

ENGINEERING, SHIPBUILDING AND VEHICLES TRADES

GENERAL REPORT

Table I A.—General summary

Trade	Number of establishments*	Gross output (selling value of goods made and value of work done)	Cost of materials used and amount paid for work given out	Net output (excess of col. (3) over col. (4))	Average number of persons employed	Net output per person employed
	No.	£'000	£'000	£'000	No.	£
Mechanical Engineering	1935 3,133 1930 3,361 1924 3,197	171,788 165,276 160,532	73,761 72,450 74,471	98,027 92,826 86,061	432,811 455,473 448,202	226 204 192
Electrical Engineering	1935 854 1930† 767 1924 722	106,853 87,674 69,117	49,509 42,841 36,080	57,344 44,833 33,037	247,948 191,970 150,884	231 234 219
Shipbuilding ...	1935 392 1930 460 1924 497	35,814 62,724 54,272	19,890 35,171 30,060	15,924 27,553 24,212	82,020 133,453 141,867	194 206 171
Motor and Cycle ...	1935 2,541 1930 2,669 1924 1,708	151,026 122,906 93,693	86,648 69,807 48,988	64,378 53,099 44,705	279,748 241,012 192,708	230 220 232
Aircraft ...	1935 52 1930 47 1924 20	13,919 8,688 4,554	5,467 3,111 1,475	8,452 5,577 3,079	35,032 21,322 11,735	241 262 262
Railway Carriage and Wagon Building	1935 138 1930 154 1924 101	9,757 10,735 16,235	5,650 6,339 10,933	4,107 4,396 5,302	20,651 23,339 29,495	199 188 180
Carriage, Cart and Wagon ...	1935 121 1930† 176 1924 313	2,261 2,349 3,752	1,171 1,223 1,742	1,090 1,126 2,010	6,153 6,760 10,687	177 167 188
Unclassified trades (Northern Ireland) ...	1930 11	39	19	20	159	126
TOTAL—UNITED KINGDOM	1935 7,231 1930 7,645 1924§ 6,558	491,418 460,391 402,155	242,096 230,961 203,749	249,322 229,430 198,406	1,104,363 1,073,488 985,578	226 214 201
England and Wales	1935 6,503 1930 5,446† 1924 5,606	442,693 395,189 344,327	216,027 195,796 172,007	226,666 199,393 172,320	988,757 924,675 836,224	229 216 206
Scotland ...	1935 631 1930 626† 1924 709	41,247 55,782 51,616	21,552 29,675 28,484	19,695 26,107 23,132	97,974 126,462 130,740	201 206 177
Northern Ireland ...	1935 97 1930 90† 1924§ 243	7,478 9,420 6,212	4,517 5,490 3,258	2,961 3,930 2,954	17,632 22,351 18,614	168 176 159

* Number of returns for 1924.

† Great Britain only.

‡ Number of returns.

§ Including all firms in Northern Ireland.

|| Owing to the possible disclosure of information relating to individual firms, particulars in respect of the Aircraft Trade for Scotland in 1935 and 1930 have been included with those for England and Wales: the effect of this allocation on the aggregates for the two countries is negligible.

Table I B.—Firms employing not more than ten persons on the average

Trade	Firms furnishing information				Total, including firms not furnishing returns	
	Number of returns received	Average number of persons employed			Number	Estimated number of persons employed
		Males	Females	Total		
Mechanical Engineering	1935 4,573 1930 4,963 1924 3,700	21,050 21,910 19,230	1,319 1,316 470	22,369 23,226 19,700	4,615 5,405 6,120	22,570 25,290 32,600
Electrical Engineering	1935 1,364 1930 1,221 1924 808	6,365 5,357 2,855	1,007 647 357	7,372 6,004 3,212	1,383 1,336 1,588	7,480 6,570 6,300
Shipbuilding	1935 515 1930 478 1924 398	2,479 2,318 1,688	76 71 52	2,555 2,389 1,740	520 540 473	2,580 2,700 2,070
Motor and Cycle ...	1935 14,372 1930* 13,953 1924 6,100	58,514 53,602 16,414	4,297 3,667 1,386	62,811 57,269 17,800	14,421 15,302 10,400	63,030 62,810 30,300
Aircraft ...	1935 15 1930 10 1924 —	69 56 —	7 15 —	76 71 —	15 10 —	76 71 —
Railway Carriage and Wagon Building ...	1935 52 1930 40 1924 18	238 179 99	8 8 3	246 187 102	53 47 38	250 220 200
Carriage, Cart and Wagon ...	1935 3,042 1930* 3,886 1924 2,888	9,330 11,345 8,855	211 179 71	9,541 11,524 8,926	3,067 4,166 4,638	9,620 12,350 14,300
Unclassified trades (Northern Ireland) ...	1930 386	1,138	70	1,208	386	1,208
TOTAL—UNITED KINGDOM	1935 23,933 1930 24,937 1924* 13,912	98,045 95,905 49,141	6,925 5,973 2,339	104,970 101,878 51,480	24,074 27,192 23,257	105,606 111,219 85,770
England and Wales	1935† 21,411	87,829	5,837	93,666	21,540	94,246
Scotland ...	1935† 1,908	8,153	917	9,070	1,920	9,126
Northern Ireland	1935† 614	2,063	171	2,234	614	2,234

