

TRAMWAY AND LIGHT RAILWAY UNDERTAKINGS.

INTRODUCTORY

The particulars given in the following tables relate to work of construction, repair, etc., carried out by employees of Tramway and Light Railway Undertakings, and by Companies and Local Authorities operating trackless trolley vehicle services. Work carried out by private firms on behalf of Tramway and Light Railway Companies is dealt with in the reports on the various trades concerned with the work.

In comparing the general summary particulars (Table I A) for 1935 with those shown for 1930, the effect of any transference of services previously operated by companies to road transport authorities, such as the London Passenger Transport Board, should be borne in mind.

Table I A.—General summary

Particulars	Unit	Companies	Local Authorities	Total	
Value of work done (Gross output)	1935	£'000	458	6,368	6,826
	1930	"	1,369	6,464	7,833
	1924	"	1,629	*	*
Cost of materials, fuel and electricity used	1935	"	177	2,552	2,729
	1930	"	643	2,777	3,420
	1924	"	733	*	*
Net output	1935	"	281	3,816	4,097
	1930	"	726	3,687	4,413
	1924	"	896	*	*
Average number of persons employed	1935	No.	1,927	23,432	25,359
	1930	"	5,236	22,985	28,221
	1924	"	6,187	*	*
Net output per person employed	1935	£	146	163	162
	1930	"	139	160	156
	1924	"	145	*	*
Number of returns	1935	No.	18	85	103
	1930	"	36	95	131
	1924	"	68	*	*
Number of establishments... ..	1935	"	30	112	142
	1930	"	70	153	223
	1924	"	*	*	*

* Separate particulars are not available. Particulars for Local Authorities in 1924 are included in the report dealing with the general productive work of Local Authorities, see page 11.

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

Particulars	1935	1930	1924*
Number of returns received	No. 16	No. 19	No. 6
Average number of persons employed :—			
Males	104	107	39
Females	2	4	—
TOTAL	106	111	39
Number of Undertakings not making returns	—	2	—

* Excluding particulars for Local Authorities, see footnote (*) to Table IA.

Table II.—Size of establishments in 1935

Size of establishment (average number employed)	Number of establishments	Gross output	Net output	Number of persons employed	Net output per person employed
	No.	£'000	£'000	No.	£
11-24	27	131	78	508	155
25-49	33	305	190	1,153	165
50-99	31	559	343	2,161	159
100-199	23	725	430	3,038	141
200-299	10	659	398	2,463	161
300-399	4	285	202	1,281	157
400-749	4	522	317	1,979	160
750-999	4	941	563	3,406	165
1,000 and over	6	2,699	1,576	9,370	168
TOTAL	142	6,826	4,097	25,359	162

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

Area*	Number of establishments†	Gross output	Net output	Number of persons employed	Net output per person employed
	No.	£'000	£'000	No.	£
1	1935 7	1,433	887	4,890	181
	1930 11	1,607	877	5,892	149
2	1935 48	1,639	1,025	6,169	166
	1930 33	1,691	1,093	6,645	164
3	1935 11	920	527	3,319	159
	1930 14	1,028	597	3,602	166
4	1935 9	198	124	766	161
	1930 10	297	179	1,202	150
5	1935 6	562	330	2,139	154
	1930 8	545	289	1,800	161
6	1935 8	213	146	794	184
7 and 9	1935 14	333	197	1,350	146
8	1935 14	260	156	1,155	135
10	1935 8	111	74	479	156
6 to 10	1935 44	917	573	3,778	152
	1930 34	1,276	691	4,492	154
12, 13 and 18	1935 9	143	95	731	131
	1930 11	222	127	865	147
14 to 17	1935 8	1,014	536	3,567	150
	1930 10	1,167	560	3,723	150
TOTAL	1935 142	6,826	4,097	25,359	162
	1930 131	7,833	4,413	28,221	156

* For particulars see page xviii.

† Number of returns for 1930.

