



BOARD OF TRADE

THE REPORT
on the
CENSUS OF PRODUCTION
FOR 1950
VOLUME 3

Metal Manufacture and Vehicles

*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)*

LONDON: HER MAJESTY'S STATIONERY OFFICE

1953

TWO SHILLINGS NET

23.6133

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The Report on the Census of Production for 1950

Volume 3. Metal Manufacture and Vehicles

In interpreting the data in the following tables, it is essential to bear in mind not only the qualifications mentioned in this volume, but also the general explanations and qualifications contained in the separate booklet published in this series entitled "The Report on the Census of Production for 1950: Introductory Notes," price 1s. 0d. net.

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Table 1. Output, materials, stocks, average employment, etc. in larger establishments and average employment in small firms for the trades listed below. (These particulars relate only to firms' own productive activities, including repair work; merchanting activities are excluded) Pages 3/2 to 3/9

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A Blast Furnaces	40	Iron smelting and the manufacture of pig iron, ferro-manganese and spiegeleisen	3/2
B Iron and Steel (Melting and Rolling)	41	The production of ferro-alloys not made in blast furnaces; of refined pig-iron; of puddled and wrought iron; of steel ingots, steel castings and rolled steel products; and of material for conversion into tubes, sheets and tinplate but not the production of tubes, sheets and tinplate in their final form	3/2
C Iron Foundries	42	The manufacture of cast iron goods of all descriptions	3/3
D Steel Sheets	43 (1)	The rolling from the bar or slab of steel sheets and the production of coated sheets including galvanized sheets (flat or corrugated)	3/3
E Tinplate	43 (2)	The rolling from the bar or slab of tin-, terne-, and blackplate and the production of tinned sheets and terne sheets	3/4
F Wrought Iron and Steel Tubes	44	The manufacture of tubes (including fittings) for boilers, cycles, bedsteads, etc., metal conduits, gas cylinders and pressure vessels. Melting and rolling in integrated works and the manufacture of flexible tubes are included	3/4
G Non-Ferrous Metals (Smelting, Rolling, etc.)	49	The manufacture of non-ferrous metals (other than precious metals) from the preliminary stage. Establishments mainly producing goods advanced beyond the semi-finished stage are not included but are dealt with in the reports on other trades, e.g. Brass Manufactures; Wire; Hardware, Hollow-ware, etc.	3/5
H Scrap Metal	99 (8) (part)	This is an "overlap" trade (see the separate booklet published in this series entitled "The Report on the Census of Production for 1950: Introductory Notes," page i). Establishments in the trade in Great Britain that were engaged also in merchanting or retailing made returns for 1950 in the census of distribution only. Particulars of the limited information available in the census of production for establishments in Great Britain that sold no merchant goods nor undertake retailing are given in Table 3 and in the "Note on Overlap Trades" on page 3/13.	
I Motor Vehicles and Cycles (Manufacturing)	80 and 83 (part)	The manufacture of motor vehicles and cycles, including parts and accessories other than electrical equipment, transmission chains and springs	3/5
J Motor Vehicles and Cycles (Repairing)	81 (1) and 81 (2) (part)	The repair of motor vehicles and cycles for the trade, including the repair establishments of firms and of transport undertakings which were similarly engaged in work on their own vehicles (other than establishments solely engaged in routine maintenance work)	3/6
K Aircraft Manufacture and Repair	82 and 83 (part)	The manufacture and repair of complete aircraft (including gliders, airships and balloons) and frames, and of engines, propellers, undercarriages, and other parts and accessories (except electrical equipment)	3/6
L Railway Locomotive Shops and Locomotive Manufacturing		The manufacture of locomotives, railway signals, turntables, automatic couplings and brake gear (including repair work other than light repairs carried out in running sheds), steam traction engines, steam wagons and road rollers	3/7
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M Railway Carriages and Wagons and Trams		The manufacture and repair of railway coaches, wagons, etc., trams, and of colliery tubs, trams and trucks, etc.	3/8
(1) Railway establishments	86 (1)		
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N Carts, Perambulators, etc.	89	The manufacture and repair of horse-drawn carts, carriages and wagons, and of hand-trucks, wheelbarrows, perambulators, pushchairs, bathchairs, etc. (including the manufacture of parts such as wheels and axles)	3/9

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Table I—A Blast Furnaces Trade

	Unit	1950					1949	1948	1935
		England	Wales	Scotland	Northern Ireland	United Kingdom	United Kingdom	Great Britain	United Kingdom
Establishments employing on average more than 10 persons ...	No.	47(a)	(a)	4	—	51	50(b)	51	48(b)
Total value of sales ...	£'000	105,566	..	8,267	—	113,833	104,887	94,111	..
Total amount charged to customers for work done ...	..	83	..	1	—	84	..	..	..
Stocks of finished goods produced { at beginning of year ...	..	2,195	..	178	—	2,373	1,307	1,425	..
for sale and work in progress { at end of year ...	..	2,399	..	200	—	2,599	2,383	1,302	..
Payment for transport by other firms ...	..	2,637	..	165	—	2,802	2,175	2,083	..
Gross output (production) ...	..	103,217	..	8,125	—	111,342	103,788	91,906	21,047
Purchases of materials and fuel (c) ...	..	83,640	..	6,567	—	90,207	85,668	73,677	..
Stocks of mater- f at beginning of year ...	..	6,110	..	583	—	6,693	4,919	4,126	..
ials and fuel { at end of year ...	..	5,706	..	434	—	6,140	6,671	4,925	..
Cost of materials and fuel used (c) ...	..	84,044	..	6,717	—	90,761	83,916	72,878	16,964
Payment for work done on materials given out ...	..	113	..	—	—	113	114	70	..
Net output (c) ...	..	19,059	..	1,408	—	20,468	19,759	18,958	4,083
Average number { operatives ...	No.	22,690	..	1,634	—	24,324	23,629	14,551	..
employed { other workers ...	..	3,551	..	182	—	3,733	3,727	3,628	1,264
Working proprietors ...	..	—	..	—	—	—	—	—	..
Total employment including working proprietors ...	..	26,241	..	1,816	—	28,057	27,943	27,257	15,815
Net output per person employed (c) ...	£	726	..	775	—	729	707	696	258
Wages and salaries { of operatives ...	£'000	9,286	..	655	—	9,941	9,545	8,994	..
{ of other workers ...	..	1,748	..	89	—	1,837	1,717	1,602	..
Employers' share of all National Insurance contributions	..	271	..	20	—	291	285	216	..
Outworkers : average number employed ...	No.	—	..	—	—	—	—	—	..
Firms employing on average 10 or fewer : number of returns	..	—	..	—	..	—(d)	—	—	..
All firms (including those not making satisfactory returns) :	..	26,241(a)	(a)	1,816	..	28,057(d)	27,943	27,257	..
estimated average employment ...	..	..	..	..	..	..	..	..	..

