



F12

MINISTRY OF TRANSPORT

TRAMWAYS AND LIGHT RAILWAYS (STREET AND ROAD) AND TRACKLESS TROLLEY UNDERTAKINGS

RETURNS OF
CAPITAL, GROSS RECEIPTS, WORKING
EXPENDITURE, NET RECEIPTS AND
APPROPRIATIONS, AND TRANSACTIONS
IN RESERVE FUNDS ;

LENGTH OF LINE, NUMBER OF CARS,
TRAFFIC AND OPERATING
RESULTS

LOCAL AUTHORITIES .. YEAR 1930-31
COMPANIES YEAR 1930

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TRAMWAYS AND LIGHT RAILWAYS (STREET AND ROAD) AND
TRACKLESS TROLLEY UNDERTAKINGS.

ANNUAL RETURN FOR 1930-31.

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PREFATORY MEMORANDUM.

TRAMWAYS AND LIGHT RAILWAYS.

This Return has been presented to Parliament in compliance with the following Order of the House of Commons, dated the 1st April, 1931 :—

“ That there be laid before this House, a Return of Street and Road Tramways and Light Railways authorised by Act or Order, showing the amount of capital authorised, paid up and expended ; the length of line authorised and the length open for traffic, and number of cars owned at the 31st day of December, 1930, in respect of companies, and the end of the financial year 1930–31 in respect of local authorities ; the gross receipts, working expenditure, net receipts and appropriations, the transactions in reserve funds, and traffic and operating statistics for the year ended on the foregoing dates, respectively (in continuation of Return to an Order of the House, dated the 9th day of April, 1930) ; also similar particulars relating to Trackless Trolley Undertakings.”

Parts I, II and III deal with financial accounts and Part IV with statistical information relating to tramways and light railways on public roads, and in each part Local Authorities' and Companies' undertakings are grouped in separate portions A and B. The totals from the several parts are brought forward to a summary table on pages 10–11 ; this summary shows the figures for all undertakings in Great Britain. A second summary table on pages 6–7 shows the principal results for 1913–14, and for the last four years, for the undertakings of Local Authorities and Companies respectively, and for Great Britain generally.

The data in Part IV (A and B) are confined to operating undertakings, but information as to non-working undertakings, lines leased or worked and undertakings not open for traffic is given in Supplementary Tables Nos. 1 and 2.

A list of Orders made under The Statutory Undertakings (Temporary Increase of Charges) Act, 1918 (8 and 9 Geo. V. c. 34), and the Tramways (Temporary Increase of Charges) Act, 1920 (10 and 11 Geo. V. c. 14), and in force during the period covered by the Return will be found in Part IX.

A list of Acts and Orders governing the various undertakings is included on page 45.

At the end of the Return will be found brief notes explaining the basis on which the Tables have been compiled.

During the period under review there were 204 Tramway undertakings in Great Britain, compared with 217 during the preceding period. An analysis of these figures is given below :—

| Undertakings operated— | 1930–31 | 1929–30 |
|---|---------|---------|
| Open for traffic at end of period .. | 175 | 191 |
| Not open for traffic at end of period | 13 | 14 |
| Undertakings not operated during period.. | 16 | 12 |
| | | |
| Owned by Local Authorities .. | 154 | 160 |
| ,, ,, Companies | 50 | 57 |
| Total number of undertakings | 204 | 217 |

Thirteen undertakings have been deleted from the Returns for the reasons stated below :—

Local Authorities.

| | |
|---------------------------------------|--|
| Burton-upon-Trent Corporation | Powers terminated by Orders†† dated 18th June, 1927, 28th January, 1928, and 2nd May, 1930. |
| Chester Corporation | Abandonment under Chester Corporation Act, 1929. Motor Omnibuses substituted. |
| Colchester Corporation | Powers terminated by Orders dated 6th July, 1929, and 17th March, 1930, made under Section 16 of the Colchester Corporation Act, 1927. |
| Gourock Corporation | } Powers terminated by Order§ dated 4th June, 1929. |
| Greenock Corporation | |

†† Orders made under Section 41 of Tramways Act, 1870.

