



BOARD OF TRADE

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Report on the Census of Production 1963

66 Railway carriages, wagons and trams

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

Notes

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

GENERAL INFORMATION

Changes in the 1963 census

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

Industrial Classification

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

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

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

TERMS USED IN THE CENSUS REPORT

Average number employed

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

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

Working Proprietors

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

Employees

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

Capital Expenditure

- (i) New building work.

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

66 Railway carriages, wagons and trams

This Report on the Railway Carriages, Wagons and Trams Industry relates to establishments engaged wholly or mainly in manufacturing and repairing railway coaches (including those embodying motive units), wagons, trucks, brake vans, axle boxes, etc.; tramcars; and colliery and other trams and tubs, etc.

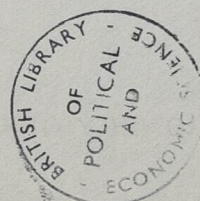
This industry corresponds to minimum list heading 385 in the Standard Industrial Classification (Consolidated edition, 1963).

With certain exceptions, as shown in the List of Tables, the tables in this report are in two parts: Part A relates to railway workshops and Part B to other manufacturers. Returns in full detail were obtained for all railway workshops and from other manufacturers employing twenty-five or more persons.

The output of railway workshops is valued at cost, i.e., a sum calculated to cover the cost of labour and materials together with such a proportion of the general establishment charges properly applicable to the output concerned but without any allowance for profit. The output of other manufacturers is, however, valued at selling prices and therefore includes profit.

There were no establishments in this industry in Northern Ireland in 1954, 1958 or 1963.

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



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14	Sales of all parts of machinery and plant by larger firms, including sales by establishments classified to other industries, 1958 and 1963		DOES NOT APPLY	

TABLE 1 Industry summary: United Kingdom

Estimates for all railway workshops and other manufacturers, 1958 and 1963 (a)

	Unit	1958	1963
Number of enterprises	No.	92	46
Number of establishments	"	263	140
Gross output	£'000	150,479	74,911
Net output	"	52,593	38,202
Net output per head	£	773	925
Sales and work done	£'000	148,863	75,215(b)
	"	1,112	918
Purchases	"	95,845	28,669
	"		780
Payments to other organisations	"	991	824
	"	613	361
Stocks and work in progress			
Total stocks and work in progress	"	+ 67	- 7,296
	"	55,360	17,284
Goods on hand for sale	"	+ 47	+ 18
	"	573	398
Work in progress	"	+ 457	- 1,239
	"	22,204	4,516
Materials, stores and fuel	"	- 437	- 6,076
	"	32,583	12,370
Average number employed	Th.	68.1	41.3
	"	59.8	35.5
	"	8.3	5.7
Wages and salaries	£'000	34,918	26,078
	"	5,699	4,922
Employers' contributions to National Insurance and private pension schemes, etc. (d)	"	..	2,438
Capital expenditure (e)			
Total	"	..	802
New building work	"	858	780
Land and existing buildings (f)	"	..	- 522
Plant and machinery (f)	"	1,578	479
Vehicles (f)	"	75	66

(a) For 1963, estimates for small firms and for firms not making satisfactory returns accounted for about 1 per cent. of the total figures in which they were incorporated. (For 1958 the comparable figures was also about 1 per cent.) Summaries of the detailed returns received are given in Tables 2A and 2B.

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

(c) Administrative, technical and clerical employees.

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

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

(f) Acquisitions less disposals.

PART A - RAILWAY WORKSHOPS

TABLE 2A Summary of returns received, 1958 and 1963

All establishments: United Kingdom (a)

	Unit	1958	1963	
Number of enterprises	No.	1	1	
Number of establishments	"	20	20	
Gross output	£'000	74,253	47,230	
Net output	"	25,605	24,862	
Net output per head	£	655	868	
Sales and work done	{ goods produced and work done	£'000	71,895	47,817(b)
	{ merchanted goods and canteen takings	"	8	629
Index of specialisation (c)	Per cent.	97	94	
Purchases	{ materials for processing and packaging, and fuel	£'000	50,861	15,380
	{ goods for merchenting and canteen purchases	"		502
Payments to other organisations	{ for work done on materials given out	"	103	704
	{ for transport	"	21	57
Stocks and work in progress				
Goods on hand for sale	{ change during year	"	+ 21	- 39
	{ at end of year	"	243	160
Work in progress	{ change during year	"	+ 2,329	- 1,178
	{ at end of year	"	11,354	1,220
Materials, stores and fuel	{ change during year	"	+ 2,337	- 5,726
	{ at end of year	"	25,898	9,697
Average number employed	{ total	No.	39,096	28,645
	{ operatives	"	35,320	25,478
	{ other employees (d)	"	3,776	3,167
Wages and salaries	{ of operatives	£'000	20,486	18,708
	{ of other employees (d)	"	2,490	2,825
Wages and salaries per head	{ operatives	£	580	734
	{ other employees (d)	"	659	892
Employers' contributions to National Insurance (e)	£'000	..	959	
Employers' contributions to private pension schemes, etc. (f)	"	..	881	
Capital expenditure (g)				
New building work	"	457	735	
Land and existing buildings	{ acquisitions	"	..	-
	{ disposals	"	..	-
Plant and machinery	{ acquisitions	"	537	338
	{ disposals	"	3	67
Vehicles	{ acquisitions	"	7	15
	{ disposals	"	-	-

For notes to this table - see page 66/5

PART A - RAILWAY WORKSHOPS

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

This table is not applicable to this part of the industry.

