

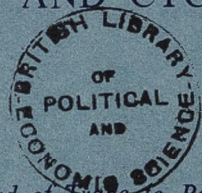
BOARD OF TRADE

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*The Report on the
Census of Production
for 1954*

Volume 3 : Industry 1

MOTOR VEHICLES AND CYCLES (MANUFACTURING)



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

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The Report on the Census of Production for 1954

VOLUME 3 INDUSTRY I

MOTOR VEHICLES AND CYCLES (MANUFACTURING)

THIS REPORT on the Motor Vehicles and Cycles (Manufacturing) Industry relates to establishments engaged wholly or mainly in the manufacture of motor vehicles and cycles, including parts and accessories other than electrical equipment, rubber tyres and tubes, transmission chains, ball and roller bearings, and springs. Establishments wholly or mainly engaged in repair work are dealt with in a separate report.

This industry corresponds to minimum list heading 80 and part of heading 83 (which covers also parts and accessories for aircraft) in the Standard Industrial Classification.

For 1951 particulars for Northern Ireland are not separately available and have been included in the report on the Motor Vehicles and Cycles (Repairing) Industry (Volume 3, Industry J). Results for Northern Ireland for that year are, however, included in Tables 1 and 5 below.

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IMPORTANT NOTES and definitions appear on the next page. In interpreting the data in the tables, it is essential to bear these in mind.

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The following notes describe terms in general use in the tables of the report. More detailed explanations of the terms used and a description of the scope and method of taking the census are given in the separate booklet entitled 'The Report on the Census of Production for 1954 - Introductory Notes' (price 1s. 6d. net).

Industrial Classification: Establishments are classified to industries according to the nature of their output and, as far as possible, in conformity with the Standard Industrial Classification. Certain products are identified as the principal products of individual industries, the principal products for a given industry being of a similar nature or commonly associated in production. The principle of classification normally followed is that an establishment is classified to an industry if its output of the principal products of that industry accounted for a greater proportion of the value of its output than did its output of the principal products of any other industry.

Specialist producers normally comprise those establishments 50 per cent. or more of whose total output by value is accounted for by the characteristic products of the specialist group.

Intermediate products: For some industries figures are given showing the total quantities made during the year of intermediate products, i.e., products which may be further processed in the establishments in which they are produced.

Larger establishments: The information given in the report relates mainly to 'larger establishments', i.e., establishments of firms employing on the average more than 10 persons. In most cases an establishment comprises the whole of the premises under the same ownership or management at a particular address (e.g., a mine or factory). Offices, warehouses, laboratories and other ancillary places of business situated apart from the producing works are not regarded as separate establishments and are included in the return for the works.

Small firms are those employing on the average 10 or fewer persons.

The estimates for the industry as a whole given in Table 1 are normally obtained by increasing the other items shown in the same proportion as total employment.

Gross output (production) is the total value of goods made and other work done during the year: it is obtained by adjusting the value of sales and work done during the year for changes in the value of stocks of products on hand for sale and work in progress.

Net output is the amount left after deducting from the value of gross output the aggregate of the cost of materials and fuel used, the amount paid for work given out, and, for 1951 and 1954, any transport payments made. This represents the value added to materials by the process of production, and constitutes the fund from which wages, salaries, rents, rates and taxes, advertising and other selling expenses and all other similar charges have to be met, as well as depreciation and profits.

Sales means sales during the year of goods made in the establishment covered by the return or made on commission for it, whether produced in the year or not. The value of sales is the net selling value, i.e., the amount charged to customers, whether on an ex-works or delivered basis, and net of any trade discounts, agents' commissions, allowances for returnable cases, purchase tax, etc. For goods charged on a delivered basis to customers overseas, firms were required to give the f.o.b. value.

Materials and fuel: The total cost of materials and fuel purchased includes all purchases during the year of materials for use in production, and of fuel (includ-

ing oil, gas and electricity) for all purposes; packing materials, including the full cost of returnable cases when first purchased; workshop and office materials; water charges; materials for repairs to buildings, plant and vehicles when carried out by firms' own work-people included in their returns; consumable tools; and parts for machinery purchased as replacements. Purchases of goods for merchanting are excluded. The cost of materials and fuel used, given in Table 2, is obtained by adjusting purchases for changes during the year in the value of stocks.

Stocks: Firms were required to give stocks of materials and fuel, products on hand for sale, and work in progress, at income tax values.

Customs and Excise Duty paid on materials purchased is normally included in the cost of materials. Finished goods are similarly valued as they were sold, duty-paid or duty-free. The net amount of any duty paid is deducted in arriving at net output.

Employment: Total employment includes working proprietors, administrative, technical and clerical employees, and operatives, but excludes outworkers, canteen employees and persons engaged in merchanting or any other activity not covered by a firm's return, who are shown separately as excluded employees. Employees are persons on the pay-roll (i.e., persons whose National Insurance cards were held by employers), whether employed full-time or part-time.

Working proprietors are proprietors of businesses other than limited companies, together with members of their families who worked in the business without receiving fixed wages or salaries. Any persons working less than half the normal hours are excluded. For Northern Ireland directors of limited companies (other than those paid by fee only) are also included.

Administrative, technical and clerical employees include directors, other than those paid by fee only (except in Northern Ireland); managers, superintendents and works foremen; research, experimental, development, technical and design employees (other than operatives); draughtsmen and tracers; travellers; and office (including works office) employees.

Operatives include all other classes of employees, i.e., broadly speaking, all manual workers.

Outworkers are persons employed by the firm who work on materials supplied by the firm in their own homes.

Wages and salaries include all overtime payments, bonuses and commissions without any deductions for income tax, insurances, contributory pensions etc. They exclude payments to working proprietors.

Capital expenditure includes expenditure on new building work, and on plant, machinery and vehicles, charged to capital account during the year, including any transport and installation costs involved. It includes expenditure in respect of establishments in Great Britain which had not begun production before the end of the year (which has not previously been included in the Census of Production reports for individual industries).

Symbols used:

.. for not available

- for nil or negligible (less than half the final digit shown).

Where figures are rounded, e.g., given to the nearest £ thousand, there may be apparent slight discrepancies between the sums of constituent items and the totals shown. In some cases, figures have been combined with others of a similar nature where publication of separate details might disclose information relating to an individual undertaking.

