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 (including tops of man-made fibre) and carded sliver, converting tow to tops without combing; processing of laps and noils and other soft waste; spinning of yarns on the worsted systems and weaving worsted fabrics of such yarns; spinning woollen yarn on the woollen system, weaving woollen fabric of such yarns and making-up blankets, travelling rugs, etc of woollen yarns; manufacturing mungo and shoddy from woollen and worsted fabric waste and processing hard waste 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 needleloom felt are excluded.

This industry corresponds to minimum list heading 414 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 Woollen and Worsted Industry (Part 78) in the Reports on the last detailed Census of Production for 1963 except that the sorting and cleaning of woollen, worsted and hair rags and waste formerly shown in this industry are now out of scope of the Census.

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.

# TREATMENT OF FABRICS BACKED WITH PLASTIC FOAM AND FABRIC TO FABRIC BONDED MATERIALS

Fabrics backed with plastic foam and fabric to fabric bonded materials are shown as principal products of the same industry as the main fabric rather than the material used for the backing or bonding. Thus, knitted fabrics backed with plastic foam and knitted fabric to fabric bonded materials are shown in Table 5 of the report on the Hosiery and Other Knitted Goods Industry (Part 104), and the corresponding table of this report and the report on the Weaving of Cotton, Linen and Man-made Fibres Industry (Part 100) show respectively sales of woollen or worsted fabrics backed with plastic foam and woollen and worsted fabric to fabric bonded materials; and sales of cotton fabrics backed with plastic foam and cotton fabric to fabric bonded materials. Total sales of all fabrics backed with plastic foam, fabric to fabric bonded materials and finished cloth of cotton, linen and man-made fibres, reported in the census, together with those reported by merchant convertors 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 100).

Sales of fabrics backed with plastic foam and fabric to fabric bonded materials were not taken into account in classifying returns to the three textile industries in which they are shown.

The foambacking of fabric on commission and fabric to fabric bonding on commission were classified to the Textile Finishing Industry (Part 110).

#### METHOD OF CLASSIFICATION

The classification of returns to this industry followed the standard procedure as outlined in the notes on page (i) except for the special treatment of fabrics backed with plastic foam and fabric to fabric bonded materials 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' were transferred to the sub-division 'Top makers' if the firms reported 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 (i) to (iv).

TABLE 1Industry summary, 1963 and 1968United Kingdom (a) (b)

		Unit	All esta	ablishments
	Anne admin	Unit	1963	1968
Number of enterprises	drass output output per h	No.	1,191	965
Number of establishments		n Naria III III III III III III III III III I	1,706	1,439
Gross output		£`000	616,744	581,960
Net output		11	185,410	200,315
Net output per head		£	1,047	1,415
	f goods produced and work done (c	000.3 (	581,967	558,634
Sales and work done	amerchanted goods and canteen ta	kings "	28,128	18,830
	∫ materials for use in production ∫ packaging and fuel	and "	382,185	331,798
Purchases	goods for merchanting and cante purchases	en "	26,357	17,260
	for work done on materials give	n out "	31,925	32,888
	for transport		a de construir de la	00.000
rayments to other	by road	н		3,168
	by rail and other means exclu postal services	ding "	3,632	872
Stocks and work in progr	ss 1 (34812,002 (64066,168 148,1	64 ·	-	(and)
Total stocks and work	n [ change during year	II.	+ 19,414	+ 8,839
progress	at end of year	н	180,366	165,737
	change during year		+ 1,176	+ 650
Goods on hand for sale	at end of year	н	46,554	52,109
	change during year		+ 5,472	+ 3,847
Work in progress	at end of year	н	44,035	43,375
	6		and the second sec	and the second second
Materials, stores and	fuel { change during year		+ 12,766	+ 4,342
	l at end of year	1	89,777	70,253
	total, including working propri	Party in the first period of the constraints	177.1	141.6
Number employed on avera during the year	ge operatives	a de la come	156.2	122.7
	l other employees (d)	a solatori a soletti	19.6	17.9
Warne and and and and	∫ of operatives	£`000	78,734	87,270
Wages and salaries	of other employees (d)	n	19,019	22,092
Capital expenditure (e)			and and a bard of	-1
Total		a see and a see a	13,079	15,575
New building work		п	2,247	2,235
Land and existing buil		п	- 17	- 207
Plant and machinery (		and the set of	10,086	12,682
Vehicles (f)	L.I. SOT DAG ( MD DITTAL MAIL		764	864

(a) For 1968, estimates for establishments not making satisfactory returns and for small establishments, from which only employment data were collected, accounted for 5 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 4 per cent. and 1 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	642	586	
Average number employed:			
Working proprietors	828	579	
Other persons employed	6,030	5,782	
Footnotes continued on page $101/2$ .			

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Sales of fabrics backed with plastic fone and fabric to fabric b which materials' were not taken fute account in classifying returns to the three testils industries in which they are shown.

the toarmacking of fabric on commission and fabric to fabric bird (for on completion were classified to the Textile Finishing Industry (Part 1109

METHOD OF CLASSIFFCATION

The classification of returns to this industry followed the standard proceeders as outlined in the notes on page (i) except for the and is inclusion of fabrics backed sith plastic loss and fabric to there to there to the industry 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' were transferred to the sub-division' for ascers' if the first reported that they did not own or 'po-cease tops of altohidys on their component that reported that they did not own or 'po-cease tops of altohidys on their

### Footnotes continued from page 101/3.

(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 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- men'ts	Enter- prises (b)	Total number employed on average during the year (a)	Gross output	Net output	Net output per head
The state of the state of the state	Number	Number	Number	£'000	£'000	£
1-5	142	138	435	•••		
6-10	147	142	1,169			··· butarit Albed 1 Meh
11-24	257	240	4,452	and south and	aporte spisoa	and work done
25-49	168	144	6,362	37,614	9,079	1,427
50-99	218	179	16,148	71,837	21,890	1,356
100-199	236	174	33,605	128,611	47,330	1,408
200-299	103	77	24,254	96,563	34,822	1,436
300-399	53	41	17,929	77,405	26,229	1,463
400-499	25	20	11,227	39,353	15,281	1,361
500-749	15	12	8,699	37,163	13,397	1,540
750-999	6	6	5,401	19,459	7,065	1,308
1,000 and over	6	4	9,995	39,032	13,994	1,400
Unsatisfactory returns	63	59	1,915	en redie be		0182
Total	1,439	965	141,591	581,960(c)	200,315(c)	1,415(c)

