

116 Weatherproof outerwear

This Report on the Weatherproof Outerwear Industry relates to establishments engaged wholly or mainly in manufacturing raincoats, oilskins, rubber outerwear and other waterproof outerwear, including outerwear cut from plastics materials, for adults and children. Workrooms attached to retail shops are excluded.

This industry corresponds to minimum list heading 441 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 93).

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

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

(d) Administrative, technical and clerical employees.

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

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

	Unit	All establishments		
		1963	1968	
Number of enterprises	No.	305	275	
Number of establishments	"	382	351	
Gross output	£'000	48,151	46,840	
Net output	"	20,019	22,098	
Net output per head	£	743	1,080	
Sales and work done	£'000	goods produced and work done (c)	47,087	45,204
		merchanted goods and canteen takings	1,179	1,807
Purchases	"	materials for use in production and packaging and fuel	25,559	21,659
		goods for merchandising and canteen purchases	1,054	1,342
Payments to other organisations	"	for work done on materials given out for transport	1,750	1,693
		by road	233	178
		by rail and other means excluding postal services			145
Stocks and work in progress				
Total stocks and work in progress	"	change during year	+ 349	+ 105
		at end of year	9,947	10,549
Goods on hand for sale	"	change during year	- 70	- 122
		at end of year	3,887	4,598
Work in progress	"	change during year	- 45	- 48
		at end of year	1,324	1,629
Materials, stores and fuel	"	change during year	+ 464	+ 275
		at end of year	4,736	4,323
Number employed on average during the year	Th.	total, including working proprietors	27.0	20.5
		operatives	23.7	17.6
		other employees (d)	2.9	2.5
Wages and salaries	£'000	of operatives	9,590	9,850
		of other employees (d)	2,292	2,718
Capital expenditure (e)				
Total	"	271	1,111	
New building work	"	43	286	
Land and existing buildings (f)	"	- 107	252	
Plant and machinery (f)	"	195	442	
Vehicles (f)	"	140	130	

(a) For 1968, estimates for establishments not making satisfactory returns and for small establishments, from which only employment data was collected, accounted for 12 per cent. of the total figures in which they were incorporated: of this, unsatisfactory returns accounted for 5 per cent. For 1963 the comparable figures were 9 per cent. and 3 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	142	161
Average number employed:		
Working proprietors	177	188
Other persons employed	1,476	1,764

Footnotes continued on page 116/2.

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
1-5	27	27	86	..	..	..
6-10	29	28	233	..	..	..
11-24	73	72	1,362	..	..	..
25-49	56	48	2,057	4,785	2,267	1,102
50-99	61	53	4,202	9,389	4,493	1,069
100-199	36	27	4,993	10,797	4,818	965
200 and over	23	15	6,549	15,660	7,609	1,162
Unsatisfactory returns	46	44	974	..	..	..
Total	351	275	20,456	46,840(c)	22,098(c)	1,080(c)

(ii) Employees, wages and salaries

All establishments: United Kingdom

Number employed on average during the year by the establishment (a)	Employees		Wages and salaries		Wages and salaries per head	
	Oper-atives	Others (d)	Oper-atives	Others (d)	Oper-atives	Others (d)
	Number	Number	£'000	£'000	£	£
1-5	..	..	..	..	..	..
6-10	..	..	..	..	..	..
11-24	..	..	..	..	..	..
25-49	1,811	199	1,108	226	612	1,134
50-99	3,659	476	2,173	517	594	1,086
100-199	4,378	588	2,393	591	547	1,004
200 and over	5,609	936	2,972	1,054	530	1,126
Unsatisfactory returns	..	..	..	..	..	..
Total	17,608(c)	2,507(c)	9,850(c)	2,718(c)	559(c)	1,084(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	2	7	9
18 and over	23	68	91
All ages	25	75	100

Source: Department of Employment

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

Footnotes to Table 4.