* Great Britain only.

† Particulars for 1930 and 1924 are not available.

Table II.—Size of establishments in 1935

Size of establishment (average numbers employed)	Number of establish- ments	Gross output	Net output	Number of persons employed	Net output per person employed
	No.	£'000	£'000	No.	£
11-24 ...	2,670	14,061	8,376	44,129	190
25-49 ...	1,764	21,866	12,096	60,552	200
50-99 ...	1,056	28,248	15,182	73,799	206
100-199 ...	745	42,346	22,267	104,911	212
200-299 ...	291	28,960	15,648	70,692	221
300-399 ...	170	25,464	13,200	58,503	226
400-499 ...	97	20,027	9,946	43,633	228
500-749 ...	152	41,326	20,865	93,828	222
750-999 ...	86	29,424	15,670	74,301	211
1,000-1,499 ...	92	49,297	24,835	111,951	222
1,500 and over ...	108	190,399	91,237	368,064	248
TOTAL ...	7,231	491,418	249,322	1,104,363	226

In the above Table every manufacturing or processing establishment is counted as a separate unit and a single firm may thus be included several times. In Table III the firm is taken as the unit, all establishments owned by a single firm in trades included in the Engineering, Shipbuilding and Vehicles group being assembled together and counted once only. For this purpose a "firm" includes all businesses operated under the same trading name; companies that made returns under their own name are included as separate firms although they may form part of, or be associated with, larger combinations for purposes of trading.

Table III.—Size of firms, 1935

Size of firm (average number employed)	Number of firms	Gross output	Net output	Number of persons employed	Net output per person employed
	No.	£'000	£'000	No.	£
11-24 ...	1,910	10,696	6,252	33,048	189
25-49 ...	1,473	18,419	10,044	50,836	198
50-99 ...	924	24,756	13,395	64,418	208
100-199 ...	626	35,690	18,790	88,365	213
200-299 ...	268	26,375	14,350	64,846	221
300-399 ...	149	22,772	11,806	51,308	230
400-499 ...	98	19,546	9,996	44,047	227
500-749 ...	136	35,584	18,144	83,392	218
750-999 ...	68	23,213	12,899	58,602	220
1,000-1,499 ...	70	35,927	18,984	86,517	219
1,500-1,999 ...	38	27,578	14,956	63,813	234
2,000-2,499 ...	26	27,650	13,461	57,577	234
2,500-2,999 ...	8	9,490	4,800	22,094	217
3,000-3,999 ...	15	24,185	12,255	50,198	244
4,000-4,999 ...	15	32,444	15,431	68,567	225
5,000-7,499 ...	12	46,538	21,704	78,499	276
7,500-9,999 ...	4	24,265	8,503	33,223	256
10,000 and over ...	7	46,290	23,552	105,013	224
TOTAL ...	5,847	491,418	249,322	1,104,363	226

Table IV.—Particulars of output, etc., in each of the principal areas of the United Kingdom