§ Order made under the Greenock and Port Glasgow Tramway Company's Act, 1928.

| | | | | | |
|---|---------|---------|---------|---------|--|
| Lancaster Corporation . . . . . | .. .. . | .. .. . | .. .. . | .. .. . | Operation ceased 31st March, 1930 and Motor Omnibuses substituted. |
| <i>Companies.</i> | | | | | |
| Gravesend and Northfleet Electric Tramways, Ltd. | .. .. . | .. .. . | .. .. . | .. .. . | Powers terminated by Order†† dated 30th July, 1929. |
| Greenock Motor Services Co. . . . . | .. .. . | .. .. . | .. .. . | .. .. . | Powers terminated by Order§ dated 4th June, 1929. |
| Hastings and District Electric Tramways Co., Ltd. | .. .. . | .. .. . | .. .. . | .. .. . | Abandonment under Hastings Tramway Co. (Trolley Vehicles) Act, 1929. Trackless Trolley Vehicles substituted. |
| Jarrow and District Electric Traction Co., Ltd. | .. .. . | .. .. . | .. .. . | .. .. . | Powers terminated under Section 3 of Jarrow and South Shields Light Railways (Abandonment) Act, 1929. |
| Kidderminster and Stourport Electric Tramway Company. | .. .. . | .. .. . | .. .. . | .. .. . | Abandonment under Section 46 of the Kidderminster and Stourport Electric Tramway Act, 1926. |
| Mexborough and Swinton Traction Co. | .. .. . | .. .. . | .. .. . | .. .. . | Abandoned on substitution of Trackless Trolley Vehicles. |
| Wolverhampton District Electric Tramway Company. | .. .. . | .. .. . | .. .. . | .. .. . | Purchased by Wolverhampton Corporation. Operation ceased 28th September, 1929. |

Tramway operation ceased on the following fifteen undertakings on the respective dates shown :—

| <i>Local Authorities.</i> | <i>Date.</i> | <i>Remarks.</i> |
|--|------------------------|--|
| Ashton in Makerfield U.D.C. | 30th November, 1930. | |
| Haslingden Corporation .. | 30th April, 1930. | |
| Littleborough U.D.C. | 19th October, 1930 .. | Consent to abandonment under section 5 (2) of the Rochdale Corpn. (General Powers) Act, 1930, given 28th November, 1930. |
| Rochester Corporation .. | 30th September, 1930.. | Abandonment under Section 6 of Chatham and District Traction Act, 1929. Order issued 3rd October, 1929. |
| Wednesbury Corporation .. | 5th March, 1931. | |
| Wigan Corporation | 28th March, 1931 .. | Operation ceased 28th March, 1931 and Motor Omnibuses substituted. |
| <i>Companies.</i> | | |
| Chatham and District Traction Company. | 30th September, 1930.. | Abandonment under Section 6 of Chatham and District Traction Act, 1929. Order issued 3rd October, 1929. |
| Cheltenham and District Traction Company | 31st December, 1930 .. | Abandonment under Section 5 of the Cheltenham and District Traction Act, 1929. |
| Dudley Stourbridge and District Electric Traction Company Limited. | 1st March, 1930. | |
| Leamington and Warwick Electrical Company Limited | 16th August, 1930 .. | Abandonment under Leamington and Warwick Traction Act, 1929. |
| Peterborough Electric Traction Company, Limited. | 15th November, 1930. | |
| South Staffordshire Tramways (Lessee) Company, Limited. | 1st March, 1930. | |
| Tyneside Tramways and Tramroads Company. | 6th April, 1930.. .. | Abandonment under Section 5 of the Tyneside Tramways and Tramroads Act, 1929. |
| Yorkshire Traction Company Limited. | 31st August, 1930 .. | Abandonment under provisions of Barnsley and District Light Railways (Abandonment) Act, 1930. |
| Dundee Broughty Ferry and District Traction Company. | 15th May, 1931. | |

†† Order made under Section 41 of Tramways Act, 1870.

