## 75 Broadcast receiving and sound reproducing equipment

This Report on the Broadcast Receiving and Sound Reproducing Equipment Industry relates to establishments engaged wholly or mainly in manufacturing gramophone records and pre-recorded tape including video tape; radio and television receivers, radiograms and gramophones, tape recorders (including video tape recorders), dictating machines, etc, audio equipment, A.F. (audio frequency) amplifiers, and public address systems. Electronic components, and cabinets for radio receivers, etc are excluded.

This industry corresponds to minimum list heading 365 in the Standard Industrial Classification (Revised 1968) which has been used for the first time as a basis of classification in the 1968 Census, except that particulars relating to tape decks (other than those for use with computers and related equipment) are included.

The industry formed part of the Radio and Other Electronic Apparatus Industry (Part 58) in the last detailed Census of Production for 1963.

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.

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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## Footnotes continued from page 75/3.

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

			All estab	lishments
		Unit	1963	1968
mber of enterprises		No.	115	168
mber of establishments		n n	157	212
oss output		£,000	173,591	183,379
t output (c)		п	73,928	76,507
t output per head (c)		£	1,379	1,839
l wank dono	goods produced and work done (d)	£'000	152,803	171,908
les and work done	merchanted goods and canteen takings	п	17,732	5,589
tists' royalties, fees and	copyright payments, etc (c)	"	0.010(1)	3,416
rforming rights, royalties	and copyright receipts, etc (c)	п	2,219(e)	2,501
rchases	materials for use in production and packaging and fuel	п	82,599	101,608
Ichasos	goods for merchanting and canteen purchases	"	14,645	4,292
	for work done on materials given out	"	1,121	1,868
yments to other	for transport			
rganisations	by road	п		561
	by rail and other means excluding postal services	п	852	169
ocks and work in progress				
Total stocks and work in progress	change during year	11	+ 4,828	+ 8,423
	at end of year	11	79,404	35,830
Goods on hand for sale	change during year	n	- 446	+ 2,600
on hand for safe	at end of year	n	12,694	8,607
Work in progress	change during year	"	+ 3,501	+ 3,282
ork in progress	at end of year	11	55,434	13,885
Materials, stores and fuel	change during year	ı,	+ 1,773	+ 2,541
averture, stores and ruer	at end of year	ıı ıı	11,276	13,337
hon	total, including working proprietors	Th.	53.6	41.6
ber employed on average ing the year	operatives	н	36.0	26.1
	other employees (f)	11	17.5	15.4
es and salaries	of operatives	£'000	18,912	17,451
	of other employees (f)	п	15,617	18,359
ital expenditure (g)				-0,000
otal		п	2,178	4,118
ew building work		n	406	859
and and existing buildings	(h)	п	- 197	
lant and machinery (h)		11	1,830	2 862
ehicles (h)		п	138	2,863
			136	252

<sup>(</sup>a) For 1968, estimates for establishments not making satisfactory returns and for small establishments, from which only employment data were collected, accounted for under 4 per cent. of the total figures in 1963 the comparable figures were under 2 per cent. and under 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.

	Number of establishments Average number employed	1963 59	1968 130
	Working proprietors	74	160
Footnotes continued on page 75/2.	Other persons employed	438	861

<sup>(</sup>c) Payments and receipts in respect of performing rights, royalties and copyright, etc are taken into account in the calculation of net output.

<sup>(</sup>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).

<sup>(</sup>e) Net payments in respect of performing rights, royalties and copyright, etc.

<sup>(</sup>f) Administrative, technical and clerical employees.

<sup>(</sup>g) Excluding expenditure for establishments not yet in production.