PRODUCTION

Table IV.—Output

Kind of work done and goods made	1935		1930
	Value*	Entries	Value*
	£'000	No.	£'000
Repair work to rolling stock :—			
Tramcars	2,074	58	} 2,761
Trackless trolley vehicles	225	27	
Motor omnibuses and coaches	1,777	88	
Other rolling stock	33	53	74
Work of construction and repair on :—			
Permanent way and works connected there-with	1,627	59	2,025
Electrical equipment of lines	447	72	459
Depots, workshops, offices and other buildings :—			
New construction	57	21	79
Repairs	169	92	196
Machinery and workshop plant	79	66	93
Tramcars and trackless trolley vehicles built... ..	161	8	320
Printing work	29	4	} 359
Other work done and goods made	148	...	
Unclassified work	—	—	9
TOTAL	6,826	...	7,833

* See introductory note, page

Table V.—Volume of Production, 1924-1935

Output	1924	1930	1935
Value of output as returned	£'000	£'000	£'000
Estimated value at 1935 prices	1,629	7,833	6,826
	1,500	7,300	6,826
Volume of production as a percentage of 1935...	Per cent.	Per cent.	Per cent.
	124*	107	100

* Owing to the exclusion from 1924 of Local Authorities the 1935 base figure has been adjusted in calculating this index.

MATERIALS AND FUEL

Table VI A.—Materials, fuel and electricity purchased and used

Kind of materials, etc.	1935		1930
	Quantity	Cost	Cost
	Th. tons	£'000	£'000
Fuel and electricity used for all purposes* :—			
Coal	11.8	9	} 3,420
Coke	12.1	15	
Heavy fuel oil	225	5	
	Th. B.T.U. (Kw.-hrs.)		
Purchased electricity	15,199	47	
All purchased materials and other fuel	2,653	
TOTAL	2,729	3,420

* These figures, so far as undertakings were able to furnish separate particulars, represent the quantities of fuel consumed in carrying out the work covered by the particulars given in Table IV, and are exclusive of fuel used for traction.

Table VI B.—Consumption of coal, coke and electricity

Kind of fuel	1935	1930
	Coal	Th. tons 11.8
Coke	12.1	†
Electricity* :—	Th. B.T.U. (Kw.-hrs.)	Th. B.T.U. (Kw.-hrs.)
Generated in same works	65	—
Purchased	15,199	16,220
Total electricity consumed	15,264	16,220

* See footnote (*) to Table VI A. In addition, undertakings using electricity for traction purposes reported that the quantity so used by them amounted to 854,650,000 B.T. Units in 1935 and 848,630,000 B.T. Units in 1930.

† Not available.

EMPLOYMENT

Table VII A.—Average numbers employed

Persons employed	Males		Females		Total	
	Under 18	All ages	Under 16	All ages	Under 18	All ages
Operatives (average for the year)	1935 474	23,239	11	141	485	23,380
Administrative, technical and clerical staff*	1930 729	25,820	7	185	736	26,005
	1935 50	1,588	43	391	93	1,979
	1930 61	1,797	44	419	105	2,216
TOTAL	1935 524	24,827	54	532	578	25,359
	1930 790	27,617	51	604	841	28,221

* As at 12th October, 1935, and 18th October, 1930.

Table VII B.—Operatives employed in one week in each month of the years 1930-31 and 1935-36 by undertakings furnishing returns in respect of the twelve months ended:—

(a) December

Mid week of*	Operatives employed		Monthly index†	
	1930	1935	1930	1935
January	4,913	3,612	109.1	99.8
February	4,970	3,577	110.4	98.9
March	5,004	3,579	111.1	98.9
April	5,026	3,580	111.6	98.9
May	5,131	3,578	114.0	98.9
June	5,149	3,656	114.4	101.1
July	5,123	3,678	113.8	101.7
August	5,159	3,650	114.6	100.9
September	5,096	3,621	113.2	100.1
October	4,961	3,662	110.2	101.2
November	4,840	3,624	107.5	100.2
December	4,717	3,593	104.8	99.3
Average for the twelve months	5,007	3,618	111.2	100.0
Proportion of total operatives represented	19.25	15.47

(b) March

Mid week of*	Operatives employed		Monthly index‡	
	1930/1	1935/6	1930/1	1935/6
April	17,692	11,629	112.1	99.6
May	17,977	11,770	113.9	100.8
June	18,123	11,759	114.8	100.7
July	18,038	11,920	114.3	102.1
August	17,818	11,780	112.9	100.9
September	17,733	11,711	112.4	100.3
October	17,611	11,778	111.6	100.8
November	17,391	11,791	110.2	101.0
December	17,151	11,714	108.7	100.3
January	17,017	11,437	107.8	97.9
February	17,037	11,400	108.0	97.6
March	17,057	11,443	108.1	98.0
Average for the twelve months ...	17,554	11,678	111.2	100.0
Proportion of total operatives represented ...	67.50	49.95

* For the ending date of each week see page xiv and footnote (*) to Table X D of the General Report on the Public Utilities Undertaking.