Table I—B Iron and Steel (Melting and Rolling) Trade

	No.	1950					1949	1948	1935
		England	Wales	Scotland	Northern Ireland	United Kingdom	United Kingdom	Great Britain	United Kingdom
Establishments employing on average more than 10 persons ...	No.	319	31	49	—	399	401(b)	398	282(b)(e)
Total value of sales ...	£'000	326,066	87,572	57,911	—	471,549	431,088	366,709	..
Total amount charged to customers for work done ...	..	4,814	16	320	—	5,150	..	7,386	..
Stocks of finished goods produced { at beginning of year ...	..	22,979	2,207	2,761	—	27,947	24,732	21,338	..
for sale and work in progress { at end of year ...	..	23,637	2,198	2,930	—	28,766	28,722	24,737	..
Payment for transport by other firms ...	..	9,260	1,620	2,069	—	12,949	11,258	9,929	..
Gross output (production) ...	..	322,278	85,959	56,331	—	464,569	423,820	367,565	87,481
Purchases of materials and fuel (f) ...	..	211,046	62,844	36,019	—	309,909	288,389	249,399	..
Stocks of mater- f at beginning of year ...	..	26,170	6,585	5,817	—	38,572	29,167	24,574	..
ials and fuel { at end of year ...	..	27,979	6,221	5,494	—	39,695	37,762	29,112	..
Cost of materials and fuel used (f) ...	..	209,238	63,208	36,342	—	308,787	279,794	244,861	57,674
Payment for work done on materials given out ...	..	3,973	20	513	—	4,506	4,030	3,907	772
Net output (f) ...	..	109,067	22,732	19,476	—	151,276	139,996	118,797	29,035
Average number { operatives ...	No.	127,673	22,359	21,639	—	171,671	173,201	170,386	103,055
employed { other workers ...	..	24,937	3,497	3,165	—	31,599	30,974	29,737	..
Working proprietors ...	..	10	—	1	—	11	12	15	11,084
Total employment including working proprietors (g) ...	..	152,620	25,856	24,805	—	203,281	204,187	200,138	114,139
Net output per person employed (f)(g) ...	£	715	879	785	—	744	686	594	254
Wages and salaries { of operatives ...	£'000	51,822	9,913	8,456	—	70,190	67,812	63,644	..
{ of other workers ...	..	11,665	1,716	1,406	—	14,787	13,786	12,764	..
Employers' share of all National Insurance contributions	..	1,556	268	253	—	2,077	2,080	1,596	..
Outworkers : average number employed ...	No.	6	—	—	—	6	7	6	..
Payments to outworkers ...	£'000	1	—	—	—	1	2	3	..
Firms employing on average 10 or fewer : number of returns	No.	31	—	2	..	33(d)	32	40	..
Average number employed (including working proprietors)	..	191	—	13	..	204	208	271	..
All firms (including those not making satisfactory returns) :	..	152,854	25,856	24,818	..	203,528(d)	204,408	200,560	..
estimated average employment ...	..	..	..	..	..	..	..	..	..

(For notes see page 3/12)

Table I—C Iron Foundries Trade

	Unit	1950					1949	1948	1935
		England	Wales	Scotland	Northern Ireland	United Kingdom	United Kingdom	Great Britain	United Kingdom
Establishments employing on average more than 10 persons ...	No.	768(h)	35	105	(h)(i)	908	915	870	857(j)
Total value of sales ...	£'000	113,984	5,556	17,813	..	137,354	126,123	112,652	..
Total amount charged to customers for work done ...	..	6,618	324	963	..	7,905	7,716	6,184	..
Stocks of finished goods produced { at beginning of year ...	..	7,289	276	965	..	8,530	8,247	7,659	..
for sale and work in progress { at end of year ...	..	2,801	89	492	..	3,382	2,735	2,210	..
Payment for transport by other firms ...	..	111,853	5,420	17,324	..	134,597	123,919	113,366	39,418
Gross output (production) ...	..	..	..	..	..	..	..	..	..
Purchases of materials and fuel ...	..	49,970	2,972	7,150	..	60,092	53,604	46,940	..
Stocks of mater- f at beginning of year ...	..	7,062	431	1,255	..	8,748	8,162	6,579	..
ials and fuel { at end of year ...	..	7,549	482	1,301	..	9,332	8,688	8,050	..
Cost of materials and fuel used ...	..	49,483	2,921	7,105	..	59,509	53,079	45,468	16,121
Payment for work done on materials given out ...	..	1,005	81	225	..	1,311	1,069	1,048	205
Net output ...	..	61,365	2,418	9,995	..	73,778	69,771	66,850	23,092
Average number { operatives ...	No.	87,240	4,233	15,784	..	107,257	106,836	104,226	100,203
employed (g) { other workers ...	..	12,528	558	2,460	..	15,546	15,150	14,544	10,539
Working proprietors ...	..	124	10	31	..	165	195	172	..
Total employment including working proprietors (g) ...	..	99,892	4,801	18,275	..	122,968	122,181	118,942	110,742
Net output per person employed (g) ...	£	614	504	547	..	600	571	562	209
Wages and salaries (g) { of operatives ...	£'000	32,488	1,456	5,408	..	39,352	37,593	34,965	..
{ of other workers ...	..	6,094	237	1,038	..	7,369	6,935	6,314	..
Employers' share of all National Insurance contributions	..	1,004	51	183	..	1,238	1,231	954	..
Outworkers : average number employed ...	No.	29	—	—	..	29	41	30	..
Payments to outworkers ...	£'000	2	—	—	..	2	3	2	..
Firms employing on average 10 or fewer : number of returns	No.	143	7	11	..	161(d)	197	195	..
Average number employed (including working proprietors)	..	924	50	80	..	1,054	1,270	1,269	..
All firms (including those not making satisfactory returns) :	..	100,965(h)	4,865	18,355	..	124,185(d)	123,592	120,611	..
estimated average employment ...	..	..	..	..	..	..	..	..	..

Table I—D Steel Sheets Trade

	No.	1950					1949	1948	1935
		England	Wales	Scotland	Northern Ireland	United Kingdom	United Kingdom	Great Britain	United Kingdom
Establishments employing on average more than 10 persons ...	No.	16	14	3	—	33	34(b)	35	34(b)
Total value of sales ...	£'000	12,941	48,540	5,042	—	66,523	58,202	49,679	..
Total amount charged to customers for work done ...	..	113	111	276	—	501	..	564	..
Stocks of finished goods produced { at beginning of year ...	..	726	2,856	183	—	3,764	3,175	2,416	..
for sale and work in progress { at end of year ...	..	829	3,138	208	—	4,175	3,773	3,214	..
Payment for transport by other firms ...	..	233	1,521	168	—	1,922	1,722	1,670	..
Gross output (production) ...	..	12,924	47,413	5,175	—	65,512	57,078	49,371	15,643
Purchases of materials and fuel ...	..	9,819	36,830	4,002	—	50,651	43,660	37,284	..
Stocks of mater- f at beginning of year ...	..	841	3,340	388	—	4,569	3,448	2,937	..
ials and fuel { at end of year ...	..	971	3,245	372	—	4,588	4,568	3,497	..
Cost of materials and fuel used ...	..	9,690	36,925	4,018	—	50,632	42,539	36,724	10,655
Payment for work done on materials given out ...	..	31	117	11	—	158	126	60	4
Net output ...	..	3,204	10,371	1,147	—	14,722	14,412	12,588	4,984
Average number { operatives ...	No.	4,461	11,948	1,775	—	18,184	17,175	17,836	20,561
employed { other workers ...	..	599	1,546	208	—	2,353	2,265	2,129	1,438
Working proprietors ...	..	1	—	—	—	1	1	1	..
Total employment including working proprietors ...	..	5,061	13,494	1,983	—	20,538	19,441	19,966	21,999
Net output per person employed ...	£	633	769	578	—	717	741	630	227
Wages and salaries { of operatives ...	£'000	1,815	5,004	628	—	7,447	6,833	6,660	..
{ of other workers ...	..	271	745	65	—	1,081	1,035	982	..
Employers' share of all National Insurance contributions	..	51	137	19	—	207	198	161	..
Outworkers : average number employed ...	No.	—	—	—	—	—	—	—	..
Firms employing on average 10 or fewer : number of returns	..	—	—	—	..	—(d)	—	—	..
All firms (including those not making satisfactory returns) :	..	5,061	13,494	1,983	..	20,538(d)	19,441	19,966	..
estimated average employment ...	..	..	..	..	..	..	..	..	..