<sup>(</sup>h) 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- ments	Enter- prises (b)	Total number employed on average during the year (a)	Gross output	Net output	Net output per head
468,881 N 11,898,10	Number	Number	Number	£,000	£'000	£
1-5	47	47	123			
6-10	24	24	181			1
11-24	36	35	646	they but the	Aborto Dissis	
25-49	9	8	330	1,103	485	1,471
50-99	15	14	1,123	5,165	1,955	1,740
100-199	14	12	1,959	8,021	3,525	1,799
200-299	8	7	1,963	10,335	3,878	1,975
300-499	8	6	3,014	14,202	5,080	1,685
500-749	8	5	4,805	16,531	7,350	1,530
750-1,499	7	6	7,269	33,319	14,473	1,991
1,500 and over	7	5	19,506	87,418	36,756	1,885
Unsatisfactory returns	29	28	690		equal least.	
Total	212	168	41,609	183,379(c)	76,507(c)	1,839(c)

(ii) Employees, wages and salaries

All establishments: United Kingdom

Number employed on average during the year by the establishment (a)	Emp l	oyees	Wages an	d salaries	Wages and salaries per head		
	Oper- atives	Others (d)	Oper- atives	Others (d)	Oper- atives	Others (d)	
Y. 20	Number	Number	£'000	£'000	£	£	
1-5							
6-10							
11-24							
25-49	226	100	176	115	777	1,148	
50-99	827	291	569	307	688	1,053	
100-199	1,443	514	1,009	544	699	1,059	
200-299	1,455	508	1,079	610	742	1,202	
300-499	2,068	945	1,325	1,162	641	1,230	
500-749	2,734	2,071	1,994	2,342	729	1,131	
750-1,499	4,435	2,834	2,916	3,170	657	1,119	
1,500 and over	11,949	7,555	7,750	9,465	649	1,253	
Insatisfactory returns		district of the					
Total	26,083(c)	15,352(c)	17,451(c)	18,359(c)	669(c)	1, 196 (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
THE PROPERTY OF THE	Per cent.	Per cent.	Per cent.
Under 18	2	4	6
18 and over	44	50	94
All ages	46	54	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 6 establishments in 1968 and 5 in 1963.
- (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) 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) Payments and receipts in respect of performing rights, royalties and copyright, etc are taken into account in the calculation of net output.
- (e) 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).
- (f) Direct sales of goods (excluding canteen takings) made to, and work done for, the general public by larger establishments are included. These amounted to £539,000 in 1968. Similar information is not available for 1963.
- (g) Characteristic products relate only to sub-divisions of the industry.
- (h) 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.
- (i) Net payments in respect of performing rights, royalties and copyright, etc.
- (j) Owing to the risk of disclosure of information relating to individual firms particulars of progress payments received for work in progress at the beginning and the end of 1968 cannot be given. Similar information was not collected for 1963.
- (k) Administrative, technical and clerical employees.
- (1) Excluding expenditure for establishments not yet in production.
- (m) 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)