## (ii) Employees, wages and salaries

All establishments: United Kingdom

the state of the s	S. M. L. Strategy and	and the stand stranger of	A REAL WAR	the state of the state of the state of the	a second a second of		
Number employed on average during the	Emplo	yees	Wages and	salaries	Wages and per	salaries head	Rateri al s., stores musica
year by the establishment (a)	Oper- atives	Others (d)	Oper- atives	Others (d)	Oper- atives	Others (d)	a un beyeigne rada ring the year
6.51' S.M.	Number	Number	£'000	£'000	£	£	
1-5					of. operat		
6-10				anore i em	secto. in		
11-24							
25-49	5,384	883	3,807	1,179	707	1,335	
50-99	14,101	1,912	9,552	2,448	677	1,280	
100-199	29,631	3,857	20,740	4,783	700	1,240	
200-299	21,150	3,064	15,429	3,806	730	1,242	
300-399	15,584	2,338	11,192	3,091	718	1,322	
400-499	9,537	1,690	6,703	1,946	703	1,152	
500-749	7,658	1,035	5,591	1,212	730	1,171	
750-999	4,722	679	3,073	807	651	1,188	
1,000 and over	8,519	1,475	6,621	1,647	777	1,116	
Unsatisfactory returns		190008, 2011	factory rat	ei laamel	11 10bel	10010000	
Total	122,716(c)	17,882(c)	87,270(c)	22,092(c)	711(c)	1,235(c	(he comparable (b) The following (

(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.

Footnotes continued on page 101/2

# TABLE 3Percentage analysis of employees, by age and<br/>sex, 1969 (a)

All establishments: United Kingdo

		A1 1	establishments:	United Kingdom	
	difference in the	Ages	Males	Fem al es	All employees
	miles enti-		Per cent.	Per cent.	Per cent.
		Under 18	3	4	7
		18 and over	49	44	93
		18 and over			
		All ages	52	48	100
	18 96	, cold	Sec	ource: Departme	nt of Employment
				editeration and in the second	the bearing to consider?
		00051116			the first short
		(a) The percen working pr	tages relate to oprietors) at Ju	the numbers emp ine 1969, the ea	loyed (excluding rliest date for
880,884		which the	information is a ndustrial Classi	available on the	basis of the
					and a second second second
		Footnotes to T			
		included	olishments employ in returns for la to 61 establishme	arger establish	nents. These
		(b) The method	l of classifying is explained in	returns to sub- the notes; the	-divisions of the characteristic
			of each sub-divides tablishments		
		on commiss	sion such establ	ishments being (	classified to the ng and other work
		(d) Including	establishments it, and give it	which purchase out to be combe	wool, sort, blend, d on commission.
		(e) The figure	es shown in this	sub-division f	or 1963 and 1968
	10 - 803	are not s	trictly comparab	le as the sort in	ng and cleaning
	5621 (277	of woolle of the Ce	n, worsted and h nsus for 1968 bu	t were not excl	uded for 1963.
		(f) The sum o	f the figures fo	r the sub-divis	ions exceeds the
		made retu	the industry to rns for more tha	n one sub-divis	ion.
		(g) Including	services render charged for hiri	ed to other org	anisations achinery or other
		goods, fo	r providing tran	sport, or for t	echnical or other
			rendered).	cluding canteen	takings) made to,
		and work	done for, the ge	neral public by	larger establish-
		ments are	included. The nformation is no	se amounted to	£947,000 in 1968.
			istic products r		
		the indus	try.		
		sales of	ivisions of the characteristic p and work done.	industry, this products to tota For the indust	l sales of goods
		this is t	he ratio of tota	al sales of prin	cipal products by
		the indus done.	try to total sal	es of goods pro	aucea and work
			ative, technical	and clerical e	mployees.
		(1) Excluding	expenditure for		
		productio		le	
		(m) Acquisiti	ons less dispose	118.	

# TABLE 4 Analysis of larger establishments, 1963 and 1968

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

						· · ·	100	Water part and 1	A BROYBLESS		and the second second	La contra de la co		and the second se	-
			Sub-	divisions of	the indust	ry (b)		Secondary June Se	rimitmi-heil	Sub-divis:	ions of the in	ndustry (b)			
		a ak Gynen		Wool sorting and combing			Wool sorting and combing	, cleaning etc and topmaking	Wa	orsted spinn	ing	Worsted w	weaving (c)	Wool r	recovery
		Unit	blend	sorted, ed, etc 11	Top ma	akers (d) 12	Cor	nbers , u + <sup>(7</sup> 13		sted yarns 20	Spun, semi- worsted yarns 70		sted fabric 30	or mungo) a hair rags (dyed, a	wool (shoddy and wool and s and waste etc) (e) 40
		warms 1.14	1963	1968	1963	1968	1963	1968	1963	1968	1968	1963	1968	1963	1968
Number of enterprises (f)	a succession and the second	No.	21	18	20	14	41	25	133	94	4	130	83	27	16
Number of establishments		H H	38	29	30	19	83	46	230	184	4	229	171	33	20
Gross output		£'000	23,107	16,035	67,665	57,808	62,855	47,684	159,519	146,597	3,154	95,969	85,962	8,820	3,549
Net output		н	5,296	2,693	3,224	5,605	19,314	14,784	45,811	48,203	1,252	32,227	32,999	2,112	1,232
Net output per head	ath the standard at a	£	1,986	2,065	2,198	3,336	1,323	1,913	. 934	1,206	1,188	930	1,370	1,170	1,446
Sales and work done	goods produced and work done (g) (h)	£'000	15,287	12,470	61,269	49,189	59,514	46,201	155,032	144,726	3,166	94,061	84,149	4,651	3,263
	merchanted goods and canteen takings	п	7,175	3,391	5,744	7,865	3,005	1,763	2,371	913	39	1,744	1,352	4,018	277
Sales of characteristic p	roducts		11,491	11,010	56,839	46,697	51,162	40,371	138,635	122,810	3,078	78,583	72,683	3,816	2,811
Index of specialisation (		Per cent.	75	88	93	95	86	87	89	85	97	84	86	82	86
Purchases	materials for use in production and packaging, and fuel	£'000	10,983	9,131	53,722	38,092	41,162	27,265	106,893	91,252	1,761	55,087	45,835	3,391	2,064
r than 25 performs sources ablichments. These	goods for merchanting and canteen purchases	apois "(A)	6,794	3,073	6,394	7,424	3,031	1,623	1,692	868	34	1,627	1,236	3,115	149
	for work done on materials given out	ador "	481	714	6,547	6,367	2,306	1,555	5,972	7,144	45	7,347	6,538	156	63
Payments to other organisations	for transport by road	boaq "	h	[ 190	h	320	1	273		754	h	assa rind to i	315	h	24
	by rail and other means excluding postal services	addaladda 	} 153 ·	37	496	6	233	5	> 907 <	413	> 13	347 <	34	124	11
Stocks and work in progres	Without the second se	napril suit a	μ	0 01	]		1 195 -		11686 +	415		1 139%		D C	
Goods on hand for sale	∫ change during year	n 1992	+ 639	+ 160	+ 208	+ 556	- 274	- 290	+ 510	+ 395	- 75	- 733	- 446	+ 142	+ 12
Goods on hand for sale	lat end of year	"	1,813	2,016	4,028	6,146	4,224	4,287	10,708	10,154	211	12,306	11,807	780	268
Work in progress	∫ change during year	"	+ 6	+ 13	+ 442	+ 199	+ 610	+ 11	+ 1,606	+ 563	+ 25	+ 896	+ 907	+ 9	- 4
work in progress	Lat end of year	"	277	415	2,466	2,529	2,770	967	12,993	11,124	261	10,635	9,928	127	78
Materials, stores	∫ change during year	"	+ 599	- 197	+ 2,719	+ 5	+ 3,191	- 2,180	+ 1,755	+ 2,038	- 48	+ 666	+ 996	+ 78	- 5
and fuel	at end of year	п	2,787	803	15,418	8,651	13,124	5,309	18,475	16,893	607	11,137	9,715	674	561
	total including working proprietors	No.	2,667	1,304	1,467	1,680	14,597	7,730	49,063	39,963	1,054	34,659	24,093	1,805	852
Number employed on average during the year	operatives	"	2,228	1,004	1,069	1,000	13,180	6,919	43,769	34,811	923	30,662	20,992	1,507	715
	other employees (k)	п	429	283	372	452	1,408	807	5,200	5,084	128	3,923	3,036	263	119
	f of operatives	£'000	1,264	917	783	1,044	8,493	6,530	19,234	22,753	595	15,142	14,486	759	510
Wages and salaries	of other employees (k)		486	390	488	665	1,497	1,077	4,784	5,749	141	3,859	3,774	269	185
to for 1964-and	[ operatives	£	567	912	732	860	644	944	439	654	644	494	690	504	713
Wages and salaries per head	other employees (k)	"	1,133	1,376	1,311	1,472	1,064	1,335	920	1,131	1,098	984	1,243	1,024	1,556
Capital expenditure (1)	estimated and to account the day	17 6 Ben Call 9 11			-									(1) 222	altai aspendit
New building work		£'000	1	9	9	4	147	85	686	310	1	585	352	17	21
Land and existing	∫ acquisitions	п	-	1	h	-	1	h d	179	105	-	51	16	- 201	2
buildings	disposals		20	inducir <u>e</u> to	- 7 (m)	-	31	} 22 (m)	61	222	-	318	232	13	-
Toat day in the start	∫ acquisitions	alla n di	106	86	31	48	1,190	1,032	3,633	4,313	h	1,634	1,455	66	51
Plant and machinery	disposals	(1995) <b>n</b>	13	3	4	1	198	67	167	321	} 124(m)	70	126	8	3
extent commute as	∫ acquisit ions	n and	61	43	60	72	105	89	256	395	7	178	202	68	32
Vehicles	disposals		23	14	20	34	28	37	110	177	3	66	70	25	12