(For notes see page 3/12)

Table I—E Tinplate Trade

	Unit	1950					1949	1948	1935
		England	Wales	Scotland	Northern Ireland	United Kingdom	United Kingdom	Great Britain	United Kingdom
Establishments employing on average more than 10 persons ...	No.	5	37	—	—	42	42(b)	41	67(b)
Total value of sales ...	£'000	2,874	39,129	—	—	42,003	38,197	33,769	...
Total amount charged to customers for work done ...	"	3	35	—	—	39	38,197	155	...
Stocks of finished goods produced { at beginning of year ...	"	183	2,164	—	—	2,346	1,925	1,640	...
for sale and work in progress { at end of year... ..	"	210	2,184	—	—	2,394	2,338	1,887	...
Payment for transport by other firms ...	"	51	281	—	—	332	286	190	...
Gross output (production) ...	"	2,854	38,903	—	—	41,757	38,324	33,981	13,787
Purchases of materials and fuel ...	"	2,168	27,858	—	—	30,026	27,509	24,178	...
Stocks of mater- { at beginning of year ...	"	206	2,564	—	—	2,769	2,680	2,269	...
ials and fuel { at end of year ...	"	244	2,628	—	—	2,871	2,780	2,647	...
Cost of materials and fuel used ...	"	2,130	27,794	—	—	29,924	27,408	23,800	8,910
Payment for work done on materials given out ...	"	3	13	—	—	16	16	26	2
Net output ...	£	720	11,097	—	—	11,817	10,900	10,155	4,875
Average number { operatives ...	No.	1,030	14,386	—	—	15,416	15,559	15,243	21,034
employed { other workers ...	"	104	1,247	—	—	1,351	1,335	1,294	811
Working proprietors ...	"	—	—	—	—	—	—	—	—
Total employment including working proprietors... ..	"	1,134	15,633	—	—	16,767	16,894	16,537	21,845
Net output per person employed ...	£	635	710	—	—	705	645	614	223
Wages and salaries { of operatives ...	£'000	389	5,441	—	—	5,830	5,621	5,244	...
{ of other workers ...	"	65	627	—	—	692	633	574	...
Employers' share of all National Insurance contributions	"	11	157	—	—	169	179	133	...
Outworkers : average number employed ...	No.	—	—	—	—	—	—	—	...
Firms employing on average 10 or fewer : number of returns	"	—	—	—	—	—(d)	—	—	...
All firms (including those not making satisfactory returns): estimated average employment ...	"	1,134	15,633	—	—	16,767(d)	16,894	16,537	...

Table I—F Wrought Iron and Steel Tubes Trade

	No.	137(k)	(k)	(k)	—	137	135(b)	128	91(b)
Establishments employing on average more than 10 persons ...	No.	137(k)	(k)	(k)	—	137	135(b)	128	91(b)
Total value of sales ...	£'000	84,439	...	...	...	84,439	71,810	56,712	...
Total amount charged to customers for work done ...	"	1,585	...	...	...	1,585	71,810	2,261	...
Stocks of finished goods produced { at beginning of year ...	"	6,639	...	...	...	6,639	5,098	4,606	...
for sale and work in progress { at end of year... ..	"	7,523	...	...	...	7,523	6,473	5,275	...
Payment for transport by other firms ...	"	1,951	...	...	...	1,951	1,717	1,391	...
Gross output (production) ...	"	84,957	...	...	...	84,957	71,469	58,252	16,318
Purchases of materials and fuel ...	"	56,224	...	...	...	56,224	46,417	36,564	...
Stocks of mater- { at beginning of year ...	"	7,009	...	...	...	7,009	6,397	5,184	...
ials and fuel { at end of year ...	"	8,366	...	...	...	8,366	6,899	6,215	...
Cost of materials and fuel used ...	"	54,867	...	...	...	54,867	45,916	35,532	9,467
Payment for work done on materials given out ...	"	730	...	...	...	730	612	448	92
Net output ...	£	29,360	...	...	...	29,360	24,941	22,271	6,759
Average number { operatives ...	No.	33,910	...	...	...	33,910	32,808	30,999	23,949
employed (g) { other workers ...	"	7,706	...	...	...	7,706	7,350	6,769	3,696
Working proprietors ...	"	5	...	...	...	5	11	7	...
Total employment including working proprietors (g) ...	"	41,621	...	...	...	41,621	40,169	37,775	27,645
Net output per person employed (g) ...	£	705	...	...	...	705	621	590	244
Wages and salaries (g) { of operatives ...	£'000	12,607	...	...	...	12,607	11,330	10,047	...
{ of other workers ...	"	3,402	...	...	...	3,402	3,155	2,743	...
Employers' share of all National Insurance contributions	"	419	...	...	...	419	395	287	...
Outworkers : average number employed ...	No.	4	...	...	...	4	1	14	...
Payments to outworkers ...	£'000	—	...	...	...	—	—	1	...
Firms employing on average 10 or fewer : number of returns	No.	20	2	—	...	22(d)	26	28	...
Average number employed (including working proprietors)	"	131	9	—	...	140	158	176	...
All firms (including those not making satisfactory returns): estimated average employment ...	"	41,794(k)	(k)	(k)	...	41,794(d)	40,352	37,996	...

(For notes see page 3/12)

Table I—G Non-Ferrous Metals (Smelting, Rolling, etc.) Trade

	Unit	1950					1949	1948	1935
		England	Wales	Scotland	Northern Ireland	United Kingdom	United Kingdom	Great Britain	United Kingdom
Establishments employing on average more than 10 persons ...	No.	429(h)	19	33	(h)(i)	481	474	475	373
Total value of sales ...	£'000	267,902	29,947	15,998	..	313,847	243,902	243,338	...
Total amount charged to customers for work done ...	"	18,216	2,565	1,360	..	22,142	24,234	22,133	...
Stocks of finished goods produced { at beginning of year ...	"	26,087	4,034	1,828	..	31,949	22,710	25,350	...
for sale and work in progress { at end of year... ..	"	1,728	211	217	..	2,155	1,900	1,616	...
Payment for transport by other firms ...	"	274,045	31,204	16,250	..	321,499	240,478	246,821	51,662
Gross output (production) ...	"	212,515	23,242	12,299	..	248,055	173,581	177,729	...
Purchases of materials and fuel ...	"	16,097	3,708	1,063	..	20,868	19,772	17,938	...
Stocks of mater- { at beginning of year ...	"	24,119	4,076	1,197	..	29,392	20,425	19,694	...
ials and fuel { at end of year ...	"	204,493	22,874	12,165	..	239,531	172,927	175,973	35,848
Cost of materials and fuel used ...	"	826	33	4	..	863	897	1,003	229
Payment for work done on materials given out ...	"	68,726	8,298	4,081	..	81,105	66,654	69,844	15,585
Net output ...	£	68,726	8,298	4,081	..	81,105	66,654	69,844	15,585
Average number { operatives ...	No.	83,319	9,107	5,096	..	83,319	81,178	86,430	43,122
employed (g) { other workers ...	"	16,236	2,226	1,100	..	19,562	18,710	17,915	6,449
Working proprietors ...	"	49	6	6	..	55	55	50	...
Total employment including working proprietors (g) ...	"	85,401	11,333	6,202	..	102,936	99,943	104,395	49,571
Net output per person employed (g) ...	£	805	732	658	..	788	667	669	314
Wages and salaries (g) { of operatives ...	£'000	25,607	3,440	1,878	..	30,925	28,872	29,848	...
{ of other workers ...	"	8,142	1,110	538	..	9,790	9,254	8,346	...
Employers' share of all National Insurance contributions	"	863	113	62	..	1,039	1,021	854	...
Outworkers : average number employed ...	No.	79	—	—	..	79	62	29	...
Payments to outworkers ...	£'000	6	—	—	..	6	5	2	...
Firms employing on average 10 or fewer : number of returns	No.	308	8	23	..	339(d)	390	387	...
Average number employed (including working proprietors)	"	1,930	49	175	..	2,154	2,042	2,299	...
All firms (including those not making satisfactory returns): estimated average employment ...	"	87,611(h)	11,400	6,430	..	105,441(d)	102,745	106,932	...