Industry summary

Estimates for the industry as a whole

TABLE 1

	United Kingdom			Scotland 1954	Wales 1954
	1948	1951	1954		
	£ million	£ million	£ million	£ million	£ million
Gross output (production)	477.9	785.8	1,006.3	8.67	15.58
Net output	181.9	270.0	364.8	3.94	5.40
Total stocks and work in progress					
At beginning of year	108.4	115.5	158.4	2.64	4.00
Change during year	+ 16.6	+ 39.9	- 1.5	- 0.07	+ 0.10
Capital expenditure less disposals (a)	16.0	23.8	27.0	0.40	0.31
Wages and salaries	118.0	160.2	207.4	2.36	3.62
Total employment (including working proprietors)	Thousands 321.9	Thousands 366.2	Thousands 380.6	Thousands 4.85	Thousands 8.01

(a) Capital expenditure on new building work, plant, machinery and vehicles (including (except in 1948) that incurred in Great Britain for establishments not yet in production), less amounts received for plant, machinery and vehicles disposed of. Capital expenditure financed by the Ministry of Supply, which in the years 1951 to 1954 was very substantial, has not been included in any year.

Summary of returns received

TABLE 2

	Unit	Great Britain		United Kingdom
		1948	1951	1954
FIRMS EMPLOYING ON AVERAGE MORE THAN 10 PERSONS				
Number of establishments	No.	1,023	1,068	969
Total value of sales and work done	£'000	461,067	753,144	991,728
Products on hand for sale	"	51,690	68,244	95,576
and work in progress	"	+ 9,436	+ 22,033	+ 2,895
Gross output (production) (a)	"	469,352	775,177	994,624
Purchases of materials and fuel	"	292,132	511,460	612,484
Stocks of materials and fuel	"	54,789	45,688	61,021
at beginning of year	"	+ 6,889	+ 17,301	- 4,374
change during year	"	285,243	494,159	616,858
Cost of materials and fuel used	"	5,411	10,423	11,515
Payment for work done on materials given out	"	1,152	4,192	5,717
Payment for transport (b)	"	178,698	266,403	360,535
Net output	"	265,092	301,331	310,584
Average number of employees	{ operatives others	50,922 (c)	59,771	65,532
Total employment (d)	"	316,150	361,227	376,207
Net output per person employed (d)	£	565	737	958
Wages and salaries	{ of operatives of others	£'000 93,714	127,784	165,973
	"	22,221	30,217	39,001
Capital expenditure	"	2,155	4,068	4,038
New building work (e)	"	13,582	18,982	22,224
Plant and machinery	{ acquisitions (e) disposals	474	498	1,371
	"	716	1,384	1,565
Vehicles	{ acquisitions (e) disposals	218	424	467
FIRMS EMPLOYING ON AVERAGE 10 OR FEWER PERSONS				
Number of returns	No.	715	740	572
Total employment, including working proprietors	"	3,999	4,268	3,286

(a) For the year 1948 gross output excludes payments for transport services outwards on finished goods sold. For subsequent years gross output includes payments to other firms and undertakings and to firms' own separate transport organisations for transport services.

(b) Payments to other firms and undertakings and to firms' own separate transport organisations. For the year 1948 payments cover only transport outwards of finished goods sold. For subsequent years they cover payments for transport of both finished goods sold and materials and fuel purchased.

(c) Number in week ended September 25, 1948.

(d) Excluding outworkers and including working proprietors.

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

Analysis by size, 1954: Larger establishments in the United Kingdom

Average number employed (a)	Establishments	Gross output	Net output	Employees		Wages and salaries		Capital expenditure (b)	Net output per person employed (a)
				Operatives	Others	Operatives	Others		
	Number	£'000	£'000	Number	Number	£'000	£'000	£'000	£
11 - 24(c)	228	5,972	2,844	3,090	588	1,274	344	165	763
25 - 49	193	10,375	4,763	5,585	1,103	2,306	629	248	709
50 - 99	160	19,655	8,939	9,313	2,003	4,063	1,179	501	789
100 - 199	151	38,233	17,327	17,590	3,444	7,828	2,076	1,284	824
200 - 299	49	24,320	9,530	9,841	2,253	4,545	1,332	621	788
300 - 399	32	19,272	8,530	9,352	1,947	4,333	1,116	551	755
400 - 499	17	17,459	7,553	6,213	1,309	3,192	825	702	1,004
500 - 749	35	51,613	19,613	17,756	4,381	8,571	2,411	1,157	886
750 - 999	22	34,146	15,485	15,773	3,114	7,547	1,872	1,092	820
1,000 - 1,499	30	76,441	30,429	29,052	7,023	14,247	4,121	1,885	843
1,500 - 1,999	11	41,035	17,045	15,806	3,444	8,070	1,901	1,180	885
2,000 - 2,499	6	30,557	12,763	11,278	2,534	5,684	1,530	520	924
2,500 - 2,999	7	44,112	15,582	15,481	3,031	8,614	1,824	2,255	842
3,000 - 3,999	13	104,752	38,387	35,473	8,933	19,072	5,070	4,007	864
4,000 - 4,999	5	89,039	24,582	19,087	4,044	10,937	2,235	1,965	1,063
5,000 - 7,499	3	64,121	16,823	15,017	3,281	9,355	1,848	2,465	919
7,500 - 9,999	3	50,689	21,751	21,037	3,011	13,328	1,747	2,118	904
10,000 and over	4	272,832	88,589	53,840	10,089	33,008	6,941	5,110	1,386
Total	969	994,624	360,535	310,584	65,532	165,973	39,001	27,827	958

(a) Excluding outworkers and including working proprietors.

(b) Capital expenditure on new building work and on acquisition of plant, machinery and vehicles. Excluding expenditure for establishments not yet in production.

(c) Including a small number of establishments with fewer than 11 persons employed, particulars of which were included with those for larger establishments on a single return.