Area*	Number of establish- ments†	Gross output	Net output	Number of persons employed	Net output per person employed	
	No.	£'000	£'000	No.	£	
<i>England and Wales</i>						
1. Greater London ...	1,957	127,833	67,456	274,845	245	
	1,494	93,513	49,398	208,561	237	
2. Lancashire, Cheshire and the Glossop and New Mills District of Derbyshire ...	997	66,202	35,789	163,720	219	
	903	73,362	38,358	180,331	213	
3. West Riding of Yorkshire ...	665	25,749	14,444	65,877	219	
	573	21,781	12,177	60,391	202	
4. Northumberland, Durham and North Riding of Yorkshire ...	258	20,245	9,871	50,531	195	
	261	34,178	14,351	78,226	183	
5. Warwickshire, Worcestershire and Stafford- shire ...	918	110,056	52,786	233,876	226	
	771	91,496	44,205	204,730	216	
6. East Midland Dis- trict ...	1935	372	20,934	12,124	52,133	233
7. West Midland Dis- trict ...	1935	145	8,126	4,291	19,447	221
8. South-Eastern Dis- trict (excluding Greater London)	1935	439	38,852	15,485	62,006	250
9. South-Western Dis- trict ...	1935	202	5,427	3,525	14,483	243
10. Eastern District	1935	336	14,839	8,415	39,894	211
11. Cumberland and Westmorland ...	1935	38	652	354	1,845	192
Total—6 to 11 ...	1,532	88,830	44,194	189,808	233	
	1,309	77,061	38,587	181,310	213	
12. South Wales (in- cluding Mon- mouthshire) ...	1935	154	3,526	1,983	9,372	212
	112	3,453	2,120	10,139	209	
13. The rest of Wales ...	1935	22	252	143	728	196
	1930	23	345	197	987	200
Total—England and Wales ...	6,503	442,693	226,666	988,757	229	
	5,446	395,189	199,393	924,675	216	
<i>Scotland</i>						
14. West Central District	1935	353	34,137	15,808	75,700	209
15. East Central District	1935	143	4,165	2,118	12,867	164
16. Southern Counties	1935	47	1,350	776	3,959	196
17. Northern Counties	1935	88	1,595	993	5,448	182
Total—Scotland ...	631	41,247	19,695	97,974	201	
	626	55,782	26,107	126,462	206	
TOTAL—Great Britain	7,134	483,940	246,361	1,086,731	227	
	6,072	450,971	225,500	1,051,137	215	
18. Northern Ireland	1935	97	7,478	2,961	17,632	168
	1930	90	9,420	3,930	22,351	176
TOTAL—UNITED KINGDOM ...	7,231	491,418	249,322	1,104,363	226	
	6,162	460,391	229,430	1,073,488	214	

* For particulars see page xviii.

† Number of returns for 1930.

‡ See footnote (ii) to Table I A, page 212.

PRODUCTION

Table V.—Estimated value of the gross output in 1935, free from duplication

Trade	Gross output		Net output
	Value as returned	Estimated value free from duplication	
	£'000	£'000	£'000
Mechanical Engineering	171,788	162,000-164,000	98,027
Electrical Engineering	106,853	100,000-102,000	57,344
Shipbuilding	35,814	35,750	15,924
Motor and Cycle	151,026	100,500-102,500	64,378
Aircraft	13,919	13,000-13,250	8,452
Railway Carriage and Wagon Building ...	9,757	9,600-9,700	4,107
Carriage, Cart and Wagon	2,261	2,075	1,090

Table VI.—Volume of Production, 1924-1935

Kind of output	Production index (1935 = 100)			
	1924	1930	1933	1934
Machinery (other than electrical) and mechanical plant and appliances	89	92	71*	86*
Electrical machinery and apparatus	55	67	70*	86
Ships and boats	171	163	—	—
Motor vehicles and cycles	42	61	—	83*
Aircraft	23	65	51	60
Railway carriages and wagons	140	97	40*	65*
Non-mechanical vehicles	135†	118†	—	—

* Owing to the exclusion of certain firms from the Inquiries of 1933 and 1934, for particulars of which see the reports on these trades, the 1935 base figure has been adjusted in calculating these indices.

† See footnote (†) to Table V, page 431.

CONSUMPTION OF FUEL AND ELECTRICITY

Table VII.—Consumption of coal and coke for all purposes

Trade	Coal		Coke	
	1935	1930	1935	1930
	Th. tons	Th. tons	Th. tons	Th. tons
Mechanical Engineering	720.1	818.2	417.7	391.9
Electrical Engineering	391.3	317.4	68.0	54.3
Shipbuilding	94.8	163.2	34.4	48.8
Motor and Cycle	303.9	233.7	94.5	63.9
Aircraft	24.1	11.6	8.6	6.7
Railway Carriage and Wagon Building	170.2	205.1	26.3	28.0
Carriage, Cart and Wagon	3.4	5.5	2.7	2.6
TOTAL	1,707.8	1,754.7	652.2	596.2