Table I—I Motor Vehicles and Cycles (Manufacturing) Trade

	No.	1,059	26	34	(l)	1,119(l)	1,112(l)	1,024	822(m)
Establishments employing on average more than 10 persons ...	No.	1,059	26	34	(l)	1,119(l)	1,112(l)	1,024	822(m)
Total value of sales ...	£'000	638,951	9,809	6,001	..	654,760	551,716	451,279	...
Total amount charged to customers for work done ...	"	9,800	409	329	..	10,538	61,823	9,789	...
Stocks of finished goods produced { at beginning of year ...	"	60,417	935	1,945	..	63,297	63,138	48,006	...
for sale and work in progress { at end of year... ..	"	66,086	977	2,136	..	69,199	63,138	57,442	...
Payment for transport by other firms ...	"	1,822	43	48	..	1,912	1,651	1,152	...
Gross output (production) ...	"	652,598	10,216	6,473	..	669,287	551,380	469,352	129,503
Purchases of materials and fuel ...	"	417,965	6,504	3,661	..	428,130	348,827	292,132	...
Stocks of mater- { at beginning of year ...	"	42,756	858	477	..	44,091	49,125	44,696	...
ials and fuel { at end of year ...	"	44,698	1,122	485	..	46,305	45,436	51,584	...
Cost of materials and fuel used ...	"	416,022	6,240	3,654	..	425,916	352,516	285,243	77,499
Payment for work done on materials given out ...	"	11,516	101	39	..	11,657	5,477	5,411	449
Net output ...	£	225,060	3,875	2,780	..	231,715	193,386	178,698	51,555
Average number { operatives ...	No.	285,930	6,533	4,526	..	296,989	280,415	265,092	179,302
employed (g) { other workers ...	"	55,129	869	1,058	..	57,056	54,535	50,922	27,323
Working proprietors ...	"	99	5	11	..	115	153	136	...
Total employment including working proprietors (g) ...	"	341,158	7,407	5,595	..	354,160	335,103	316,150	206,625
Net output per person employed (g) ...	£	660	523	497	..	654	577	565	250
Wages and salaries (g) { of operatives ...	£'000	115,142	1,953	1,436	..	118,532	106,226	93,714	...
{ of other workers ...	"	26,129	351	402	..	26,882	24,512	22,221	...
Employers' share of all National Insurance contributions	"	3,383	74	56	..	3,513	3,547	2,403	...
Outworkers : average number employed ...	No.	110	—	—	..	110	96	102	...
Payments to outworkers ...	£'000	9	—	—	..	9	8	10	...
Firms employing on average 10 or fewer : number of returns	No.	541	36	47	..	624(d)	796(l)	715	...
Average number employed (including working proprietors)	"	3,028	181	223	..	3,432	4,249	3,999	...
All firms (including those not making satisfactory returns): estimated average employment ...	"	345,044	7,623	5,920	..	358,587(l)	340,065(l)	321,884	...

(For notes see page 3/12)

Table 1—J Motor Vehicles and Cycles (Repairing) Trade

	Unit	1950					1949	1948	1935
		England	Wales	Scotland	Northern Ireland	United Kingdom	United Kingdom	Great Britain	United Kingdom
Establishments employing on average more than 10 persons ...	No.	1,044(h)	71	127	(h)(i)(n)	1,242(n)	1,201(n)	1,304	1,812
Total value of sales and work done ...	£'000	44,961	2,352	5,727	..	53,039	51,565(o)	51,908(o)	..
Stocks of finished goods produced { at beginning of year ...	..	430	6	41	..	477	..	..	..
for sale and work in progress { at end of year ...	..	386	6	38	..	429	..	..	..
Payment for transport by other firms ...	..	24	2	1	..	27	52	36	..
Gross output (production) ...	..	44,893	2,349	5,722	..	52,965	51,514	51,872	17,704
Purchases of materials and fuel ...	..	17,640	958	2,240	..	20,838	19,378	20,051	..
Stocks of mater- f at beginning of year ...	..	8,089	650	1,059	..	9,798	8,039	7,202	..
ials and fuel(p) { at end of year ...	..	8,203	660	1,153	..	10,016	7,664	8,200	..
Cost of materials and fuel used ...	..	17,526	947	2,146	..	20,620	19,753	19,054	6,784
Payment for work done on materials given out ...	..	1,220	63	119	..	1,402	1,387	2,481	256
Net output ...	..	26,147	1,339	3,457	..	30,943	30,374	30,337	10,664
Average number { operatives ...	No.	52,025	2,686	6,426	..	61,137	63,750	63,703	56,959
employed { other workers ...	..	7,142	359	847	..	8,348	8,157	7,915	9,358
Working proprietors ...	..	111	2	25	..	138	175	148	..
Total employment including working proprietors ...	..	59,278	3,047	7,298	..	69,623	72,082	71,766	66,317
Net output per person employed ...	£	441	439	474	..	444	421	423	161
Wages and salaries { of operatives ...	£'000	16,746	837	1,946	..	19,529	19,710	18,993	..
{ of other workers ...	..	2,934	132	290	..	3,356	3,143	2,978	..
Employers' share of all National Insurance contributions...	..	611	32	75	..	718	724	603	..
Outworkers: average number employed ...	No.	—	—	—	..	—	—	—	..
Firms employing on average 10 or fewer: number of returns	..	1,370	62	124	..	1,556(d)	1,547	1,826	..
Average number employed (including working proprietors)	..	7,555	282	664	..	8,501	7,895	9,786	..
All firms (including those not making satisfactory returns): estimated average employment	..	67,905(h)	3,379	8,016	..	79,300	80,984(n)	82,377	..

Table 1—K Aircraft Manufacture and Repair Trade

	No.	183(h)	5	7	(h)(i)	195	184	195	57(b)
Establishments employing on average more than 10 persons ...	No.	183(h)	5	7	(h)(i)	195	184	195	57(b)
Total value of sales ...	£'000	135,869	2,092	4,854	..	142,815	141,687	71,650	..
Total amount charged to customers for work done ...	..	61,245	1,579	977	..	63,801	64,710	39,633	..
Stocks of finished goods produced { at beginning of year ...	..	69,130	1,864	1,239	..	72,233	63,809	62,252	..
for sale and work in progress { at end of year ...	..	185	6	..	..	192	346	154	..
Payment for transport by other firms ...	..	143,568	2,371	5,116	..	151,055	140,440	113,826	14,328
Gross output (production) ...	..	130	..	..	..	130	280	2,676	..
Receipts from Government Departments ...	..	..	..	..	..	..	..	..	..
Purchases of materials and fuel ...	..	53,252	827	2,341	..	56,419	52,417	43,356	..
Stocks of mater- f at beginning of year ...	..	11,723	131	136	..	11,990	11,730	10,713	..
ials and fuel { at end of year ...	..	11,704	197	164	..	12,065	11,911	11,607	..
Cost of materials and fuel used ...	..	53,271	760	2,313	..	56,344	52,236	42,462	5,391
Payment for work done on materials given out ...	..	14,830	3	9	..	14,842	11,002	6,331	270
Net output ...	..	75,597	1,608	2,794	..	79,999	77,482	67,709	8,667
Average number { operatives ...	No.	90,364	2,033	5,881	..	98,278	100,528	93,912	29,953
employed { other workers ...	..	42,405	506	1,423	..	44,334	42,637	40,131	5,937
Working proprietors ...	..	5	..	..	..	5	7	3	..
Total employment including working proprietors (g) ...	..	132,774	2,539	7,304	..	142,617	143,172	134,046	35,890
Net output per person employed (g) ...	£	569	633	383	..	561	541	505	241
Wages and salaries { of operatives ...	£'000	34,638	745	2,096	..	37,479	37,655	32,936	..
{ of other workers ...	..	18,487	192	557	..	19,236	18,109	16,539	..
Employers' share of all National Insurance contributions ...	..	1,330	26	71	..	1,427	1,448	1,054	..
Outworkers: average number employed ...	No.	—	—	—	..	—	29	9	..
Payments to outworkers ...	£'000	—	—	—	..	—	8	—	..
Firms employing on average 10 or fewer: number of returns	No.	8(q)	..	(q)	..	8(d)	42	24	..
Average number employed (including working proprietors)	..	48	..	..	..	48	244	149	..
All firms (including those not making satisfactory returns): estimated average employment	..	140,159(r)	2,539	(r)	..	142,698(d)	143,461	134,294	..