.

TABLE 4 (continued)

·			Sub-	divisions of	the industr	y (b)	-		Sub-d:	ivisions of	the industr	ý (b)				
		To ano!	a the second second second		g and weaving		Wooll	en spinnin	g and weavi	ng (c)		and a second second	Winding an	nd warping,	Т	otal
		Unit	Spun woo	llen yarns	Woven wooll travelling	en blankets	woollen	woven fabrics 3	and wo	cal cloths wen felt 54	Classification of the second s	ed felt 60	weaving work	and other done 55		
		- dungB	1963	1968	1963	1968	1963	1968	1963	1968	1963	1968	1963	1968	1963	1968
Number of enterprises (f)		No.	83	80	32	24	162	135	8	6	5	7	48	44	630	480
Number of establishments		н	108	108	53	39	237	200	9	6	11	16	56	49	1,117	891
Gross output		£'000	62,399	72,001	17,650	14,475	79,764	87,087	4,734	3,900	4,249	9,555	3,165	4,995	589,895	552,803
Net output		"	19,174	24,792	7,117	6,582	36,443	41,507	2,241	2,332	1,984	4,825	2,397	3,473	177,339	190,279
Net output per head		£	1,323	1,717	1,001	1,393	984	1,301	1,274	2,144	1,532	1,925	697	1,100	1,047	1,415
	(goods produced and work done (g) (h)	£'000	60,522	70,046	17,016	14,237	77,912	85,659	4,273	3,775	3,969	9,102	3,127	4,662	556,632	530,645
Sales and work done	merchanted goods and canteen takings	н	1,109	550	144	92	840	610	490	187	240	515	23	332	26,903	17,886
Sales of characteristic p		п	53,066	64,638	12,726	11,853	68,531	74,606	4,020	2,018	3,295	5,025	2,696	3,593	(i)	(i)
Index of specialisation (		Per	88	92	75	83	88	87	94	53	83	55	86	77	98	97
Index of specialisation (	(materials for use in	cent.	018,957	138,625	125999	1270010	8	5 5		e	17	6,3	and the last		onchowise	
Purchases	production and packaging, and fuel	£'000	41,206	45,408	9,828	7,193	38,735	40,626	1,911	1,383	2,014	4,180	615	983	365,548	315,174
	goods for merchanting and canteen purchases		994	455	137	102	706	500	448	198	248	470	24	263	25,210	16,396
	for work done on materials given out	н	1,881	2,859	812	456	4,690	5,237	161	60	51	21	130	180	30,534	31,241
Payments to other organisations	by transport by road	п	100,000	330		149	573	548	22	12	51	64	12	62	3,473 <	3,009
	by rail and other means excluding postal services	н	372	75		65		128	}	2		6		02	0,110	829
Stocks and work in progre	88		10.24	11	5		+ 00	15	10	- 48	+ 10	- 83	+ 17	+ 4	+ 1,125	+ 617
Goods on hand for sale	∫change during year	"	+ 333	+ 383	+ 208	+ 64	+ 82	- 15 8,151	- 19 423	- 48 274	+ 10 272	627	35	128	44,527	49,498
GOODS ON MAIN TOT BATE	at end of year		2,348	3,385	1,858	2,044	+ 930	+ 833		- 13	+ 30	+ 21	bun wald	- 3	+ 5,234	+ 3,654
Work in progress	∫ change during year	1111	+ 435	+1,022	+ 282	+ 82	7,691	9,628	- 10 401	198	91	491	- 2	70	42,118	41,202
HOIK III PIOGIESS	lat end of year	"	3,312	4,345	1,301	1,169	+1,384	+ 1,460	+ 49	+ 88	+ 98	+ 11	+ 13	- 34	+12,210	+ 4,125
Materials, stores and fuel	{change during year	105 H	+ 1,229	+1,917	+ 429	+ 73	11,626	12,292	620	665	640	1,304	59	168	85,868	66,733
and fuel	lat end of year	100 H CT	8,945	8,191	2,364	1,575		12,202	020	000	010	1,001		100		
	[total, including working proprietors	No.	14,498	14,442	7,110	4,725	37,037	31,903	1,759	1,088	1,295	2,506	3,440	3,157	169,397	134,497
Number employed on average during the year	operatives	100 m	12,869	12,742	6,365	4,172	32,758	27,711	1,504	943	1,023	2,029	3,175	2,858	150,109	117,034
	other employees (k)	. 523	1,573	1,626	729	544	4,218	4,110	255	142	269	473	220	250	18,859	17,054
	[of operatives	£'000	6,623	9,392	3,169	3,000	17,074	19,481	817	711	670	1,706	1,625	2,105	75,652	83,229
Wages and salaries	of other employees (k)	"	1,485	2,140	667	729	4,061	5,067	264	264	242	604	179	284	18,281	21,069
Wages and salaries	∫ operatives	£	515	737	498	719	521	703	543	754	655	841	512	737	504	711
per head	other employees (k)	п	944	1,316	915	1,340	963	1,233	1,034	1,859	899	1,276	814	1,138	969	1,235
Capital expenditure (1) New building work		£'000	292	· 701	101	256	198	304	61	27	28	23	25	30	2,149	2,123
Land and existing	∫acquisitions	"	275	123	2	-	183	85	5	1 1 1 1 1 - L	9	20	} - 3 (m)	22 (m)	722	401
Land and existing buildings	disposals	"	43	16	16	36	193	87		-	14	-			739	597
Direct and much immediate	∫ acquisitions	"	1,266	2,074	371	417	1,581	2,255	207	203 (m)	89	302	161	583	10,336	12,961
Plant and machinery	disposals	• • 124	103	121	7	9	91	99	2	P	19	15	7	130	689	914
Vahialaa	∫acquisitions	"	156	183	42	42	213	224	15	27	30	74	17	33	1,200	1,424
Vehicles	disposals	"	66	011 85	15	17	84	86	11	8	13	51	8	10	469	603

