

82 Motor vehicle manufacturing

This Report on the Motor Vehicle Manufacturing Industry relates to establishments engaged wholly or mainly in manufacturing and assembling passenger cars, commercial goods vehicles, road tractors solely for tractor-trailer combinations, buses, battery-electric vehicles, motor drawn trailers, caravans, three wheeled vehicles; in manufacturing engines, bodies, chassis, chassis frames, seats and seat safety belts for motor vehicles, cabs for commercial vehicles and motor body shells; and in manufacturing all other parts and accessories (other than rough or semi-finished castings and forgings) when made wholly or primarily of metal and not reported elsewhere. Establishments specialising in reconditioning of engines and gear boxes are included. Armoured fighting vehicles, powered invalid carriages and industrial trucks, passenger seating for public service vehicles, electrical accessories and other electrical equipment and parts and accessories made wholly or primarily of asbestos, glass, rubber or plastics are excluded.

This industry corresponds to minimum list heading 381 in the Standard Industrial Classification (Revised 1968) which has been used for the first time as a basis of classification in the 1968 Census.

The industry corresponds to the Motor Vehicle Manufacturing Industry (Part 62) in the Reports on the last detailed Census of Production for 1963, except that now included in this industry are oil filters and gears and gear wheels for motor vehicles formerly included in the Report on the General Mechanical Engineering Industry (Part 52); three wheel cars complete and chassis with engines therefor, including parts and accessories, formerly included in the Report on the Motor Cycle, Three-wheel Vehicle and Pedal Cycle Manufacturing Industry (Part 63); bumpers, fuel tanks, locks, springs and metal accessories for motor vehicles formerly included in the Report on the Miscellaneous Metal Manufactures Industry (Part 74); upholstered seats for cars and commercial vehicles formerly included in the Report on the Furniture and Upholstery Industry (Part 109), while wheeled and half-track tractors and parts thereof formerly included in the Report on this industry are now included in the Report on the Wheeled Tractor Manufacturing Industry (Part 81); powered industrial trucks and industrial tractors (of the type used in factories, warehouses, railway stations and docks) and parts thereof (except engines) also formerly included in the Report on this industry are now included in the Report on the Mechanical Handling Equipment Industry (Part 56).

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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(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.	1,357	1,567	
Number of establishments	"	1,679	2,005	
Gross output	£'000	2,030,199	2,581,092	
Net output	"	720,866	945,571	
Net output per head	£	1,659	2,069	
Sales and work done	{ goods produced and work done (c)	£'000	1,860,631	2,421,249
	{ merchanted goods and canteen takings	"	154,116	136,979
Purchases	{ materials for use in production and packaging and fuel	"	1,146,084	1,503,164
	{ goods for merchenting and canteen purchases	"	151,298	114,810
Payments to other organisations	{ for work done on materials given out for transport	"	12,364	15,722
	{ by road	"	10,099	16,259
	{ by rail and other means excluding postal services	"			2,114
Stocks and work in progress				
Total stocks and work in progress	{ change during year	"	+ 25,965	+ 39,411
	{ at end of year	"	324,488	474,995
Goods on hand for sale	{ change during year	"	+ 13,716	- 862
	{ at end of year	"	91,753	143,531
Work in progress	{ change during year	"	+ 1,736	+ 23,726
	{ at end of year	"	110,825	156,979
Materials, stores and fuel	{ change during year	"	+ 10,513	+ 16,548
	{ at end of year	"	121,910	174,485
Number employed on average during the year	{ total, including working proprietors	Th.	434.6	457.0
	{ operatives	"	344.4	354.6
	{ other employees (d)	"	88.4	100.9
Wages and salaries	{ of operatives	£'000	309,268	411,040
	{ of other employees (d)	"	87,612	138,578
Capital expenditure (e)				
Total	"	86,866	79,015	
New building work	"	25,574	11,520	
Land and existing buildings (f)	"	141	- 950	
Plant and machinery (f)	"	59,550	66,361	
Vehicles (f)	"	1,601	2,083	

(a) For 1968, estimates for establishments not making satisfactory returns and for small establishments, from which only employment data were collected, accounted for 3 per cent. of the total figures in which they were incorporated: of this, unsatisfactory returns accounted for 1 per cent. A similar situation existed in 1963.

(b) The following information relates to small establishments (employing fewer than 25 persons) in this industry. It includes an estimate for small establishments not making satisfactory returns.

	1963	1968
Number of establishments	955	1,206
Average number employed:		
Working proprietors	1,530	1,220
Other persons employed	8,006	10,881

Footnotes continued on page 82/2.

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	222	215	703	..	..	..
6-10	229	201	1,802	..	..	..
11-24	339	323	5,969	..	..	..
25-49	170	158	6,112	20,073	9,893	1,619
50-99	176	152	12,512	47,395	20,875	1,668
100-199	144	121	20,787	82,191	36,558	1,759
200-299	60	55	14,500	59,240	24,671	1,701
300-399	39	32	13,328	53,909	23,776	1,784
400-499	30	24	13,606	54,159	25,611	1,882
500-749	41	36	24,668	106,395	46,205	1,873
750-999	23	15	20,249	98,006	37,757	1,865
1,000-1,499	31	13	37,948	207,483	86,223	2,272
1,500-1,999	15	11	25,775	125,303	55,914	2,169
2,000-2,499	8	5	17,331	106,160	35,044	2,022
2,500-2,999	8	7	21,910	117,338	44,558	2,034
3,000-4,999	12	6	48,794	292,907	106,210	2,177
5,000-7,499	6	5	35,575	180,752	80,292	2,257
7,500 and over	10	3	129,217	949,868	281,718	2,180
Unsatisfactory returns	442	427	6,241	..	..	..
Total	2,005	1,567	457,027	2,581,092(c)	945,571(c)	2,069(c)