§ Order made under the Greenock and Port Glasgow Tramway Company's Act, 1928.

The number of passenger journeys during the year was 4,394,530,590, a decrease of 218,996,069 or 4·75 per cent. as compared with the preceding year. Car-miles run amounted to 383,378,799, a decrease of 10,898,731 or 2·76 per cent. Of the total car-miles 382,010,275, or 99·69 per cent. were Electric Car-miles.

Car-hours worked totalled 44,953,731, a decrease of 1,888,123, or 4·03 per cent. The number of car-miles run per car-hour was 8·53 in 1930-31 compared with 8·43 in 1929-30.

The quantity of electrical energy used was 845,846,112 B.T. Units, and the number of units used per car-mile averaged 2·21. The figures for the preceding year were 842,732,629 and 2·14 B.T. Units respectively.

The average fare paid per passenger journey in 1930-31 was 1·36*d.* In 1929-30 the figure was 1·37*d.*

The table on page 8 analyses the receipts and expenditure per car-mile for the last four years and for 1913-14.

TRACKLESS TROLLEY UNDERTAKINGS.

The Returns in respect of the Local Authorities' and Companies' undertakings are grouped in separate portions (A and B) of Parts V, VI, VII, and VIII. The totals from the several portions are carried to the summary table on pages 10-11.

At the end of the period under review the undertakings of twenty-one Local Authorities and three Companies were open for traffic. Twenty-four other Local Authorities and three Companies have the necessary powers but their undertakings were not open for traffic during the period.

Three undertakings appear for the first time, viz., Derby Corporation, Leicester Corporation and London United Tramways Company.

The following summary sets out briefly the capital expenditure, the financial result of working and the principal operating statistics:—

| | 1930-31. | | | 1929-30. |
|---|--------------------|------------|----------------------|----------------------|
| | Local Authorities. | Companies. | Total. Great Britain | Total. Great Britain |
| Capital Expenditure | £1,614,765 | £657,209 | £2,271,974 | £1,967,298 |
| Gross Receipts | £ 777,655 | £140,770 | £ 918,425 | £ 788,062 |
| Working Expenses | £ 575,431 | £116,066 | £ 691,497 | £ 581,268 |
| Net Receipts | £ 202,224 | £ 24,704 | £ 226,928 | £ 206,794 |
| Operating ratio | 74·00% | 82·45% | 75·29% | 73·76% |
| Interest and Dividends | £ 51,929 | £ 7,159 | £ 59,088 | £ 44,425 |
| Redemption of Debt | £ 102,268 | — | £ 102,268 | £ 84,412 |
| Route miles open for traffic | 152·98 | 40·72 | 193·70 | 168·76 |
| Passengers carried (number of single journeys paid for) | 129,039,306 | 23,965,248 | 153,004,554 | 127,461,837 |
| Car-miles run | 12,881,340 | 3,184,115 | 16,065,455 | 13,671,161 |
| Car-miles run per car-hour | 8·80 | 10·07 | 9·03 | 8·86 |
| Electricity: Traction units consumed | 21,712,353 | 5,265,435 | 26,977,788 | 21,854,443 |
| Traction units per car-mile | 1·69 | 1·65 | 1·68 | 1·60 |

The table on page 8 analyses the receipts and expenditure per car-mile for the last four years and for 1913-14.

R. H. HILL,
Assistant Secretary.

Ministry of Transport,
Finance and Statistics Department,
24th December, 1931.

TRAMWAYS AND LIGHT RAILWAYS—GREAT BRITAIN.