† Based on the estimated average for the year 1935.

‡ Based on the estimated average for the year 1935-36.

WAGES

Table VIII.—Wages paid by undertakings furnishing returns of wages in 1935

The aggregate amount of wages paid by undertakings furnishing returns of wages was £1,922,000 in 1935 representing 90.8 per cent. of the net output* of these undertakings; the figures given below indicate the size of the sample and the extent to which it is representative. Corresponding figures for the year 1930 are not available.

Undertakings furnishing returns of wages	1935	
	Aggregate	Proportion of trade
	£'000	Per cent.
Gross output	3,645	53.4
Net output	2,116	51.7
Operative staff employed:—	No.	
During mid-week of October:—		
Males	12,409	53.3
Females	68	48.2
Total	12,477	53.3
Average for the year... ..	12,353	52.8
Administrative, technical and clerical staff	891	45.0
Number of establishments	71	50.0

* For the basis on which the value of the work done has been calculated by the undertakings, see the introductory note on page

COUNTRY TABLES (1935)

Note.—Owing to the possible disclosure of information relating to individual undertakings, separate particulars for Northern Ireland cannot be given.

Table I.—General summary

Particulars	Unit	England and Wales and Northern Ireland	Scotland	United Kingdom
Value of work done (Gross output)...	£'000	5,812	1,014	6,826
Cost of materials, fuel and electricity used ...	"	2,251	478	2,729
Net output	"	3,561	536	4,097
Average number of persons employed ...	No.	21,792	3,567	25,359
Net output per person employed ...	£	163	150	162
Number of returns	No.	96	7	103
Number of establishments	"	134	8	142

Table II.—Output

Owing to the possible disclosure of information relating to individual undertakings in Scotland and Northern Ireland separate particulars cannot be given.

Table III A.—Materials, fuel and electricity purchased and used

Kind of materials, etc.	Unit	England and Wales and Northern Ireland	Scotland	United Kingdom
Fuel and electricity used for all purposes:—				
Coal	Th. tons	6.3	5.5	11.8
	£'000	5	4	9
Coke	Th. tons	11.9	0.2	12.1
	£'000	15	*	15
Heavy fuel oil	Th. galls.	199	26	225
	£'000	4	1	5
Purchased electricity	B.T.U. (Kw.-hrs.)	11,465	3,734	15,199
All purchased material and other fuel	£'000	41	6	47
	£'000	2,186	467	2,653
TOTAL	£'000	2,251	478	2,729

* Less than £500.

Table III B.—Consumption of electricity

Electricity consumed	England and Wales	Scotland	Great Britain	Northern Ireland
Generated in same works	Th. B.T.U. (Kw.-hrs.)	Th. B.T.U. (Kw.-hrs.)	Th. B.T.U. (Kw.-hrs.)	Th. B.T.U. (Kw.-hrs.)
	65	—	65	—
Purchased	11,465	3,734	15,199	—
Total	11,530	3,734	15,264	—

Table IV A.—Numbers employed in week ended 12th October, 1935

Persons employed	Males		Females		Total	
	Under 18	All ages	Under 18	All ages	Under 18	All ages
England and Wales and Northern Ireland :—						
Operatives	414	19,808	9	121	423	19,929
Administrative, etc.* ...	50	1,512	42	366	92	1,878
Total	464	21,320	51	487	515	21,807
Scotland :—						
Operatives	60	3,452	2	20	62	3,472
Administrative, etc.* ...	—	76	1	25	1	101
Total	60	3,528	3	45	63	3,573
United Kingdom :—						
Operatives	474	23,260	11	141	485	23,401
Administrative, etc.* ...	50	1,588	43	391	93	1,979
TOTAL	524	24,848	54	532	578	25,380

* Administrative, technical and clerical staff.

Table IV B.—Operatives employed in one week in each month of 1935

Week ended	Males and females		
	England and Wales and Northern Ireland	Scotland	United Kingdom
January 19	19,596	3,445	23,041
February 16	19,519	3,529	23,048
March 16	19,569	3,527	23,096
April 13	19,812	3,509	23,321
May 18	20,060	3,505	23,565
June 15	20,226	3,387	23,613
July 13	20,337	3,390	23,727
August 17	20,122	3,467	23,589
September 14	19,975	3,488	23,463
October 12	19,929	3,472	23,401
November 16	19,966	3,431	23,397
December 14	19,865	3,443	23,308
Average for the twelve months	19,914	3,466	23,380

Table V.—Undertakings employing not more than ten persons on the average (see page 77)