PART A - RAILWAY WORKSHOPS

TABLE 4 (COVERING PARTS A AND B OF THIS REPORT) Percentage analysis of employees, by age and sex, all railway workshops and other manufacturers, 1963; United Kingdom (a)

Ages	Males	Females	All employees
	Per cent.	Per cent.	Per cent.
Under 18	3	1	4
18 and over	91	5	96
All ages	94	6	100

Source: Ministry of Labour

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

Footnotes to Table 2A.

- (a) British Transport Commission did not record any workshops employing fewer than 25 persons for 1958 and 1963.
- (b) Including services rendered to other organisations (amounts charged for hiring out plant, machinery and other goods, for providing transport, or for technical or other services rendered).
- (c) This is the ratio of total sales of principal products by the industry to total sales of goods produced and work done.
- (d) Administrative, technical and clerical employees.
- (e) Including both flat rate and graduated contributions.
- (f) Including pensions and gratuities paid other than from pension funds.
- (g) Excluding expenditure for establishments not yet in production.

PART A - RAILWAY WORKSHOPS

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

United Kingdom

	1958			1963			
	Quantity		Value	Quantity		Value	Entries
	Number	Tons	£'000	Number	Tons	£'000	Number
Railway carriages, excluding diesel railcars (a)							
Complete							
Power driven (i.e. with traction motors driven by a current originating outside the unit)	145	5,728	3,221	62	2,580	1,287	*
Other types	779	23,451	6,105	531	..	5,676	6
Parts (except axles, tyres, wheels, internal combustion engines and electric motors)	..	..	315	..	..	1,826	8
Diesel railcars (b)							
Complete							
Power cars for multiple unit railcars	337	10,516	5,258	20	832	557	*
Trailer cars for multiple unit railcars				20	645	316	*
Not designed as part of a multiple unit, bogie types				-	-	-	-
Parts (except axles, tyres, wheels, internal combustion engines and electric motors)	..	..	334	..	..	669	6
Railway wagons and trucks							
Complete, exceeding 3ft. in gauge	13,179	116,478	12,299	2,925	..	3,502	6
Parts (except axles, tyres and wheels)	..	..	1,808	..	..	1,977	8
Unclassified parts of railway carriages, diesel railcars, railway wagons and trucks, rail trolleys, etc. (except axles, tyres, wheels, internal combustion engines and electric motors)	..	..	1,859	-	-	-	-
Road/rail containers	4,200	..	1,105	..	..	39	*
Other products	..	..	280	..	..	473	6
Waste products	Th. tons	..	..	Th. tons	..	..	..
Scrap iron and steel	118	..	1,167	161	..	1,692	19
Other waste products	..	..	1,003	..	..	454	17
Repair work done, including repairing contracts (c)							
Railway carriages and wagons, railcars, colliery and other trams and tubs, etc.	}	}	32,517	}	}	24,569	19
Other repair work (excluding repairs of locomotives, road motor vehicles and machinery and plant)						578	14

PART A - RAILWAY WORKSHOPS

TABLE 5A (continued)

	1958		1963		
	Quantity	Value	Quantity	Value	Entries
Other work done, on commission, sub-contract work, etc. (e.g. machining and turning)		£'000		£'000	
		3,214		1,605	*
Total		70,486		45,220	..
Sales in other industries (see Table 6A)		661		189	..
Principal products of this industry sold by establishments in the industry		69,825		45,031	19(d)

(a) Railcars of all kinds were excluded for 1958.

(b) Described for 1958 as Railcars, excluding electric cars operated from a current originating outside the unit.

(c) For 1958 structural work was included but the values of goods made by the establishments and used in the work were specifically excluded and shown against the appropriate headings.

(d) This figure represents the total number of returns made in this part of the industry, which is less than the total number of establishments shown in Table 2A on account of a combined return covering two establishments.

PART A - RAILWAY WORKSHOPS

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

United Kingdom

	1958	1963		
	Value	Value	Entries	Industry in which produced (a)
	£'000	£'000	Number	
Parts of diesel railcars (except axles, tyres, wheels, internal combustion engines and electric motors)	-	134	*	65
Parts of railway wagons and trucks (except axles, tyres and wheels)	-	55	*	65
Unclassified parts of railway carriages, railcars, railway wagons and trucks, rail trolleys, etc. (except axles, tyres, wheels, internal combustion engines and electric motors)	661	-	-	
Total	661	189	..	