TABLE 2 (continued) (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	4,894	1,102	4,522	1,320	924	1,198
50-99	10,049	2,363	9,004	2,797	896	1,184
100-199	16,985	3,732	16,720	4,513	984	1,209
200-299	11,203	3,285	10,006	3,951	893	1,203
300-399	10,220	3,103	10,144	3,937	993	1,269
400-499	10,705	2,901	10,475	3,597	979	1,240
500-749	19,226	5,437	19,215	6,482	999	1,192
750-999	16,076	4,173	18,194	4,854	1,132	1,163
1,000-1,499	28,299	9,649	32,088	11,898	1,134	1,233
1,500-1,999	20,579	5,196	20,952	6,778	1,018	1,305
2,000-2,499	13,469	3,862	15,613	5,147	1,159	1,333
2,500-2,999	16,757	5,153	18,937	7,649	1,130	1,484
3,000-4,999	38,814	9,980	47,403	13,938	1,221	1,397
5,000-7,499	27,310	8,265	33,093	11,839	1,212	1,432
7,500 and over	99,490	29,727	132,586	45,808	1,333	1,541
Unsatisfactory returns	..	..	..	..	..	..
Total	354,584(c)	100,904(c)	411,040(c)	138,578(c)	1,159(c)	1,373(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	1	3
18 and over	85	12	97
All ages	87	13	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 49 establishments in 1968 and 46 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) For 1963 parts of motor cars, commercial vehicles and tractors were not separately distinguished, but returns with output showing wholly or mainly such sales have been classified as far as possible on the basis of comparable returns made for 1968; it follows therefore that figures for the two years are not strictly comparable.
- (d) 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.
- (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 £3,645,000 in 1968. Similar information is not available for 1963.
- (g) Characteristic products relate only to specific 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) Progress payments received for work in progress in 1968 from United Kingdom customers were recorded as £738,000 at the beginning of year and £1,425,000 at end of year, and from overseas customers as £325,000 at beginning of year and £631,000 at end of year. Similar information is not available for 1963.
- (j) Administrative, technical and clerical employees.
- (k) Excluding expenditure for establishments not yet in production.
- (l) Acquisitions less disposals.

TABLE 4 Analysis of larger establishments, 1963 and 1968

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

	Unit	Sub-divisions of the industry (b)			
		Motor vehicles complete and chassis with engines therefor			
		Cars, including taxis, station wagons, estate cars and three-wheel cars		Commercial vehicles, other than tractors and powered industrial trucks, but including motive units for articulated vehicles	
		01	02	01	02
		1963	1968	1963	1968
Number of enterprises (d)	No.	16	11	32	30
Number of establishments	"	52	43	47	46
Gross output	£'000	1,055,657	1,306,229	243,776	259,974
Net output	"	328,717	398,649	67,658	85,075
Net output per head	£	2,189	2,370	1,337	1,968
Sales and work done	£'000	929,580	1,192,694	218,166	248,093
	"	112,799	100,314	24,787	10,950
Sales of characteristic products (g)	"	632,393	858,046	152,772	177,225
Index of specialisation (h)	Per cent.	68	72	70	71
Purchases	£'000	612,561	814,695	156,085	166,791
	"	115,769	83,967	20,444	8,609
Payments to other organisations	"	2,291	2,335	959	719
	"	3,688	8,946	638	349
	"		1,268		144
Stocks and work in progress	"				
Goods on hand for sale	"	+ 13,032	- 2,171	+ 21	- 434
	"	58,495	93,942	15,803	18,076
Work in progress (i)	"	+ 247	+ 15,392	+ 802	+ 1,365
	"	38,790	66,362	18,041	20,621
Materials, stores and fuel	"	+ 7,368	+ 3,630	+ 2,010	+ 1,714
	"	50,291	70,143	22,499	30,499
Number employed on average during the year	No.	150,154	168,216	50,602	43,233
	"	119,132	128,120	37,945	32,396
	"	31,019	40,094	12,652	10,833
Wages and salaries	£'000	123,504	171,128	31,514	34,235
	"	34,329	62,505	10,792	12,817
Wages and salaries per head	£	1,037	1,336	831	1,057
	"	1,107	1,559	853	1,183
Capital expenditure (k)	£'000	19,252	4,257	658	1,327
New building work	"	888	914	75	
Land and existing buildings	"	126	1,505	393	1,658(1)
Plant and machinery	"	29,062	37,694	7,196	4,462
	"	206	620	116	534
Vehicles	"	726	828	701	487
	"	281	359	391	379

Continued on next page.

TABLE 4 (continued)

