WORK DONE		12		248	11	87
Total		5,222(h)		6,621	..	

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

(b) Excluding tops or slubbings re-combed for 1958.

(c) Plushes and other pile fabrics and chenille fabrics were described as 'Wool and mohair plushes and other wire-loom and pile fabrics of wool and mohair' for 1958.

(d) Including 'Other woven worsted fabrics mainly of wool or of wool mixed with other materials' for 1958.

(e) Including 'Flags and banners of wool bunting' for 1958.

(f) Including felt wholly or partly of animal hair for 1958.

(g) Not recorded separately for 1958.

(h) Revised figure.

TABLE 7 Sales of other than principal products by larger firms in the industry, 1958 and 1963

Firms employing 25 or more persons: United Kingdom

	1958	1963
	Value	Value
	£'000	£'000
Woven man-made fibre cloth (rayon, nylon, etc.) and glass fibre in the loom state (a)		529
Finished cloth (a)		
Woven cloth wholly of cotton, linen and union		516
Woven cloth of man-made fibres	3,976	1,087
Woven cloth of cotton, man-made fibres, linen and silk, not separately distinguished		265
Knitted, netted or crocheted fabrics, outer garments and foamback knitted fabrics		1,067
Woven and tufted carpets, carpeting and carpet floor rugs, and pile fabric rugs (b)	1,128	2,492
Coir pile mats and needlefelt for carpet underfelt and other purposes (c)	241	550
Scarves and head squares	769	523
Other goods		820
Textiles finished on commission		
Woollen fabrics	636	266
Worsted fabrics and other textiles finished		276
Services rendered to other organisations (d)	..	609
Total value of goods sold without having been subjected to any manufacturing process (merchanted or factored)	19,333	23,160
Canteen takings	769	885
Total	26,854(e)	33,047

(a) Described as 'Yarns and piece goods of cotton and silk (including mixtures); spun yarn of man-made staple fibre, and other yarns and piece goods of man-made staple fibre (including mixtures)' for 1958.

(b) Described as 'Carpets, carpeting and floor rugs of wool (including those on a wool or jute base) and mohair and pile fabric rugs' for 1958.

(c) Described as 'Felt, other than wool felt, wholly or partly of animal hair, including needlefelt' for 1958.

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

(e) Excluding amounts charged for services rendered to other organisations.

TABLE 8 Production of certain principal products of the industry by larger firms, including production by establishments classified to other industries, 1958 and 1963

This table is not applicable to this industry.

TABLE 9 Purchases of selected principal products of the industry by larger firms, 1963 (a)

Firms employing 25 or more persons: United Kingdom

Standard Industrial Classification Minimum List Heading	Purchasing industry (b)	Woven piece goods (other than narrow fabrics) wholly or mainly of wool	
		Quantity	Cost
		Th.sq.yds.	£'000
381	Motor vehicle manufacturing	1,534	953
441	Weatherproof outerwear	3,267	1,511
		..	326
442	Men's and boys' tailored outerwear	64,355	38,148
443	Women's and girls' tailored outerwear	23,705	12,924
		..	3,494
444	Overalls and men's shirts, underwear, etc.	3,282	1,125
		..	203
445	Dresses, lingerie, infants' wear, etc.	8,847	4,092
		..	621
472	Furniture and upholstery	5,005	3,348
		..	1,245
	Other industries	3,305	1,761
		..	252
	Total	113 300	63,862
		..	6,141

(a) The figures include purchases of imported as well as of home produced goods.

(b) Specified census industries for which purchases are one per cent. or more of the total of the commodity heading.