(a) The reference given is to the list of industries at the back of this report.

PART A - RAILWAY WORKSHOPS

TABLE 7A Sales of other than principal products, 1958 and 1963

Establishments in the industry: United Kingdom

	1958	1963
	Value	Value
	£'000	£'000
Motor vehicles, complete (a)	64	24
Locomotive parts	-	42
Railway signals, mechanical	-	12
Other products	453	324
Repair work on machinery and plant (b)	860	523
Locomotive repair work	622	44
Motor vehicle repair work	70	175
Services rendered to other organisations (c)	..	1,642
Total value of goods sold without having been subjected to any manufacturing process (merchanted or factored)	-	625
Canteen takings	8	5
Total	2,078(d)	3,415

(a) Described as Motor vehicle bodies complete, goods and commercial and delivery vans (including utilities) for 1958.

(b) Described as General engineering repair and jobbing work for 1958.

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

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

PART A - RAILWAY WORKSHOPS

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

This table is not applicable to this industry.

PART A - RAILWAY WORKSHOPS

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

This table is not applicable to this industry.

PART A - RAILWAY WORKSHOPS

TABLE 10A Purchases, 1954 and 1963

Establishments in the industry: United Kingdom

	1954		1963	
	Quantity	Cost	Quantity	Cost
	Th. tons	£'000	Th. tons	£'000
Materials for processing				
Iron castings (a)	10.7	349	4.4	336
Steel				
Ingots, blooms, billets, slabs, and sheet and tinsplate bars (b)	3.3	123	1.5	75
Bars and rods (including wire rods), angles, shapes and sections, girders, beams, joists and pillars rolled (not fabricated), including tube rounds and squares (c)	97.6	3,240	19.5	984
Plates, 3 mm. thick and over	45.2	1,737	10.6	541
Hoop and strip (including tape of all thicknesses)			..	2
Sheets under 3 mm. thick (including electrical sheets)	..	(d)	2.0	128
Forgings (except drop forgings)	1.2	89	0.9	115
Castings	11.2	646	4.4	455
Axles, tyres and wheels	74.4	3,378	15.1	1,196
Iron and steel not elsewhere specified except finished parts, wire and scrap	..	349		
Wrought tubes and fittings for wrought tubes (including welded, seamless, conduits, etc.)	1.5	96	0.9	45
Other	..	(d)	..	10
Aluminium and aluminium alloys in all forms except finished parts, wire and scrap	..	(d)	0.2	59
Springs, laminated and other types	..	713	..	274
Bolts, rivets, nuts and washers, screws, nails, tacks, etc.	..	(d)	..	623
	Th. gal.		Th. gal.	
Paint and varnish (including lacquers and stains)	711	501	289	245
			Th. cwt.	
Glass (including plate and sheet)	..	141	8.6	36
Woven piece goods (other than narrow fabrics) wholly or mainly of (e)	Th. sq. yds.		Th. sq. yds.	
Cotton	218	36	268	48
	..	58		
Wool	455	526	194	186
	..	121		
Synthetic fibres (nylon, etc.)	..	(d)	3	1
Other man-made fibres (rayon, etc.)	..	(d)	..	9
Woven and tufted floor coverings	..	(d)	55	13
			..	52

Continued on next page

PART A - RAILWAY WORKSHOPS

TABLE 10A (continued)

	1954		1963	
	Quantity	Cost £'000	Quantity	Cost £'000
Materials for processing (continued)				
Leathercloth and decorative thermoplastic sheet (f)	..	36	..	43
Timber	Th.stds.		Th.stds.	
Softwood, sawn or planed but not further prepared or manufactured	39.5	2,814	4.8	410
	Th.cu.ft.		Th.cu.ft.	
Hardwood, sawn or planed, but not further prepared or manufactured	2,199	1,204	166	126
	Th.sq.ft.		Th.sq.ft.	
Plywood, including blockboard, laminboard and battenboard	4,851	396	2,524	179
Plastic goods moulded and fabricated (including components and fittings)	..	139	..	88
Machinery components and machinery accessories for incorporation in the finished products of the industry				
Brake gear	..	719	..	329
Automatic couplings	..	..	..	34
Ball and roller bearings and parts thereof	..	40	..	195
Traction and other electric motors and parts thereof	..	1,311	..	492
Electrical equipment, including batteries and accumulators, not elsewhere specified	..	1,023	..	708
All other components, not elsewhere specified	..	4,144	..	3,161
			Th.gal.	
			767	106
Lubricating oils and greases (including cutting oils and emulsions)	..	(d)	Th.cwt.	
			14.4	36
Replacement parts for workshops' own machinery, plant and vehicles and accessories and consumable tools bought as replacement	..	874	..	373
All other materials for processing	..	5,310	..	2,476
Packaging materials	..	(d)	..	1
Fuel and electricity (g)				
	Th.tons		Th.tons	
Coal	77.5	251	64.3	335
Coke (including screenings) and manufactured fuel	10.7	52	10.0	76
	Th.gal.		Th.gal.	
Derv fuel and motor spirit for use in road vehicles	116	20	82.4	13
Other liquid fuels (including creosote/pitch mixtures, etc., and liquefied petroleum gases)	1,223	49	2,158	82