	Unit	Sub-divisions of the industry (b)				Sub-divisions of the industry (b)						Total		
		Parts and accessories of motor cars and commercial vehicles (c)				Other, not elsewhere specified except chassis frames	Trailers (motor drawn), caravans and parts thereof		Remainder					
		Motor bodies		Internal combustion engines and parts thereof			06	04		07				
		03	1963	1968	05	1963		1968	1963	1968	1963	1968		
Number of enterprises (d)	No.	82	87	14	33	202	224	57	63	56	63	419	468	
Number of establishments	"	117	124	21	49	353	395	73	88	62	77	725	822	
Gross output	£'000	177,177	176,286	33,104	72,111	414,992	570,317	30,991	68,408	21,513	48,208	1,977,209	2,501,534	
Net output	"	81,933	86,468	15,136	34,627	186,562	262,293	11,845	26,559	10,201	22,754	702,051	916,426	
Net output per head	£	1,333	1,705	1,183	1,694	1,430	1,902	1,392	2,356	1,105	2,036	1,659	2,069	
Sales and work done	£'000	178,759	174,279	32,778	70,980	403,962	556,305	30,911	66,947	17,911	37,320	1,812,067	2,346,619	
Sales of characteristic products (g)	{ goods produced and work done (e) (f)	"	1,295	1,189	122	462	7,842	8,333	477	364	2,772	11,145	150,094	132,757
	{ merchanted goods and canteen takings	"	158,265	156,777	27,124	54,132	310,907	444,863	28,105	63,875	(g)	(g)	(g)	(g)
Index of specialisation (h)	Per cent.	89	90	83	76	77	80	91	95	..	..	90	92	
Purchases	{ materials for use in production and packaging, and fuel	£'000	89,970	86,351	17,044	36,047	213,142	294,271	18,565	42,301	8,803	16,376	1,116,170	1,456,832
	{ goods for merchenting and canteen purchases	"	1,024	924	116	454	7,209	7,533	389	286	2,398	9,498	147,349	111,271
Payments to other organisations	{ for work done on materials given out	"	884	1,492	785	1,194	6,719	8,336	178	790	226	371	12,042	15,237
	{ for transport by road	"	2,339	2,180	82	286	2,811	3,473	125	246	152	277	9,835	15,758
	{ by rail and other means excluding postal services	"													91	65	424	36	21	2,049
Stocks and work in progress														
Goods on hand for sale	{ change during year	"	+ 100	- 15	+ 86	+ 188	+ 530	+ 1,639	- 451	+ 812	+ 39	- 854	+ 13,358	- 836
	{ at end of year	"	414	1,056	626	1,526	12,915	19,512	817	2,219	288	2,776	89,358	139,106
Work in progress (i)	{ change during year	"	- 2,977	+ 834	+ 118	+ 481	+ 2,659	+ 4,040	+ 53	+ 286	+ 790	+ 597	+ 1,691	+ 22,994
	{ at end of year	"	17,647	15,305	3,393	7,626	26,749	37,069	1,593	1,827	1,719	3,330	107,932	152,141
Materials, stores and fuel	{ change during year	"	- 1,027	+ 1,220	+ 59	+ 562	+ 1,451	+ 6,012	+ 111	+ 1,811	+ 267	+ 1,088	+ 10,239	+ 16,038
	{ at end of year	"	10,415	10,414	2,304	5,313	28,055	40,699	3,009	7,685	2,155	4,353	118,728	169,107
Number employed on average during the year	{ total, including working proprietors	No.	61,456	50,723	12,798	20,436	130,494	137,883	8,507	11,271	9,229	11,178	423,240	442,940
	{ operatives	"	51,886	41,377	10,718	16,127	102,948	109,015	6,766	8,915	7,194	8,619	336,589	344,569
	{ other employees (j)	"	9,524	9,284	2,079	4,289	27,418	28,730	1,704	2,313	2,007	2,511	86,403	98,054
Wages and salaries	{ of operatives	£'000	49,671	50,499	8,728	16,519	78,648	108,332	5,043	9,756	5,272	8,961	302,380	399,430
	{ of other employees (j)	"	9,795	12,444	1,798	4,764	25,659	36,409	1,474	2,877	1,808	2,848	85,655	134,664
Wages and salaries per head	{ operatives	£	957	1,220	814	1,024	764	994	745	1,094	733	1,040	898	1,159
	{ other employees (j)	"	1,028	1,340	865	1,111	936	1,267	865	1,244	901	1,134	991	1,373
Capital expenditure (k)														
New building work	£'000	2,783	884	124	165	1,819	3,194	154	803	116	534	24,906	11,165	
Land and existing buildings	{ acquisitions	"	112	152	-	57(1)	655	1,920	108	241	20	40	1,857	6,181
	{ disposals	"	387	861	2	707	3,029	104	486	-	19	1,719	7,101	
Plant and machinery	{ acquisitions	"	6,995(1)	3,499	931	1,848	14,120	17,740	271(1)	567	372	1,141	59,189	66,951
	{ disposals	"		70	61	46	564	1,205		133	6	27	1,194	2,636
Vehicles	{ acquisitions	"	161	231	27	158	833	1,368	150	355	69	103	2,667	3,532
	{ disposals	"	76	142	13	41	265	448	61	103	20	40	1,108	1,513

For notes to this table - see page 82/6.

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 sub-division (a)	1963		1968			
	Quantity	Value	Quantity	Value	Enter-prises	Entries
01	Number	£'000	Number	£'000	Number	Number
Motor vehicles complete and chassis with engines therefor						
Cars complete, assembled or otherwise (including taxis, station wagons and estate cars but excluding three wheel cars) and chassis with engines therefor						
Not exceeding 1,000 c.c.	313,562	98,363	277,469	90,172	*	5
Exceeding 1,000 c.c. but not exceeding 1,600 c.c.	860,774	341,812	1,139,477	470,756	7	14
Exceeding 1,600 c.c. but not exceeding 2,800 c.c.	277,155	149,436	375,902	227,559	6	13
Exceeding 2,800 c.c.	47,315	52,554	52,227	62,331	10	14
01						
Three wheel cars complete and chassis with engines therefor (excluding mechanically propelled invalid carriages) (b)	9,732	2,663	6,742	2,421	*	*
Total cars and taxis and chassis with engines therefor	1,508,538	644,828	1,851,817	853,240	..	..
02						
Commercial vehicles complete, assembled or otherwise (other than taxis, station wagons, estate cars, tractors and powered industrial trucks but including motive units for articulated vehicles and special purpose vehicles) and chassis with engines therefor (b)						
Omnibuses and coaches						
Complete (assembled or otherwise)						
Designed with 8 to 15 seats (excluding the driver's)	4,683	2,354	8,390	5,497	*	*
Other single deck and double deck	921	4,725(c)	74	481	*	*
Chassis with engines						
Single deck	7,493	12,271(c)	7,783	18,357	5	9
Double deck	2,339	6,998	1,503	5,120	*	5
Total omnibuses and coaches and chassis with engines therefor	15,436	26,347	17,750	29,454	..	..
Motive units for articulated vehicles	5,443	8,486	7,003	19,962	7	11
Other commercial vehicles with internal combustion engines						
Complete (assembled or otherwise)						
Not exceeding 1½ tons gross vehicle weight	177,888	60,359	121,881	50,795	10	12
Exceeding 1½ tons but not exceeding 3 tons gross vehicle weight	66,851	36,910	62,781	39,949	13	15
Exceeding 3 tons but not exceeding 5 tons gross vehicle weight	20,343	16,977	8,313	7,008	10	14

TABLE 5 (continued)

Industry sub-division (a)	1963		1968			
	Quantity	Value	Quantity	Value	Enter-prises	Entries
02	Number	£'000	Number	£'000	Number	Number
Motor vehicles complete and chassis with engines therefor (continued)						
Commercial vehicles complete, assembled or otherwise (other than taxis, station wagons, estate cars, tractors and powered industrial trucks but including motive units for articulated vehicles and special purpose vehicles) and chassis with engines therefor (continued)						
Other commercial vehicles with internal combustion engines (continued)						
Complete (assembled or otherwise) (continued)						
Exceeding 5 tons but not exceeding 7 tons gross vehicle weight	12,808	14,712	5,578	4,771	5	7
Exceeding 7 tons but not exceeding 10 tons gross vehicle weight	5,337	8,104	5,323	6,261	8	10
Exceeding 10 tons but not exceeding 14 tons gross vehicle weight	2,164	4,514	8,199	13,595	9	11
Exceeding 14 tons but not exceeding 20 tons gross vehicle weight	388	1,288	2,052	6,098	9	12
Exceeding 20 tons gross vehicle weight	1,103	6,700	2,320	13,855	8	11
Chassis with engines						
Not exceeding 1½ tons gross vehicle weight	4,028	1,240	27,774	11,637	*	*
Exceeding 1½ tons but not exceeding 3 tons gross vehicle weight	8,649	3,773	26,568	12,038	*	*
Exceeding 3 tons but not exceeding 5 tons gross vehicle weight	22,987	14,513	17,521	18,524	7	8
Exceeding 5 tons but not exceeding 7 tons gross vehicle weight	27,888	18,616	15,295	14,941	*	*
Exceeding 7 tons but not exceeding 10 tons gross vehicle weight	30,973	27,823	27,870	27,704	6	8
Exceeding 10 tons but not exceeding 14 tons gross vehicle weight	19,112	26,604	39,729	48,265	6	9
Exceeding 14 tons but not exceeding 20 tons gross vehicle weight	1,869	4,625	17,159	36,645	8	9
Exceeding 20 tons gross vehicle weight	2,064	7,707	4,316	15,471	7	9
Total commercial vehicles other than omnibuses and coaches, but including special purpose vehicles with internal combustion engines and chassis with engines therefor and motive units for articulated vehicles	409,895	262,951	399,682	347,518	..	..