TABLE 10 Purchases by larger firms in the industry, 1954 and 1963

Firms employing 25 or more persons: United Kingdom

	1954		1963	
	Quantity	Cost	Quantity	Cost
Materials for processing		£'000		£'000
Wool, virgin (including wool obtained from skins)				
In greasy state when purchased				
Merino, 60's quality and above	..	79,878	..	52,515
Other (crossbred, Indian, etc.)	..	56,166	..	52,698
Scoured, carbonised or slipped when purchased				
Merino, 60's quality and above	..	18,427	..	9,442
Other (crossbred, Indian, etc.)	..	22,311	..	19,844
Mohair, alpaca and other hair	..	8,579	..	12,287
Wool waste, including hosiery clips and overlocks	..	7,424	..	4,256
Woollen, worsted and hair rags (knitted or woven)	..	8,556	..	3,649
Recovered wool (shoddy or mungo)	..	6,079	..	4,167
Wool noils	..	4,900	..	5,189
Broken tops of wool	..	1,754	..	1,886
Hair noils and broken tops	..	2,105	..	2,990
Tops wholly of wool, first combed				
Merino, 60's quality and above	..	57,174	..	44,146
Other (crossbred, Indian, etc.)	..	30,614	..	26,340
Tops of hair (alpaca, mohair, etc.) first combed	..	1,308	..	1,744
Tops made from man-made fibres (rayon, nylon, etc.)	..	1,804	..	14,462
Tops or slubbings, re-combed	..	1,271	..	2,129
Woollen yarn, including mixtures if known as woollen	..	9,192	..	7,018
Worsted yarn, including mixtures if known as worsted	..	50,548	..	41,487
Yarns of alpaca, mohair, cashmere and other hair	..	1,892	..	3,939
Cotton				
Raw	..	669	..	566
Waste	..	725	..	566
Yarn (including cotton waste yarn)(a)	Th.lb. 21,345	5,535	Th.lb. 12,268	3,364 557
Man-made fibres (rayon, nylon, etc.)				
Staple fibre				
Synthetic (nylon, etc.)	..	941	..	10,396
Other (rayon, etc.)	..	4,290	..	4,860
Continuous filament yarn				
Synthetic (nylon, etc.) yarn	896	290	1,148	487
Other (rayon, etc.) yarn	..	33	8,166	2,325
Spun yarn including spun yarn doubled with continuous filament yarn (b)				
Synthetic (nylon, etc.) yarn	3,881	931	2,259	1,510
Other (rayon, etc.) yarn	..	217	8,590	1,790
Soaps, detergents and other scouring materials	..	1,250	..	1,299

Continued on next page

TABLE 10 (continued)

	1954		1963	
	Quantity	Cost	Quantity	Cost
Materials for processing (continued)		£'000		£'000
Dyestuffs	..	1,848	..	3,689
Oils for processing	..	1,839	..	1,590
Lubricating oils and greases	..	..	Th.gal. 383	103
			..	33
			Th.cwt. 1.9	8
Bobbins, pirns, cones, tubes, beams, etc., except paper tubes, etc., purchased for packaging (c)	..	697	..	771
Other replacement parts for firms' own machinery, plant and vehicles, and accessories and consumable tools bought as replacement	..	6,287	..	3,996
All other materials for processing	..	4,921	..	6,745
Packaging materials				
Paper and board				
Boxes, cartons, packing cases, and drums and canisters (with or without metal ends) of paper, cardboard and fibreboard			..	773
Wrapping paper (including paper coated with plastics and any laminates incorporating paper but not metal), moulded paper units, labels and other packaging materials of paper, cardboard and fibreboard (except multiwall sacks)	..	1,312	..	900
Transparent cellulose film (including bags)			..	472
Sheet, film, foams, etc., wholly or mainly of polyethylene (including bags and lay flat tubing)			..	93
All other packaging materials			..	605
Fuel and electricity (d)	Th.tons		Th.tons	
Coal	1,146	4,264	725	3,756
Coke (including screenings) and manufactured fuel	12.6	66	4.6	35
			..	6
	Th.gal.		Th.gal.	
Derv fuel and motor spirit for use in road vehicles	2,100	434	2,081	415
Other liquid fuels (including creosote/pitch mixtures, etc., and liquefied petroleum gases)	5,044	214	16,875	708
	..	44	..	123
	Th.therms		Th.therms	
Gas	1,529	101	907	80
			..	35
	Th.kWh		Th.kWh	
Electricity	454,761	2,388	581,592	3,961
			..	879
Total cost of materials and fuel		409,279		367,120
Goods purchased for merchanting		..		22,275
Canteen purchases		..		946
Total cost of purchases		..		390,341

(a) 'Cotton waste yarn' was not specifically included in 1954.

(b) Described in 1954 as 'Yarn spun from staple fibre'.

(c) 'Paper tubes for packaging' were not specifically excluded in 1954.

(d) The total quantity of electricity generated in firms' own establishments in this industry was 133,926 Th. kWh in 1954 and 95,791 Th. kWh in 1963.

TABLE 11 Transport costs and employment of larger firms, 1963

Firms employing 25 or more persons: United Kingdom

	Unit	1963
Average number employed mainly on transport	No.	1,050
Transport costs		
Wages and salaries	£'000	712
Derv fuel and motor spirit	"	415
Payments to other organisations for transport	"	3,470
Costs of operating road goods vehicles		
Insurance	"	118
Vehicle licences	"	62
Depreciation	"	1,636
Payments to other organisations for repairs and maintenance	"	219
Total	"	6,631

TABLE 12 Payments for certain services, etc. by larger firms, 1963 (a)

Firms employing 25 or more persons: United Kingdom

	Amounts payable
Repairs and maintenance to	£'000
Buildings	1,385
Road goods vehicles	219
Plant, machinery, and other capital equipment	3,683
Insurance, licensing and depreciation of road goods vehicles (b)	1,817
Rates, excluding water rates	2,080
Hire of plant and machinery	171
Postage, telephone, telegrams and cables	1,045
Total	10,399

(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.