For notes to this table - see page 101/5.

#### WOOLLEN AND WORSTED 101/10

# 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	This is preses	19	63	toto leotos	1968		
sub- division (a)		Quantity	Value	Quantity	Value	Enter- prises	Entries
	PREPARATORY PROCESSES	Th.lb.	£'000	Th.lb.	£'000	Number	Number
11	Wool and other animal hair sorted, blended, scoured or carbonised but not otherwise treated	1			5 4 5 6	10.75.1	1989
and the second	Wool, sorted or blended, not scoured	31,642	7,916	29,467	5,141	29	37
Contraction of	Wool scoured		8,989 {	27,647	6,958 1,875	28	34
	Wool and wool by-products carbonised	2,726	645	2,652	709	7	8
	Other animal hair (mohair, cash- mere, angora, etc)	2,755	960	3,957	1,350	12	15
40	Woollen, worsted and hair rags carbonised, etc	6,316	748		65	5	6
40	Recovered wool (shoddy or mungo)	39,984	3,502	25,222	2,584	26	29
12,13	Tops or slubbings, first combed	-		al lane	5 B.	Ha 11	806
	Of wool						
	0il combed	12 1 1 1 1	1.5.641		at	5.8	0.000
	Merino, 60's quality and above	78,073	36,697	54,171	23,814	21	23
	Other wool, above 50's to 58's	43,971	17,293	29,775	10,010	22	26
	Other wool, 50's and below	26,776	8,866	19,790	5,000	16	19
	Dry combed	100			24	1.8	BERL B
	Merino, 60's quality and above	29,077	14,056	27,086	12,021	17	20
	Other wool, above 50's to 58's	4,286	1,764	4,852	1,685	14	16
	Other wool, 50's and below	1,344	441	3,503	899	9	11
	Of other materials	main la p			and I have	and the	
	Wholly of animal hair (alpaca, mohair, etc)	10,634	7,042	10,337	8,047	10	13
4-07,51 (005,108	Wholly of man-made fibres (nylon, rayon, etc)	21,673	5,973(b)	6,470	2,206	12	13
	Total tops or slubbings, first combed	215,833	92,131	155,983	63,683		
12,13	Tops produced on Pacific converters, turbo-staplers and similar machines	972,7  * 9	(c)	35,595	9,175	7	9
12,13	Tops or slubbings, re-combed	9,230	5,478	14,075	7,452	11	16
12,13	Carded sliver (not for subsequent combing)		(d) {	1,178	300 416	} 10	10
12,13	Noils	001			100 1	Jes. cl	198.1
Last Los	0il combed	18,764	3,911	16,389	3,662	46	62
	Dry combed	5,181	976	4,163	886	22	26
	Combers' shoddy, burrs, etc	9,829	675	9,369	586	34	44

WOOLLEN AND WORSTED 101/11

# TABLE 5 (continued)

Industry sub-	8901 FR01	19	963	Instruction and Mar	1968		toule l
division (a)	Talibo Quantity Villio Lan	Quantity	Value	Quantity	Value	Enter- prises	Entries
	SPINNING	Th.lb.	£'000	Th.lb.	£'000	Number	Number
	Yarn, other than for carpets and rugs or for hand-knitting			fast) stan	enit)ind-br	1	
51	Woollen (carded only)	1	Citera es	anan ina	and dontroom		-
	All wool	28,475	13,653	32,956	18,919	62	75
	Mixtures containing wool	11,515	4,558	5,770	2,507	37	40
	Of man-made fibres (nylon, rayon, etc) spun on the woollen system	888,8 873			and the following		
	Synthetic (nylon, etc)	1,999	772	3,196	1,252	16	18
	Other (rayon, etc)	1,664	395	1,144	242	8	8
	Of cashmere spun on the woollen system	938	3,024(e)	1,291	4,251	11	13
si lo	Of other hair or of mixtures	21,625			THE MEAN PARTY	114	130
	containing hair spun on the woollen system		(f)	811	852	7	9
20	Worsted (combed)		torat, allo	as house i wa	n , windelf		1.00
	All wool	107,416	70,225	72,883	50,739	88	115
	Mixtures containing wool	22,771	16,762	29,966	20,900	63	79
	Of man-made fibres (nylon, rayon, etc) spun on the worsted system	- 69.75	40,800	101, 1916 13010101000	nees Yib		
	Synthetic (nylon, etc)	18,412	13,931	35,095	21,190	34	47
	Other (rayon, etc)	13,889	528 {	469	267	] 11	11
1000 1 2	31, 743   305,295, appr 245,402r	manan	020 L	y low helizon	85	5 11	189
	Of mohair spun on the worsted system	9,640	6,904(g)	3,417	3,441	15	18
	Of other hair or of mixtures containing hair spun on the worsted system			{ 4,012	3,141 24	} 15	21
70	Semi-worsted (processed from carded sliver) of wool, mixtures containing wool or of man-made fibres (nylon, rayon,etc) spun on the semi-worsted system	100 pd. 510	(d)	4,936	2,502	6	6
	Hand-knitting yarn (including mending yarn)		bay to:	yarn of			
51	Woollen (carded only)	12,88	Mary on	and bright and a			
in the	All wool	360,402	bino hadas	ta Batanewa			
	In skeins, balls and the like for retail sale	5,139	4,525	4,617	4,188	18	20
	Other	549	302	405	247 109	} 9	9
		70.080	L'AND AND AND AND AND AND AND AND AND AND			)	
	Mixtures containing wool Of man-made fibres (nylon,	601	419	729	582	10	10
11	rayon, etc) and mohair, cashmere, angora, etc	2,133	2,645(h)	760	1,021	*	5
20	Worsted (combed)				arend		
	All wool	and start	6.235	14,638	with State 14	17	
-	In skeins, balls and the like for retail sale	26,310	20,221	12,902	10,221	25	26
	Other	8,281	4,597	2,756	1,369	13	16