Analysis according to specialisation within the industry, 1954

Larger establishments in the United Kingdom

	Unit	Specialist producers of						Motor bodies
		Cars and taxis, and chassis with engines therefor	Commercial vehicles and chassis with engines therefor	Tractors	Industrial and works trucks and tractors	Motor cycles (complete)	Three-wheeled vehicles and chassis with engines therefor	
Number of establishments	No.	24	53	25	10	19	7	158
Total value of sales and work done	£'000	303,217	73,706	21,924	3,010	23,495	913	104,027
Sales of characteristic products	"	195,309	54,675	13,915	2,161	17,004	778	81,943
Products on hand for sale and work in progress	{ at beginning of year change during year	21,721	14,128	4,732	467	2,263	40	8,740
Gross output (production)	"	- 1,144	+ 481	- 263	+ 103	+ 579	+ 21	+ 838
Purchases of materials and fuel	"	302,073	74,187	21,661	3,113	24,074	934	104,865
Stocks of materials and fuel	{ at beginning of year change during year	8,064	8,125	3,074	396	1,690	129	7,106
Cost of materials and fuel used	"	- 914	- 1,543	- 629	- 45	+ 20	+ 6	- 27
Payment for work done on materials given out	"	215,039	49,745	14,144	2,093	13,262	538	57,377
Payment for transport	"	2,449	606	656 (a)	175 (a)	804 (a)	24	2,159
Net output	"	1,196	293			8		825
Average number of employees	{ operatives others	83,390	23,543	6,860	845	10,007	363	44,504
Total employment (b)	"	53,092	21,944	6,145	894	10,842	513	48,779
Net output per person employed (b)	"	10,505	6,394	2,079	471	2,539	101	6,620
Wages and salaries	{ of operatives of others	63,599	28,338	8,224	1,365	13,381	616	55,424
Capital expenditure	"	1,311	831	834	619	748	590	803
New building work (c)	"	31,674	10,414	2,893	391	5,331	182	28,470
Plant and machinery	{ acquisitions (c) disposals	6,645	3,528	1,059	259	1,368	83	4,163
Vehicles	{ acquisitions (c) disposals	282	414	28	93	319	2	503
	"	5,617	1,117	394	38	317	12	1,991
	"	(a)	35	(a)	-	3	4	73
	"	189	103	23	21	51	7	233
	"	68	47	11	3	8	6	41

TABLE 4 (contd.)

	Unit	Specialist producers of				Remainder of the industry	Total
		Internal combustion engines for motor vehicles, and parts thereof	Other parts and accessories of motor vehicles and motor cycles	Bicycles and tri-cycles (not mechanically propelled) and parts and accessories	Trailers (motor drawn) and caravans and parts		
Number of establishments	No.	31	325	85	78	154	969
Total value of sales and work done	£'000	40,496	159,271	42,002	11,894	207,773	991,728
Sales of characteristic products	"	36,506	94,095	39,038	10,953		
Products on hand for sale and work in progress	{ at beginning of year change during year	4,697	12,447	4,095	661	21,586	95,576
Gross output (production)	"	+ 635	+ 893	+ 128	+ 133	+ 493	+ 2,895
Purchases of materials and fuel	"	41,131	160,164	42,130	12,027	208,266	994,624
Stocks of materials and fuel	{ at beginning of year change during year	23,330	84,724	23,645	7,118	124,600	612,484
Cost of materials and fuel used	"	2,089	11,540	3,421	1,227	14,161	61,021
Payment for work done on materials given out	"	- 398	+ 309	+ 316	- 97	- 1,372	- 4,374
Payment for transport	"	23,728	84,415	23,329	7,214	125,973	616,858
Net output	"	101	2,087	97	235	2,530	11,515
Average number of employees	{ operatives others	133	1,017	534	90	1,212	5,717
Total employment (b)	"	17,168	72,645	18,171	4,487	78,551	360,535
Net output per person employed (b)	"	14,691	66,445	20,901	4,323	62,015	310,584
Wages and salaries	{ of operatives of others	3,089	14,501	3,503	804	14,926	65,532
Capital expenditure	"	17,781	80,968	24,413	5,146	76,952	376,207
New building work (c)	"	966	897	744	872	1,021	958
Plant and machinery	{ acquisitions (c) disposals	7,898	32,192	8,942	1,967	35,618	165,973
Vehicles	"	1,818	8,939	1,785	521	8,833	39,001
	"	165	849	136	86	1,161	4,038
	"	940	4,394	801	147	6,458	22,224
	"	52	225	25	4	462	1,371
	"	68	465	105	53	247	1,565
	"	22	97	28	13	123	467

(a) Owing to the risk of disclosure of information relating to individual firms, separate particulars cannot be given.

(b) Excluding outworkers and including working proprietors.

(c) Excluding expenditure at establishments not yet in production.

Sales of the principal products of the industry, including sales of these products by establishments classified to other industries

Larger establishments in the United Kingdom

	1951		1954		Entries
	Quantity	Value	Quantity	Value	
Motor vehicles (including electrically driven vehicles), other than motor cycles and three-wheeled vehicles	Number	£'000	Number	£'000	Number
Cars and taxis (excluding utilities and three-wheeled vehicles) and chassis with engines therefor					
Complete cars and taxis (assembled or otherwise)	55,106	13,441	147,964	39,653	7
Not exceeding 1,000 c.c.					
Exceeding 1,000 c.c. but not exceeding 1,600 c.c.	258,663	79,065	341,020	111,942	10
Exceeding 1,600 c.c. but not exceeding 2,200 c.c.	77,880	34,845	67,064	29,206	12
Exceeding 2,200 c.c. but not exceeding 2,800 c.c.	53,324	23,751	126,961	54,207	10
Exceeding 2,800 c.c. but not exceeding 3,500 c.c.			13,454	12,109	6
Exceeding 3,500 c.c.	18,767	17,207	5,218	6,601	5

TABLE 5 (contd.)

	1951		1954		
	Quantity	Value	Quantity	Value	Entries
	Number	£'000	Number	£'000	Number
Motor vehicles (including electrically driven vehicles), other than motor cycles and three-wheeled vehicles (contd.)					
Cars and taxis (excluding utilities and three-wheeled vehicles) and chassis with engines therefor (contd.)					
Chassis with engines therefor					
Not exceeding 1,000 c.c.	-	-	3,624	486	..
Exceeding 1,000 c.c. but not exceeding 1,600 c.c.	16,736	2,371	8,601	1,824	..
Exceeding 1,600 c.c. but not exceeding 2,200 c.c.	1,267	506	1,564	508	..
Exceeding 2,200 c.c. but not exceeding 2,800 c.c.	816	289	2,853	588	..
Exceeding 2,800 c.c. but not exceeding 3,500 c.c.	700	549	204	396	5
Exceeding 3,500 c.c.					
Total cars and taxis, and chassis with engines therefor (excluding electrically propelled cars)	483,259	172,025	718,527	257,521	..
Commercial vehicles, utilities and special purpose vehicles (other than taxis, three-wheeled vehicles, tractors and industrial trucks but including fire engines, ambulances and articulated vehicles) complete, and chassis with engines therefor (a)					
Public service passenger vehicles with internal combustion engines, complete (assembled or otherwise)					
Single deck with chassis not exceeding 50 cwt. unladen weight					
With compression ignition engines			13	19	..
Other					
Single deck with chassis exceeding 50 cwt. unladen weight	787	1,842			
With compression ignition engines			556	1,339	11
Other			193	343	..
Double deck	973	2,958	95	382	..
Chassis not exceeding 50 cwt. unladen weight for passenger vehicles, with internal combustion engines	2,519	1,564	1,081	694	..
Chassis exceeding 50 cwt. unladen weight for passenger service vehicles, with internal combustion engines	6,247	11,029	6,924	12,012	13
Total of commercial passenger vehicles with internal combustion engines, and chassis with engines therefor (b)	10,526	17,394	8,862	14,788	..
Electric trolley buses					
Complete vehicles (assembled or otherwise)					
Single deck					
Chassis with engines	155	378(c)	52	188	..
For single deck					
For double deck					
Delivery vans and dual purpose vehicles (utilities) with internal combustion engines, complete (assembled or otherwise)	106,864	32,236	114,477	36,959	26