- (a) Some establishments employing fewer than 25 persons were included in returns for larger establishments. These amounted to 10 establishments in 1968 and 9 in 1963.
 (b) 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).
 (c) Direct sales of goods (excluding canteen takings) made to and work done for, the general public by larger establishments are included. These amounted to £81,000 in 1968. Similar information is not available for 1963.
 (d) This is the ratio of total sales of principal products by the industry to total sales of goods produced and work done.
 (e) Administrative, technical and clerical employees.
 (f) Excluding expenditure for establishments not yet in production.
 (g) 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	1963	1968	
Number of enterprises	No.	157	118	
Number of establishments	"	232	186	
Gross output	£'000	43,960	41,201	
Net output	"	18,277	19,438	
Net output per head	£	743	1,080	
Sales and work done	{ goods produced and work done (b) (c)	£'000	42,988	39,761
	{ merchanted goods and canteen takings	"	1,077	1,589
Index of specialisation (d)	Per cent.	91	90	
Purchases	{ materials for processing and packaging, and fuel	£'000	23,334	19,051
	{ goods for merchenting and canteen purchases	"	962	1,181
Payments to other organisations	{ for work done on materials given out	"	1,597	1,489
	{ for transport	"	213	157
	{ by road	"		128
Stocks and work in progress	{ change during year	"	- 64	- 108
	{ at end of year	"	3,549	4,044
Work in progress	{ change during year	"	- 41	- 42
	{ at end of year	"	1,209	1,433
Materials, stores and fuel	{ change during year	"	+ 424	+ 242
	{ at end of year	"	4,323	3,802
Number employed on average during the year	{ total, including working proprietors	No.	24,605	17,993
	{ operatives	"	21,753	15,622
	{ other employees (e)	"	2,686	2,224
Wages and salaries	{ of operatives	£'000	8,818	8,739
	{ of other employees (e)	"	2,106	2,411
Wages and salaries per head	{ operatives	£	405	559
	{ other employees (e)	"	784	1,084
Capital expenditure (f)				
New building work	£'000	39	252	
Land and existing buildings	{ acquisitions	"	30	222(g)
	{ disposals	"	128	
Plant and machinery	{ acquisitions	"	236	460
	{ disposals	"	58	71
Vehicles	{ acquisitions	"	217	218
	{ disposals	"	89	104

For notes to this table - see page 116/5

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	Enterprises	Entries
	Th.garments	£'000	Th.garments	£'000	Number	Number
Men's, youths' and boys' weatherproof outerwear						
Coats and jackets (including anoraks)						
Rubber proofed	505	1,523	419	1,870	33	35
Chemically proofed	3,664	15,299	3,402	14,396	104	113
Other proofings	1,002	3,406	1,114	4,264	43	43
Of plastics materials, whether or not on a fabric base	{ 2,276	{ 1,745	} 2,130	} 1,756	29	30
	{ ..	{ 715				
Other garments	..	1,055	..	1,692	32	33
Total men's, youths' and boys' weatherproof outerwear		23,743		23,978	..	..
Women's, maids' and young girls' weatherproof outerwear						
Coats and jackets (including anoraks)						
Rubber proofed	466	1,496	317	1,550	28	29
Chemically proofed	3,761	13,587	3,822	14,510	94	103
Other proofings	938	2,153	{ 317	{ 743	} 35	} 35
			{ ..	{ 563		
Of plastics materials, whether or not on a fabric base	{ 1,507	{ 835	} 749	} 405	23	25
	{ ..	{ 291				
Other garments	..	463	..	220	18	18
Total womens', maids' and young girls' weatherproof outerwear		18,825		17,991	..	..
Infants' weatherproof outerwear						
Proofed	..	850	..	309	19	19
Of plastics materials, whether or not on a fabric base	..	184	..	83	11	11
Other products	..	194	..	78	*	*
Waste products						
Cloth cuttings	..	12	..	4	21	21
Other waste products	..	3	..	4	*	*
Making-up of weatherproof outerwear and other work done (except repairing) for the trade or on private customers' materials or goods		1,082		751	34	34
Total		44,893		43,198	..	..
Sales in other industries (see Table 6)		5,791		7,352	..	..
Principal products of this industry sold by establishments in the industry		39,102		35,845	118	128(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			
	Quantity	Value	Quantity	Value	Entries	Principal industries in which produced(a)
Men's, youths' and boys' weatherproof outerwear	Th. garments	£'000	Th. garments	£'000	Number	
Coats and jackets (including anoraks)						
Rubber proofed	..	213	33.2	182	8	117,144
Chemically proofed	620	2,662	607	2,957	39	114,117,118,120
Other proofings	209	658	210	797	17	117,118,120
Of plastics materials, whether or not on a fabric base	101	88	208	285	12	109,117,118,119
Other garments	..	342	..	550	14	117,118,119,144
Total men's, youths' and boys' weatherproof outerwear		3,962		4,771	..	
Women's, maids' and young girls' weatherproof outerwear						
Coats and jackets (including anoraks)						
Chemically proofed	364	1,181	568	1,878	37	117,118,120
Other proofings (including rubber proofed)	74.3	186	67.4	171	12	117,118,120
Of plastics materials whether or not on a fabric base	107	84	41.1	47	8	118,119
Other garments	..	8	..	116	7	105,118,144
Total women's, maids' and young girls' weatherproof outerwear		1,460		2,336	..	
Infants' weatherproof outerwear	..	343	..	170	16	117,120
Making-up of weatherproof outerwear and other work done (except repairing) for the trade or on private customers' materials or goods		26		74	9	
Total		5,791		7,352	..	