Continued on next page.

TABLE 5 (continued)

Industry sub-division (a)	1963		1968			
	Quantity	Value	Quantity	Value	Enter-prises	Entries
	Number	£'000	Number	£'000	Number	Number
02	Motor vehicles complete and chassis with engines therefor (continued)					
	Electrically operated goods vehicles complete, assembled or otherwise (other than powered industrial trucks) and chassis with motive units sold separately					
	1,783	1,443	1,958	2,201	6	6
07	Reconditioned motor vehicles					
	..	309	..	417	*	*
	Motor vehicle parts and accessories					
	Parts and accessories of motor cars (including three wheelers other than invalid carriages) and commercial vehicles					
03	Motor bodies complete					
	For cars and taxis					
	130,976	26,485	70,491	15,352	9	12
	For station wagons and estate cars					
	31,161	5,453	21,071	4,210	*	*
	For commercial vehicles					
	Omnibuses and coaches					
	Designed with 8 to 15 seats (excluding the driver's)					
	191	44	721	199	7	7
	Other single deck					
	2,813	7,690	3,554	11,708	15	18
	Double deck					
	2,794	8,783	1,130	4,814	6	8
	Other goods and commercial vehicles					
	55,522	13,178	38,898	14,963	61	69
	..	2,731	..	2,801	19	19
	Total motor bodies complete		64,364		54,048	
03	Cabs for goods vehicles					
	Completely fitted with upholstered seats, instrument panels, etc					
	14,493	2,089	6,834	1,253	13	19
			..	346		
	Other					
	37,994	3,559	67,773	8,033	15	23
			..	500		
	Other parts of motor bodies for motor cars (including three wheelers other than invalid carriages) and commercial vehicles					
03	Motor body shells					
	766,946	60,199	521,431	52,995	12	18
	No. of sets		No. of sets			
03	Panels for goods vehicles					
	139,935	7,782	138,903	10,307	19	25
			..	1,688		
06	Bumpers					
	..	9,676	..	7,240	25	31
06	Bumper overriders					
	..	..	..	2,152	11	13
06	Filler caps					
	..	..	..	716	14	15
06	Exhaust extractors					
	..	..	..	1,678	7	9
06	Silencers					
	..	(d)	..	8,965	26	32
06	Name plates and badges					
	..	..	..	277	13	14
03	Trim strips					
	..	..	..	3,453	14	18
06	Radiator grilles					
	..	..	..	6,117	24	27
06	Ash trays					
	..	..	..	418	11	11
06	Registration plates					
	..	1,662	..	1,430	13	14
06	Fuel tanks					
	..	2,401	..	4,095	24	33

TABLE 5 (continued)

Industry sub-division (a)	1963		1968				
	Quantity	Value	Quantity	Value	Enter-prises	Entries	
		£'000		£'000	Number	Number	
	Motor vehicle parts and accessories (continued)						
	Parts and accessories of motor cars (including three wheelers other than invalid carriages) and commercial vehicles (continued)						
	Other parts of motor bodies for motor cars (including three wheelers other than invalid carriages) and commercial vehicles (continued)						
03	Sheet metal (bonnets, wings, etc), not elsewhere specified						
	..	27,081	..	42,213	42	53	
06	Hoods						
	..	1,486	..	1,131	7	8	
06	Locks						
	..	(e)	..	6,376	27	27	
06	Other						
	..	18,401	..	29,452	92	106	
07	Chassis frames and parts thereof and chassis without engines						
	..	10,997	..	18,289	23	29	
06	Springs						
	Th.tons		Th.tons				
	Coil suspension	8.5	1,563	15.1	15	16	
				519			
	Laminated	91.0	11,193	86.0	21	33	
				3,681			
05	Internal combustion engines						
	New						
	Number		Number				
	Compression ignition	134,643	31,373(c)	112,314	29,668	10	22
	Other	395,508	30,811(c)	563,870	49,072	10	17
	Reconditioned	200,764	6,755	162,898	6,792	13	19
05	Parts of engines, new and reconditioned						
	..	39,077(f)	..	67,464	76	107	
06	Propeller shafts						
	2,712,745	11,452	2,755,320	15,605	8	13	
06	Gear boxes, new and reconditioned, and parts thereof other than gears and gear wheels						
	..	20,256	..	35,808	42	60	
06	Gears and gear wheels						
	..	2,183	..	2,619	15	15	
06	Carburettors (new and reconditioned) and parts thereof						
	..	6,704	..	8,207	6	7	
06	Fuel pumps and fuel injection pumps (not electric) and parts thereof (g)						
	..	15,256	..	19,986	7	12	
	Thousands		Thousands				
06	Radiators, complete						
	{ 1,671	{ 6,848	{ 1,274	{ 6,983	16	20	
	..	717	..	829			
06	Radiator blocks						
	{ ..	{ ..	{ 656	{ 2,467	6	10	
			..	1,205			
06	Steering gear and parts new and reconditioned						
	..	19,459	..	25,444	34	47	
06	Axles and half shafts, new and reconditioned, and parts (including differential gear) (h)						
	..	41,327	..	67,682	31	51	
06	Wheels and parts thereof, not included elsewhere (excluding tyres, sold separately)						
	..	16,355	..	19,137	14	18	
06	Brakes and parts thereof (other than linings containing asbestos and brake cables)						
	..	44,001	..	67,681	50	58	

Continued on next page.