TABLE 5 (contd.)

	1951		1954		
	Quantity	Value	Quantity	Value	Entries
	Number	£'000	Number	£'000	Number
Motor vehicles (including electrically driven vehicles), other than motor cycles and three-wheeled vehicles (contd.)					
Commercial vehicles, utilities and special purpose vehicles (other than taxis, three-wheeled vehicles, tractors and industrial trucks but including fire engines, ambulances and articulated vehicles) complete, and chassis with engines therefor (a) (contd.)					
Other goods vehicles with internal combustion engines, complete (assembled or otherwise)					
Not exceeding 3 tons unladen weight	763	812	25,435	19,852	28
With compression-ignition engines	62,725	26,640	59,638	28,977	19
Other					
Exceeding 3 tons unladen weight	1,493	3,222	3,785	7,074	28
With compression-ignition engines	18,041	10,069	1,701	1,742	16
Other					
Chassis for goods vehicles, with internal combustion engines (excluding complete motive units for articulated vehicles) (d)					
With compression-ignition engines	15,371	16,818	25,149	27,832	22
Other	40,061	16,848	27,772	13,375	12
Total goods vehicles with internal combustion engines, and chassis with engines therefor	245,318	106,646	257,957	135,812	..
Electrically operated goods and special purpose vehicles (other than industrial trucks)					
Complete vehicles (assembled or otherwise)					
Pedestrian controlled	886	239	485	177	7
Other	817	616	904	733	11
Chassis with engines	226	81	415	127	7
Fire engines, ambulances, etc. (e)	1,484	1,994	845	1,612	14
Tractors (including three-wheeled tractors but excluding works tractors), complete					
Track laying					
Base machines (i.e. machines without equipment) excluding machines specially adapted for purposes in which the track is ancillary	3,826	3,133	3,678	4,271	7
Machines fitted with equipment (e.g. angle-dozers, bulldozers)	295	642	1,010	1,939	..
Other and unclassified	1,590	580	1,147	522	9
Wheeled and half-track					
Agricultural and market garden types					
With internal combustion engines					
Under 10 h.p.	21,811	1,685	15,305	2,976	16
10 h.p. and over	134,044	46,610	123,983	50,321	17
Motive units for articulated vehicles	1,863	1,762	2,876	4,564	13
Other types with internal combustion engines	410	1,522(f)	310	2,017	8
Total tractors (except works tractors)	163,839	55,934	148,309	66,611	..
Industrial and works trucks and works tractors (of the types used in factories, warehouses, railway stations and docks), complete					
Trucks					
Fork lift	692	887	1,470	1,699	13
Electrically operated	1,731	1,927	1,277	1,761	10
With internal combustion engines					

TABLE 5 (contd.)

	1951		1954		
	Quantity	Value	Quantity	Value	Entries
	Number	£'000	Number	£'000	Number
Motor vehicles (including electrically driven vehicles), other than motor cycles and three-wheeled vehicles (contd.)					
Industrial and works trucks and works tractors (of the types used in factories, warehouses, railway stations and docks), complete (contd.)					
Trucks (contd.)					
Platform and other					
Electrically operated	2,060	742	1,211	566	16
With internal combustion engines	2,449	677	1,065	383	14
			..	846	
Works tractors	529	374	561	368	10
Reconditioned motor vehicles	3,175	1,511	661	286	19
	..	444	..	168	
Motor cycles and three-wheeled vehicles					
Complete motor cycles (including autocycles, miniature motor cycles and motorised bicycles)					
Not exceeding 60 c.c.			20,882	607	7
Exceeding 60 c.c. but not exceeding 150 c.c.	83,494	5,130(g)	50,883	3,284	12
Exceeding 150 c.c. but not exceeding 250 c.c.			35,545	3,156	14
Exceeding 250 c.c.	94,104	11,697	80,294	10,821	11
Three-wheeled vehicles and chassis with engines (including motor cycle combinations but excluding tractors)					
Passenger	2,589	283	4,083	808	10
			..	146	
Goods	1,803	385	1,305	180	6
Total motor cycles complete, three-wheeled vehicles and chassis with engines	181,990	17,494	192,992	18,856	..
			..	146	
Unclassified motor vehicles, including electrically propelled cars and chassis with engines, mechanically propelled invalid carriages and bath chairs, and reconditioned motor cycles	213	95(h)	..	263	18
Parts and accessories of motor vehicles (except chassis with engines), sold separately					
Motor bodies, complete					
For cars and taxis	159,329	23,538	296,178	37,213	23
For commercial vehicles					
Trolley buses	170	363	43	127	..
Other passenger vehicles					
Single deck	4,208	7,453	2,350	4,392	37
Double deck	2,679	6,055	2,053	4,641	15
Trolley buses and other passenger vehicles, unclassified	288	327	33	82	8
Delivery vans (including utilities)	42,097	4,669	50,175	5,634	178
Other goods and commercial vehicles	39,915	5,893	27,654	7,242	256
	..	977	..	965	
Total motor bodies, complete	248,687	48,299	378,486	59,331	..
	..	977	..	965	
Cabs for goods vehicles	26,177	1,665	43,184	3,380	59
Other parts of motor bodies					
Motor body shells	303,746	13,908	385,490	24,678	23

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TABLE 5 (contd.)