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

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

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

	1963		1968	
	Quantity	Value	Quantity	Value
	Th.garments	£'000	Th.garments	£'000
Tailored outerwear				
Men's and youths' overcoats, cloaks and the like			98.1	1,032
Men's, youths' and boys' jackets sold separately	..	2,191	104	252
Other men's, youths' and boys' tailored outerwear including service and other uniforms			267	473
Women's, maids' and young girls' outer garments including overcoats, cloaks and the like	..	262	283	739
Coats and jackets of sheep and lambskin	..	449	..	166
Imitation fur coats of all lengths	..	(a)	28.4	151
Women's and girls' light outerwear and underwear	..	216	..	267
Other clothing including infants' wear and industrial overalls	..	269	..	332
Other goods	..	223	..	252
Work done for the trade or on private customers' materials or goods				
Making-up of men's, youths' and boys' tailored outerwear		234		91
Other made-up clothing (except weatherproof outerwear)		41		150
Repairing		2		1
Services rendered to other organisations (b)				10
Total value of goods sold without having been subjected to any manufacturing process (merchanted or factored)		1,015		1,529
Canteen takings		62		60
Total		4,963		5,505

(a) Not recorded separately for 1963.

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

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

This table is not applicable to this industry.

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

This table is not applicable to this industry.

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

	1963		1968	
	Quantity	Cost	Quantity	Cost
	Th.sq.yds.	£'000	Th.sq.yds.	£'000
Materials for use in production				
Piece goods				
Interlinings of all materials	..	733	..	592
Linings				
Wholly or mainly of cotton	4,332	686	1,143	249
	..	85	..	103
Wholly or mainly of cellulosic man-made fibres (rayon, etc) but excluding synthetic (nylon, etc) lining cloths	12,633	2,055	6,673	1,184
			..	197
Other linings	..	564	..	1,020
Other woven piece goods (other than narrow fabrics) not proofed or backed with foam				
Wholly or mainly of cotton	4,038	1,204	1,451	661
	..	150		
Wholly or mainly of wool or other fine animal hair (mohair, cashmere, alpaca, etc)	3,462	1,556	1,671	1,227
	..	326	..	156
Wholly or mainly of man-made fibres (nylon, rayon, etc)	2,920	1,005	2,084	727
Synthetic fibres (nylon, etc)		..			279
Other fibres (rayon, etc)	1,041	267	130	48
			..	99
Wholly or mainly of silk, and linen and union (a)	43.2	23	73.1	32
Knitted fabric not proofed or backed with foam, wholly or mainly of				
Cotton	..	203	..	120
Wool or other fine animal hair (mohair, cashmere, alpaca, etc)	..	180	..	107
Knitted fabric not proofed or backed with foam, wholly or mainly of				
Man-made fibres				
Synthetic fibres (nylon, etc)	..	251	..	492
Other fibres (rayon, etc)	..	50	..	106
Foam-backed and fabric to fabric bonded piece goods of all descriptions (b)				
	..	1,766	..	518
Quilted piece goods of all descriptions				
	..	(c)	..	457
Proofed piece goods				
Rubber (including synthetic rubber) proofed	..	936	..	1,052
Chemically proofed				
Wholly or mainly of wool or other fine animal hair (mohair, cashmere, alpaca, etc)	..	2,120	..	1,486
Other	..	4,437	..	4,438
Other proofings, including oilskin	..	606	..	802
Leathercloth, including supported and unsupported decorative plastic sheeting				
	..	395	..	406
Other plastic sheeting, except for use in packaging				
	..	643	..	325