### 101/12 WOOLLEN AND WORSTED

TABLE 5 (continued)

Indu 1963 1968 Industry SI sub-division Enterdivi Entries Value Value Quantity Quantity prises (a) Th.lb. £'000 Number Number Th.lb. £'000 SPINNING (continued) Hand-knitting yarn (including mending yarn) (continued) Worsted (combed) (continued) 20 Mixtures containing wool In skeins, balls and the 21 5,984 3,358 20 5,895 3,816 like for retail sale 151 10 11 337 472 277 Other Of man-made fibres (nylon, rayon, etc) Synthetic (nylon, etc) In skeins, balls and the 27 26 8,085 4,163 3,848 9,446 like for retail sale 12 806 10 1,654 Other 1,278 819 < 7 7 772 795 Other (rayon, etc) \* \* (i) 28.7 65 Mohair, cashmere, angora, etc ... 70 Semi-worsted (processed from carded sliver) 347 547 All wool (d) ... 686 1,135 Mixtures containing wool Carpet and rug yarn All wool or mixtures containing wool 52 34,102 44 103,291 96,575 31,743 Woollen (carded only) 51 14 13 2,111 3,943 1,655 Worsted (combed) . . 20 Semi-worsted (processed from 70 406 (d) 1,178 carded sliver) .. Of hair or mixtures containing 20,51,70 hair spun on the woollen, worsted 267 7 8 670 or semi-worsted systems 565 1,336 Of man-made fibres spun on the 14,931 3,966 woollen, worsted or semi-worsted 22 27 4,752 969 596 ... systems Total yarn of wool and hair (including yarn of man-made fibres spun on 359,887 202,497 207,048 360,402 the woollen, worsted and .. ... 2,638 814 semi-worsted systems) .. ... MANUFACTURES OF WOOL (excluding fabrics backed with plastic foam and fabric to fabric bonded materials) Fabrics, not being pile fabrics or 30 chenille fabrics, wholly or mainly of Th.sq.yds. Th.sq.yds 11 11 2.862 3,247 1,710 1,659 Mohair 9 389 660 492 8 Cashmere 205 Angora 56 \* 34.1 648 585 8 Other hair 986 983 30 Damasks, tapestries, brocades and \* 341 500 551 the like ... 4,522 3,542 1,848 2,056 Plushes and other pile fabrics and 30 12 11 574 616 chenille fabrics ..

WOOLLEN AND WORSTED 101/13

### TABLE 5 (continued)

ustry ub-		19	63		1968		
ision (a)	Value Quartity Value or	Quantity	Value	Quantity	Value	Enter- prises	Entries
	MANUFACTURES OF WOOL (excluding fabrics backed with plastic foam and fabric to fabric bonded materials) (continued)	Th.sq.yds.	£'000	Th.sq.yds.	£,000	Number	Number
54	Mechanical cloth (other than woven felt)	1,481	$\substack{1,503\\430}$	1,015	1,025 977	} 14	15
30	Inter-linings (including hair inter-linings)	8,647	2,018 290	7,678	2,047	8	8
53	Bunting		(d)	508	138	*	*
53	Other woven woollen fabrics	are e		and the second	and a standard	1.300 11	112
	Containing 90 per cent. or more wool	575			8,187		150
-	Weighing 16 oz. and over to the square yard	14,189	8,680	14,677	10,575	78	96
	Weighing 12 and under 16 oz. to the square yard	21,827	13,328	25,412	16,621	114	136
	Weighing 8 and under 12 oz. to the square yard	30,668	16,250	24,594	14,346	105	129
	Weighing under 8 oz. to the square yard	16,063	5,582	17,117	6,548	64	74
	Total other woven woollen fabrics containing 90 per cent. or more wool	82,747	43,840	81,800	48,090		
	Containing less than 90 per cent. wool			iko bra tere Titig bering	nd Bale rola Non-strain		
	Weighing 16 oz. and over to the square yard	13,889	5,791	11,942	5,711	57	66
	Weighing 12 and under 16 oz. to the square yard	23,155	9,230	19,662	9,480	73	84
	Weighing 8 and under 12 oz. to the square yard	31,128	10,783	23,379	10,147	76	84
	Weighing under 8 oz. to the square yard	15,345	5,499	13,721	5,241	45	46
	Total other woven woollen fabrics containing less than 90 per cent. wool	83,516	31,302	68,703	30,579	610 80	\$8. 
0	Other woven worsted fabrics			THE FALL INTER	errytonan	- Section -	
	Containing 90 per cent. or more wool	hpened Terr		nili kiebea-g	n da pand	1918 (5)	528
	Weighing 12 oz. and over to the square yard	12,265	10,003	14,351	12,920	57	70
	Weighing 8 and under 12 oz. to the square yard	46,719	38,838	30,734	28,260	89	111
	Weighing under 8 oz. to the square yard	11,300	8,548	10,090	9,075	66	84
2. Charles	Total other woven worsted fabrics containing 90 per cent. or more wool	70,284	57,390	55,175	50,255	e iQuesta	
	Containing less than 90 per cent. wool	1.902	abd	1 1 of 10 1000	of watte s	4 10	
	Weighing 12 oz. and over to the square yard	3,323	2,215	6,698	3,703 730	21	23
	Weighing 8 and under 12 oz. to the square yard	13,082	8,283	11,556	8,189	47	54
	Weighing under 8 oz. to the square yard	13,544	8,167	10,080	7,344	43	54
	Total other woven worsted fabrics containing less than 90 per cent, wool	29,949	18,665	28,334	19,236 730	}	