PART A - RAILWAY WORKSHOPS

TABLE 10A (continued)

	1954		1963	
	Quantity	Cost £'000	Quantity	Cost £'000
Fuel and electricity (g) (continued)				
	Th.therms		Th.therms	
Gas	1,807	86	1,892	129
	Th.kWh		Th.kWh	
Electricity	50,863	310	55,406	419
Total cost of materials and fuel		30,881		15,380
Goods purchased for merchandising		..		498
Canteen purchases		..		4
Total cost of purchases		..		15,882

(a) Described in 1954 as Iron in all other forms except finished parts and scrap.

(b) Sheet and tinplate bars were not included in 1954.

(c) Pillars rolled (not fabricated), including tube rounds and squares were not included in 1954.

(d) Not recorded separately in 1954.

(e) Narrow fabrics were not excluded in 1954.

(f) Described in 1954 as Leathercloth.

(g) The total quantity of electricity generated in establishments in this industry was 18 Th.kWh in 1954. None was recorded for 1963.

PART A - RAILWAY WORKSHOPS

TABLE 11A Transport costs and employment, 1963

All establishments: United Kingdom

	Unit	1963
Average number employed mainly on transport	No.	36
Transport costs		
Wages and salaries	£'000	28
Derv fuel and motor spirit	"	13
Payments to other organisations for transport	"	57
Costs of operating road goods vehicles		
Insurance	"	-
Vehicle licences	"	1
Depreciation	"	3
Payments to other organisations for repairs and maintenance	"	4
Total	"	106

PART A - RAILWAY WORKSHOPS

TABLE 12A Payments for certain services, etc., 1963 (a)

All establishments: United Kingdom

	Amounts payable
Repairs and maintenance to	£'000
Buildings	185
Road goods vehicles	4
Plant, machinery, and other capital equipment	50
Insurance, licensing and depreciation of road goods vehicles (b)	4
Rates, excluding water rates	40
Hire of plant and machinery	141
Postage, telephone, telegrams and cables	18
Total	442

(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 11A.

PART A - RAILWAY WORKSHOPS

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

This table is not applicable to this part of the industry.

PART A - RAILWAY WORKSHOPS

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

This table is not applicable to this industry.

PART B - OTHER MANUFACTURERS

TABLE 2B Summary of returns received, 1958 and 1963

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

	Unit	1958	1963	
Number of enterprises	No.	63	33	
Number of establishments	"	168	107	
Gross output	£'000	74,036	26,514	
Net output	"	26,213	12,778	
Net output per head	£	932	1,055	
Sales and work done	{ goods produced and work done	£'000	74,757	26,242(b)
	{ merchant goods and canteen takings	"	1,073	276
Index of specialisation (c)	Per cent.	91	75	
Purchases	{ materials for processing and packaging, and fuel	£'000	43,692	12,728
	{ goods for merchanting and canteen purchases	"			266
Payments to other organisations	{ for work done on materials given out	"	862	115
	{ for transport	"	575	291
Stocks and work in progress				
Goods on hand for sale	{ change during year	"	+ 25	+ 55
	{ at end of year	"	321	227
Work in progress	{ change during year	"	- 1,819	- 59
	{ at end of year	"	10,538	3,156
Materials, stores and fuel	{ change during year	"	- 2,694	- 335
	{ at end of year	"	6,493	2,561
Average number employed	{ total, including working proprietors	No.	28,120	12,107
	{ operatives	"	23,775	9,851
	{ other employees (d)	"	4,343	2,450
Wages and salaries	{ of operatives	£'000	14,029	7,063
	{ of other employees (d)	"	3,119	2,010
Wages and salaries per head	{ operatives	£	590	732
	{ other employees (d)	"	718	820
Employers' contributions to National Insurance (e)	£'000	..	369	
Employers' contributions to private pension schemes, etc. (f)	"	..	204	
Capital expenditure (g)				
New building work	"	391	42	
Land and existing buildings	{ acquisitions	"	..	67
	{ disposals	"	..	567
Plant and machinery	{ acquisitions	"	1,073	283
	{ disposals	"	49	84
Vehicles	{ acquisitions	"	105	79
	{ disposals	"	38	30

For notes to this table - see page 66/16

PART B - OTHER MANUFACTURERS

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

(i) Output, employment, capital expenditure and stocks

Firms employing 25 or more persons: United Kingdom

Average number employed by the enterprise in the industry (a)	Enterprises	Establishments	Average number employed (a)	Gross output	Net output	Net output per head	Capital expenditure (b)	Total value of stocks and work in progress at end of year
	Number	Number	Number	£'000	£'000	£	£'000	£'000
25-49	6	6	230	338	192	834	11	32
50-99	9	13	624	960	676	1,083	- 6	98
100-199	7	21	1,178	2,144	1,166	989	47	417
200-399	3	8	820	1,895	919	1,120	89	179
400-749	4	6	2,365	5,596	1,977	836	48	2,259
750 and over	4	53	6,890	15,581	7,849	1,139	-398	2,959
Total	33	107	12,107	26,514	12,778	1,055	-210	5,944