TABLE 10 (continued)

	1963		1968	
	Quantity	Cost	Quantity	Cost
		£'000		£'000
Materials for use in production (continued)				
Elastic webs and braids, covered rubber thread, elastic fabrics, etc, and roll-on blanks, and non-elastic narrow fabrics, including braids, tapes, webs, ribbons, bindings, petershams, woven labels, etc	..	148	..	204
Sewing and embroidery thread, not elastic	..	304	..	346
Zip and other slide fasteners	..	152	..	227
Buttons, other than of metal	..	358	..	307
Other hard haberdashery, including metal buttons, hooks and eyes, press studs, corset busks, buckles, belts, eyelets, fittings for braces, suspenders, garters, corsetry, etc, hand needles, pins, etc	..	92	..	160
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	..	88	..	20
Other			..	58
All other materials for use in production	..	1,059	..	464
Packaging materials				
Paper and board				
Boxes, cartons, drums and canisters (with or without metal ends) of paper and cardboard and fibreboard packing cases	..	118	..	148
Wrapping and packing paper (including paper coated with plastics and any laminates incorporating paper but not metal)	..	56	..	41
Other packaging materials of paper and paperboard (including moulded pulp units and labels but excluding bags and multiwall paper sacks and paper and board for converting into packaging materials)			..	20
Transparent regenerated cellulose film (including bags)	..	21	..	26
All other packaging materials including plastics materials	..	44	..	40
Fuel and electricity (d)				
Coal	Th.tons	5.6	36	..
				20
Coke (including screenings) and manufactured fuel	..	1.8	16	1.3
		..	3		15
	Th.gal.			Th.gal.
Derv fuel and motor spirit for use in road vehicles	..	172	38	140
		..	13	..	25
Other liquid fuels (including creosote/pitch mixtures, etc, and liquefied petroleum gases)	863	44	519	30
			..	4

Continued on next page

TABLE 10 (continued)

	1963		1968	
	Quantity	Cost	Quantity	Cost
	Th.therms	£'000	Th.therms	£'000
Fuel and electricity (d) (continued)				
Gas	411	34	407	36
	..	45	..	29
	Th.kWh		Th.kWh	
Electricity	8,164	72	8,723	90
	..	74	..	83
All other fuels	..	(c)	..	14
Total cost of materials and fuel		23,334		19,051
Goods purchased for merchanting		886		1,104
Canteen purchases		76		77
Total cost of purchases		24,297		20,232

(a) Linen and union cloth only for 1963.

(b) For 1963 described as 'Foam-backed piece goods of all descriptions'

(c) Not recorded separately for 1963.

(d) There were no entries recorded for electricity generated in firms' own establishments in this industry in 1963 and 1968.

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.	110	97
Transport costs			
Wages and salaries	£'000	71	89
Derv fuel and motor spirit	"	52	65
Tyres and other spare parts for road goods vehicles	"	..	20
Payments to other organisations for transport	"	213	157
	"		128
Costs of operating road goods vehicles			
Insurance	"	12	15
Vehicle licences	"	6	11
Depreciation	"	48	58
Payments to other organisations for repairs and maintenance	"	21	41
Total	"	422(a)	584

(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	65	73
Road goods vehicles	21	41
Plant, machinery and other capital equipment	146	173
Insurance, licensing and depreciation of road goods vehicles (b)	66	83
Rates, excluding water rates	165	223
Hire of plant and machinery	32	38
Postage, telephone, telegrams, cables and telex (c)	133	190
Total	627	821

(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)	0.8	0.4
May	3.1	5.2
June	7.0	5.1
July	5.5	3.6
August	2.3	1.0
September	7.8	5.4
October	4.7	2.9
November	2.3	3.5
December	34.4	44.8
1969		
January	7.8	7.1
February	1.6	0.6
March	18.8	19.2
April (b)	3.9	1.2
	100	100

(a) From 6 April.

(b) To 5 April.