	1951		1954		
	Quantity	Value	Quantity	Value	Entries
	No. of sets	£'000	No. of sets	£'000	Number
Parts and accessories of motor vehicles (except chassis with engines), sold separately (contd.)					
Other parts of motor bodies (contd.)					
Panels for goods vehicles	25,766	315	21,056	718	20
	..	90	..	1,034	
Sheet metal (bonnets, wings, petrol tanks, etc.), not elsewhere specified	..	8,227	..	9,824	73
Other	..	6,836	..	5,612	71
	Number		Number		
Chassis without engines	125,531	1,934	25,197	332	13
			..	5,602	
Sidecars and sidecar chassis and bodies	13,078	546	14,732	724	9
			..	167	
Internal combustion engines, complete					
Compression-ignition	61,875	11,308	84,061	20,695	26
			..	6,523	
Other propelling power					
For motor vehicles (including tractors)	146,550	8,804	95,268	9,948	14
	..	1,006	..	..
For motor cycles and three-wheeled vehicles, other than tractors			10,305	139	..
Not exceeding 60 c.c.			..	504	
Exceeding 60 c.c. but not exceeding 150 c.c.	125,176	1,793	20,850	350	..
	..	102	28,554	803	7
Exceeding 150 c.c.			..	..
Parts of engines, not elsewhere specified, new and reconditioned	..	19,869	..	27,085	68
			84,262	4,217	29
			..	3,563	
Reconditioned engines					
Wheels and parts thereof not elsewhere specified (except tyres sold separately)	Tons		Tons		
For motor vehicles (including tractors and electrically driven vehicles), other than motor cycles and three-wheeled vehicles	116,490	7,268	99,505	8,838	20
For motor cycles and three-wheeled vehicles other than tractors	1,029	104	1,120	205	16
	..	99	..	429	
Gear boxes, new and reconditioned	Number		Number		
For motor vehicles (including tractors and electrically driven vehicles), other than motor cycles and three-wheeled vehicles	36,016	1,792	53,733	2,469	31
	..	368	..	766	
For motor cycles and three-wheeled vehicles, other than tractors	50,112	406	53,595	612	8
	Number		Number		
	124,667	8,633	129,259	8,725	39
	36,926	..	726,587	..	
	..	..	..	461	
	
Axles, new and reconditioned	Tons		Tons		
Brakes and parts thereof, other than linings containing asbestos and brake cables sold separately	22,962	4,333	2,923	620	40
	..	7,444	..	15,777	
Clutches and parts thereof, other than linings containing asbestos	18,597	2,923	33,510	3,655	24
			..	818	
Gaskets and jointings	5,466	2,834	574	754	36
	..	1,281	..	3,361	
	Th.		Th.		
Carburettors	1,740	2,637	1,730	2,784	16
Radiators	806	5,712	..	8,237	29
Radiator blocks returned separately (e)	..	1,447	
	949	399	1,194	503	24
	..	97	..	106	
Registration plates of all kinds					

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TABLE 5 (contd.)

	1951		1954		Entries
	Quantity	Value	Quantity	Value	
Parts and accessories of motor vehicles (except chassis with engines), sold separately (contd.)	Th.	£'000	Th.	£'000	Number
Windscreens and windshields, etc.	1,443	2,413	679	1,795	38
	..	443	..	1,193	
	Cwt.		Cwt.		
Windscreen wipers and parts thereof	7,166	601	..	2,828	11
	..	1,181	..	..
	Th.		Th.		
Sparkling plugs, other than for aero-engines	42,774	3,415	40,976	3,507	11
Instruments					
Speedometers			1,249	1,390	12
Other, except electrical instruments, clocks, thermostats and pressure gauges (i)	..	3,912	..	2,755	9
Saddles and pillion seats	309	289	185	248	15
			..	66	
Steering gears (and parts) for motor vehicles (including tractors), new and reconditioned	..	3,555(e)	..	6,760	34
Parts of tractors, not elsewhere specified	..	6,127	..	6,332	117
Tipping gears (including hydraulic pumps therefor) and parts	..	1,168	..	2,148	18
Flexible pipes and drives and other pipes and tubes (e)	..	777	..	1,926	13
Gear box and transmission parts (e)			..	10,192	22
Exhaust pipes and silencers and parts thereof (e)			..	1,571	12
Suspensions, shock absorbers, dampers and parts thereof (e)	..	52,747	..	6,921	13
Other parts and accessories new and reconditioned (j)			..	37,266	140
Unclassified parts and accessories	..	30,482	..	28,540	251
Total motor vehicle and motor cycle parts and accessories (except bodies, complete)		231,036		301,721	..
Cycles (not mechanically propelled)					
Complete bicycles and tricycles (other than children's with wheels smaller than 15 in.)	3,786	30,380	3,058	27,305	44
Parts and accessories of cycles sold separately					
	Tons		Tons		
Frames and frame tubes	329	243	396	186	16
Handlebars with or without brake fittings and head and bracket fittings	1,919	800	1,766	711	10
	..	241	..	270	
Wheels and parts thereof, not included elsewhere (except tyres sold separately)	10,058	1,275	8,353	1,322	12
	..	606	..	380	
Variable gears (including all forms of multi-speed gears)	..	(k)	1,735	1,452	5
	Th.		Th.		
Hubs (other than for variable gears, including coaster hubs)	5,023	1,283	4,754	953	11
Free-wheels	5,233	671	3,539	469	8
			..	77	
Gear cases	1,763	439	700	269	6
Saddles	4,489	2,559	2,966	2,054	9
Mudguards	5,230	484	3,650	439	15
	..	230	..	150	
Bells	1,719	121	2,967	175	8
	..	276	
Inflators	6,409	708	5,433	806	11
Brakes and parts thereof (e)	..	717	..	676	9

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TABLE 5 (contd.)