(For notes see page 3/12)

Table 1—L Railway Locomotive Shops and Locomotive Manufacturing Trade

(1) Railway Locomotive Shops

	Unit	1950					1949	1948	1935
		England	Wales	Scotland	Northern Ireland	United Kingdom	United Kingdom	Great Britain	United Kingdom
Establishments employing on average more than 10 persons ...	No.	252(h)	36	52	(h)(i)	340	375	355	(s)
Total value of sales (t) ...	£'000	33,899	1,208	4,076	..	39,182	38,582	8,768	..
Total amount charged to customers for work done ...	..	3,197	11	218	..	3,425	3,342	3,281	..
Stocks of finished goods produced { at beginning of year ...	..	3,203	14	194	..	3,411	3,423	3,342	..
for sale and work in progress { at end of year ...	..	—	—	—	..	—	—	—	..
Payment for transport by other firms ...	..	—	—	—	..	—	—	—	..
Gross output (production) (t) ...	..	33,905	1,211	4,052	..	39,168	38,663	38,239	13,000
Purchases of materials and fuel ...	..	13,081	332	1,471	..	14,884	13,420	15,065	..
Stocks of mater- f at beginning of year ...	..	9,272	80	1,497	..	10,850	10,955	8,536	..
ials and fuel { at end of year ...	..	8,978	84	1,470	..	10,533	10,849	10,955	..
Cost of materials and fuel used ...	..	13,375	328	1,498	..	15,201	13,526	12,645	4,500
Payment for work done on materials given out ...	..	11	—	—	..	11	43	94	..
Net output ...	..	20,519	883	2,554	..	23,956	25,094	25,500	8,500
Average number { operatives ...	No.	48,220	2,055	7,172	..	57,447	58,086	59,753	..
employed { other workers ...	..	4,592	162	605	..	5,359	5,308	5,103	..
Working proprietors ...	..	—	—	—	..	—	—	—	..
Total employment including working proprietors ...	..	52,812	2,217	7,777	..	62,806	63,394	64,856	44,800
Net output per person employed ...	£	389	398	328	..	381	396	393	190
Wages and salaries { of operatives ...	£'000	17,329	750	2,633	..	20,712	20,720	21,166	..
{ of other workers ...	..	1,724	61	257	..	2,042	2,001	1,869	..
Employers' share of all National Insurance contributions ...	..	544	24	78	..	645	663	553	..
Outworkers: average number employed ...	No.	—	—	—	..	—	—	—	..
Firms employing on average 10 or fewer: number of returns	..	—	—	—	..	—(d)	—	—	..
All firms (including those not making satisfactory returns): estimated average employment	..	52,812(h)	2,217	7,777	..	62,806(d)	63,394	64,856	..

(2) Other Locomotive Manufacture

	No.	37(q)	—	(q)	—	37	36(b)	39	26(b)
Establishments employing on average more than 10 persons ...	No.	37(q)	—	(q)	—	37	36(b)	39	26(b)
Total value of sales ...	£'000	23,142	..	..	..	23,142	21,741	20,133	..
Total amount charged to customers for work done ...	..	353	..	..	..	353	353	1,465	..
Stocks of finished goods produced { at beginning of year ...	..	8,806	..	..	..	8,806	7,905	8,372	..
for sale and work in progress { at end of year ...	..	8,880	..	..	..	8,880	8,813	9,756	..
Payment for transport by other firms ...	..	201	..	..	..	201	175	158	..
Gross output (production) ...	..	23,367	..	..	..	23,367	22,473	22,823	4,878
Purchases of materials and fuel ...	..	11,399	..	..	..	11,399	11,053	11,252	..
Stocks of mater- f at beginning of year ...	..	2,589	..	..	..	2,589	2,380	2,056	..
ials and fuel { at end of year ...	..	2,392	..	..	..	2,392	2,605	2,456	..
Cost of materials and fuel used ...	..	11,597	..	..	..	11,597	10,828	10,852	2,347
Payment for work done on materials given out ...	..	519	..	..	..	519	324	616	4
Net output ...	..	11,252	..	..	..	11,252	11,322	11,355	2,527
Average number { operatives ...	No.	17,110	..	..	..	17,110	17,096	18,959	11,847
employed { other workers ...	..	4,262	..	..	..	4,262	3,936	4,137	2,084
Working proprietors ...	..	—	..	..	..	—	1	4	..
Total employment including working proprietors ...	..	21,372	..	..	..	21,372	21,033	23,100	13,931
Net output per person employed ...	£	526	..	..	..	526	538	492	181
Wages and salaries { of operatives ...	£'000	5,797	..	..	..	5,797	5,689	5,909	..
{ of other workers ...	..	1,859	..	..	..	1,859	1,743	1,702	..
Employers' share of all National Insurance contributions ...	..	217	..	..	..	217	217	185	..
Outworkers: average number employed ...	No.	—	..	..	..	—	—	—	..
Firms employing on average 10 or fewer: number of returns	..	4	..	..	..	4(d)	3	2	..
Average number employed (including working proprietors)...	..	28	..	..	..	28	13	13	..
All firms (including those not making satisfactory returns): estimated average employment	..	21,400(q)	..	(q)	..	21,400(d)	21,046	23,113	..

(For notes see page 3/12)

Table I—M Railway Carriages and Wagons and Trams Trade
(1) Railway Establishments

	Unit	1950					1949	1948	1935
		England	Wales	Scotland	Northern Ireland	United Kingdom	United Kingdom	Great Britain	United Kingdom
Establishments employing on average more than 10 persons ...	No.	286	24	89	(l)	399(l)	398(l)	404	(s)
Total value of sales (t) ...	£'000	10,993	94	71	..	11,159	14,485	..	..
Total amount charged to customers for work done (t) ...	..	31,444	592	4,524	..	36,559	45,596	27,927	..
Stocks of finished goods produced { at beginning of year (u) for sale and work in progress { at end of year (u) ...	..	2,869	..	90	..	2,960	2,715	2,329	..
Payment for transport by other firms ...	..	2,558	..	69	..	2,628	2,962	2,715	..
Gross output (production) (t) ...	..	42,126	686	4,574	..	47,385	45,843	42,799	15,700
Purchases of materials and fuel ...	..	21,925	241	1,154	..	23,321	23,224	23,653	..
Stocks of mater- { at beginning of year ...	..	13,150	10	1,490	..	14,650	14,598	11,355	..
ials and fuel { at end of year ...	..	12,142	10	1,043	..	13,196	14,730	14,598	..
Cost of materials and fuel used ...	..	22,933	241	1,601	..	24,775	23,091	20,410	5,400
Payment for work done on materials given out ...	..	32	..	..	..	32	62	85	..
Net output ...	..	19,161	445	2,973	..	22,579	22,689	22,303	10,300
Average number { operatives ...	No.	43,440	1,051	5,817	..	50,308	50,453	49,906	..
employed (g) { other workers ...	..	4,211	93	399	..	4,703	4,687	4,642	..
Working proprietors ...	..	..	..	..	..	..	..	..	..
Total employment including working proprietors ...	..	47,651	1,144	6,216	..	55,011	55,140	54,548	54,500
Net output per person employed ...	£	402	389	478	..	410	411	409	190
Wages and salaries { of operatives ...	£'000	15,545	357	2,221	..	18,122	17,541	17,021	..
of other workers ...	..	1,618	39	161	..	1,819	1,813	1,734	..
Employers' share of all National Insurance contributions ...	..	490	12	65	..	567	570	470	..
Outworkers : average number employed ...	No.	..	..	..	..	..	..	..	..
Firms employing on average 10 or fewer : number of returns ...	..	..	..	..	..	(d)	(l)	..	..
All firms (including those not making satisfactory returns) : estimated average employment ...	..	47,651	1,144	6,216	..	55,011(l)	55,140(l)	54,548	..