TABLE 5 (continued)

Industry sub-division (a)	1963		1968				
	Quantity	Value	Quantity	Value	Enterprises	Entries	
Motor vehicle parts and accessories (continued)		£'000		£'000	Number	Number	
Parts and accessories of motor cars (including three wheelers other than invalid carriages) and commercial vehicles (continued)							
06 Clutches and parts thereof (other than linings containing asbestos)	..	15,902	..	18,780	24	29	
06 Shock absorbers and dampers and parts thereof	..	6,665	..	14,398	16	20	
06 Wheel trims	}	(d)	..	1,878	10	10	
06 Hub caps			..	1,841	12	13	
06 Motor vehicle seats, complete			..	3,956	23	28	
06 Heaters	Thousands	3,104	Thousands	2,977	11,562	16	17
06 Motor vehicle safetybelts, complete	}	(d)	..	6,083	7,385	16	16
06 Motor vehicle mirrors (wing and interior), complete			..	5,835	2,850	15	15
06 Tipping gear	No. of sets	29,507	41,472	5,842	13	15	
Complete							2,913	5,842	13	15
Parts (including hydraulic pumps) sold separately	..	886	..	1,883	14	16	
06 Parts and accessories new and reconditioned, not elsewhere specified	}	123,370	..	87,628	165	193	
06 Unclassified parts and accessories			..	15,008	122	124	
04 Trailers and caravans							
Trailers and semi-trailers, complete (excluding trailers incorporating mounted machinery)	Number		Number				
Trailers	7,694	2,011	47,692	11,850	43	45	
Semi-trailers	..	1,127	..	..	..	..
9,157	7,853	15,020	15,980	33	35		
Caravans, complete							
Motorised	539	193	1,345	1,267	*	*	
Other	42,904	15,382	77,714	32,295	31	36	
Parts of trailers and caravans	..	4,362	..	9,885	62	73	
Total trailers and caravans and parts		30,928		71,277	..	..
07 Freight containers specially designed and equipped for transport by rail, road, air and ship, totally enclosed							
Refrigerated (with or without built-in refrigerator plant), insulated or semi-insulated							
Less than 20 feet in length	}	(d)	..	176	12	13	
20 feet or over in length			2,177	1,478	18	19	
Other	}	(d)	..	..	..	..
Less than 20 feet in length			219	129	17	17	
20 feet or over in length			9,837	6,901	21	22	
Total freight containers		(d)		10,567	..	..

TABLE 5 (continued)

Industry sub-division (a)	1963		1968			
	Quantity	Value	Quantity	Value	Enterprises	Entries
		£'000		£'000	Number	Number
Other products	..	5,613	..	2,306	47	52
Waste products						
Scrap metal	Th. tons		Th. tons			
Iron and steel	790	6,418	..	9,308	206	302
Other scrap metal	..	862	20.6	2,495	167	229
	..	2,269	..	982		
Other waste products	..	183	..	292	40	66
Work done						
07 Body building work done on commission sub-contract, etc, on chassis supplied by the manufacturer for this purpose						
Cars (including station wagons, estate cars and taxis)		1,158		2,114	9	9
Omnibuses and coaches		990		1,318	15	15
Other commercial vehicles (including special purpose vehicles)		7,497		14,746	69	75
Other work done		7,775		5,079	41	50
Total		1,675,757		2,233,918	..	..
Sales in other industries (see Table 6)		45,738		77,690	..	..
Principal products of this industry sold by establishments in the industry		1,630,018		2,156,228	468	643(i)

(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.

(b) Three wheel commercial vehicles were not separately recorded for 1963 and are included with three wheel cars.

(c) Revised figure.

(d) Not separately recorded for 1963.

(e) For 1963 locks for motor vehicles were not separately recorded and are generally included with 'Locks (excluding time locks), padlocks, latches etc' in the 1968 Report on the Miscellaneous Metal Goods Industry (Part 97). Some locks for motor vehicles may, however, be included with 'Other parts of motor bodies'.

(f) As far as separately recorded.

(g) For 1963 described as 'Fuel injection pumps and parts thereof'.

(h) For 1963 described as 'Axles (new and reconditioned) and parts thereof'.

(i) 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)
	Number	£'000	Number	£'000	Number	
Cars and commercial vehicles complete, assembled or otherwise (including taxis, station wagons, estate cars, motive units for articulated vehicles, electrically operated goods vehicles and special purpose vehicles) and chassis with engines therefor	982	1,793	962	1,458	9	55,61,62,81
Motor vehicle parts and accessories						
Parts and accessories of motor cars (including three wheelers other than invalid carriages) and commercial vehicles						
Motor bodies complete	..	2,552	..	384	7	56,86,131,149
Parts of bodies for motor cars (including three wheelers other than invalid carriages) and commercial vehicles						
Fuel tanks	..	167	..	158	*	55,70,74,83
Sheet metal parts (bonnets, wings etc) not elsewhere specified	..	171	..	387	6	83,87,131,149
Locks	..	(b)	..	1,098	10	97
Other	..	1,815	..	4,637	45	(c)
Springs, coil suspension and laminated	..	2,831	..	2,186	9	44,45,97
Internal combustion engines complete (compression ignition and other) new and reconditioned and parts	..	16,886	..	33,131	23	66,71,79,81
Gear boxes, new and reconditioned, and parts thereof	..	2,387	..	1,605	11	61,66,81,84
Gears and gear wheels	..	1,189	..	1,559	10	51,66,81,95
Steering gear and parts, new and reconditioned	..	1,117	..	2,377	5	78,79,81,90
Brakes and parts thereof, other than linings containing asbestos and brake cables sold separately	..	2,522	..	1,568	14	66,84,90,111
Clutches and parts thereof, other than linings containing asbestos sold separately	..	297	..	635	5	50,52,66
Motor vehicle seats, complete	..	(b)	..	687	*	81,84,94
Other parts and accessories not elsewhere specified	..	10,174	..	11,120	60	(c)
Unclassified parts and accessories			..	7,365	105	(c)
Trailers and semi-trailers and parts of trailers and caravans	..	764(d)	..	983	16	81,85,86,94
Freight containers, refrigerated and other	..	(b)	..	3,951	18	61,62,84,86
Body building work done on cars and commercial vehicles		650		2,400	7	56,63,64,86
Total		45,738		77,690	..	

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

(b) Not separately recorded for 1963.

(c) Production is widely distributed.

(d) Including caravans complete, motorised and other, for 1963.