	1951		1954		Entries
	Quantity	Value	Quantity	Value	
Cycles (not mechanically propelled) (contd.)		£'000		£'000	Number
Parts and accessories of cycles sold separately (contd.)					
Chain wheels and cranks (e)	..	1,082	..	731	..
Other parts and accessories, not elsewhere specified, including pedals (j)	..	4,658(1)	..	3,936	62
Unclassified parts and accessories	..	875	..	1,138	23
Total parts and accessories of cycles		17,270		16,192	..
	Th.		Th.		
Sparkling plugs for aero-engines	513	402	387	334	..
Trailers and caravans, complete					
Trailers	Number		Number		
Goods carrying, car type	1,966	94	3,063	385	19
Goods carrying, semi-trailers	5,142	2,070	6,503	3,058	21
For industrial trucks	5,995	536	2,454	671	16
Other					
Of a capacity not exceeding 5 tons	4,887	684	10,971	1,364	34
	..	999	..	596	
Of a capacity exceeding 5 tons	2,190	880	962	2,172	18
Caravans	18,195	6,558	15,950	5,242	47
Parts of trailers and caravans	..	1,525(e)	..	1,383	61
Waste products other than scrap metals	..	218	..	292	90
Work done for the trade or on commission (m)		3,762		4,728	94
Research and development work (e) (m)		221		326	8
Total		725,370		929,393	..
Sales in other industries (see Table 6)		29,969		36,542	..
Principal products of this industry sold by establishments in the industry		695,401		892,851	787

(a) For steam driven commercial vehicles see the Railway Locomotive Shops and Locomotive Manufacturing Industry (Volume 3, Industry L).

(b) Of the total output of passenger vehicles and chassis 7,891 in 1951 and 6,379 in 1954 are recorded as fitted with compression-ignition engines.

(c) Including double deck vehicles, complete.

(d) Of the total output of chassis for goods vehicles 43,582 in 1951 and 35,835 in 1954 would, when complete with body, not exceed 3 tons unladen weight and 11,850 in 1951 and 17,086 in 1954 would exceed 3 tons unladen weight.

(e) So far as recorded separately.

(f) Described as 'Other types'.

(g) Described as:

	No.	£'000
Not exceeding 100 c.c.	18,647	764
Exceeding 100 c.c. but not exceeding 250 c.c.	64,847	4,366

(h) Described as 'Other motor vehicles, including electrically propelled cars, and mechanically propelled invalid carriages and bath chairs'.

(i) For electrical instruments, see the Electrical Engineering (General) Industry (Volume 4, Industry K); for clocks, the Watch and Clock Industry (Volume 5, Industry I); for thermostats, the Scientific, Surgical and Photographic Instruments, etc. Industry (Volume 5, Industry H); and for pressure gauges, the Mechanical Engineering (General) Industry (Volume 4, Industry I).

(j) For transmission chains and ball and roller bearings, see the Mechanical Engineering (General) Industry (Volume 4, Industry I); for electrical equipment, the Electrical Engineering (General) Industry (Volume 4, Industry K); for springs, the Chain, Nail, Screw and Miscellaneous Forgings Industry (Volume 5, Industry C); for brake and clutch linings containing asbestos, the Asbestos Industry (Volume 7, Industry A); and for rubber tyres and tubes, the Rubber Industry (Volume 11, Industry A).

(k) Not recorded separately.

(l) Including variable gears (including all forms of multi-speed gears).

(m) Amount charged.

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Sales of principal products of the industry by establishments
classified to other industries

Larger establishments in the United Kingdom

TABLE 6

	1954			Principal industries in which produced (a)
	Quantity	Value	Entries	
	Number	£'000	Number	
Commercial vehicles, utilities and special purpose vehicles (other than taxis, three-wheeled vehicles, tractors and industrial trucks but including fire engines, ambulances and articulated vehicles) complete, and chassis with engines therefor				
Public service passenger vehicles with internal combustion engines, complete (assembled or otherwise)				
Single deck with chassis exceeding 50 cwt. unladen weight, with compression-ignition engines				
Chassis exceeding 50 cwt. unladen weight for passenger vehicles, with internal combustion engines				
Delivery vans and dual purpose vehicles (utilities) with internal combustion engines, complete (assembled or otherwise)	585	968	8	3J, 3M, 4I
Other goods vehicles with internal combustion engines, complete (assembled or otherwise)				
Not exceeding 3 tons unladen weight				
With compression-ignition engines				
Other				
Exceeding 3 tons unladen weight				
With compression-ignition engines	59	110	..	3J
Other	197	215	7	3J
Chassis for goods vehicles, with internal combustion engines (excluding complete motive units for articulated vehicles)				
With compression-ignition engines				
Electrically operated goods and special purpose vehicles (other than industrial trucks)	263	150	..	3J, 4K
Complete vehicles (assembled or otherwise)				
Chassis with engines	8	13	..	3J, 4I
Fire engines, ambulances, etc.	..	31	..	
Tractors (including three-wheeled tractors but excluding works tractors), complete				
Track-laying	1,157	465	8	3L, 4I, 4J
Wheeled and half-track				
Agricultural and market garden types, with internal combustion engines				
Other types, with internal combustion engines (except motive units for articulated vehicles)	8,043	3,613	23	3J, 4B, 4I
Industrial and works trucks and works tractors (of the types used in factories, warehouses, railway stations and docks), complete				
Trucks				
Fork lift	378	498	6	4G, 4I
Platform and other	1,027	509	..	
Works tractors	..	846	14	3L, 4C, 4G, 4I
Reconditioned motor vehicles	34	12	..	3J, 4I
	..	19	..	

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TABLE 6 (contd.)

