

This Report on the Jute Industry relates to establishments engaged wholly or mainly in sorting jute, spinning yarn and weaving fabrics, other than narrow fabrics, of jute and man-made fibres in the Jute Industry.

This industry corresponds to minimum list heading 415 in the Standard Industrial Classification (Revised 1968) which has been used for the first time as a basis of classification in the 1968 Census. The definition of this industry however is unchanged from the last detailed Census of Production for 1963 in which it was reported (Part 79).

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

METHOD OF CLASSIFICATION

The classification of returns to this industry followed the standard procedure as outlined in the notes on page (i). In classifying returns to the sub-divisions of the industry shown in Table 4, spinners of jute who did not also weave were allocated to the sub-division 'Spinners': establishments which both spun yarn and wove it into materials (other than carpets, matting, etc) were classified to the sub-division 'Spinners/Weavers'; and weavers (other than of carpets, matting, etc) who purchased their yarn were classified to the sub-division 'Weavers'. The sub-division 'Remainder of the industry' covers establishments engaged in manufacturing jute carpets, matting, etc and in pulling, dyeing or carding jute or in producing jute tow.

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 10
Production of jute and man-made fibres in the jute industry, 1963 and 1968

Year ended	1963	1968
Total	1,000	1,000
Spinning	400	400
Weaving	300	300
Other	300	300

TABLE 11
Assets of establishments in the jute industry, 1963 and 1968

Assets	1963	1968
Buildings	1,000	1,000
Plant and machinery	2,000	2,000
Other	1,000	1,000
Total	4,000	4,000

Notes: (i) Figures are in thousands of pounds sterling.
(ii) Figures are rounded to the nearest thousand.
(iii) Figures are preliminary.

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

(d) Administrative, technical and clerical employees.

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

(f) Acquisitions less disposals.

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

	Unit	All establishments		
		1963	1968	
Number of enterprises	No.	44	43	
Number of establishments	"	76	74	
Gross output	£'000	38,496	45,778	
Net output	"	13,891	17,120	
Net output per head	£	850	1,205	
Sales and work done	{ goods produced and work done (c) merchanted goods and canteen takings	£'000	38,164	43,472
		"	220	2,760
Purchases	{ materials for use in production and packaging and fuel goods for merchanding and canteen purchases	"	23,402	27,142
		"	215	2,348
Payments to other organisations	{ for work done on materials given out for transport by road by rail and other means excluding postal services	"	204	169
		"	432	379
		"		86
Stocks and work in progress				
Total stocks and work in progress	{ change during year at end of year	"	- 239	+ 1,012
		"	7,644	10,763
Goods on hand for sale	{ change during year at end of year	"	+ 206	- 226
		"	1,608	2,418
Work in progress	{ change during year at end of year	"	- 94	- 228
		"	995	1,251
Materials, stores and fuel	{ change during year at end of year	"	- 351	+ 1,466
		"	5,040	7,095
Number employed on average during the year	{ total, including working proprietors operatives other employees (d)	Th.	16.3	14.2
		"	14.7	12.7
		"	1.6	1.5
Wages and salaries	{ of operatives of other employees (d)	£'000	7,315	8,505
		"	1,334	1,471
Capital expenditure (e)				
Total	"	453	1,583	
New building work	"	69	157	
Land and existing buildings (f)	"	- 53	- 71	
Plant and machinery (f)	"	390	1,449	
Vehicles (f)	"	47	48	

(a) For 1968, estimates for establishments not making satisfactory returns and for small establishments, from which only employment data were collected, accounted for 1 per cent. of the total figures in which they were incorporated: of this unsatisfactory returns accounted for a negligible amount. A similar situation existed in 1963.

(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	15	17
Average number employed:		
Working proprietors	14	13
Other persons employed	160	171

Footnotes continued on page 102/2.