# TABLE 5 (continued)

### TABLE 5 .(continued)

ndustry	and the second s	196	3		1968		
sub- ivision (a)	"Watton Discovery Watton Stores	Quantity	Value	Quantity	Value	Enter- prises	Entries
1	MANUFACTURES OF WOOL (excluding fabrics backed with plastic foam and fabric to fabric bonded materials) (continued)	Thousands	£'000	Thousands	£'000	Numbe r	Number
52	Blankets other than of man-made fibres	184-8	27943	1 1.00 PO-7 d.30		NOW	+6
	Containing 90 per cent, or more wool (other than greys)	N Bar B	TT.NU D. 1990	Ballon Look J			21
	Cot size		506	339	292	26	27
	Other than cot size	2,360	6,188	2,178	5,963	38	39
	Greys	372	323	274	361	15	15
	Mixtures (including cotton warp)		01 299	o hao			
		383	183 {	82.5	45	} 10	10
	Cot size	1228,52	·		52	P	1.12
	Other than cot size	1,377	1,919	1,583 Th.sq.yds.	2,172	17	17
52	Travelling rugs, coverlets, wrappers and shawls (other than knitted)	Th.sq.yds. 2,134 	1,078 339	1,326	978 177	} 41	42
	Wool felt (including asbestos wool felt but excluding needlefelt)	-		other read			1
54,60	For use in the manufacture of paper and board and asbestos sheets, woven and pressed	2,535	3,848(j)	704	1,182 221	} *	*
60	For carpet underfelting, pressed	-		t the second	559	*	*
4,60	For other uses, woven and pressed	1,472	956 626 <sup>(k)</sup>	547	452 1,345	} 7	8
60	Felt wholly or partly of fibres other than wool	5,796	3,282 {	662 ••	483 2,071	} 8	10
	Bunklowhend of formendered films	Th.lb.	911-1G.	Th.lb.		h.	
55	Wool flock	9,603	216	5,253	$\begin{array}{c} 140 \\ 155 \end{array}$	} 15	15
53	Other manufactures of wool (exclud- ing carpets and rugs, clothing and smallwares)	arales	698	on in a room of an an an an an an an an an an an a	411	9	9
	OTHER PRODUCTS AND WASTE	a market	94.1 1911 - 1911 - 1911 - 1911 - 1911 - 1911 - 1911 - 1911 - 1911 - 1911 - 1911 - 1911 - 1911 - 1911 - 1911 - 1911 -	aran jana	the reading of	12° A.	08
52	Blankets of man-made fibres (nylon, rayon, etc) other than tufted	Thousands 2,540	3,289	Thousands 3,665	5,017	21	23
	Woven woollen and worsted fabric	Th.sq.yds.	(d) <	Th.sq.yds.	73 340	} 7	8
	to fabric bonded materials (1) Woven, woollen and worsted fabrics backed with plastic foam		of the		540		
194	(including foam sandwiches) (m)	}	2,899 <	694	397	10	10
	Other products	J	100 00 h		1,931	22	26
	Waste products	Th.lb.		Th.lb.	a designa		
	Wool waste sold, other than combers' waste	28,876	2,870	23,098	1,748	249	322
	12 - 200	Th.tons	1	Th.tons	97	h	
	Animal oils, fats and greases	2.2	132 -		87 20	} 14	18
	Man-made fibres (nylon, rayon, etc) waste	Th.lb. 4,151	396	Th.lb. 8,043	536	81	95
	Other waste products		492		590	117	150
	Total sales of goods made and waste products sold	101.01 Mar	528,646	inin filon va ban contactive	496,598		

ndustry sub-	al selaments mental received, lighted king	19	963	este Log gapes	1968		
ivision (a)	r sa dal mali malanda dal 11 menantari menana menana ana ana manana na sa na mana ana menana menana menana menana menana menangan pana ana sa manana menangan pana sa mana menangan pana sa m	Quantity	Value	Quantity	Value	Enter- prises	Entries
in in	WORK DONE		£'000		£'000	Number	Number
11	Wool sorting, blending, scouring and carbonising		1,895	Land	2,140	46	59
13	Wool combing		14,059		9,427	16	32
13	Wool re-combing		775	1,900	1,344	16	23
51	Woollen spinning		1,955	- his band a	2,629	99	117
20	Worsted spinning		1,904	-nodifility a	4,270	54	87
55	Winding and warping		300	Loon Jo	315	88	113
55	Weaving		2,795	in stallars	3,181	122	150
40	Woollen, worsted and hair rags and waste (dyed, carbonised, etc)		122	terme settine	473	18	21
55	Other work done (n)		1,937	i talat	2,780	96	118
-	Total work done		25,740	1887 R.S.F.	26,559		
	Total	alda marine	554,386	harn end	523,163	tabout (	0
bec	Sales in other industries (see Table 6)		6,529	voit bechte	7,172	res felt	than the
	Principal products of this industry sold by establish- ments in the industry		547,857	- 28, 02) - 11162	515,991	480	673(0)

sales shown are total sales by larger establishments, not merely sales by establishments classified to the sub-division.

Including tops produced on Pacific converters, turbo-staplers and similar machines.

Included with tops or slubbings, first combed wholly of man-made fibres (nylon, rayon, etc).

Not recorded separately for 1963.

Including yarn of cashmere spun on the worsted system.

Included with yarn of other hair or of mixtures containing hair spun on the worsted system.

Included yarn of mohair and of other hair or of mixtures containing hair spun on the woollen system.

Including yarn of mohair, cashmere, angora, etc spun on the worsted system.

Included with yarn of mohair, cashmere, angora, etc spun on the woollen system. Woven felt only for 1963.

Pressed felt only for 1963.

Sales of woven woollen and worsted fabric to fabric bonded materials by larger establishments in scope of the Census and by merchant converters are as follows for 1968:

Quant ity	Value
Th.sq.yds.	£'000
237	437
	340

Similar information is not available for 1963.

Sales of foamback woven woollen and worsted fabrics by larger establishments in scope of the Census and by merchant converters are as shown below:

196	1963		8
Quantity	Value	Quantity	Value
Th.sq.yds.	£'000	Th.sq.yds.	£'000
3,665	2,011	694	397

Including work done on dyeing, carbonising etc by firms classified to the Textile Finishing Industry (Part 110).

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.