Table VIII.—Consumption of heavy fuel oil in 1935

Trade	Quantity	Trade	Quantity
	Th. galls.		Th. galls.
Mechanical Engineering	14,459	Aircraft	1,524
Electrical Engineering	6,195	Railway Carriage and Wagon Building	1,416
Shipbuilding	2,052	Carriage, Cart and Wagon	106
Motor and Cycle	8,811		
		TOTAL	34,563

Table IX.—Consumption of electricity

Trade	Electricity consumed			
	Purchased	Generated		Total
		In same works	In other works under same ownership	
	Million B.T.U. (Kw.-hrs.)			
Mechanical Engineering { 1935	475.8	131.3	8.3	615.4
{ 1930	375.6	125.5	5.1	506.2
Electrical Engineering { 1935	305.3	41.8	0.1	347.2
{ 1930	188.6	28.1	1.0	217.7
Shipbuilding { 1935	85.6	5.6	3.6	94.8
{ 1930	107.9	17.8	4.3	130.0
Motor and Cycle { 1935	337.0	83.3	3.0	423.3
{ 1930	196.9	30.2	—	227.1
Aircraft { 1935	36.2	1.2	1.2	38.6
{ 1930	13.3	1.3	—	14.6
Railway Carriage and Wagon Building { 1935	44.7	4.3	0.2	49.2
{ 1930	25.6	18.7	0.4	44.7
Carriage, Cart and Wagon { 1935	2.8	*	*	2.8
{ 1930	2.5	0.2	*	2.7
TOTAL { 1935	1,287.4	267.5	16.4	1,571.3
{ 1930	910.4	221.8	10.8	1,143.0

* Less than 50,000 units.

EMPLOYMENT

Table X A.—Average number of persons employed by all firms

Trade	Persons employed by firms employing more than ten persons		Estimated number of persons employed by the small firms	Total
	Thous.	Thous.		
Mechanical Engineering	1935	432.8	22.6	455.4
	1930	455.5	25.3	480.8
	1924	448.2	32.6	480.8
Electrical Engineering	1935	247.9	7.5	255.4
	1930	192.0	6.6	198.6
	1924	150.9	6.3	157.2
Shipbuilding ...	1935	82.0	2.6	84.6
	1930	133.5	2.7	136.2
	1924	141.9	2.1	144.0
Motor and Cycle	1935	279.8	63.0	342.8
	1930	241.0	62.8	303.8
	1924	192.7	30.3	223.0
Aircraft ...	1935	35.0	0.1	35.1
	1930	21.3	0.1	21.4
	1924	11.7	—	11.7
Railway Carriage and Wagon Building ...	1935	20.7	0.2	20.9
	1930	23.3	0.2	23.5
	1924	29.5	0.2	29.7
Carriage, Cart and Wagon ...	1935	6.2	9.6	15.8
	1930	6.8	12.3	19.1
	1924	10.7	14.3	25.0
Unclassified trades (Northern Ireland) ...	1930	0.1	1.2	1.3
TOTAL—UNITED KINGDOM	1935	1,104.4	105.6	1,210.0
	1930	1,073.5	111.2	1,184.7
	1924	985.6	85.8	1,071.4
England and Wales ...	1935	988.8	94.3	1,083.1
	1930	924.6	*	*
	1924	836.2	*	*
Scotland ...	1935	98.0	9.1	107.1
	1930	126.5	*	*
	1924	130.8	*	*
Northern Ireland	1935	17.6	2.2	19.8
	1930	22.4	*	*
	1924	18.6	*	*

* Not available.