- CHANGE OF THE PROPERTY OF TH	yeard a state of the control of the	La Character Communic	Sub-c	livisions of	f the indust	try (b)		
		Unit	Gramopho and tape	ne records recordings	Other br	coadcasting g and sound oducing ipment 20	To	otal
44	17 March Minney		1963	1968	1963	1968	1963	1968
Number of enterpr	ises (c)	No.	8	9	50	33	57	-500
Number of establi	shments	11	15	16	83	66	98	
Gross output		£'000	40,019	44,261	130,865	132,339	170,884	176,6
Net output (d)		"	28,474	30,176	44,301	43,503	72,775	73,6
Net output per he	ad (d)	£	1,836	2,366	1,189	1,593	1,379	1,8
Solos and	goods produced and work done (e) (f)	£'000	34,479	41,155	115,941	124,399	150,420	105 -
Sales and work done	merchanted goods and	2 000	34,419	41,100	110,941	124,399	150,420	165,5
	canteen takings	11	2,190	2,130	15,265	3,252	17,456	5,3
Sales of characte	ristic products	п	16,882	20,423	97,335	116,670	(g)	(
Index of speciali	sation (h)	Per						
		cent.	49	50	84	94	79	
Artists' royaltie payments, etc (d)	s, fees and copyright	£,000		3,290				0.0
	, royalties and copy-	2 000	2, 184(i)	3,290	} -	-	2,184	3,2
right receipts, e		. 11		2,409	19781	1,63161	(i)	2,4
Purchases	materials for use in production and packaging, and fuel	п	7,200	10,018	74,111	87,834	81,311	97,8
r ar onabob	goods for merchanting and canteen purchases	"	1,902		12,515		14,417	4,1
	for work done on materials given out	п	175		929		1,104	1,
Payments to	for transport		) (	3,351	) (	3,284	) (	
other organisations	by road	"						5
or rain vinerad	by rail and other means excluding postal services	"	19		819		838 <	1
Stocks and work i	n progress		,	, ,	)	)	)	
Goods on	change during year	п	+ 747	+ 188	-1,186	+ 2,315	- 439	+ 2,5
hand for sale	at end of year	"	5,026	3,271	7,470	5,018	12,496	
Work in	change during year	,	+ 2,603					8,2
progress (j)	at end of year	"		+ 788	+ 844	+ 2,373	+ 3,447	+ 3,1
	Contracting the state of the st		47,954	6,656	6,616	6,716	54,570	13,3
Materials, stores	change during year	"	- 64	+ 165	+ 1,810	+ 2,282	+ 1,745	+ 2,4
and fuel	at end of year	"	2,048	1,425	9,052	11,419	11,100	12,8
	total including working					1.088		
lumber employed on average	proprietors   operatives	No.	15,509	12,755	37,273	27,316	52,782	40,0
uring the year	other employees (k)	11	7,575	5,934	27,868	19,281	35,443	25,2
70 pr. 1-2 - 10 m			7,933	6,820	9,364	8,022	17,297	14,8
ages and alaries	of operatives	£'000	5,063	4,826	13,571	12,045	18,633	16,8
	of other employees (k)	, n	7,389	9,194	7,998	8,555	15,387	17,7
ages and alaries	operatives	£	668	813	487	625	526	6
er head	other employees (k)	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	931	1,348	854	1,066	890	1,1
apital expenditur New building wor			t person la re-					
Land and	acquisitions	£'000	57	179	343	648	400	8
existing buildings	disposals	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	10	-	21	227	31	2
		"	-	one -	225	89	225	
Plant and machinery	acquisitions	"	} 463 (m) {	1,622	1 220 (	1,270	2,554	2,8
	disposals	"	400 (11)	33	} 1,339(m)	102	752	1
Vehicles	acquisitions	п	125		191	] [	316	4
	disposals	11	127	<b>&gt;</b> 55 (m)	52	> 187(m)	179	2

For notes to this table - see page 75/5.

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

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

Industry		19	63		1968			
sub- division (a)	Sur Total Total Control	Quant ity	Value	Quantity	Value	Enter- prises	Entries	
		Thousands	£'000	Thousands	£,000	Number	Number	
10	Gramophone records, pre-recorded tape, wire, etc							
	Gramophone records	73,660	15,816	83,547	18,722	10	10	
	Pre-recorded tape and wire including video tape		272		713	*	*	
	Matrices impressed for the reproduc-							
	tion of gramophone records and gramophone record blanks		448		100	6	6	
	Total gramophone records, pre-recorded tape, wire, etc		16,536		19,534			
20	Television receiving sets (whether or not sound reception or radiogram is incorporated)					lataen :		
	Colour			130	20,361	6	9	
	Monochrome	> 1,757	56,833	1,747	65,743	11	16	
20	Television terminal units and television chassis, substantially assembled (but excluding industrial television equipment)	100	3,199	84.9	2,227	6	8	
20	Radio receiving sets, domestic (including car radios), complete						(45)	
	Transistor (including valve/transistor)	2,613	18,124	1,146	11,153	17	21	
	Other	169	1,686	12.9	197 117	6	6	
20	Radiograms, complete					)		
	Transistor (including valve/transistor)	73.5	1,929	180	5,747	10	11	
	Other	175	4,183		139	*	*	
20	Radio receiver and radiogram chassis substantially assembled	32.5	232	19.9	387	*	*	
20	Gramophones, record players and tape recorders, complete		To a toubo	a Ingian			MAR	
	Gramophones and record players with built-in electrical amplification	489	4,948	410	4,916	14	16	
	Magnetic (tape, wire, magnetic discs.		1,010	110	1,010	14	10	
	etc) sound recorders, complete with built-in amplification	407	6,727	164	3,464	14	14	
20	Tong deal 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1							
20	Tape decks and similar machines (excluding tape decks for use with electronic	The sales						
20	computers) (b) Dictating machines, complete, ie	314	1,500	153	808	8	8	
	recording and reproducing machines	26.1	1,620	69.3	2,836	*	*	
20	Other electrical sound reproducing and recording apparatus, complete							
	For public address and sound films	4.4	264 1,096	5.6	434 1,762	22	22	
	Other descriptions		2,564(c)	396	3,987 2,313	25	26	
	Total broadcast receiving and sound reproducing equipment other than gramophone records, pre-recorded tape, wire, etc		104,905		126,591			