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# TABLE 6Sales of principal products of the industry by larger establishments classified<br/>to other industries, 1963 and 1968

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

and the state of the	19	63	enner of spin	19	968	[
	Quantity	Value	Quantity	Value	Entries	Principal industries in which produced (a)
PREPARATORY PROCESSES AND SPINNING	24,050	£'000		£'000	Number	13 No
Wool and other animal hair (includ- ing woollen, worsted and hair rags) sorted, blended, scoured or carbon- ised but not otherwise treated; carpet and rug yarn wholly of wool or mixtures containing wool, or of man-made fibres spun on the woollen, worsted or semi-worsted systems	2007.2	3 <b>,</b> 890 <i>(</i> b)		4,478	7	99,102,106
MANUFACTURES OF WOOL (excluding fabric to fabric bonded materials) Plushes and other pile fabrics and	Th.sq.yds.	0,0000	Th.sq.yds. 922	1,098		100,106
chenille fabrics Damasks, tapestries, brocades and the like, mechanical cloth (other than woven felt), bunting and other woven woollen fabrics	$\left. \right\} \left\{ {{}^{443}_{\cdots}} \right\}$	$225 \\ 137 \} \Big\{$	922	379	*	100,106
Other woven worsted fabrics	-	-	idt to.etch	222	*	100
Wool felt (excluding needlefelt) and felt wholly or partly of fibres other than wool	109.199	360 {	489 ••	54 64	} 6	100,112,130
Other manufactures of wool		1,665(c)	the rest	66	*	
OTHER PRODUCTS	ten analant		Contraction of the	the second	ana ngo i	
Blankets of man-made fibres (nylon, rayon, etc) other than tufted and fabric to fabric bonded materials	1. ohest-max 1	s vii odw bad 5 viii	an first con 13,	632	9	100,108,112,12
WORK DONE	ma stad min	252	kini to no 1	179	5	110
Total		6,529	STRA SEALS	7,172	anto otos	anibulani (s)

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

(b) For 1963 includes tops or slubbings, carpet and rug yarn of hair or mixtures containing hair, yarn, other than for carpets or for hand knitting.

(c) For 1963 includes foamback woven fabrics.

Including work done on dyoing, chritonising ets by firms classified to the Tearfild Finishing

Inis figure corresponds the total numbers of returns name for larger setubly how to this voltage which is less than the dotal number of extablishments above in Table 4 on account of coshing with the coshing of coshing dotal setup.

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

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

	1963	19	968
	Value	Quantity	Value
in the section browth length at the	£'000	Th.sq.yds.	£'000
Finished woven cloth of cotton and of man-made fibres or of man-made fibres mixed with other materials	1,860 {	5,652	2,521 494
Pile fabric rugs and needlefelt for carpet under- felting and other purposes	675		2,028
Made-up household textiles	h (	han a and	637
Other products	5,209		8,056
Work done on textiles finished on commission	10,000		1. 28,25
Woollen fabrics	146	4,523	182
Worsted fabrics and other textiles finished	276	Areseast 1	272
Services rendered to other organisations (a)	609		464
Total value of goods sold without having been subjected to any manufacturing process (merchanted or factored)			- 1287 87
Woollen, worsted and hair rags, sorted and cleaned	26,021		417
Other goods merchanted or factored		an a	16,529
Canteen takings	882		940
Total	35,679	cargon indian	32,540

(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 8Production of certain principal products of the industry by<br/>larger establishments, 1963 and 1968.

This table is not applicable to this industry.

# TABLE 9Purchases by larger establishments of selected principal products<br/>of the Industry, 1968

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

Standard Industrial Classification	strial fication Purchasing industry (b)		Woven piece goods (other than narrow fabrics) whoily or mainly of wool		
Minimum List Heading	1.000 2 B.at. 200	Quantity	Cost		
441	Weatherproof outerwear	Th.sq.yds. 1,671 	£'000 1,227 156		
442	Men's and boys' tailored outerwear	51,993 	34,486 8,932		
443	Women's and girls' tailored outerwear	19,839	12,432 3,732		
444	Overalls and men's shirts, underwear, etc	2,613	869		
445	Dresses, lingerie, infants' wear, etc	5,798	3,189 1,471		
472	Furniture and upholstery	2,129	1,653 1,592		
	Other industries	2,247	1,766 484		
	Total	86,289	55,622 16,367		

(a) The figures include purchases of imported as well as home produced goods.(b) Specific census industries for which purchases are 1 per cent. or more of the total of the commodity heading.

TABLE 8 2 Production of certain principal products of the Endpatry in the sector of th

TABLE 10 Purchases by larger establishments in the industry, 1963 and 1968

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

	1	963	1968		
000"2" " " 181 415 19 000 12	Quantity	Cost	Quantity	Cost	
aterials for use in production		£'000	Carrier alexa	£,000	
Wool, virgin (including wool obtained from skins)	(s) uter	Aste yarmine a	a gasbuloni). Gaaticoo dii	a the Level	
In greasy state when purchased	Th.m.		1 Thomas		
Merino, 60's quality and above		52,515		37,365	
Other (crossbred, Indian, etc)		52,685	rayon, stor a	38,383	
Scoured, carbonised or sliped when purchased	pa, diffine (ad	(aslee)	fieldenta, to	Magapar	
Merino, 60's quality and above	7.15	9,442		7,510	
Other (crossbred, Indian, etc)		19,844		18,376	
Mohair, alpaca and other hair		12,287		12,051	
Wool waste, including hosiery clips and overlocks		4,256		2,072	
			Th.lb.	at to as	
Man-made fibre and mixture waste		(a)	19,217	1,879	
w. 11				378	
Woollen, worsted and hair rags, knitted or woven		1,662		1,821	
Textile rags and waste		(a)		816	
Recovered wool (shoddy or mungo)		4,167	Production 1	3,578	
Wool noils	aloot eldes	5,189	pare for for f	3,080	
Man-made fibre and mixture noils		(a)	359	49	
Broken tops of wool	ze .ole . Be	1,886	samo , entri e	3,331	
Hair noils and broken tops	••	2,990		851	
Tops wholly of wool, first combed	A THE BROK	parts for	other spare		
Merino, 60's quality and above		44,146		33,107	
Other (crossbred, Indian, etc)		26,340		14,552	
Tops of hair (alpaca, mohair, etc) first combed	••	1,744		1,953	
Tops made from man-made fibres (nylon, rayon, etc)		14,462	4.6199	17,323	
Tops or slubbings, re-combed		2,129	brad	5,753	
Woollen yarn, including mixtures if known as woollen	en, (vith o	6,999	16,664	7,658	
Worsted yarn including mixtures if known as worsted	••	41,419	44,637	32,998	
Yarns of alpaca, mohair, cashmere and other hair		3,924	2,422	2,639	
Cotton	ding paper i		and packer by		
Raw and waste		574	.Class	369	
base base base	Th.lb.		tolam pripar		
Yarn (including cotton waste yarn)	12,355	3,373 554	7,967	1,990	
Man-made fibres (nylon, rayon, etc)	and the second	and there was	(0)		
Staple fibre	sathuisat)	nly of wood	the so which		
Synthetic (nylon, etc)	e 1010 312083	10 207	95 710	90.005	
Other (rayon, etc)	alt	10,397	85,712	20,925	
Continuous filament yarn		4,862	38,479	4,649	
Synthetic (nylon, etc) yarn	1 149	497	7 090	9.005	
. 110	1,148	487	7,088	3,865	
Other (rayon, etc) yarn	8,106	2,312	794	279 188	

Continued on next page.