	1954			Principal industries in which produced (a)
	Quantity	Value	Entries	
	Number	£'000	Number	
Complete cars and taxis (excluding utilities and three-wheeled vehicles) exceeding 1,600 c.c. but not exceeding 3,500 c.c.; chassis with engines for cars and taxis exceeding 1,600 c.c. but not exceeding 2,200 c.c.; three-wheeled passenger vehicles and chassis with engines (including motor cycle combinations but excluding tractors); and unclassified motor vehicles, including electrically propelled cars and chassis with engines, mechanically propelled invalid carriages and bath chairs, and reconditioned motor cycles	..	3,524	19	3J, 3K, 4K, 10A
Parts and accessories of motor vehicles (except chassis with engines), sold separately				
Motor bodies, complete				
For cars and taxis	1,105	167	6	3J, 3K
For commercial vehicles				
Trolley buses and other passenger vehicles	2,073	1,350	102	3J, 3K, 3M
Delivery vans (including utilities)	2,636	792	..	
Other goods and commercial vehicles	..	375	128	3J, 3M, 4I, 10A
Cabs for goods vehicles	188	17	5	3J, 5E
Other parts of motor bodies				
Sheet metal (bonnets, wings, petrol tanks, etc.) not elsewhere specified	..	456	11	3J, 3M, 5E
Motor body shells	..	765	11	3J, 5C, 5E, 10F
Panels for goods vehicles	..			
Other				
Internal combustion engines, complete, except for motor cycles and three-wheeled vehicles, other than tractors, exceeding 60 c.c.	795	140	..	
Parts of engines, not elsewhere specified, new and reconditioned	..	554	11	3J, 4I, 5A
Reconditioned engines	105	8	..	4I
Wheels and parts thereof, not included elsewhere (except tyres sold separately)	..	17	..	
Steering gears (and parts) for motor vehicles (including tractors), new and reconditioned	..	3,005	6	3J, 4I, 4M, 5H
Gear boxes for motor vehicles (including tractors and electrically driven vehicles) other than motor cycles and three-wheeled vehicles, new and reconditioned	..	598	5	4C, 4I
Axles new and reconditioned	Tons			
Brakes and clutches and parts thereof, other than linings containing asbestos and brake cables sold separately	811	244	..	
Gaskets and jointings	..	652	9	3K, 4I, 4K, 7A
Radiators and radiator blocks returned separately	568	642	11	7A, 11A
Parts of tractors, not elsewhere specified	..	248	..	
Other parts and accessories, new and reconditioned, not elsewhere specified, including chassis without engines; sidecars and sidecar chassis and bodies; carburettors; registration plates of all kinds; windcreens, windshields, etc.; windscreen wipers and parts thereof; sparking plugs, other than for aero-engines; speedometers; other instruments, except electrical instruments, clocks, thermostats and pressure gauges; and saddles and pillion seats	..	564	6	3J, 3K, 4A
Unclassified parts and accessories	..	1,671	71	4G, 4I, 4J, 5E
	..	7,019	55	
	..	3,436	121	

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TABLE 6 (contd.)

	1954			Principal industries in which produced (a)
	Quantity	Value	Entries	
Cycles (not mechanically propelled)	Th.	£'000	Number	
Complete bicycles and tricycles (other than children's with wheels smaller than 15 ins.)	24	205	6	5E, 11D
Parts and accessories of cycles, sold separately				
Frames and frame tubes				
Wheels and parts thereof, not included elsewhere (except tyres sold separately)				
Hubs (other than for variable gears, including coaster hubs)	..	1,468	8	3K, 4I, 5C, 11A
Saddles				
Bells				
Inflators				
Other parts and accessories, not elsewhere specified, including pedals, but excluding handlebars with or without brake fittings and head and bracket fittings; free wheels; gear cases; mudguards; brakes and parts thereof; and chain wheels and cranks	..	718	12	
Unclassified parts and accessories	..	80	8	
Trailers and caravans, complete				
Trailers	Number			
Goods carrying, car type	246	59	..	3J, 4I
Goods carrying, semi-trailers	548	53	..	4I, 4J
For industrial trucks				
Other	396	58	5	3J, 4K, 5E
	..	52		
Caravans	..	19	6	
Parts of trailers and caravans				
Work done for the trade or on commission, and research and development work (b)		110	8	
Total		36,542	..	

(a) The volume number and industry references given are to the industries shown in the list at the back of this report.

(b) Amount charged.

Sales in the industry of other than principal products
Larger establishments in the United Kingdom

TABLE 7

	1954	
	Quantity	Value
Iron castings in the rough or machined		£'000
For motor vehicles and cycles (including castings for engines)	..	1,332
Other	..	139
Steel forgings	..	910
Children's bicycles and tricycles, and parts thereof	..	196
Electrical equipment for motor vehicles and cycles	..	5,366

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TABLE 7 (contd.)

	1954	
	Quantity	Value
		£'000
Other electrical machinery and apparatus and parts thereof	..	5,142
Aero-engines and parts thereof	..	9,869
Other aircraft parts and accessories	..	3,985
Rail vehicles and parts thereof	..	736
Non-mechanically propelled vehicles (except cycles) and parts thereof	..	553
Metal furniture and parts thereof	..	1,646
Other hardware, hollow-ware and sheet metal ware	..	3,537
Marine machinery and parts thereof	..	1,169
Machine tools, metal working, and parts thereof	..	2,316
Engineers' small tools and parts thereof	..	1,478
Agricultural machinery and parts thereof	..	6,079
Prime movers and parts thereof	..	6,040
Arms, ammunition and naval, military and air force stores	..	16,195
Other engineering products	..	6,952
Other manufactures of iron and steel	..	382
Other manufactures of non-ferrous metals	..	161
Manufactures of wood	..	1,030
Other goods, including sales of electricity, gas and steam	..	3,237
	Th.tons	
Scrap metals sold		
Iron and steel	503	2,497
Other scrap metals	..	574
Repair work (a)		
To motor vehicles, including motor cycles		8,240
To other cycles		63
To other vehicles		363
Other		1,715
Iron and steel structural work, excluding the value of goods made and used by the firms carrying out the work and recorded as goods sold (a)		83
Research and development work for the engineering and aircraft industries (a)		288
Other work done (a)		4,092
Total		98,878

(a) Amount charged.

TABLE 8 - Total make of intermediate products
Larger establishments in the United Kingdom

Particulars for this table cannot be given as the details of quantity recorded for 1954 are incomplete.

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Purchases of materials and fuel, 1954

Larger establishments in the United Kingdom

TABLE 9

	Quantity	Cost
	Th. tons	£'000
Materials		
Drop forgings of iron and steel	162.6	21,262
	..	4,632
Wrought tubes and fittings for wrought tubes of iron and steel	10.4	986
	..	414
Chains, except transmission and conveyor, of iron and steel	3.3	460
	..	266
Iron		
Pig iron	28.0	499
Castings in the rough or machined	230.2	20,754
	..	3,892
Other iron except finished parts	1.4	86
	..	727
Steel		
Angles, sections shapes, bars and rods, girders, beams, joists and tube rounds, squares, hollows and shells	386.4	22,978
	..	2,848
Castings in the rough or machined	23.0	3,718
	..	903
Forgings (except drop forgings) in the rough or machined	42.0	3,858
	..	2,338
Tin-, terne- and black-plates and tin- and terne-sheets	28.0	1,671
	..	435
Other plates and sheets 1/8 inch thick and over, and hoop and strip (including tape) of all thicknesses	283.0	13,065
Other sheets and plates under 1/8 inch thick including electric sheets	662.1	30,052
Wire (single wire)	14.7	1,048
	1.1	210
Wire manufactures including stranded wire of two or more ply	..	132
	113.1	3,766
	..	1,620
Springs, laminated and other types	..	9,260
Bolts, rivets, nuts and washers, screws, nails, tacks, etc.	..	..
Aluminium		
Wire	0.1	39
All other forms, except finished parts and scrap	44.2	11,516
	..	1,619
Copper		
Wire	1.3	478
All other forms, except finished parts and scrap	9.7	3,081
Brass and other copper alloys (including nickel silver and cupro-nickel but excluding all other nickel alloys) in all forms except finished parts and scrap	21.4	6,238
Rubber		
Tyres	Th. doz.	
Pedal cycle tyres	476.9	1,445
All other types	334.9	17,491
	..	4,125
Tubes		
For pedal cycle tyres	462.4	585
For all other types	310.8	2,013
	..	483
Other rubber manufactures	..	5,595

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TABLE 9 (contd.)