TABLE 13 Percentage analysis of twelve-month periods covered by returns from larger firms, 1963

Firms employing 25 or more persons:
United Kingdom

Year ended	Percentage of total number employed	Year ended	Percentage of total number employed
1963	Per cent.	1963 (contd.)	Per cent.
April (a)	4.5	November	8.3
May	1.6	December	30.7
June	5.0	1964	
July	2.1	January	3.8
August	4.1	February	4.2
September	8.7	March	22.7
October	4.2	Total	100

(a) Including returns made for twelve-month periods ended 1st to 5th April, 1964.

TABLE 14 Sales of all parts of machinery and plant by larger firms, including sales by establishments classified to other industries, 1958 and 1963

This table is not applicable to this industry.

Notes - continued from page ii

Capital Expenditure (continued)

(ii) Land and existing buildings.

The items shown are the capital cost of freeholds purchased and the capital cost or premium payable for leaseholds acquired (excluding the value of any assets acquired in taking over an existing business), and the amounts receivable for any freeholds or leaseholds disposed of. The value is that charged to capital account during the year of return.

(iii) Plant, machinery and vehicles.

The items shown are the value of plant and machinery and of vehicles acquired, both new and second-hand, and the amount received for items disposed of during the year. The value of plant and machinery acquired includes plant, etc. which firms produced for their own use in connection with the business covered by the return. The value of plant, etc. acquired is the expenditure charged to capital account during the year of return less any discounts received, but including the cost of transport and installation. No deduction is made for depreciation, amortisation or obsolescence. The proceeds of items disposed of during the year exclude amounts written off for items scrapped.

Capital expenditure during the year in respect of manufacturing establishments where production had not started before the end of the year is excluded in this report for both 1958 and 1963.

Characteristic Products

The characteristic products of a sub-division are those in terms of which the sub-division is defined. They are products commonly associated in production and are usually similar in nature or manner of production. In most cases the characteristic products of each sub-division are indicated in Table 5 of the industry reports. For those industries for which an analysis by sub-divisions has been made, Table 2 shows the total sales of such characteristic products for each sub-division. The totals include, besides the products which define the sub-division, other items of output assumed to be closely related to them, e.g. waste products and work done.

Enterprise

The term enterprise is used in this report to mean one or more firms under common ownership or control. An enterprise normally consists either of a single firm, or of a parent company together with its subsidiary companies.

Entries

The number of entries shown in Tables 5, 6 and 8 against a particular output or production heading is the number of returns on which figures were recorded for that item.

Establishment

The census was based on the establishment, comprising in most cases the whole of the premises under the same ownership or management at a particular address (e.g. a factory or mine); but firms were asked to exclude from all sections of their returns particulars relating to any department not engaged in production for which they kept a separate set of accounts. Where separate accounts were not kept, they were asked to include merchanting or factoring, canteens operated by them and other

ancillary activities such as bottling, packing and the manufacture of containers for packing their own products, whether or not these activities are carried on at the same address as the works. Building and engineering maintenance departments and selling and transport departments were treated similarly.

Gross Output

The gross output of an industry is the aggregate value of goods made and other work done during the year by the establishments classified to the industry. It is derived by subtracting from the value of sales and work done, the value of stocks of goods on hand for sale and work in progress at the beginning of the year and adding the value at the end of the year.

Larger Firms

These are firms in which twenty-five or more persons were employed on the average during the year.

Net Output

The net output of an industry represents the value added to materials by the process of production. It includes the gross margin on any merchanted or factored goods sold; it constitutes the fund from which wages, salaries, insurance, pensions, hire of plant and machinery, payments for repairs and maintenance, costs of operating road vehicles, rents, rates and taxes, advertising and other selling expenses and all other similar charges have to be met, as well as depreciation and profits. There is no appreciable duplication in net output. Net output has been obtained by deducting from the gross output the cost of purchases adjusted for stock changes, payments for work given out to other firms, and payments for transport.

Normally any customs or excise duty on materials purchased is included in the cost of materials. Similarly, finished goods sold have been valued as they were sold, duty paid or duty free. The amounts of duty, subsidies, allowances and levies receivable or payable, where of substantial importance in the industry, were required to be stated separately, and these items were taken into account when calculating net output.

Net output per person employed

The figures for net output per person employed are derived by dividing the net output by the average number of persons employed (full-time and part-time) on all activities covered by the returns, including operatives, administrative, technical and clerical employees and working proprietors, but excluding outworkers.

Principal Products

The principal products of an industry are those in terms of which the industry is defined. They are products commonly associated in production, and are usually similar in nature or manner of production.