Table X B.—Average numbers employed, 1924-1935

(i) Operatives

Trade	Males		Females		Total			
	Under 18	Total	Under 18	Total	Under 18	18 and over	Total	
	Thous.	Thous.	Thous.	Thous.	Thous.	Thous.	Thous.	
Mechanical Engineering	1935	43.7	341.9	4.7	18.1	48.4	311.6	360.0
	1930	45.1	369.3	3.7	16.1	48.8	336.6	385.4
	1924	44.7	370.7	3.9	15.2	48.6	337.3	385.9
Electrical Engineering	1935	21.6	123.5	17.2	69.5	38.8	154.2	193.0
	1930*	16.4	103.4	13.5	48.3	29.9	121.8	151.7
	1924	16.5	87.1	11.5	34.3	28.0	93.4	121.4
Shipbuilding ...	1935	8.1	74.6	0.1	0.5	8.2	66.9	75.1
	1930	13.5	123.5	0.1	0.9	13.6	110.8	124.4
	1924	13.5	130.4	0.1	0.8	13.6	117.6	131.2
Motor and Cycle	1935	22.4	211.4	6.3	30.9	28.7	213.6	242.3
	1930	21.0	182.8	5.5	24.4	26.5	180.7	207.2
	1924	18.6	148.7	4.3	19.2	22.9	145.0	167.9
Aircraft ...	1935	3.1	27.5	0.3	1.6	3.4	25.7	29.1
	1930	2.0	16.5	0.2	1.1	2.2	15.4	17.6
	1924	1.0	9.3	0.1	0.7	1.1	8.9	10.0
Railway Carriage and Wagon Building ...	1935	2.2	18.0	†	0.2	2.2	16.0	18.2
	1930	2.3	20.2	†	0.2	2.3	18.1	20.4
	1924	3.3	26.1	0.1	0.3	3.4	23.0	26.4
Carriage, Cart and Wagon ...	1935	1.0	4.1	0.4	1.3	1.4	4.0	5.4
	1930*	0.9	4.6	0.4	1.3	1.3	4.6	5.9
	1924	1.4	7.9	0.7	1.5	2.1	7.3	9.4
Unclassified trades (Northern Ireland)	1930	†	0.1	†	†	†	0.1	0.1
TOTAL ...	1935	102.1	801.0	29.0	122.1	131.1	792.0	923.1
	1930	101.2	820.4	23.4	92.3	124.6	788.1	912.7
	1924	99.0	780.2	20.7	72.0	119.7	732.5	852.2

* Great Britain only.

† Less than 50 persons.

Table X B.—Average numbers employed, 1924-1935 (continued)
(ii) *Administrative, technical and clerical staff*

Trade	Males		Females		Total			
	Under 18	Total	Under 18	Total	Under 18	18 and over	Total	
	No.	No.	No.	No.	No.	No.	No.	
Mechanical Engineering	1935	4,927	55,184	3,264	17,575	8,191	64,568	72,759
	1930	5,240	53,945	3,025	16,193	8,265	61,873	70,138
	1924	4,701	48,177	2,063	14,107	6,764	55,580	62,344
Electrical Engineering	1935	2,498	38,373	3,336	16,583	5,834	49,122	54,956
	1930*	2,365	28,089	2,412	12,144	4,777	35,456	40,233
	1924	2,115	20,547	1,749	8,970	3,864	25,653	29,517
Shipbuilding ...	1935	437	5,894	108	1,068	545	6,417	6,962
	1930	722	7,702	163	1,395	885	8,212	9,097
	1924	811	9,073	154	1,610	965	9,718	10,683
Motor and Cycle ...	1935	2,429	25,307	2,502	12,201	4,931	32,577	37,508
	1930	2,326	22,795	2,082	10,996	4,408	29,383	33,791
	1924	1,903	17,120	1,520	7,717	3,423	21,414	24,837
Aircraft ...	1935	417	4,674	261	1,215	678	5,211	5,889
	1930	260	2,911	188	816	448	3,279	3,727
	1924	106	1,339	58	394	164	1,569	1,733
Railway Carriage and Wagon Building ...	1935	200	1,835	123	616	323	2,128	2,451
	1930	214	2,221	152	704	366	2,559	2,925
	1924	294	2,338	72	705	366	2,677	3,043
Carriage, Cart and Wagon...	1935	33	468	47	241	80	629	709
	1930*	39	522	65	309	104	727	831
	1924	65	920	73	370	138	1,152	1,290
Unclassified trades (Northern Ireland)	1930	1	20	1	6	2	24	26
	TOTAL ...	1935	10,941	131,735	9,641	49,499	20,582	160,652
	1930	11,167	118,205	8,088	42,563	19,255	141,513	160,768
	1924	9,995	99,514	5,689	33,933	15,684	117,763	133,447

* Great Britain only.