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

Firms employing 25 or more persons: United Kingdom

Average number employed by the enterprise in the industry (a)	Employees		Wages and salaries		Employers' contributions		Wages and salaries per head	
	Operatives	Others (c)	Operatives	Others (c)	National Insurance (d)	Private pension schemes, etc. (e)	Operatives	Others (c)
25-49	189	41	114	39	6	3	605	953
50-99	522	99	317	96	14	6	608	965
100-199	1,007	168	637	139	36	16	633	828
200-399	628	192	431	152	33	8	687	789
400-749	1,731	634	1,135	509	69	37	656	803
750 and over	5,574	1,316	4,427	1,075	210	134	794	817
Total	9,651	2,450	7,063	2,010	369	204	732	820

(a) Including working proprietors.

(b) Acquisitions less disposals.

(c) Administrative, technical and clerical employees.

(d) Including both flat rate and graduated contributions.

(e) Including pensions and gratuities paid other than from pension funds. These amounted in total to £80,000.

PART B - OTHER MANUFACTURERS

TABLE 4 Percentage analysis of employees, by age and sex, all railway workshops and other manufacturers, 1963: United Kingdom

This table, covering parts A and B of the report, is shown following Table 3A in part A.

PART B - OTHER MANUFACTURERS.

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

Firms employing 25 or more persons: United Kingdom

	1958			1963				
	Quantity		Value	Quantity		Value	Enterprises	Entries
	Number	Tons	£'000	Number	Tons	£'000	Number	Number
Railway carriages, excluding diesel railcars (a)								
Complete								
Power driven (i.e. with traction motors driven by a current originating outside the unit)	79 31	4,741 ..	2,716 1,003	232	5,747	2,077	*	*
Other types	1,042	..	9,532						130	..	1,192	*	*
Parts (except axles, tyres, wheels, internal combustion engines and electric motors)	..	..	1,444	..	..	2,286	6	6
Diesel railcars (b)								
Complete								
Power cars for multiple unit railcars				-	-	-	-	-
Trailer cars for multiple unit railcars	332 ..	9,524 ..	5,525 2,575	-	-	-	-	-
Not designed as part of a multiple unit								
Bogie types								
Other, including powered trolleys and powered man-riding cars	103 ..	202 ..	168 1,190	..	..	425	*	*
Parts (except axles, tyres, wheels, internal combustion engines and electric motors)	..	..	163	..	..	262	*	*
Railway wagons and trucks								
Complete								
Exceeding 3 ft. in gauge	22,708 ..		22,778 4,484	4,078		6,102	10	11
Not exceeding 3 ft. in gauge (including colliery tubs, trams and trucks)	34,805 ..		2,369 608	13,975		1,112	5	6
Parts (except axles, tyres and wheels)	..		3,594	..		1,655	11	17
Hand-operated rail trolleys and cars, including parts, road/rail containers and rail vehicle bodies	..		592	-		-	-	-
Other and unclassified parts of railway carriages, diesel railcars, railway wagons and trucks, rail trolleys, etc. (except axles, tyres, wheels, internal combustion engines and electric motors)	..		2,974	..		1,029	*	*
Other products	..		555	..		340	6	7
Waste products		Th. tons			Th. tons			
Scrap iron and steel	110 ..		1,081 102	68.0 ..		723 882	26	37
Other waste products	..		123	..		67			9	13

Continued on next page

PART B - OTHER MANUFACTURERS

TABLE 5B (continued)

	1958		1963			
	Quantity	Value £'000	Quantity	Value £'000	Enter- prises Number	Entries Number
Repair work done, including repairing contracts (c)						
Railway carriages and wagons, railcars, colliery and other trams and tubs, etc.		11,260		6,719	25	39
Other repair work (excluding repairs of locomotives, road motor vehicles and machinery and plant)				295	10	14
Other work done, on commission, sub-contract work, etc. (e.g. machining and turning)		190				
Total		75,027		25,166	..	..
Sales in other industries (see Table 6B)		6,978		5,471	..	..
Principal products of this industry sold by establishments in the industry		68,048		19,695	33	49(d)

- (a) Railcars of all kinds were excluded for 1958.
 (b) Described for 1958 as Railcars, excluding electric cars operated from a current originating outside the unit.
 (c) For 1958 structural work was included but the values of goods made by the establishments and used in the work were specifically excluded and shown against the appropriate headings.
 (d) This figure represents the total number of returns made in this part of the industry, which is less than the total number of establishments shown in Table 2B on account of combined returns covering more than one establishment.