	Quantity	Cost
		£'000
Materials (contd.)		
Glass		
Safety	..	2,850
Other plate and sheet	..	755
Timber (other than reclaimed) excluding that used for packing or packing case manufacture, joinery and other fabricated woodwork		
	Th. cu. ft.	
	1,897	1,941
	..	300
	1,557	919
	..	587
	Th. sq. ft.	
	19,619	1,056
	..	129
	Th. gal.	
	3,603	4,132
	..	1,985
	Th. sq. ft.	
	12,345	1,897
	..	605
	Th. sq. yds.	
	9,234	2,607
	..	590
Woven piece goods (for upholstery fabrics, etc.)		
Of cotton or mainly of cotton	1,846	527
	..	623
Of wool or mainly of wool	1,680	829
	2,752	512
	..	200
Vehicle components and accessories for incorporation in the finished products of the industry		
Chassis with engines including chassis frames		
	Number	
	40	62
For cars and taxis	..	386
	1,592	1,347
For commercial vehicles	..	754
Chassis without engines including chassis frames	47,619	1,503
Motor bodies		
For cars and taxis	227,021	24,996
	..	17,704
	39,456	2,856
For commercial vehicles	..	3,173
Complete engines (excluding engines forming part of chassis)		
For cars and commercial vehicles	202,729	19,071
	..	366
	24,085	504
For motor cycles and tri-cars	..	97
Ball and roller bearings and parts	..	8,364
Instruments and parts including speedometers and clocks	..	4,143
Finished plastics components and fittings	..	1,190

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TABLE 9 (contd.)

	Quantity		Cost
	Number		£'000
Materials (contd.)			
Vehicle components and accessories for incorporation in the finished products of the industry (contd.)			
Electrical equipment and electrically operated instruments and equipment such as lamps and windscreen wipers, new or reconditioned			
Electric motors, separately purchased	..		2,256
Dynamos and magnetos, separately purchased	..		2,412
Other electrical equipment including batteries and sparking plugs	..		16,328
Other vehicle components, accessories and parts of engines for motor vehicles	..		92,035
Other components and accessories for pedal cycles including auxiliary engines	..		8,178
Purchased secondhand motor vehicles for reconditioning	529		207
	..		17
Packing materials			
Cardboard boxes, cartons and fibreboard packing cases	Th.cwt. 73		379
	..		586
	Th.cu.ft. of timber		
Packing cases (wood or mainly of wood)	3,981		2,086
	..		1,075
Other packing materials	..		1,523
Replacement parts for firms' own machinery, plant and vehicles	..		5,637
Consumable tools bought as replacement including engineers' small tools, jigs, fixtures and measuring instruments	..		9,860
All other purchased materials	..		69,282
Unclassified materials	..		69,400
Fuel and electricity			
Coal	Th.tons 785.5		2,856
Coke	107.3		715
Liquid fuel (including creosote/pitch mixtures)			
For use in internal combustion engines			
Motor spirit (petrol) for use in road vehicles and derv. fuel	Th.gal. 11,022		2,039
Other	1,593		194
For burning in furnaces, boilers, kilns, etc.	22,735		1,051
Gas purchased (a)			
From Gas Boards and other sources, including other departments of the same firms	Th.therms 41,789		2,675
Electricity purchased (b)			
From Electricity Boards	Th.kWh. 1,025,419		4,922
From other sources, including other departments of the same firms	59,306		298
All other purchased fuel	..		319
Total cost			612,484

(a) Owing to the risk of disclosure of information relating to individual firms, the total quantity of gas produced and the total quantity used in the same works cannot be given.

(b) Owing to the risk of disclosure of information relating to individual firms, the total quantity of electricity generated in firms' own establishments cannot be given.

Average number of employees and wages, salaries and superannuation payments (a)
Larger establishments in the United Kingdom

TABLE 10

	Great Britain		United Kingdom	
	1951		1954	
	Number		Number	
Average number of employees				
Operatives	301,331		310,584	
Administrative, technical and clerical employees	59,771		65,532	
Total	361,102		376,116	
Wages and salaries paid to	£'000		£'000	
Operatives	127,784		165,973	
Administrative, technical and clerical employees	30,217		39,001	
Total	158,000		204,974	
Wages and salaries per head	£		£	
Operatives	424		534	
Administrative, technical and clerical employees	506		595	
Superannuation and other pension funds for employees and dependents (b)			£'000	
Employers' contributions	..		3,466	
Employees covered	..		Number	
			175,366	
			£'000	
			136	
Pension, etc. payments to former employees and dependents (b)	..		..

(a) The following persons not included above, were also employed by larger establishments in this industry ('other workers' includes, for example, employees engaged in merchanting):

	Great Britain		United Kingdom	
	1951		1954	
	Number		Number	
Canteen workers				
Male	145		216	
Female	2,280		2,327	
Total	2,425		2,543	
Other workers				
Male	2,267		2,085	
Female	1,102		1,015	
Total	3,369		3,100	
Total excluded employees	5,794		5,643	

Outworkers. The firms in this industry employed 9 male and 115 female outworkers in 1951 and 4 male and 83 female outworkers in 1954, the amounts paid to them being £11,000 in 1951 and £8,000 in 1954.

(b) The figures given relate to larger establishments in Great Britain only.

Employment in a specified week (a)

Larger establishments in the United Kingdom

TABLE 11

	Great Britain			United Kingdom		
	1951			1954		
	Males	Females	Total	Males	Females	Total
Working proprietors	116	9	125	82	9	91
Operatives	259,061	42,079	301,140	278,861	43,752	322,613
Administrative, technical and clerical employees	39,945	21,170	61,115	44,959	23,029	67,988
Total employees	299,006	63,249	362,255	323,820	66,781	390,601

(a) Week ended September 22, 1951, or October 30, 1954.

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