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### 101/20 WOOLLEN AND WORSTED

### TABLE 10 (continued)

molecular control devices a significant of enderstate the straig of	196	53	and 41 de 1968		
	Quantity	Cost	Quantity	Cost	
aterials for use in production (continued)	Th.lb.	000'3	Th.lb.	£'000	
Man-made fibres (nylon, rayon, etc) (continued)	and and a second	Marially of	In Card A	terists for	
Spun yarn (including waste yarn) and spun yarn doubled with continuous filament yarn (b)	a activities	nich toda	pibelool)	Wood, virgin	
Synthetic (nylon, etc) yarn	2,223	1,487 {	3,855	2,007 496	
Other (rayon, etc) yarn	8,512	1,772	2,937	761	
Mixtures of synthetic (nylon, etc) with other man- made fibres (rayon, etc)	Leibras es			469 54	
Woven jute cloth (hessian)		(a) <	101 MID 8 101	122	
Binding ribbon	J	Jaraa, me	C L Desidileo S	483	
Soaps, detergents and other scouring materials		1,297	into has r.	1,106	
Dyestuffs	hjovo 6203 og	3,694	i ga cau lon.	4,274	
Oil for processing		1,589		1,413	
BTR.	Th.gal. 383	103	Th.gal. 375	110	
Lubricating oils and greases	Th.cwt.		Th.cwt.	man history	
	{ 1.9 	9 32	3.6	17 16	
Replacement parts for firms' own machinery, plant and vehicles, and accessories and consumable tools bought as replacement		ecole elion au	rvia bus e	Voot hootte Man∾aade fi6	
Bobbins, pirns, cones, tubes, beams, etc, except paper tubes, etc, purchased for packaging		771	loov 1. 1 aeleid b	978	
Tyres and other spare parts for firms' own road goods vehicles	}	4,010 {	t wool, fi	119	
Other		toto , asi	bul ,berda	Other (aros	
All other materials for use in production	daos terit	7,286	s (sontin)	6,710	
ackaging materials	anogat		aben-nat s		
Paper and board		bodine	o-or , agri		
Boxes, cartons, drums and canisters, (with or without metal ends) of paper and cardboard		773 {	gaibulani gaibulani	727	
Fibreboard packing cases	a red to bar	anondeso	Liadom .se	136	
Wrapping and packing paper (including paper coated with plastics and any laminates incorporating paper but not metal)		[		539	
Other packaging materials of paper and paperboard (including moulded pulp units, labels and cones but excluding bags and multiwall paper sacks, and paper and board for converting into packaging materials)(c)	}	898 {	ing cotto	349	
materials)(c) Containers wholly or mainly of wood (including plywood boxes and drums), baskets and wickerwork crates		(a)	es (nylon,	123	
			(mulon, e	Synthat in	
Transparent regenerated cellulose film	h	ſ	tode, aor	118	
In sheets or rolls		472 {	N Jamant N	276	
Bags	ľ	name (o	in an iver	Sent het tel	

		19	963	19	968
		Quantity	Cost	Quantity	Cost
Fuel and electricity (d)	-	Th.tons	000'1	Th.tons	£'000
Coal		724	3,748	434	2,430
Coke (including screenings) and manufactured fuel	{	4.6	35 6	2.2	20 3
		Th.gal.		Th.gal.	as assed
Derv fuel and motor spirit for use in road vehicles		2,090	417 {	1,726	467 63
Other liquid fuels (including creosote/pitch mixtures, etc, and liquefied petroleum gases)	{	16,875 	708 123	36,025	1,580 283(e
		Th.therms		Th.therms	Paymenta
Gas	{	909	80 35	924	78 13
		Th.kWh		Th.kWh	Coste al
Electricity	{	581,805	3,965 882	599,287 	4,731 1,041
Total cost of materials and fuel			365,548	100	315,174
Boods purchased for merchanting		ne for rea	24,269	nsdan of m	15,402
Canteen purchases			942	A second as a fig.	993
Total cost of purchases			390,758	Lin bott	331,570

(a) Not recorded separately for 1963.

(b) Waste yarn was not specifically included for 1963.

(c) Multiwall paper sacks only were excluded for 1963.

(d) The total quantity of electricity generated in establishments employing 25 or more persons in this industry was 69,182 Th.kWh in 1968 and 95,608 Th.kWh in 1963.

(e) For 1968 may include a small amount of fuels not covered by specific headings.

No deduction is made for these payments to arrive at the figures of set cutput given in this report.

the For details see Table 11.

(0) Excluding teles for road

#### TABLE 11 Transport costs and employment of larger establishments, 1963 and 1968

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

	and the second second second	Unit	1963	1968	- antony or a second
Average number mainly en	mployed on transport	No.	1,055	1,082	Color ( and odd on a second
Transport costs		1.651.59		<u>.</u>	Total Supersonal Anna
Wages and salaries		000'3	715	825	
Derv fuel and motor sp	pirit		417	529	Dorr Fuel and unior
Tyres and other spare vehicles	parts for road goods	esta sun do	the blocor	119	
HERE THE LEAST AND AND A	by road		1 1	3,009	and the second se
Payments to other organisations for transport	by rail and other means excluding postal services	"	3,473	829	
Costs of operating roa	ad goods vehicles			1,297	
Insurance		"	119	62	
Vehicle licences			62	108	
Depreciat ion			535	413	
Payments to other or and maintenance	ganisations for repairs	н	221	251	
Total		н	5,542(a)	6,145	71 Colal cost, o

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

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

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

	Amounts	s payable	
	1963	1968	
Repairs and maintenance to	£'000	000'3	-
Buildings	1,387	1,367	
Road goods vehicles	221	251	
Plant, machinery and other capital equipment	3,686	4,636	
Insurance, licensing and depreciation of road goods vehicles (b)	716	583	
Rates, excluding water rates	2,081	2,519	
Hire of plant and machinery	171	317	
Postage, telephone, telegrams, cables and telex (c)	1,048	1,269	
Total	9,309	10,943	-

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

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

aif Cation (Newseam) Insaffication in the rehanged from the same a reported (Pars 200	Year ended	Percentage of total returns received	Percentage of total number employed
e vere av catabilisionenio	1968	Per cent.	Per cent.
	April (a)	1.6	1.0
	May	1.0	0.6
	June	6.7	5.7
	July	1.6	2.0
	August	3.7	4.2
	September	8.8	6.0
	October	2.8	3.3
	November	7.0	7.3
	December	26.3	26.8
	1969		
	January	5.1	4.6
	February	4.2	5.1
	March	28.8	31.1
	April (b)	2.4	2.3
		100	100

(a) From 6 April. (b) To 5 April.