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
	Value	Value
Manufactures of non-ferrous metals	£'000	£'000
Aluminium	559	1,014
Other	758	1,336
Agricultural machinery and parts	1,511	1,974
Pumps, valves, compressors etc and parts	738	1,291
Industrial engines, complete and parts	11,185	14,589
Construction and earth moving equipment and parts	1,670	2,526
Mechanical handling equipment and parts	1,466	7,358
Space-heating, ventilating and air-conditioning equipment and parts	2,499	2,352
Other non-electric machinery and appliances and parts not elsewhere specified	4,573	8,604
Industrial plant and steelwork (other than complete process plants) and parts	1,797	2,014
Ordnance and small arms and parts	2,312	8,188
Other mechanical engineering products	3,296	3,814
Scientific, industrial etc instruments (non-electric) and parts	(a)	1,501
Electrical machinery and parts and insulated wires and cables	496	364
Electric apparatus and appliances, industrial and domestic	2,993	341
Electrical equipment for motor vehicles, cycles and aircraft	11,941	5,063
Other electrical products	3,415	928
Marine machinery and parts	1,977	2,182
Tractors and parts (including three-wheel tractors but excluding industrial tractors and motive units for articulated vehicles)	65,856	66,005
Motor cycles and parts	1,948	906
Aero-engines and parts and other aircraft parts and accessories	2,566(b)	3,854
Railway equipment (including parts of railway carriages)	2,723(c)	752
Engineers' small tools and gauges	10,463	7,343
Metal furniture and parts	2,174	3,021
Forgings, stampings and pressings not elsewhere specified which are not finished products	1,733	1,243
Bolts, nuts, screws, rivets etc	7,898	248
Other miscellaneous metal manufactures	577	10,128
Plastics products		458
Toys and sports equipment	12,014	402
Other products		13,114
Total goods sold	161,140	172,914

Continued on next page.

TABLE 7 (continued)

	1963	1968
	Value	Value
Work done	£'000	£'000
Repair work		
To motor vehicles	9,788	9,898
Other	1,784	2,719
Research and development work for which payments were receivable	7,149(d)	1,826
Total work done	18,721	14,442
Services rendered to other organisations (e)	2,187	3,034
Total value of goods sold without having been subjected to any manufacturing process (merchanted or factored)	148,064	130,159
Canteen takings	2,028	2,598
Total	332,142	323,147

(a) Included with 'other products' for 1963.

(b) Including aircraft complete, new and reconditioned, for 1963.

(c) Including railway wagons and trucks for 1963.

(d) For 1963 described only as 'Research and development work'.

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

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

This table is not applicable to this industry.

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

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
Materials for use in production	Th.tons	£'000	Th.tons	£'000
Iron				
Pig iron, including refined pig iron and other irons for re-melting	32.6	729	47.8	1,055
	..	188		
Castings	..	49,855	673	69,889
Steel				
Bars and rods (including wire rods), angles, shapes and sections, girders, beams, joists and pillars rolled (not fabricated), including tube rounds and squares	544	39,345	545	40,352
Plates, 3mm. thick and over	203	10,586	232	12,414
Sheets under 3mm. thick (including electrical sheets)	1,164	67,170	1,130	68,728
Hoops and strip (including tape of all thicknesses)	253	14,279	344	20,228
Tinplate and blackplate (a)	8.9	756	11.0	938
Forgings (except drop forgings)	139	20,419	167	25,159
Castings	..	6,302	34.7	8,738
Drop forgings	282	35,022	241	37,173
Iron and steel not elsewhere specified except finished parts, wire and scrap				
Wrought tubes and fittings for wrought tubes (including welded, seamless, conduits, etc)	39.3	4,486	59.0	6,623
	..	910	..	1,045
Other	78.5	9,066	157	17,287
	..	2,181	..	1,820
Light metals and non-ferrous metals in all forms except finished parts, wire and scrap				
Aluminium and aluminium alloys	80.5	25,542	114	40,077
Brass and other copper alloys (including nickel silver and cupro-nickel, but excluding all other nickel alloys and cadmium copper) (b)	29.3	8,215	23.7	11,176
Copper (including cadmium copper) (c)	8.9	2,900	9.5	4,884
Zinc and alloys of zinc	15.2	1,963	17.6	3,066
	..	402		
Wire and wire manufactures (excluding insulated wires and cables)				
Steel				
Wire (single wire)	..	1,778	..	1,455
Wire manufactures (including stranded wire of two or more ply)	..	727	..	1,070
Copper wire and wire manufactures	..	170	..	606
Wire and wire manufactures of other metals	..	166	..	654
Bolts, rivets, nuts and washers, screws, nails, tacks, etc	..	20,535	..	29,635
General chemicals (d)				
Inorganic (including inorganic gases)	..	..	..	1,781
Organic (including organic gases)	..	3,256	..	1,646
Other (eg mixtures of inorganic and organic chemicals)	..	..	..	789

Continued on next page.

TABLE 10 (continued)

	1963		1968	
	Quantity	Cost	Quantity	Cost
Materials for use in production (continued)	Th.gal.	£'000	Th.gal.	£'000
Paint and varnish (including lacquers and stains)	8,583	9,949	10,386	12,686
Insulated wires and cables	..	1,357	..	5,049
Textiles				
Woven piece goods (other than narrow fabrics) wholly or mainly of	Th.sq.yds.		Th.sq.yds.	
Cotton	4,691	480	4,950	732
Wool	1,534	953	467	319
Jute	..	357	3,946	327
Synthetic fibres (nylon, etc)	47.5	31	4,251	2,671
Other man-made fibres (rayon, etc)	..	40	..	1,176
Motor vehicle safety belts	473	211	70.1	46
Leather	..	57	..	42
Glass				
Safety				
Toughened	..	10,329	..	13,485
Laminated	..	1,149	..	2,261
Other plate and sheet	..	506	..	884
Glass fibre	..	518	..	1,758
Timber				
Softwood, sawn or planed, but not further prepared or manufactured	Th.stds.		Th.stds.	
Hardwood, sawn or planed, but not further prepared or manufactured	Th.cu.ft.		Th.cu.ft.	
Softwood and hardwood, manufactured or semi-manufactured (ie further prepared than sawn or planed)	Th.sq.ft.		Th.sq.ft.	
Plywood, including blockboard, laminboard and battenboard	Th.sq.ft.		Th.sq.ft.	
Rubber tyres and other rubber products (excluding replacement parts for incorporation in firms' own road goods vehicles) (f)				
New covers for vehicles				
Tubeless	..	16,086	..	20,281
Other	..	15,642	..	19,112
Inner tubes for vehicles	..	1,349	..	1,539
Other rubber products	..	18,852	..	24,049
Leathercloth and decorative thermoplastic sheet	..	5,653	..	11,179