(2) Other Establishments

Establishments employing on average more than 10 persons ...	No.	244	90	29	..	363	347(b)	350	145(b)
Total value of sales ...	£'000	27,863	1,307	4,137	..	33,307	42,246	27,838	..
Total amount charged to customers for work done ...	..	7,217	2,878	1,393	..	11,489	..	10,865	..
Stocks of finished goods produced { at beginning of year ...	..	6,454	171	1,805	..	8,429	9,047	7,049	..
for sale and work in progress { at end of year ...	..	7,131	206	1,626	..	8,963	8,359	9,064	..
Payment for transport by other firms ...	..	251	14	32	..	297	287	250	..
Gross output (production) ...	..	35,506	4,207	5,320	..	45,033	41,271	40,469	8,660
Purchases of materials and fuel ...	..	19,626	2,251	3,000	..	24,877	22,169	23,031	..
Stocks of mater- { at beginning of year ...	..	3,831	608	1,095	..	5,533	5,051	4,533	..
ials and fuel { at end of year ...	..	3,653	641	1,209	..	5,503	4,703	4,984	..
Cost of materials and fuel used ...	..	19,804	2,218	2,886	..	24,907	22,516	22,580	4,786
Payment for work done on materials given out ...	..	280	1	192	..	472	106	145	47
Net output ...	..	15,423	1,988	2,242	..	19,653	18,649	17,744	3,827
Average number { operatives ...	No.	22,814	2,814	3,834	..	29,462	30,319	31,050	18,879
employed (g) { other workers ...	..	3,262	433	544	..	4,239	4,288	4,201	2,197
Working proprietors ...	..	3	3	1	..	7	11	13	..
Total employment including working proprietors (g) ...	..	26,079	3,250	4,379	..	33,708	34,618	35,264	21,076
Net output per person employed (g) ...	£	591	612	512	..	583	539	503	182
Wages and salaries { of operatives ...	£'000	8,421	980	1,319	..	10,719	10,524	10,207	..
of other workers ...	..	1,398	170	235	..	1,803	1,764	1,852	..
Employers' share of all National Insurance contributions ...	..	263	32	46	..	342	349	294	..
Outworkers : average number employed ...	No.	1	..	..	..	1	4	4	..
Payments to outworkers ...	£'000	..	..	..	..	..	..	..	..
Firms employing on average 10 or fewer : number of returns ...	No.	23	4	10	..	37(d)	36	25	..
Average number employed (including working proprietors) ...	..	124	20	47	..	191	196	136	..
All firms (including those not making satisfactory returns) : estimated average employment ...	..	26,219	3,270	4,431	..	33,920(d)	34,814	35,575	..

(For notes see page 3/12)

Table I—N Carts, Perambulators, etc. Trade

	Unit	1950					1949	1948	1935
		England	Wales	Scotland	Northern Ireland	United Kingdom	United Kingdom	Great Britain	United Kingdom
Establishments employing on average more than 10 persons ...	No.	92(h)	5	7	(h)(i)	104	107	100	121
Total value of sales ...	£'000	6,622	90	271	..	6,983	7,276	6,961	..
Total amount charged to customers for work done ...	..	341	4	6	..	352	345	312	..
Stocks of finished goods produced { at beginning of year ...	..	334	4	7	..	346	341	366	..
for sale and work in progress { at end of year ...	..	97	1	7	..	104	100	96	..
Payment for transport by other firms ...	..	6,519	89	265	..	6,873	7,172	7,215	2,261
Gross output (production) ...	..	3,604	49	167	..	3,820	3,756	3,953	..
Purchases of materials and fuel ...	..	841	8	20	..	868	979	847	..
Stocks of mater- { at beginning of year ...	..	822	8	21	..	851	870	949	..
ials and fuel { at end of year ...	..	3,623	48	165	..	3,837	3,865	3,851	1,163
Cost of materials and fuel used ...	..	65	1	2	..	68	94	106	8
Payment for work done on materials given out ...	..	2,831	40	97	..	2,967	3,213	3,258	1,090
Net output ...	No.	5,350	73	220	..	5,643	6,295	6,289	5,444
Average number { operatives ...	..	927	19	32	..	978	1,002	965	709
employed (g) { other workers ...	..	29	1	6	..	36	40	32	..
Working proprietors ...	..	6,306	93	258	..	6,657	7,337	7,286	6,153
Total employment including working proprietors (g) ...	..	449	427	376	..	446	438	447	177
Net output per person employed (g) ...	£	1,439	20	57	..	1,516	1,591	1,521	..
Wages and salaries { of operatives ...	£'000	449	6	12	..	468	453	385	..
of other workers ...	..	59	1	2	..	63	68	54	..
Employers' share of all National Insurance contributions ...	..	82	..	2	..	84	80	27	..
Outworkers : average number employed ...	No.	4	..	..	..	4	4	1	..
Payments to outworkers ...	£'000	..	..	..	..	..	..	..	..
Firms employing on average 10 or fewer : number of returns ...	No.	779	60	59	..	898(d)	1,104	1,039	..
Average number employed (including working proprietors) ...	..	2,450	200	288	..	2,938	3,444	3,162	..
All firms (including those not making satisfactory returns) : estimated average employment ...	..	9,107(h)	333	575	..	10,015(d)	11,240	11,025	..

(For notes see page 3/12)

Employment

Table 2 Larger establishments: Numbers employed in the week ended September 30, 1950