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Industry	Sec. 12. Sec. 15 of Colombia Survey of the section	19	063	1968			
sub- division (a)		Quantity	Value	Quantity	Value	Enter- prises	Entries
			£'000		£'000	Number	Number
	Other products		10		2	*	*
Commune Liver	Waste products						
	Scrap metals						
	Iron and steel		17		27	5	6
	Copper		26		32	5	6
4.0	Brass		31		26	6	7
	Other metals		35		32	9	10
	Other waste products		61		30	7	8
	Machinery installed and other installation work and other work done (d)		1,811		1,330	8	8
THE REAL PROPERTY.	Total		123,432		147,604		
	Sales in other industries (see Table 6)		7,166		10,353		
	Principal products of this industry sold by establishments in the industry		116,266		137,252	40	50 (e)

<sup>(</sup>a) The number given is that of the sub-division of which the item is a characteristic product. The sales shown are total sales by larger establishments, not merely sales by establishments classified to the sub-division.

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			
	Value	Value	Entries	Principal industries in which produced (a)	
	£'000	£'000	Number		
Gramophones, record players and tape recorders, tape decks and similar machines (excluding tape decks for use with electronic computers), and dictating machines, complete	935	994	9	67,74,77,79	
Other electrical sound reproducing and recording apparatus, complete, for public address and sound films (b)	491	1,272	14	73,74,77,78	
Other goods including television receiving sets and domestic radio receiving sets (including car radios)	5,740	8,087	44	63,67,70,77	
Total	7,166	10,353			

<sup>(</sup>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

THE PARTY OF THE P	1963	1968
	Value	Value
	£,000	£'000
Electrical engineering		
Radio and electronic components		8,562
Radio, radar and electronic capital goods	1000	7,846
Other goods	34,075	
Research and development work and repair and maintenance work and machinery installed and other installation work on other than broadcast receiving and sound reproducing equipment (a)		11,722
Services rendered to other organisations (b)	80	172
Total value of goods sold without having been subjected to any manufacturing process (merchanted or factored)	17,088	4,913
Canteen takings	368	468
Total	51,610	33,684

<sup>(</sup>a) Excluding repair and maintenance work and machinery installed and other installation work on other than broadcast receiving and sound reproducing equipment for 1963.

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.

<sup>(</sup>b) Tape decks for use with electronic computers were not specifically excluded for 1963.

<sup>(</sup>c) Including parts amounting to £933,000 for 1963.

<sup>(</sup>d) For 1963, described as 'Machinery purchased and installed and other installation work'.

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

<sup>(</sup>b) Excluding 'for sound films' for 1963.