Table X B.—Average numbers employed, 1924-1935 (continued)
(iii) *Total staff*

Trade	Males		Females		Total			
	Under 18	Total	Under 18	Total	Under 18	18 and over	Total	
	Thous.	Thous.	Thous.	Thous.	Thous.	Thous.	Thous.	
Mechanical Engineering	1935	48.6	397.1	8.0	35.7	56.6	376.2	432.8
	1930	50.4	423.2	6.7	32.3	57.1	398.4	455.5
	1924	49.4	418.9	6.0	29.3	55.4	392.8	448.2
Electrical Engineering	1935	24.1	161.9	20.5	86.0	44.6	203.3	247.9
	1930*	18.7	131.5	15.9	60.5	34.6	157.4	192.0
	1924	18.6	107.6	13.2	43.3	31.8	119.1	150.9
Shipbuilding ...	1935	8.5	80.4	0.2	1.6	8.7	73.3	82.0
	1930	14.2	131.2	0.3	2.3	14.5	119.0	133.5
	1924	14.3	139.5	0.3	2.4	14.6	127.3	141.9
Motor and Cycle	1935	24.8	236.7	8.9	43.1	33.7	246.1	279.8
	1930	23.3	205.6	7.6	35.4	30.9	210.1	241.0
	1924	20.5	165.8	5.8	26.9	26.3	166.4	192.7
Aircraft ...	1935	3.6	32.1	0.5	2.9	4.1	30.9	35.0
	1930	2.3	19.4	0.3	1.9	2.6	18.7	21.3
	1924	1.1	10.6	0.2	1.1	1.3	10.4	11.7
Railway Carriage and Wagon Building ...	1935	2.3	19.9	0.2	0.8	2.5	18.2	20.7
	1930	2.5	22.4	0.2	0.9	2.7	20.6	23.3
	1924	3.6	28.5	0.1	1.0	3.7	25.8	29.5
Carriage, Cart and Wagon ...	1935	1.1	4.7	0.4	1.5	1.5	4.7	6.2
	1930*	1.0	5.2	0.4	1.6	1.4	5.4	6.8
	1924	1.5	8.8	0.7	1.9	2.2	8.5	10.7
Unclassified trades (Northern Ireland)	1930	†	0.1	†	†	†	0.1	0.1
	TOTAL ...	1935	113.0	932.8	38.7	171.6	151.7	952.7
	1930	112.4	938.6	31.4	134.9	143.8	929.7	1,073.5
	1924	109.0	879.7	26.3	105.9	135.3	850.3	985.6

* Great Britain only.

† Less than 50 persons.

Table X C.—Summary of the average numbers employed, 1924-1935

Country	Males		Females		Total		
	Under 18	Total	Under 18	Total	Under 18	18 and over	Total
Operatives							
	Thous.	Thous.	Thous.	Thous.	Thous.	Thous.	Thous.
England and Wales ...	1935 90.8	705.5	28.0	118.1	118.8	704.8	823.6
	1930 86.8	693.7	22.7	88.1	109.5	672.3	781.8
	1924 83.6	653.4	19.6	67.9	103.2	618.1	721.3
Scotland ...	1935 9.6	79.6	1.0	4.0	10.6	73.0	83.6
	1930 12.2	106.5	0.7	4.1	12.9	97.7	110.6
	1924 13.3	110.5	1.1	4.1	14.4	100.2	114.6
Northern Ireland ...	1935 1.7	15.9	*	*	1.7	14.2	15.9
	1930 2.2	20.2	*	0.1	2.2	18.1	20.3
	1924 2.1	16.3	*	*	2.1	14.2	16.3
TOTAL—UNITED KINGDOM ...	1935 102.1	801.0	29.0	122.1	131.1	792.0	923.1
	1930 101.2	820.4	23.4	92.3	124.6	788.1	912.7
	1924 99.0	780.2	20.7	72.0	119.7	732.5	852.2
Administrative, technical and clerical staff							
England and Wales ...	1935 10.0	120.0	9.1	45.2	19.1	146.1	165.2
	1930 9.9	104.8	7.4	38.0	17.3	125.5	142.8
	1924 8.6	85.8	4.9	29.1	13.5	101.4	114.9
Scotland ...	1935 0.8	10.5	0.6	3.9	1.4	13.0	14.4
	1930 1.2	11.8	0.6	4.1	1.8	14.1	15.9
	1924 1.3	11.9	0.6	4.3	1.9	14.3	16.2
Northern Ireland ...	1935 0.1	1.3	*	0.4	0.1	1.6	1.7
	1930 0.1	1.6	*	0.5	0.1	2.0	2.1
	1924 0.1	1.8	0.1	0.5	0.2	2.1	2.3
TOTAL—UNITED KINGDOM ...	1935 10.9	131.8	9.7	49.5	20.6	160.7	181.3
	1930 11.2	118.2	8.0	42.6	19.2	141.6	160.8
	1924 10.0	99.5	5.6	33.9	15.6	117.8	133.4
Total staff							
England and Wales ...	1935 100.8	825.5	37.2	163.3	138.0	850.8	988.8
	1930 96.8	798.5	30.1	126.1	126.9	797.7	924.6
	1924 92.2	739.2	24.5	97.0	116.7	719.5	836.2
Scotland ...	1935 10.4	90.1	1.5	7.9	11.9	86.1	98.0
	1930 13.4	118.3	1.3	8.2	14.7	111.8	126.5
	1924 14.6	122.4	1.7	8.4	16.3	114.5	130.8
Northern Ireland ...	1935 1.8	17.2	*	0.4	1.8	15.8	17.6
	1930 2.3	21.8	*	0.6	2.3	20.1	22.4
	1924 2.2	18.1	0.1	0.5	2.3	16.3	18.6
TOTAL—UNITED KINGDOM ...	1935 113.0	932.8	38.7	171.6	151.7	952.7	1,104.4
	1930 112.5	938.6	31.4	134.9	143.9	929.6	1,073.5
	1924 109.0	879.7	26.3	105.9	135.3	850.3	985.6