		A	B	C	D	E	F	G	I	J	K	L (1)	L (2)	M (1)	M (2)	N
		Blast Furnaces	Iron and Steel (Melting and Rolling)	Iron Foundries	Steel Sheets	Timplate	Wrought Iron and Steel Tubes	Non-Ferrous Metals (Smelting, Rolling, etc.)	Motor Vehicles and Cycles (Manufacturing)	Motor Vehicles and Cycles (Repairing)	Aircraft Manufacture and Repair	Railway Locomotive Shops	Other Locomotive Manufacture	Railway Establishments	Other Establishments	Carts, Perambulators, etc.
England and Wales																
Operatives	Under 18 Males	365	5,663	3,633	977	915	(b)	(a)	1,422	10,214	2,880	(a)	(b)(d)	1,647	1,843	(a)
	Females	—	188	545	5	225	..	497	2,068	11	253	52	..	127	55	323
	All ages Males	22,336	143,825	83,740	16,123	13,642	..	67,560	258,233	53,957	84,608	49,801	..	43,524	25,055	3,435
	Females	165	6,110	8,217	377	1,888	..	11,823	40,317	817	7,878	366	..	765	733	1,907
All ages Total	22,501	149,935	91,957	16,500	15,530	..	79,383	298,550	54,774	92,486	50,167	..	44,289	25,788	5,342	
Administrative, Technical and Clerical	Under 18 Males	133	1,070	362	81	36	..	419	1,210	120	574	100	..	101	133	18
	Females	150	1,521	712	76	33	..	915	2,941	244	1,246	219	..	126	187	57
	All ages Males	2,772	20,915	9,108	1,664	1,056	..	12,343	37,359	5,527	31,137	3,370	..	3,235	2,671	545
	Females	796	7,748	4,094	485	298	..	6,322	19,269	2,084	11,156	1,392	..	1,081	1,059	300
All ages Total	3,568	28,663	13,202	2,149	1,354	..	18,665	56,628	7,611	42,293	4,762	..	4,316	3,730	935	
Outworkers (e)	Males	—	6	4	—	—	..	—	13	—	—	—	..	—	—	3
	Females	—	—	25	—	—	..	79	97	—	—	—	..	—	1	79
Scotland																
Operatives	Under 18 Males	24	1,153	844	113	—	(b)	82	284	517	91	323	(b)	124	278	31
	Females	—	11	104	—	—	..	13	11	2	2	..	..	4	7	142
	All ages Males	1,639	21,328	14,609	1,766	—	..	4,603	4,312	6,399	5,095	7,192	..	5,732	4,108	142
	Females	11	237	1,084	12	—	..	562	160	79	725	21	..	37	54	57
All ages Total	1,650	21,565	15,693	1,778	—	..	5,165	4,472	6,478	5,820	7,213	..	5,769	4,162	199	
Administrative, Technical and Clerical	Under 18 Males	12	163	113	21	—	..	10	29	7	26	3	..	1	25	—
	Females	7	144	186	15	—	..	56	53	50	56	23	..	26	21	3
	All ages Males	152	2,434	1,717	169	—	..	709	601	516	961	451	..	270	432	14
	Females	30	722	748	46	—	..	399	439	329	435	180	..	134	136	19
All ages Total	182	3,156	2,465	215	—	..	1,108	1,040	845	1,396	631	..	404	568	33	
Outworkers (e)	Males	—	—	—	—	—	..	—	—	—	—	—	..	—	—	2
	Females	—	—	—	—	—	..	—	—	—	—	—	..	—	—	—
Northern Ireland																
Operatives	Under 18 Males	—	—	—	—	—	..	..	..	..	..	..	..	..	..	..
	Females	—	—	—	—	—	..	..	..	..	..	..	..	..	..	..
	All ages Males	—	—	—	—	—	..	..	..	..	..	..	..	..	..	..
	Females	—	—	—	—	—	..	..	..	..	..	..	..	..	..	..
All ages Total	—	—	—	—	—	..	..	..	..	..	..	..	..	..	..
Administrative, Technical and Clerical	Under 18 Males	—	—	—	—	—	..	..	..	..	..	..	..	..	..	..
	Females	—	—	—	—	—	..	..	..	..	..	..	..	..	..	..
	All ages Males	—	—	—	—	—	..	..	..	..	..	..	..	..	..	..
	Females	—	—	—	—	—	..	..	..	..	..	..	..	..	..	..
All ages Total	—	—	—	—	—	..	..	..	..	..	..	..	..	..	..
Outworkers	Males	—	—	—	—	—	..	..	..	..	..	..	..	..	..	..
	Females	—	—	—	—	—	..	..	..	..	..	..	..	..	..	..
United Kingdom																
Operatives	Under 18 Males	389	6,816	4,477	1,090	915	990	1,504	10,498	3,397	3,106	2,650	1,037	1,771	2,121	614
	Females	—	199	649	5	225	172	510	2,079	13	255	52	21	127	59	330
	All ages Males	23,975	165,153	98,349	17,889	13,642	31,034	72,163	262,545	60,356	89,703	56,993	16,400	49,256	29,163	3,577
	Females	176	6,347	9,301	389	1,888	3,467	12,385	40,477	896	8,603	387	644	802	787	1,964
All ages Total	24,151	171,500	107,650	18,278	15,530	34,501	84,548	303,022	61,252	98,306	57,380	17,044	50,058	29,950	5,541	
Administrative, Technical and Clerical	Under 18 Males	145	1,233	475	102	36	241	429	1,239	127	600	103	123	102	158	18
	Females	157	1,665	898	91	33	422	971	2,994	294	1,302	242	199	152	208	60
	All ages Males	2,924	23,349	10,825	1,833	1,056	5,428	13,052	37,960	6,043	32,098	3,821	3,163	3,505	3,103	559
	Females	826	8,470	4,842	531	298	2,480	6,721	19,708	2,413	11,591	1,572	1,172	1,215	1,195	409
All ages Total	3,750	31,819	15,667	2,364	1,354	7,908	19,773	57,668	8,456	43,689	5,393	4,335	4,720	4,298	968	
Operatives and Administrative, Technical and Clerical	Total	27,901	203,319	123,317	20,642	16,884	42,409	104,321	360,690	69,708	141,995	62,773	21,379	54,778	34,248	6,509
	Outworkers (e)	Males	—	6	4	—	—	—	—	—	—	—	—	—	—	—
Excluded employees	Canteen Males	20	106	45	20	9	15	107	208	135	207	6	4	19	6	1
	Females	94	1,220	800	228	108	350	1,154	2,394	1,054	1,356	185	109	223	152	50
	Other (h) Males	33	262	415	154	2	472	324	924	281	2,455	281	24	2,117	168	36
	Females	68	202	146	15	—	189	198	1,168	37	154	57	29	326	33	15

(For notes see page 3/13)

Analysis of Sales

Table 3 (1) Larger establishments in Great Britain: Firms' own production and merchanted goods

		A	B	C	D	E	F	G	H	I	J	K	L (1)	L (2)	M (1)	M (2)	N
		Blast Furnaces	Iron and Steel (Melting and Rolling)	Iron Foundries	Steel Sheets	Timplate	Wrought Iron and Steel Tubes	Non-Ferrous Metals (Smelting, Rolling, etc.)	Scrap Metal (a)	Motor Vehicles and Cycles (Manufacturing)	Motor Vehicles and Cycles (Repairing) (b)	Aircraft Manufacture and Repair	Railway Locomotive Shops	Other Locomotive Manufacture	Railway Establishments	Other Establishments	Carts, Perambulators, etc.
(i) Values of sales (£'000)																	
(ii) Percentage of total sales																	
Transfers to other organizations under the same control																	
Productive works ...	(i)	74,431	107,338	15,005	(c)	(c)	(c)	25,671	(c)	37,933	..	6,898	4,997	(c)	10,249	277	(c)
	(ii)	64.9	22.3	10.6	..	..	..	8.0	..	5.5	..	6.1	7.4	..	90.9	0.8	..
Sales organizations abroad ...	(i)	—	1,639	36	(c)	(c)	(c)	..	..	28,106	..	(c)	(c)	..	(c)	(c)	..
	(ii)	..	0.3	..	..	..	..	..	..	4.1	..	..	..	..	..	..	..
Retail shops, etc. ...	(i)	—	—	39	(c)	(c)	(c)	..	..	655	..	..	..	..	..	..	178
	(ii)	..	..	..	..	..	..	..	..	0.1	..	..	..	..	..	..	2.6
Other selling organizations (including export sales organizations in the United Kingdom)	(i)	—	1,456	4,821	(c)	(c)	(c)	33,989	..	107,346	..	(c)	..	..	(c)	677	9.8
	(ii)	..	0.3	3.4	..	..	..	10.5	..	15.7	..	..	..	..	..	..	..
Total transfers to other organizations under the same control	(i)	74,431	110,433	19,902	10,048	(c)	(c)	61,971	(c)	174,039	..	8,103	4,997	343	10,249	989	939
	(ii)	64.9	23.0	14.1	15.1	..	..	19.2	..	25.4	..	7.2	7.4	1.4	90.9	2.9	13.7
Sales to independent buyers in the United Kingdom																	
Retailers (including caterers and N.A.A.F.I. for resale)	(i)	—	862	5,319	(c)	(c)	(c)	2,581	(c)	47,152	..	35	..	(c)	..	(c)	3,250
	(ii)	..	0.2	3.8	..	..	..	0.8	..	6.9	..	..	..	..	..	..	47.3
Direct to the public, including employees	(i)	29	5	260	(c)	(c)	(c)	200	(c)	4,599	..	94	1	(c)	18	(c)	65
	(ii)	..	..	0.2	..	..	..	0.1	..	0.7	..	0.1	..	..	0.2	..	0.9
Industrial, commercial, trade and institutional users	(i)	33,182	267,853	84,677	36,320	10,656	48,901	195,648	5,292	199,243	..	82,917	821	5,887	405	19,146	1,645
	(ii)	29.0	55.7	59.8	54.6	25.4	54.1	60.6	59.2	73.2	..	11.7	24.0	..	3.6	55.5	23.9
Wholesalers and merchants, whether for sale in this country or for export	(i)	5,240	28,952	20,957	12,248	5,507	7,289	33,457	3,376	134,323	..						