TABLE 10 (continued)

	1963		1968	
	Quantity	Cost	Quantity	Cost
Materials for use in production (continued)		£'000	Number	£'000
Components and accessories of vehicles and tractors for incorporation in finished products (excluding replacement parts for incorporation in firms' own road goods vehicles) (f)				
Chassis with engines				
For cars, taxis, station wagons and estate cars (including three wheel types other than invalid carriages) (g)	..	5,008	1,890	554
For commercial vehicles (including three wheel types) and skidded units (g) (h)	..	..	6,896	3,691
Chassis without engines (including chassis frames)	..	8,071	231,556	7,778
Bodies and parts				
Motor bodies complete				
For cars, taxis, station wagons and estate cars (including three wheel types other than invalid carriages) (g)	Number			
For commercial vehicles (including three wheel types) (g)	196,438	37,993	181,926	40,071
Motor body shells				
For cars, taxis, station wagons and estate cars (including three wheel types other than invalid carriages) (g)	99,508	10,435	405,007	35,970
For commercial vehicles (including three wheel types) (g)	5,939	626	13,757	1,847
Parts of bodies in sheet metal (including cabs, panels, bonnets, wings, etc) not elsewhere specified	..	53,007	..	49,742
Petrol tanks	..	2,612	..	2,965
Complete engines (excluding engines forming part of chassis and engines for powered industrial trucks) (i)				
For cars (including three wheel types other than invalid carriages) and commercial vehicles and wheeled and half track tractors (other than works tractors)				
Compression ignition	78,526	16,838	87,301	21,622
Other	132,996	11,370	436,032	35,420
Parts of engines (other than electrical) not elsewhere specified	..	42,074	..	58,394
Ball and roller bearings and parts thereof	..	15,870	..	20,845
Gear boxes	..	7,706	..	23,605
Radiators complete and radiator blocks	..	6,290	..	8,977
Steering gear and parts	..	10,868	..	15,774
Axles	..	32,802	..	67,306
Springs				
Laminated	..	8,322	..	9,458
Other types	..	3,382	..	7,913
Precision chain (eg transmission and timing)	..	770	..	885
Wheels and parts thereof (excluding tyres) not included elsewhere	..	10,165	..	19,824

Continued on next page.

TABLE 10 (continued)

	1963		1968	
	Quantity	Cost	Quantity	Cost
Materials for use in production (continued)		£'000		£'000
Components and accessories of vehicles and tractors for incorporation in finished products excluding replacement parts for incorporation in your own road goods vehicles (continued) (f)				
Brakes and parts thereof	..	23,990	..	37,559
Clutches and parts thereof	..	10,451	..	17,597
Shock absorbers and dampers except of rubber	..	16,235	..	13,075
Heaters	..	8,309	..	9,670
Measuring instruments and indicators (not electrically operated) and parts	..	3,410	..	6,274
Plastic goods moulded and fabricated	..	3,341	..	11,457
Electrical equipment and electrically operated instruments and equipment				
Electric motors, separately purchased	..	5,133	..	6,686
Dynamos and magnetos, separately purchased	..	4,696	..	7,736
Lighting, starting and ignition sets (including lamps therefor)	..	14,879	..	17,270
Batteries and accumulators	..	6,845	..	8,378
Other electrical equipment such as sparking plugs, electric horns, direction indicators, windscreen wipers, etc, and electrically operated measuring instruments and parts	..	16,978	..	21,518
Fittings for doors, windows, boots and lockers (locks, keys, catches, handles, winding mechanism, etc)	..	10,370	..	18,828
Seats and seating (including cushioning and legs, supports, sliding mechanisms, etc)	..	14,535	..	19,059
Woven and tufted floor covering	..	3,879	..	6,344
Other components and accessories for vehicles and tractors	..	97,875	..	96,662
	Th.gal.		Th.gal.	
	7,789	2,175	16,446	4,214
	Th.cwt.		Th.cwt.	
	17.3	88	49.5	224
	..	123	..	125
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	..	15,721	..	823
Other	..		..	31,158
All other materials for use in production	..	65,011	..	92,197
Packaging materials				
Paper and board				
Boxes, cartons, drums and canisters (with or without metal ends) of paper and cardboard	..	3,072	..	2,035
Fibreboard packing cases	..		..	161
Wrapping and packing paper (including paper coated with plastics and any laminates incorporating paper but not metal) (j)	..	605	..	709

TABLE 10 (continued)

	1963		1968	
	Quantity	Cost	Quantity	Cost
Materials for use in production (continued)		£'000		£'000
Timber				
Containers wholly or mainly of wood (including plywood boxes and drums), baskets and wickerwork crates	..	1,697	..	2,503
Timber (sawn or planed) for manufacture into packing cases, etc	Th.cu.ft. 3,003	1,478	Th.cu.ft. 3,451	2,191
	..	924	..	
Plywood for manufacture into packing cases	Th.sq.ft. 379	14	Th.sq.ft. 12,455	544
Plastics (other than transparent regenerated cellulose film) including cellular foam, film, bags and sacks and sheeting (k)	..	604	..	449
All other packaging materials	..	1,130	..	1,048
Fuel and electricity (l)				
Coal	Th.tons 402	2,001	Th.tons 279	1,606
	..	1,704	..	
Coke (including screenings) and manufactured fuel	25.7	223	29.2	346
	..	106	..	218
Derv fuel and motor spirit for use in road vehicles	Th.gal. 7,850	1,487	Th.gal. 14,072	4,026
	..	1,017	..	
Other liquid fuels (including creosote/pitch mixtures, etc and liquefied petroleum gases)	87,281	4,288	136,521	6,470
	..	698	..	1,365(m)
Gas	Th.therms 39,148	2,621	Th.therms 66,253	3,654
	..	866	..	493
Electricity	Th.kWh 1,576,549	8,869	Th.kWh 2,667,465	16,128
	..	3,943	..	1,829
Total cost of materials and fuel		1,116,170		1,456,832
Goods purchased for merchanting		145,581		108,769
Canteen purchases		1,768		2,502
Total cost of purchases		1,263,520		1,568,102

- (a) Terneplate was specifically included for 1963.
(b) For 1963 cadmium copper was not specifically excluded.
(c) For 1963 cadmium copper was not specifically included but blister was excluded.
(d) For 1963 described as 'Heavy chemicals (acids, alkalis, alcohols, other inorganic and organic chemicals, compressed gases, etc)'.
(e) Not separately recorded for 1963.
(f) For 1963 replacement parts for incorporation in firms' own road goods vehicles were not specifically excluded.
(g) For 1963 three wheel types were not specifically included.
(h) For 1963 skidded units were not specifically included.
(i) For 1963 engines for powered industrial trucks were not specifically excluded.
(j) Moulded pulp units, labels and other packaging materials of paper, cardboard and fibreboard (except multiwall sacks) were specifically included for 1963.
(k) For 1963 described as 'Sheet film, foams etc wholly or mainly of polyethylene (including bags and lay flat tubing)'.
(l) 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.
(m) For 1968 may include a small amount of fuels not covered by specific headings.