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

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

	196	3	196	88
	Quantity	Cost	Quantity	Cost
Materials for use in production	Th.tons	£,000	Th.tons	£,000
Iron castings		20		4
Steel	9.1	Land Section 1.5		
Ingots, blooms, billets, slabs (including sheet/plate mill slabs and sheet bars)	0.2	23	0.1	8
Bars and rods (including wire rods), angles, shapes and sections, girders, beams, joists and pillars rolled (not fabricated), including tube rounds and squares, and plates, 3 mm. thick and over	2.8	365		62
Sheets under 3 mm, thick (including electrical sheets)	11.6	818	5.1	522
Hoop and strip (including tape of all thicknesses), forgings (except drop forgings), castings, and tinplate and blackplate (a)	1.7	152 19	}	262
Iron and steel not elsewhere specified except finished parts, wire and scrap, steel wire and wire manufactures (including wire cables and ropes but excluding insulated wires and cables), and springs, laminated and other types	0.1	8 83	}	97
Light metals and non-ferrous metals in all forms except finished parts, wire and scrap			0.3	151
Aluminium and aluminium alloys	0.5	220		124
Brass and other copper alloys (including nickel silver and cupro nickel, but excluding all other nickel alloys and cadmium copper) (b)	0.7	238	0.3	159
Lead and alloys of lead (excluding solder), zinc and alloys of zinc, and copper (including cadmium copper) (c)	2.3	206	0.2 Th.cwt.	71
Nickel and nickel alloys (excluding nickel silver, and cupro nickel)		(d)	1.8	95
Solder, soft		271	BUSAT	383
Uninsulated wire and cables of non-ferrous metals				
Copper		127		719
Other non-ferrous metals		18		25
Glass in all forms (including finished parts)		324		334
Ferrite		195		336
Mica		17		42
Paper and paperboard including press-board and paper yarn, tubes, etc but excluding packaging materials		253		807
Porcelain and other ceramics in all forms		401		27
Manufactures wholly or mainly of rubber (including synthetic rubber), balata and gutta-percha (including sheeting) but excluding replacement parts for firms?		101	2-2402.2	2.
own machinery, plant, vehicles, etc (e)	Th.gal.	165	Th.gal.	31
Paint and varnish (including lacquers and stains)	21.6	38	118	160
(The fund variation (The funding Tacquers and Status)	••	49		330

TABLE 10 (continued)

TABLE 10 (continued)		- Kin	omitona) (omi	1 348/60
3001 manual santa sa	1	963	1:	968
	Quantity	Cost	Quantity	Cost
Materials for use in production (continued)	Th.cwt.	£,000	Th.cwt.	£'000
Synthetic resins and plastics materials (excluding leathercloth and reinforced plastics)	l si noite	ogenout w	по помощью	Tof 30
Polyethylene and polypropylene and copolymers	10.5	124 400	40.1	499
Polyvinyl chloride (including copolymers)	no stallage	sant telebas	)	in the state of th
Polymers and copolymers including the net resin content of latices, solutions and dispersions, plasticised moulding and extrusion compounds (f)	121	879 150	] ]	1,286
Plasticised and unplasticised sheet, film, rod, tube, profile shapes and foam	Ta. thorns	(d)		104
Polystyrene (including copolymers), phenolics and allied products, laminated thermosetting sheet (including decorative), cast sheet, laminated or cast rod, tube and profile shapes, and thermosetting polyesters, including epoxide resins (the net resin content excluding filler) and resin glass fibre mixtures	47.7	475 1,073	}	598
Timber	in the fon IT	sounded hou	TO SAPA	inter a
Softwood and hardwood, manufactured or semi-manufactured (ie further prepared than sawn or planed)	cidose, pro	471	tred letter	108
and producted for acrebant top and the Hotel alead a	Th.sq.ft.		Th.sq.ft.	100
Plywood, including blockboard, laminboard and battenboard	3,193	144 17	2,632	208
Textiles (excluding packaging materials): yarn, thread, tape and cloth, not oiled or otherwise coated or impregnated with insulating materials		68	Jataisee a	ad 1807
Insulated wires, cables, strips and strands	Section gently	1,369	System red	1 696
Electrical insulating materials not elsewhere specified			inirates g	1,626
Bolts, rivets, nuts and washers, screws, nails and tacks, etc	hul dija espistere	137 (d)	breed ing local, Enotres, s	344
Electrical machinery	brabbara balita, su	bea 10.000	lo (abab i	708
Fractional horse-power motors (less than 1 hp)		229	ose bracelo	104
Transformers and rectifying apparatus	The Least	229	g bus gold	194
Other electrical machinery		629	anitesiq o	1,800
Electrical components not elsewhere specified	)	a Tai - a las		643
Loudspeakers			new   Screen	211
Microphones	}	2,014	tol bread	2,012
Batteries and accumulators	)	100	•	192
Magnets, permanent	hoose In w	128	nda namenia	52
	Thousands	136	Thousands	580
Semi-conductor devices	18,611	1,920	Thousands	los:
Valves, electronic (other than X-ray valves), electronic stabilising tubes and outbode routely	3 2 2 3 3 1 1 mg	858	22,452	3,366
(excluding mercury pool rectifiers)	miles in	In balany	ages iness	ams tT
Transmitting and industrial		14 000 }	683	308
Other (including cathode ray tubes)	1	14,860	riiso :soi	20,219
Capacitors			ant los and	6,572
Resistors	8	fireles to	ther. packur	3,205
Micro-circuits	}	23,043 <		406
Silicon transistors		, , , ,		3,601
Other electrical components				17,855