TABLE 2 Analysis by size of establishment within the industry, 1968

(i) Output and employment

All establishments: United Kingdom

Number employed on average during the year by the establishment (a)	Estab-lish-ments	Enter-prises (b)	Total number employed on average during the year (a)	Gross output	Net output	Net output per head
	Number	Number	Number	£'000	£'000	£
1-5	5	4	19	..	..	..
6-10	4	4	34	..	..	..
11-24	7	7	122	..	..	..
25-99	15	10	850	2,273	864	1,016
100-199	13	10	2,007	6,936	2,112	1,052
200-299	13	11	3,076	10,204	3,700	1,203
300-399	8	4	2,792	9,707	3,532	1,265
400 and over	8	5	5,304	16,064	6,690	1,261
Unsatisfactory returns	1	1	9	..	..	..
Total	74	43	14,213	45,778(c)	17,120(c)	1,205(c)

(ii) Employees, wages and salaries

All establishments: United Kingdom

Number employed on average during the year by the establishment (a)	Employees		Wages and salaries		Wages and salaries per head	
	Oper-atives	Others (d)	Oper-atives	Others (d)	Oper-atives	Others (d)
	Number	Number	£'000	£'000	£	£
1-5	..	..	..	..	..	..
6-10	..	..	..	..	..	..
11-24	..	..	..	..	..	..
25-99	760	85	450	85	592	1,001
100-199	1,814	191	1,140	206	629	1,080
200-299	2,807	268	1,999	313	712	1,169
300-399	2,515	273	1,853	274	737	1,005
400 and over	4,676	628	2,960	574	633	913
Unsatisfactory returns	..	..	..	..	..	..
Total	12,725(c)	1,464(c)	8,505(c)	1,471(c)	668(c)	1,005(c)

(a) Including working proprietors.

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

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

(d) Administrative, technical and clerical employees.

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

All establishments: United Kingdom

Ages	Males	Females	All employees
	Per cent.	Per cent.	Per cent.
Under 18	3	3	6
18 and over	53	41	94
All ages	56	44	100

Source: Department of Employment

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

Footnotes to Table 4.

(a) For 1963 a total of 3 establishments employing fewer than 25 persons were included in returns for larger establishments. None were included for 1968.

(b) The method of classifying returns to sub-divisions of the industry is explained in the notes.

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

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

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

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

(g) Administrative, technical and clerical employees.

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

(i) Acquisitions less disposals.

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

	Unit	Sub-divisions of the industry (b)		Sub-divisions of the industry (b)						Total	
		Spinners		Spinners/Weavers		Weavers		Remainder of the industry (including specialist producers of jute carpets, etc)			
		01		02		03		04			
		1963	1968	1963	1968	1963	1968	1963	1968	1963	1968
Number of enterprises (c)	No.	11	13	8	6	17	15	3	3	32	28
Number of establishments	"	14	18	24	16	22	20	4	3	64	57
Gross output	£'000	5,692	10,001	18,573	18,829	10,628	12,098	3,276	4,256	38,168	45,185
Net output	"	1,725	3,595	7,576	8,708	2,969	3,402	1,503	1,194	13,773	16,899
Net output per head	£	910	1,256	861	1,303	680	986	1,316	1,153	850	1,205
Sales and work done	£'000	5,683	10,056	18,362	18,841	10,586	11,547	3,209	4,273	37,840	42,909
	"	5		123	332	40	584	50			
Sales of characteristic products	"	5,643	9,717	15,859	16,214	9,455	11,420	(e)	(e)	(e)	(e)
Index of specialisation (f)	Per cent.	99	97	86	86	89	99	..	..	92	94
Purchases	£'000	3,675	7,246	10,340	9,797	7,527	8,271	1,661	2,974	23,203	26,791
	"	5		126	342	45	478	39			
	"	63	-	61	121	78	35	-	10	202	167
Payments to other organisations	"	46	60	258	201	39	48	84	65	428	374
	"										
Stocks and work in progress	"										
Goods on hand for sale		+ 4	- 45	+ 155	- 146	+ 28	- 10	+ 17	- 23	+ 204	- 223
	"	92	170	1,024	1,231	340	735	138	250	1,594	2,386
Work in progress		- 1	- 11	- 67	- 198	- 25	- 23	- 1	+ 6	- 93	- 225
	"	72	143	646	833	247	225	22	34	987	1,234
Materials, stores and fuel		- 178	+ 903	- 211	+ 383	+ 30	+ 139	+ 11	+ 22	- 348	+ 1,447
	"	1,483	2,779	2,741	3,186	557	736	217	301	4,997	7,003
Number employed on average during the year	No.	1,895	2,861	8,803	6,682	4,369	3,450	1,142	1,036	16,209	14,029
	"	1,740	2,620	7,917	5,884	3,949	3,144	1,019	924	14,625	12,572
	"	153	241	884	797	410	299	123	109	1,570	1,446
Wages and salaries	£'000	879	1,886	3,845	3,869	1,877	2,011	657	636	7,259	8,403
	"	152	296	786	732	287	303	99	122	1,324	1,453
Wages and salaries per head	£	505	720	486	658	475	640	645	688	496	668
	"	993	1,229	889	919	700	1,013	807	1,116	843	1,005
Capital expenditure (h)	£'000	23	42	21	17	*	12	*	83	68	155
Land and existing buildings	"	60(i)	29(i)	142(i)	5(i)	-(i)	35(i)	-	-	1	3
	"										
Plant and machinery	"										
	"	7	5		20	2	27	1	7	42	68
Vehicles	"	2	1	28	33	15	18	19	16	68	72
	"			11	17	6	7	3	-	22	25