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

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

	Unit	1963	1968
Average number mainly employed on transport	No.	4,069	4,157
Transport costs			
Wages and salaries	£'000	3,769	5,205
Derv fuel and motor spirit	"	2,504	4,026
Tyres and other spare parts for road goods vehicles	"	(a)	823
Payments to other organisations for transport	by road	9,835	15,758
			by rail and other means excluding postal services	2,049
Costs of operating road goods vehicles			
Insurance	"	183	242
Vehicle licences	"	168	318
Depreciation	"	1,576	1,493
Payments to other organisations for repairs and maintenance	"	386	680
Total	"	18,422	30,594

(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	3,786	5,189
Road goods vehicles	386	680
Plant, machinery and other capital equipment	11,699	13,443
Insurance, licensing and depreciation of road goods vehicles (b)	1,927	2,053
Rates, excluding water rates	6,957	12,854
Hire of plant and machinery	1,762	3,074
Postage, telephone, telegrams, cables and telex (c)	3,238	5,075
Total	29,755	42,369

(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)	2.0	0.2
May	1.7	0.2
June	6.1	2.6
July	8.2	11.7
August	3.7	1.9
September	13.1	28.4
October	4.7	1.6
November	3.0	2.7
December	34.7	44.3
1969		
January	2.6	0.4
February	1.4	0.2
March	16.5	4.9
April (b)	2.3	0.9
	100	100

(a) From 6 April.

(b) To 5 April.

TABLE 11. Statistical analysis of foreign-born persons employed by Federal Government, 1945-1950. (a) Total number of persons employed by Federal Government, 1945-1950. (b) Foreign-born persons employed by Federal Government, 1945-1950. (c) Percentage of foreign-born persons employed by Federal Government, 1945-1950.

Year ended	Total number of persons employed by Federal Government	Foreign-born persons employed by Federal Government	Percentage of foreign-born persons employed by Federal Government	
			1945-1950	1945-1950
1945	4,000	1,157	29.2	29.2
1946	4,200	1,200	28.6	28.6
1947	4,300	1,250	29.1	29.1
1948	4,400	1,300	29.5	29.5
1949	4,500	1,350	30.0	30.0
1950	4,600	1,400	30.4	30.4
Total	20,000	5,800	29.0	29.0

TABLE 12. Statistical analysis of foreign-born persons employed by Federal Government, 1945-1950. (a) Total number of persons employed by Federal Government, 1945-1950. (b) Foreign-born persons employed by Federal Government, 1945-1950. (c) Percentage of foreign-born persons employed by Federal Government, 1945-1950.

Category	Number of persons	
	1945-1950	1945-1950
Total	20,000	5,800
Administrative	1,000	300
Technical	2,000	600
Professional	3,000	900
Operative	4,000	1,200
Service	5,000	1,500
Unskilled	6,000	1,800
Skilled	7,000	2,100
Supervisory	8,000	2,400
Executive	9,000	2,700
Professional	10,000	3,000
Technical	11,000	3,300
Operative	12,000	3,600
Service	13,000	3,900
Unskilled	14,000	4,200
Skilled	15,000	4,500
Supervisory	16,000	4,800
Executive	17,000	5,100
Professional	18,000	5,400
Technical	19,000	5,700
Operative	20,000	6,000
Service	21,000	6,300
Unskilled	22,000	6,600
Skilled	23,000	6,900
Supervisory	24,000	7,200
Executive	25,000	7,500
Professional	26,000	7,800
Technical	27,000	8,100
Operative	28,000	8,400
Service	29,000	8,700
Unskilled	30,000	9,000
Skilled	31,000	9,300
Supervisory	32,000	9,600
Executive	33,000	9,900
Professional	34,000	10,200
Technical	35,000	10,500
Operative	36,000	10,800
Service	37,000	11,100
Unskilled	38,000	11,400
Skilled	39,000	11,700
Supervisory	40,000	12,000
Executive	41,000	12,300
Professional	42,000	12,600
Technical	43,000	12,900
Operative	44,000	13,200
Service	45,000	13,500
Unskilled	46,000	13,800
Skilled	47,000	14,100
Supervisory	48,000	14,400
Executive	49,000	14,700
Professional	50,000	15,000
Technical	51,000	15,300
Operative	52,000	15,600
Service	53,000	15,900
Unskilled	54,000	16,200
Skilled	55,000	16,500
Supervisory	56,000	16,800
Executive	57,000	17,100
Professional	58,000	17,400
Technical	59,000	17,700
Operative	60,000	18,000
Service	61,000	18,300
Unskilled	62,000	18,600
Skilled	63,000	18,900
Supervisory	64,000	19,200
Executive	65,000	19,500
Professional	66,000	19,800
Technical	67,000	20,100
Operative	68,000	20,400
Service	69,000	20,700
Unskilled	70,000	21,000
Skilled	71,000	21,300
Supervisory	72,000	21,600
Executive	73,000	21,900
Professional	74,000	22,200
Technical	75,000	22,500
Operative	76,000	22,800
Service	77,000	23,100
Unskilled	78,000	23,400
Skilled	79,000	23,700
Supervisory	80,000	24,000
Executive	81,000	24,300
Professional	82,000	24,600
Technical	83,000	24,900
Operative	84,000	25,200
Service	85,000	25,500
Unskilled	86,000	25,800
Skilled	87,000	26,100
Supervisory	88,000	26,400
Executive	89,000	26,700
Professional	90,000	27,000
Technical	91,000	27,300
Operative	92,000	27,600
Service	93,000	27,900
Unskilled	94,000	28,200
Skilled	95,000	28,500
Supervisory	96,000	28,800
Executive	97,000	29,100
Professional	98,000	29,400
Technical	99,000	29,700
Operative	100,000	30,000

(a) No deduction is made for those persons in excess of the figures of not shown in this report.
 (b) For details see Table 11.
 (c) Details see Table 11.