Notes to Tables

Table 1

(a) Owing to the risk of disclosure of information relating to individual firms, particulars for Wales cannot be given separately and have been included with those for England.

(b) No production was recorded in this trade in Northern Ireland.

(c) Special arrangements within the steel industry had the effect of reducing the cost of imported ore to the Blast Furnaces Trade in 1950 and 1949 below the cost as returned by the individual establishments, by means of a remission paid to the establishments out of a fund raised from a levy on the Iron and Steel (Melting and Rolling) Trade. If account were taken of this remission the amounts should be deducted from the total cost of materials, etc., shown in this report, and a corresponding addition made to the net output figures for those years. The remission amounted to £200,000 for the year ended March 31, 1951, and to £2,800,000 for the year ended March 31, 1950.

(d) Excluding particulars relating to any firms in Northern Ireland employing on average 10 persons or fewer; the corresponding particulars recorded for 1949 were as follows (particulars for Trades I and M (1) are not separately available and are included in those for Trade J):

Trade	A	B	C	D	E	F	G	I	J	K	L (1)	L (2)	M (1)	M (2)	N
Number of returns	—	—	3	—	—	—	3	..	10	—	—	1	..	—	30
Average number employed (including working proprietors)	—	—	19	—	—	—	23	..	53	—	—	4	..	—	88

(e) Excluding, in 1935, establishments mainly engaged in the production of all miscellaneous steel forgings. For 1935 these steel forgings were included in the Chain, Nail, Screw and Miscellaneous Forgings Trade (Volume 5, Trade C) but for later years steel forgings (other than steel drop forgings) are included in this trade.

(f) Special arrangements made within the steel industry had the effect of reducing the cost of certain materials, e.g., imported scrap, pig-iron, and iron ore, to individual establishments below the actual cost in 1950 and 1949. This was financed by a levy on the Iron and Steel (Melting and Rolling) Trade. To arrive at the full cost of materials to this trade as a whole the amounts would have to be added to the total cost of materials, etc., shown in this report and corresponding deductions made from the net output figures for those years. The amount involved for the year ended March 31, 1951 was £12,700,000 and for the year ended March 31, 1950, £20,500,000.

(g) Excluding outworkers.

(h) Owing to the risk of disclosure of information relating to individual firms, particulars for establishments in Northern Ireland employing on average more than 10 persons cannot be given separately and have been included with those for England.

(i) The proportion of the net output of the United Kingdom recorded in Northern Ireland was about 3 per cent. in Trade J, 2 per cent. in Trade K, 1 per cent. in Trade N and negligible in Trades C, G and L (1).

(j) The particulars shown for 1935 include establishments mainly engaged in manufacturing steel castings. In that year iron and steel foundries were classified together and, as the firms were not required to give separate details of all steel castings made, it has not been possible to reclassify their returns in accordance with the Standard Industrial Classification.

(k) Owing to the risk of disclosure of information relating to individual firms, particulars for Wales and Scotland cannot be given separately and have been included with those for England.

(l) Particulars for Northern Ireland are not separately available and have been included in the report on the Motor Vehicles and Cycles (Repairing) Trade—J.

(m) In 1935 all establishments engaged in the manufacture of motor vehicles and cycles were included in the manufacturing trade even though their main output consisted of repair work. Particulars of the returns for 1935 included in this trade that showed the major part of the output as repair work are as follows:

Number of establishments	139
Gross output	£1,920,000
Net output	£1,084,000
Average number of persons employed	6,204

(n) Particulars for Northern Ireland in the Motor Vehicles and Cycles (Manufacturing) Trade—I and the Railway Carriages and Wagons and Trams Trade—M(1) for 1950 and 1949 are not separately available and are included in this trade.

(o) Firms were asked to return their output on the basis of amount charged during the year and no separate information was collected about the value of stocks of finished goods and work in progress.

(p) Stocks of materials and fuel held by tramway, trolley bus and omnibus undertakings are included for 1950 and 1949 but excluded for 1948.

(q) Owing to the risk of disclosure of information relating to individual firms, particulars for Scotland cannot be given separately and have been included with those for England.

(r) Owing to the risk of disclosure of information relating to individual firms, particulars for Scotland and for larger establishments in Northern Ireland cannot be given separately and have been included with those for England.

(s) For 1935 railway companies were not required to furnish separate detailed returns on an establishment basis. The figures given in this column have been compiled from available data and correspond very roughly with those for 1948.

(t) Valued at cost, i.e. a sum calculated to cover the cost of labour and materials together with such a proportion of the general establishment charges as was properly attributable to the output concerned, but without any allowance for profit.

(u) Work in progress only; railway establishments' return of finished goods was nil.

Table 2

(a) Owing to the risk of disclosure of information relating to individual firms, particulars for Northern Ireland cannot be given separately and have been included with those for England and Wales.

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

(c) These figures include particulars for Northern Ireland of the Motor Vehicles and Cycles (Manufacturing) Trade—I and the Railway Carriages and Wagons and Trams Trade—M (1) for which separate information is not available.

(d) There were no larger establishments in Wales in the register for this trade.

(e) Average number employed during the year.

(f) Particulars for Northern Ireland are not separately available and have been included in the figures for the Motor Vehicles and Cycles (Repairing) Trade—J.

(g) Including the following numbers of persons of all ages employed in Government establishments in the United Kingdom:

	B	J	K
Operatives	2,252	5,619	2,942
{ Males	96	24	193
{ Females			
Administrative, technical and clerical	269	497	229
{ Males	120	171	78
{ Females			
Canteen workers	—	—	—
{ Males	2	9	—
{ Females			
Other excluded employees	—	46	—
{ Males	—	1	—
{ Females			

(h) Employees in Great Britain engaged, for example, in merchandising, and welfare employees in Northern Ireland.

Table 3

(a) These figures refer only to establishments which sold no merchanted goods nor undertook retailing during the year; see also Note on Overlap Trades below.

(b) No detailed analysis of the sales by larger establishments in this trade in Great Britain is available.

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

(d) The stocks of goods purchased for merchandising by establishments in Great Britain, held at the beginning and end of year respectively, were as follows: Trade B £430,000, £378,000; C £302,000, £328,000; D —, —; E —, —; F £484,000, £503,000; G £484,000, £713,000; I £7,136,000, £7,015,000; J £504,000, £530,000; K £174,000, £157,000; L (1) —, —; L (2) £48,000, £109,000; M (1) —, £23,000; M (2) £52,000, £39,000; N £4,000, £5,000. Owing to the risk of disclosure of information relating to individual firms these particulars cannot be given for Trade A.

(e) Particulars for Northern Ireland are not separately available and have been included in the report on the Motor Vehicles and Cycles (Repairing) Trade—J.

Note on Overlap Trades

In the Scrap Metal Trade—H, census of production returns were required, in Great Britain for 1950, only from establishments that sold no merchanted goods nor undertook retailing during the year; other establishments in this trade (i.e. which engaged in merchandising or retailing as well as production) made returns in the census of distribution. An analysis of sales by the establishments covered by the census of production is shown in Table 3, and the other information obtained in this trade is summarized below. Comparable information is not available for earlier years.

Establishments employing on average more than 10 persons: number ...	England	Wales	Scotland
	25(a)	6	13
Total employment including working proprietors			
Males	1,069	187	1,279
Females	154	2	51
Firms employing on average 10 or fewer: number of returns	31(b)	(b)	5
Average number employed including working proprietors	112	..	14
(a) Including 2 Government establishments; total employment: 95 males, 1 female.			
(b) Owing to the risk of disclosure of information relating to individual firms, particulars for Wales cannot be given separately and have been included with those for England.			

In Northern Ireland the census of production was taken for this trade in the normal way, with complete coverage for larger establishments, but owing to the risk of disclosure of information relating to individual firms the information obtained cannot be given.

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