Footnotes to Table 2B.

- (a) The following information relates to small firms (employing fewer than 25 persons) in this industry. It includes an estimate for small firms not making satisfactory returns, which account for 4 per cent. of the employment shown for 1963 and 3 per cent. for 1958.

	1958	1963
Number of firms	74	11
Average number employed:		
Working proprietors	798	7
Other persons employed		126

- (b) Including services rendered to other organisations (amounts charged for hiring out plant, machinery and other goods, for providing transport, or for technical or other services rendered).
 (c) This is the ratio of total sales of principal products by the industry to total sales of goods produced and work done.
 (d) Administrative, technical and clerical employees.
 (e) Including both flat rate and graduated contributions.
 (f) Including pensions and gratuities paid other than from pension funds.
 (g) Excluding expenditure for establishments not yet in production.

PART B - OTHER MANUFACTURERS

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

Firms employing 25 or more persons: United Kingdom

	1958		1963			
	Quantity	Value £'000	Quantity	Value £'000	Entries Number	Principal industries in which produced (a)
Parts of railway carriages, excluding diesel railcars (except axles, tyres, wheels, internal combustion engines and electric motors) (b)	..	556				
Diesel railcars, not designed as part of a multiple unit, other than bogie types, complete and parts of all types of diesel railcars (except axles, tyres, wheels, internal combustion engines and electric motors) (c)	..	1,629	..	2,194	5	37,40,49,124
Railway wagons and trucks	Number					
Complete	{ 699 1,435	{ 2,750 325				
Parts (except axles, tyres and wheels)	..	115	..	3,277	9	37,49,52,62
Other and unclassified parts of railway carriages, diesel railcars, railway wagons and trucks	..	1,604(d)				
Total		6,978		5,471	..	

- (a) The references given are to the list of industries at the back of this report.
 (b) Parts of all kinds of railcars were excluded for 1958.
 (c) Described for 1958 as Railcars, excluding electric cars operated from a current originating outside the unit, complete and parts (except axles, tyres, wheels, internal combustion engines and electric motors).
 (d) Including parts of rail trolleys.

PART B - OTHER MANUFACTURERS

TABLE 7B Sales of other than principal products, 1958 and 1963

Firms employing 25 or more persons: United Kingdom

	1958	1963
	Value	Value
	£'000	£'000
Mechanical handling equipment, complete and parts	6,708	552
Mining machinery, complete and parts		491
Other machinery, complete and parts		646
Other engineering products		1,632
Other products		3,016
Services rendered to other organisations (a)	..	210
Total value of goods sold without having been subjected to any manufacturing process (merchanted or factored)	1,039	263
Canteen takings	34	13
Total	7,781(b)	6,823

(a) Amounts charged for hiring out plant, machinery and other goods, for providing transport, or for technical and other services rendered.

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

PART B - OTHER MANUFACTURERS

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

This table is not applicable to this industry.

PART B - OTHER MANUFACTURERS

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

This table is not applicable to this industry.

PART B - OTHER MANUFACTURERS

TABLE 10B Purchases, 1954 and 1963

Firms in the industry employing 25 or more persons: United Kingdom

	1954		1963			
	Quantity	Cost	Quantity	Cost		
	Th.tons	£'000	Th.tons	£'000		
Materials for processing						
Iron castings (a)	9.4	349	8.2	332		
Steel						
Ingots, blooms, billets, slabs, and sheet and tinplate bars (b)	31.7	1,047	3.4	150		
Bars and rods (including wire rods), angles, shapes and sections, girders, beams, joists and pillars rolled (not fabricated), including tube rounds and squares (c)	166	5,476	23.2	993		
Plates, 3 mm. thick and over	142	4,883	32.4	1,450		
Hoop and strip (including tape of all thicknesses)			..	235		
Sheets under 3 mm. thick (including electrical sheets)	..	(d)	0.8	44		
Forgings (except drop forgings)	5.2	398	0.5	47		
Castings	..	46				
Axles, tyres and wheels	28.1	2,066	4.0	510		
Iron and steel not elsewhere specified except finished parts, wire and scrap	88.8	6,368	..	108		
Wrought tubes and fittings for wrought tubes (including welded, seamless, conduits, etc.)			0.6	50	7.2	706
Other			..	7	0.2	24
Aluminium and aluminium alloys in all forms except finished parts, wire and scrap	6.2	153	..	44		
Springs, laminated and other types	..	(d)	5.3	243		
Bolts, rivets, nuts and washers, screws, nails, tacks, etc.	..	1,257	1.3	548		
Paint and varnish (including lacquers and stains)	..	(d)	..	226		
Timber	Th.gal.		Th.gal.			
Softwood, sawn or planed but not further prepared or manufactured	428	375	152	188		
Hardwood, sawn or planed, but not further prepared or manufactured	Th.stds.		Th.cwt.			
Plywood, including blockboard, laminboard and battenboard	17.6	1,370	0.6	1		
Plastic goods moulded and fabricated, (including components and fittings)	Th.cu.ft.		Th.stds.			
Iron castings (a)	2,181	1,334	2.0	172		
Steel	Th.sq.ft.		Th.cu.ft.			
Ingots, blooms, billets, slabs, and sheet and tinplate bars (b)	1,130	152	111	91		
Bars and rods (including wire rods), angles, shapes and sections, girders, beams, joists and pillars rolled (not fabricated), including tube rounds and squares (c)	..	6	..	55		
Plates, 3 mm. thick and over	..		106	13		
Hoop and strip (including tape of all thicknesses)	..		..	104
Sheets under 3 mm. thick (including electrical sheets)	..		..	17