Production

This means the total quantity of a product made during the year, whether sold in the year, added to stock, transferred to another department of the same firm, or used in the manufacture of other products within the business covered by the return. It includes goods produced from materials supplied by other firms.

Purchases

Purchases include the cost of materials and components bought for use in production; of fuel and electricity for all purposes; of packing materials, including the full cost of returnable cases and containers when first purchased; of workshop materials, office materials and materials for repairs to firms' own buildings, plant and vehicles when carried out by their own workpeople included in the return; of consumable tools; and of parts for machinery purchased during the year as replacements. Water charges are also included. In general purchases of goods for merchanting or factoring and canteen supplies are included. Materials supplied by customers for processing are excluded.

The values shown include any duty paid (less rebate, etc.) but exclude trade discounts allowed. The cost of transport is included only if included in the cost of materials as invoiced; amounts paid to transport organisations, including firms' own separate transport organisations, for delivery of materials and fuel are, therefore, excluded. Materials purchased overseas are included at their c.i.f. cost plus any duty payable if the cost of transport from the docks was not included in the invoiced price, but at their full delivered cost if invoiced 'carriage paid home'. Materials and fuel transferred from another department of the firm not covered by the same return are included at the estimated selling value recorded by the other department.

Sales

Sales are in respect of goods made by the business covered by the return, goods made for it by outworkers or by other firms from materials given out to them (sometimes described as goods made on commission) and waste products. Any machinery or other capital items produced for use in the business covered by the return are included, the value being that adopted in the firm's capital asset account. Goods sold without being subjected to any manufacturing process (merchanted or factored) and canteen takings are included as in 1958.

The value shown for sales is the net selling value, defined as the amount charged to customers whether on an ex-works or delivered basis, net of any trade discounts, agents' commissions, allowances for returnable cases, purchase tax, etc.; the net amount charged for packing materials is included. Goods charged on a delivered basis to customers overseas are included at the f.o.b. value. For work done on commission or for the trade the value shown is the net amount charged.

Where goods produced in one department were transferred to another department of the same firm not covered by the return, these transfers were treated as sales by the producing department and valued as far as possible as if they had been sold to an independent purchaser. Goods transferred to wholesale or retail selling organisations for which separate accounts were kept were valued on the same basis. Estimations of a similar kind were also sometimes necessary in valuing transfers between different firms belonging to the same enterprise. To the extent that the sales of finished products of one establishment may constitute the materials purchased by another, total figures of the value of sales (and of materials and fuel purchased) include an element of duplication.

Services rendered

This represents the amounts charged for hiring out plant, machinery and other goods, providing transport, or for any technical or other

services rendered to other organisations. It includes amounts credited for similar services rendered to other departments of the same firm not covered by the return.

Small Firms

These are firms in which fewer than twenty-five persons were employed on the average during the year.

Stocks and Work in Progress

Values are given of stocks of goods on hand for sale, and of materials and fuel, at the beginning and end of the year of return, including any stocks of goods held for merchanting or factoring. The values include duty in the case of dutiable goods held out of bond. The value of work in progress at the two dates is also usually shown. This excludes any progress payments made to sub-contractors, and no deduction is made on account of progress payments received.

Transport Payments

These represent the total amount paid or credited during the year for both outwards transport of finished goods sold and inwards transport of materials and fuel purchased. They include payments to other firms, and to any separate transport organisation of the same firm, not covered by the return, but exclude the value of transport services provided by the business covered by the return. The items included are payments for hired cartage and for inwards and outwards carriage by all forms of inland transport, i.e. railways, road haulage, canals, coast-wise shipping, air, etc. Payments made for sea freight on goods sold to customers overseas and on materials and fuel purchased from overseas suppliers are excluded.

Wages and Salaries

These are the amounts paid during the year to operatives and to administrative, technical and clerical employees. Payments to working proprietors, whether called salaries or not, are excluded; in Northern Ireland this exclusion extends also to payments to directors of limited companies. The values shown include all overtime payments, bonuses and commissions, whether paid regularly or not, and no deduction is made for income tax, insurances, contributory pensions, etc. The value of any payments in kind, travelling expenses, lodging allowances, etc. and employers' contributions to National Insurance and pension schemes is excluded.

Work given out

The figures shown represent the total amount paid for work done by other firms on materials supplied to them, and also by firms' own establishments for which separate returns were made. They do not include payments to individual outworkers or payments for business and other services.

Symbols used

The following symbols are used throughout the report:

- .. Not available
- Nil or negligible (less than half the final digit shown)
- * Figures cannot be shown owing to the risk of disclosing information about individual enterprises.

Rounding of Figures

The figures in the tables have, where necessary, been rounded to the nearest final digit. There may, therefore, be apparent slight discrepancies between the sums of the constituent items and the totals shown.

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