For notes to this table - see page 102/5.

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

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

	1963		1968			
	Quantity	Value	Quantity	Value	Enter-prises	Entries
	Th.cwt.	£'000	Th.cwt.	£'000	Number	Number
Jute yarn	1,811	14,426	1,082	10,798	18	23
			..	6,973		
Woven jute cloth						
Hessian and sateen twill for tufted carpeting	314	4,768	288	5,098	11	14
			..	6,016		
Linoleum hessian	152	1,818	58.5	877	8	8
Other woven jute cloth of hessian	807	9,613	371	5,860	16	19
			..	952		
Other woven jute cloth	205	2,601	66.1	1,010	16	18
			..	608		
Jute carpets and carpeting, floor rugs, mats and matting	..	1,133	..	537	*	*
Jute tow, jute pulled and dyed, carded, etc			..	840	5	5
Other products		2,221	..	142	7	7
Waste products			..	804	27	39
Work done		109		138	10	13
Total		36,689		40,654	..	..
Sales in other industries (see Table 6)		1,775		259	..	..
Principal products of this industry sold by establishments in the industry		34,914		40,394	28	42(a)

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

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

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

	1963		1968			Principal industries in which produced (a)
	Quantity	Value	Quantity	Value	Entries	
	Th.cwt.	£'000	Th.cwt.	£'000	Number	
Woven jute cloth	51.0	634	6.4	116	6	100
			..	129		
Jute carpets and carpeting, floor rugs, mats and matting	..	1,141(b)	..	14	*	106
Total		1,775		259	..	

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

(b) For 1963 includes 'Jute yarn'.

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

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

	1963		1968	
	Quantity	Value	Quantity	Value
	Th.lb.	£'000	Th.lb.	£'000
Single yarn spun from man-made (rayon, nylon etc) staple fibres and carpet and rug yarn of man-made fibres spun on the woollen, worsted or semi-worsted systems	3,963	532(a)	4,254	743
			..	584
New sacks and bags of jute (b)	11,864	1,501	..	781
Other products	..	697	..	328
Work done on making of sacks and bags of jute from customers' own materials	..	195	..	58
Services rendered to other organisations (c)	..	..	..	21
Total value of goods sold without having been subjected to any manufacturing process (merchanted or factored)	..	184	..	2,656
Canteen takings		34		69
Total		3,144		5,239

(a) For 1963 'Carpet and rug yarn etc' was not included.

(b) Total sales of jute sacks and bags in all industries in the United Kingdom as included in the report on Canvas Goods and Sacks etc Industry (Part 109) for 1968 were:

	1963			1968		
	Quantity	Value	Entries	Quantity	Value	Entries
	Thousands	£'000	Number	Thousands	£'000	Number
New sacks and bags						
Of hessian	93,340	7,253	47	44,646	3,520	34
				..	743	
Other	8,586	1,916	31	4,350	940	19

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

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

This table is not applicable to this industry.