Continued on next page

PART B - OTHER MANUFACTURERS

TABLE 10B (continued)

	1954		1963	
	Quantity	Cost £'000	Quantity	Cost £'000
Materials for processing (continued)				
Machinery components and machinery accessories for incorporation in the finished products of the industry				
Brake gear	..	1,251	..	156
Automatic couplings	..	108	..	220
Ball and roller bearings and parts thereof	..	137	..	7
Traction and other electric motors and parts thereof	..	639	..	100
Electrical equipment, including batteries and accumulators, not elsewhere specified	..	5,856	..	2,131
All other components, not elsewhere specified			Th. gal. 269	40
Lubricating oils and greases (including cutting oils and emulsions)	..	(d)	Th. cwt. 1.8	6
Replacement parts for firms' own machinery, plant and vehicles, and accessories and consumable tools bought as replacement	..	832	..	364
All other materials for processing	..	3,914	..	1,948
Packaging materials	..	(d)	..	25
Fuel and electricity (e)				
Coal	Th. tons 99.5	322	Th. tons 28.0	150
Coke (including screenings) and manufactured fuel	27.6	161	7.4	61
	Th. gal.		Th. gal.	
Derv fuel and motor spirit for use in road vehicles	352	69	122	26
			..	6
Other liquid fuels (including creosote/pitch mixtures, etc., and liquefied petroleum gases)	2,165	102	1,829	100
	..	37	..	58
Gas	Th. therms 4,956	165	Th. therms 1,393	69
Electricity	Th. kWh 79,236	425	Th. kWh 41,254	250
			..	66
Total cost of materials and fuel		39,354		12,728
Goods purchased for merchanting		..		248
Canteen purchases		..		18
Total cost of purchases		..		12,994

(a) Described in 1954 as Iron in all other forms except finished parts and scrap.

(b) Sheet and tinplate bars were not included in 1954.

(c) Pillars rolled (not fabricated), including tube rounds and squares were not included in 1954.

(d) Not recorded separately in 1954.

(e) The total quantity of electricity generated in firms' own establishments in this industry was 3,995 Th.kWh in 1954. Owing to the risk of disclosure of information relating to individual firms the quantity for 1963 cannot be given.

PART B - OTHER MANUFACTURERS

TABLE 11B Transport costs and employment, 1963

Firms employing 25 or more persons: United Kingdom

	Unit	1963
Average number employed mainly on transport	No.	72
Transport costs		
Wages and salaries	£'000	56
Derv fuel and motor spirit	"	32
Payments to other organisations for transport	"	291
Costs of operating road goods vehicles		
Insurance	"	7
Vehicle licences	"	5
Depreciation	"	35
Payments to other organisations for repairs and maintenance	"	7
Total	"	434

PART B - OTHER MANUFACTURERS

TABLE 12B Payments for certain services, etc., 1963 (a)

Firms employing 25 or more persons: United Kingdom

	Amounts payable £'000
Repairs and maintenance to	
Buildings	70
Road goods vehicles	7
Plant, machinery, and other capital equipment	70
Insurance, licensing and depreciation of road goods vehicles (b)	47
Rates, excluding water rates	274
Hire of plant and machinery	15
Postage, telephone, telegrams and cables	72
Total	556

(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 11B.

PART B - OTHER MANUFACTURERS

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

Firms employing 25 or more persons:
United Kingdom

Year ended	Percentage of total number employed	Year ended	Percentage of total number employed
1963	Per cent.	1963 (contd.)	Per cent.
April	-	November	-
May	0.3	December	42.9
June	9.2		
July	3.9	1964	
August	0.3	January	-
September	12.0	February	-
October	-	March	31.4
		Total	100

PART B - OTHER MANUFACTURERS

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

This table is not applicable to this industry.

Notes - continued from page ii

Capital Expenditure (continued)

(ii) Land and existing buildings.

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

(iii) Plant, machinery and vehicles.