Continued on next page

TABLE 10 (continued)

	19	63	1968	
	Quantity	Cost	Quantity	Cost
Materials for use in production (continued)	376734551	£,000	d sen 1921	£'000
Other components for incorporation in firms' own products	\$181257em (BD1786)		dan serrat bas stefa	
Ball and roller bearings and parts thereof	aa ha. aas	35	as onelysis	10
Measuring and control instruments (including ammeters, voltmeters, thermostats, etc)	esylogos se l se i bolon	95	roldo lyaz kas sveny	72
Radio, radiogram and television cabinets	b has another		of to due to	
Of wood	tweds bear	10,130	o bearottes	11,518
Of plastics materials	· sano	766	9 (13 0:14 (9)	477
Other components not elsewhere specified	The State of the S		eloschore be	
Wholly or mainly of plastics materials	ca, astonia	1,833		1,754
Other materials except of rubber or glass		7,997	011111111111	3,153
	Th.gal.	1.5	Th.gal.	
Lubricating oils and greases (including cutting oils and emulsions)	32.7	15 42	17.1	TOOM I TO
Replacement parts for firms' own machinery, plant and vehicles, and accessories and consumable tools bought as replacement	eld to make	and born	100 /52	
- 40 BC : BC : 10g 2000 BC - 10c BC : 1	Diani I	odinaji pai	Mr.Loui., Dwg	rein -jag
goods vehicles	}	364	buleaux sa	5
Other			r diets le	83
All other materials for use in production		3,289	named bas	3,80
Packaging materials	ie ton etc	rosas mid	Custi Inci	down
Paper and board	1	(	000	a content
Boxes, cartons, drums and canisters (with or without metal ends) of paper and cardboard		1,572		1,55
ther components for incorporation in firms, own coducts  Ball and roller bearings and parts thereof  Measuring and control instruments (including ammeters, voltmeters, thermostats, etc)  Radio, radiogram and television cabinets  Of wood  Of plastics materials  Other components not elsewhere specified  Wholly or mainly of plastics materials  Other materials except of rubber or glass  ubricating oils and greases (including cutting oils and emulsions)  eplacement parts for firms, own machinery, plant and ehicles, and accessories and consumable tools bought sereplacement  Tyres and other spare parts for firms, own road goods vehicles  Other  11 other materials for use in production kaging materials aper and board  Boxes, cartons, drums and canisters (with or without metal ends) of paper and cardboard  Fibreboard packing cases  Wrapping and packing paper (including paper coated with plastics and any laminates incorporating paper but not metal)  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)  imber  Containers wholly or mainly of wood (including plywood boxes and drums other than cable drums), baskets and wickerwork crates (g)  Timber (sawn or planed) for manufacture into packing cases, etc and plywood for manufacture into packing cases, etc and moulded and fabricated containers including losures and inserts (h)				2
ther components for incorporation in firms' own products  Ball and roller bearings and parts thereof  Measuring and control instruments (including ammeters, voltmeters, thermostats, etc)  Radio, radiogram and television cabinets  Of wood  Of plastics materials  Other components not elsewhere specified  Wholly or mainly of plastics materials  Other materials except of rubber or glass  Lubricating oils and greases (including cutting oils and emulsions)  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  Other  All other materials for use in production  ckaging materials  Paper and board  Boxes, cartons, drums and canisters (with or without metal ends) of paper and cardboard  Fibreboard packing cases  Wrapping and packing paper (including paper coated with plastics and any laminates incorporating paper but not metal)  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)  Fimber  Containers wholly or mainly of wood (including plywood boxes and drums other than cable drums), baskets and wickerwork crates (g)  Timber (sawn or planed) for manufacture into packing cases, etc and plywood for manufacture into packing cases  Pransparent regenerated cellulose film in sheets or rolls	De Triggie-ja	nivîsioes e	Margara ()	1,25
		476		- 5 may 1/2
(including moulded pulp units and labels, but excluding bags and multiwall paper sacks and paper			na mlaege	27
Timber		construction framework	Same and the	
wood boxes and drums other than cable drums), baskets		121	carroy", a to	2
Timber (sawn or planed) for manufacture into packing		121	10 faglaron-	200
cases	1007-1-00013	7	in the	olak sola
Transparent regenerated cellulose film in sheets or rolls	(2561) 123	(d)	peldilan	31
Plastics: Cellular foam, film (up to 0.01 inches thick) and moulded and fabricated containers including closures and inserts (h)	andal tel	83	safaal) vad	18
	1	86		2