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

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

Standard Industrial Classification Minimum List Heading	Purchasing industry (c)	Woven piece goods (other than narrow fabrics) wholly or mainly of jute	
		Quantity	Cost
		Th.sq.yds.	£'000
381	Motor vehicle manufacturing	994	327
		..	316
419	Carpets	91,027	9,536
422/2	Canvas goods and sacks, etc	65,722	3,913
		..	587
429/2	Miscellaneous textiles	29,386	1,138
		..	452
469/2	Miscellaneous building materials and mineral products	50,664	1,308
	
473	Bedding and soft furnishings	5,460	350
		..	111
491	Rubber	26,030	1,684
492	Linoleum, plastics floor-covering, leathercloth, etc	22,489	1,592
	
	Other industries	3,407	278
		..	252
Total		295,179	20,125
		..	1,717

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

(b) Firms classified to the electrical industries (MLH 361-369) were not asked to record separately their purchases of woven piece goods of jute and therefore are not included in the total. The following was, however, recorded:

	Th.lb.	£'000
Yarn, thread, tape and cloth of jute, not oiled or otherwise coated or impregnated with insulating materials	{ 8,991	770
	..	111

(c) Specific Census industries for which purchases are 1 per cent. or more of the total.

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

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

	1963		1968	
	Quantity	Cost	Quantity	Cost
Materials for use in production	Th.tons	£'000	Th.tons	£'000
Jute, raw	121	11,589	71.6	8,443
Jute yarn	..	6,607	..	5,374
Man-made (nylon, rayon, etc) staple fibres				8,657
Synthetic (nylon, etc)	}	464	321	60
Other (rayon, etc)			..	177
Batch oils	..	228	5,427	646
	Th.gal.		Th.gal.	
	62.2	14	29.4	8
Lubricating oils and greases	Th.cwt.		Th.cwt.	
	0.4	1	0.3	1
			..	6
Replacement parts for firms' own machinery, plant and vehicles, and accessories and consumable tools bought as replacement				
Tyres and other spare parts for firms' own road goods vehicles	..	688	..	14
Other			..	434
All other materials for use in production including woven piece goods wholly or mainly of jute	..	2,537	..	1,443
Packaging materials	..	68	..	127
Fuel and electricity (a)	Th.tons		Th.tons	
Coal	{ 34.7	246	12.5	92
	..	38	..	99
Coke (including screenings) and manufactured fuel			-	-
	Th.gal.		Th.gal.	
Derv fuel and motor spirit for use in road vehicles	42.4	9	42.4	11
	..	30	..	31
Other liquid fuels (including creosote/pitch mixtures, etc, and liquefied petroleum gases)	1,505	64	1,624	72
			..	67(b)
	Th.therms		Th.therms	
Gas	51.3	5	12.9	2
			..	6
	Th.kWh		Th.kWh	
Electricity	80,185	544	42,985	339
	..	70	..	322
Total cost of materials and fuel		23,203		26,791
Goods purchased for merchanting	..	173	..	2,226
Canteen purchases	..	41	..	91
Total cost of purchases		23,417		29,108

(a) The total quantity of electricity generated in establishments employing 25 or more persons in this industry was 176 Th.kWh in 1963 and 1,213 Th.kWh in 1968.

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

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

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

	Unit	1963	1968
Average number mainly employed on transport	No.	89	112
Transport costs			
Wages and salaries	£'000	75	108
Derv fuel and motor spirit	"	39	42
Tyres and other spare parts for road goods vehicles	"	..	14
Payments to other organisations for transport	by road	428	374
			by rail and other means excluding postal services	85
Costs of operating road goods vehicles			
Insurance	"	15	5
Vehicle licences	"	6	12
Depreciation	"	25	45
Payments to other organisations for repairs and maintenance	"	7	15
Total	"	596(a)	700

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

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

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

	Amounts payable	
	1963	1968
Repairs and maintenance to	£'000	£'000
Buildings	98	144
Road goods vehicles	7	15
Plant, machinery and other capital equipment	160	191
Insurance, licensing and depreciation of road goods vehicles (b)	46	62
Rates, excluding water rates	199	281
Hire of plant and machinery	12	11
Postage, telephone, telegrams, cables and telex (c)	49	60
Total	571	763

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

(b) For details see Table 11.

(c) Excluding telex for 1963.

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

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

Year ended	Percentage of total returns received	Percentage of total number employed
1968	Per cent.	Per cent.
April (a)	0.0	0.0
May	11.9	7.3
June	4.8	2.7
July	4.8	2.8
August	14.3	15.1
September	9.5	34.6
October	9.5	6.2
November	11.9	9.2
December	16.7	7.7
1969		
January	4.8	5.4
February	2.4	2.5
March	9.5	6.5
April (b)	0.0	0.0
	100	100

(a) From 6 April.

(b) To 5 April.