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

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

Characteristic Products

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

Enterprise

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

Entries

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

Establishment

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

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

Gross Output

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

Larger Firms

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

Net Output

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

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

Net output per person employed

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

Principal Products

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

Production

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

Purchases

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

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

Sales

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

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

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

Services rendered

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

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

Small Firms

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

Stocks and Work in Progress

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

Transport Payments

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

Wages and Salaries

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

Work given out

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

Symbols used

The following symbols are used throughout the report:

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

Rounding of Figures

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

List of Industry Reports, etc

Part No. and title

- 1 Introductory Notes
- 2 Coal Mining
- 3 Stone and Slate Quarrying and Mining
- 4 Chalk, Clay, Sand and Gravel Extraction
- 5 Metalliferous Mining and Quarrying
- 6 Salt and Miscellaneous Non-metalliferous Mining and Quarrying
- 7 Grain Milling
- 8 Bread and Flour Confectionery
- 9 Biscuits
- 10 Bacon Curing, Meat and Fish Products
- 11 Milk Products
- 12 Sugar
- 13 Cocoa, Chocolate and Sugar Confectionery
- 14 Fruit and Vegetable Products
- 15 Animal and Poultry Foods
- 16 Margarine
- 17 Starch and Miscellaneous Foods
- 18 Brewing and Malting
- 19 Spirit Distilling and Compounding
- 20 Soft Drinks, British Wines, Cider and Perry
- 21 Tobacco
- 22 Coke Ovens and Manufactured Fuel
- 23 Mineral Oil Refining
- 24 Lubricating Oils and Greases
- 25 Dyestuffs
- 26 Fertilizers and Chemicals for Pest Control
- 27 General Chemicals
- 28 Pharmaceutical Preparations
- 29 Toilet Preparations
- 30 Explosives and Fireworks
- 31 Paint and Printing Ink
- 32 Vegetable and Animal Oils and Fats
- 33 Soap, Detergents, Candles and Glycerine
- 34 Synthetic Resins and Plastics Materials
- 35 Polishes
- 36 Gelatine, Adhesives, etc.
- 37 Iron and Steel (General)
- 38 Steel Tubes
- 39 Iron Castings, etc.
- 40 Non-ferrous Metals
- 41 Agricultural Machinery (except Tractors)
- 42 Metal-working Machine Tools
- 43 Engineers' Small Tools and Gauges
- 44 Industrial Engines
- 45 Textile Machinery and Accessories
- 46 Contractors' Plant and Quarrying Machinery
- 47 Mechanical Handling Equipment
- 48 Office Machinery
- 49 Miscellaneous (Non-electrical) Machinery
- 50 Industrial Plant and Steelwork
- 51 Ordnance and Small Arms
- 52 General Mechanical Engineering
- 53 Scientific, Surgical and Photographic Instruments, etc.
- 54 Watches and Clocks
- 55 Electrical Machinery
- 56 Insulated Wires and Cables
- 57 Telegraph and Telephone Apparatus
- 58 Radio and Other Electronic Apparatus
- 59 Domestic Electrical Appliances
- 60 Miscellaneous Electrical Goods
- 61 Shipbuilding and Marine Engineering
- 62 Motor Vehicle Manufacturing
- 63 Motor Cycle, Three-wheel Vehicle and Pedal Cycle Manufacturing
- 64 Aircraft Manufacturing and Repairing
- 65 Locomotives and Railway Track Equipment
- 66 Railway Carriages and Wagons and Trams
- 67 Perambulators, Hand-trucks, etc.
- 68 Tools and Implements

Part No. and title

- 69 Cutlery
- 70 Bolts, Nuts, Screws, Rivets, etc.
- 71 Wire and Wire Manufactures
- 72 Cans and Metal Boxes
- 73 Jewellery, Plate and Refining of Precious Metals
- 74 Miscellaneous Metal Manufactures
- 75 Production of Man-made Fibres
- 76 Spinning and Doubling of Cotton, Flax and Man-made Fibres
- 77 Weaving of Cotton, Linen and Man-made Fibres
- 78 Woollen and Worsted
- 79 Jute
- 80 Rope, Twine and Net
- 81 Hosiery and Other Knitted Goods
- 82 Lace
- 83 Carpets
- 84 Narrow Fabrics
- 85 Household Textiles and Handkerchiefs
- 86 Canvas Goods and Sacks
- 87 Textile Finishing
- 88 Asbestos
- 89 Miscellaneous Textile Industries
- 90 Leather (Tanning and Dressing) and Fellmongery
- 91 Leather Goods
- 92 Fur
- 93 Weatherproof Outerwear
- 94 Men's and Boys' Tailored Outerwear
- 95 Women's and Girls' Tailored Outerwear
- 96 Overalls and Men's Shirts, Underwear, etc.
- 97 Dresses, Lingerie, Infants' Wear, etc.
- 98 Hats, Caps and Millinery
- 99 Corsets and Miscellaneous Dress Industries
- 100 Gloves
- 101 Footwear
- 102 Bricks, Fireclay and Refractory Goods
- 103 Pottery
- 104 Glass
- 105 Cement
- 106 Abrasives
- 107 Miscellaneous Building Materials, etc.
- 108 Timber
- 109 Furniture and Upholstery
- 110 Bedding and Soft Furnishings
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