TABLE 10 (continued)

		19	963	19	1968	
		Quantity	Cost	Quantity	Cost	
Fuel and electricity (i)		Th.tons	£,000		£'000	
Coal and coke (including screenings) and manufactured fuel		6.6	47	7 2 7 1000	sous reality	
	1	Th.gal.		Th.gal.		
Derv fuel and motor spirit for use in road vehicles	1	530	88 130	661	139 28	
Other liquid fuels (including creosote/pitch mixtures, etc and liquefied petroleum gases)			308	yadan ba	433	
	(	Th.therms		Th.therms		
Gas	1	716	58 41	535	50	
Electricity	1	44,208	336 259	71,945	499	
All other fuels			(d)	••	12	
Total cost of materials and fuel			81,311	act large	97,852	
oods purchased for merchanting	100	y yet smil	14,096	iso et obje compo duis a	3,767	
anteen purchases			321		367	
Total cost of purchases			95,728		101,985	

<sup>(</sup>a) For 1963 'Terneplate' was specifically included.

<sup>(</sup>b) For 1963 'Cadmium copper' was not specifically excluded.

<sup>(</sup>c) For 1963 'Cadmium copper' was not specifically included but 'Blister' was excluded.

<sup>(</sup>d) Not recorded separately for 1963.

<sup>(</sup>e) For 1963, described as 'Rubber, including hard rubber, balata, gutta-percha and synthetic rubber in all forms including finished parts'.

<sup>(</sup>f) For 1963 'Emulsions' were specifically included.

<sup>(</sup>g) For 1963 'Cable drums' were not specifically excluded.

<sup>(</sup>h) For 1963, described as 'Sheet, film, foams, etc wholly or mainly of polyethylene (including bags and lay flat tubing)'.

<sup>(</sup>i) Owing to the risk of disclosure of information relating to individual firms total quantities of electricity generated in firms' own establishments in 1963 and 1968 cannot be given.

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

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

ton said the second		Unit	1963	1968
Average number mainly empl	oyed on transport	No.	437	414
Transport costs				
Wages and salaries		£,000	382	437
Derv fuel and motor spir	it	, Property	218	167
Tyres and other spare pa vehicles	rts for road goods	п		59
	by road	п		540
Payments to other organisations for transport	by rail and other means excluding postal services	н	838 {	163
Costs of operating road	goods vehicles			
Insurance		,n	30	15
Vehicle licences		11	16	25
Depreciation		п	134	157
Payments to other orga and maintenance	nisations for repairs	"	88	62
Total		п	1,706(a)	1,625

<sup>(</sup>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	184	246
Road goods vehicles	88	62
Plant, machinery and other capital equipment	239	511
Insurance, licensing and depreciation of road goods vehicles (b)	180	197
Rates, excluding water rates	549	875
Hire of plant and machinery	115	158
Postage, telephone, telegrams, cables and telex (c)	508	521
Total	1,864	2,569

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

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)	2.0	0.7
May	2.0	0.2
June	8.0	38.6
July	0.0	0.0
August	4.0	1.2
September	6.0	1.8
October	4.0	0.8
November	0.0	0.0
December	32.0	27.3
1969		
January	2.0	0.6
February	2.0	0.4
March	36.0	28.2
April (b)	2.0	0.4
	100	100

<sup>(</sup>a) From 6 April.

<sup>(</sup>b) For details see Table 11.

<sup>(</sup>c) Excluding telex for 1963.

<sup>(</sup>b) To 5 April.

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<sup>12-14 (12)</sup> William Rough States (14) 15-14 (15) 15-14