* Less than 50 persons.

Table X D.—Operatives employed in one week of each month by firms furnishing returns in respect of the twelve months ended December

Mid week of*	Operatives employed		Monthly index†			
	1930	1935	1930	1933‡	1934‡	1935
January ...	519,644	493,828	102.4	70.5	77.8	95.7
February ...	514,600	496,258	101.4	69.8	79.3	96.2
March ...	512,754	496,098	101.1	69.4	80.5	96.2
April ...	511,283	498,721	100.8	69.4	82.2	96.7
May ...	510,041	504,394	100.5	70.6	84.4	97.8
June ...	498,365	503,733	98.2	71.8	85.7	97.7
July ...	490,595	513,447	96.7	72.9	86.2	99.5
August ...	478,892	517,833	94.4	73.6	87.8	100.4
September ...	476,151	531,696	93.8	76.6	90.1	103.1
October ...	466,535	536,322	92.0	78.0	91.3	104.0
November ...	458,974	548,114	90.5	78.7	91.9	106.3
December ...	448,438	549,601	88.4	78.9	91.5	106.5
Average for the twelve months ...	490,523	515,837	96.7	73.4	85.7	100.0
Proportion of total operatives represented ...	54.95	55.88

* For the ending date of each week see page xiv.

† Based on the estimated average for the year 1935.

‡ Exclusive of the Motor and Cycle Trade not covered by the Inquiry of 1933, and of the Shipbuilding and Carriage, Cart and Wagon Trades, and certain other groups of firms not covered by the Inquiries of 1933 or 1934. The index numbers are related to a corresponding figure for 1935.

Table XI.—Wages paid by firms furnishing returns of wages in 1935 and 1930

Trade	Average number of operatives		Net output		Wages paid	
	Number	Proportion of trade	Amount	Proportion of trade	Amount	Proportion of net output
		Per cent.	£'000	Per cent.	£'000	Per cent.
Mechanical Engineering	1935 266,660	74.1	71,096	72.5	35,927	50.5
	1930 262,652	68.2	61,155	65.9	34,427	58.3
Electrical Engineering	1935 135,098	70.0	41,236	71.9	15,925	38.6
	1930* 114,465	75.4	35,104	78.3	13,120	37.4
Shipbuilding	1935 52,280	69.7	11,160	70.1	7,232	64.8
	1930* 60,685	52.7	12,433	48.0	8,526	68.6
Motor and Cycle	1935 178,633	73.7	51,661	80.3	27,017	52.3
	1930 134,416	64.9	36,644	69.0	19,849	54.2
Aircraft	1935 27,311	93.7	8,099	95.8	4,169	51.5
	1930 10,319	58.6	3,312	59.4	1,562	47.2
Railway Carriage and Wagon Building	1935 15,472	85.0	3,576	87.1	2,213	61.9
	1930 14,034	68.7	3,043	69.2	1,971	64.8
Carriage, Cart and Wagon	1935 2,993	55.0	600	55.1	328	54.7
	1930* 3,643	61.4	701	62.3	405	57.8
TOTAL	1935 678,447	73.5	187,428	75.2	92,811	49.5
	1930 600,214	65.3	152,392	65.8	79,860	52.4

* Great Britain only.