COMPARATIVE TABLE of Receipts or Expenditure per Car Mile (in pence) for LOCAL AUTHORITIES' and COMPANIES' Undertakings.

| | Receipts or Expenditure per Car Mile (in Pence). | | | | | | | | | | | | | | |
|-------------------------------------|--|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | Local Authorities. | | | | | Companies. | | | | | Total. | | | | |
| | 1913 -14. | 1927 -28. | 1928 -29. | 1929 -30. | 1930 -31. | 1913. | 1927. | 1928. | 1929. | 1930. | 1913 -14. | 1927 -28. | 1928 -29. | 1929 -30. | 1930 -31. |
| Income :— | | | | | | | | | | | | | | | |
| Traffic | 10.39 | 16.94 | 16.48 | 16.37 | 15.76 | 9.92 | 14.46 | 14.29 | 14.25 | 14.60 | 10.28 | 16.55 | 16.15 | 16.07 | 15.60 |
| Miscellaneous Receipts .. | 0.30 | 0.15 | 0.15 | 0.16 | 0.16 | 0.95 | 0.66 | 0.78 | 0.68 | 0.66 | 0.46 | 0.24 | 0.25 | 0.23 | 0.23 |
| Gross Receipts | 10.69 | 17.09 | 16.63 | 16.53 | 15.92 | 10.87 | 15.12 | 15.07 | 14.93 | 15.26 | 10.74 | 16.79 | 16.40 | 16.30 | 15.83 |
| Expenditure :— | | | | | | | | | | | | | | | |
| General Repairs and Maintenance | 1.52 | 3.13 | 3.05 | 2.98 | 2.94 | 1.70 | 3.35 | 3.38 | 3.38 | 3.43 | 1.57 | 3.16 | 3.10 | 3.04 | 3.01 |
| Power Expenses | 1.36 | 1.78 | 1.69 | 1.68 | 1.66 | 1.80 | 1.98 | 1.85 | 1.81 | 1.85 | 1.47 | 1.81 | 1.71 | 1.70 | 1.69 |
| Traffic Expenses | 3.09 | 6.68 | 6.61 | 6.51 | 6.47 | 2.25 | 5.75 | 5.65 | 5.81 | 5.98 | 2.88 | 6.54 | 6.47 | 6.41 | 6.40 |
| Rates and Taxes | 0.49 | 0.73 | 0.71 | 0.71 | 0.67 | 0.28 | 0.39 | 0.37 | 0.37 | 0.34 | 0.44 | 0.68 | 0.66 | 0.66 | 0.63 |
| Compensation and Accident Insurance | 0.16 | 0.16 | 0.16 | 0.15 | 0.16 | 0.17 | 0.18 | 0.16 | 0.16 | 0.14 | 0.16 | 0.16 | 0.16 | 0.15 | 0.16 |
| General Expenses | 0.36 | 0.89 | 0.87 | 0.91 | 0.92 | 0.57 | 1.09 | 1.16 | 0.99 | 1.01 | 0.41 | 0.92 | 0.91 | 0.92 | 0.93 |
| Gross Working Expenditure | 6.98 | 13.37 | 13.09 | 12.94 | 12.82 | 6.77 | 12.74 | 12.57 | 12.52 | 12.75 | 6.93 | 13.27 | 13.01 | 12.88 | 12.82 |
| Net Receipts | 3.71 | 3.72 | 3.54 | 3.59 | 3.10 | 4.10 | 2.38 | 2.50 | 2.41 | 2.51 | 3.81 | 3.52 | 3.39 | 3.42 | 3.01 |

TRACKLESS TROLLEYS—GREAT BRITAIN.

COMPARATIVE TABLE of Receipts or Expenditure per Car Mile (in pence) for LOCAL AUTHORITIES' and COMPANIES' Undertakings.

| | Receipts or Expenditure per Car Mile (in Pence). | | | | | | | | | | | | | | |
|-------------------------------------|--|--------------|--------------|--------------|--------------|------------|--------------|--------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|
| | Local Authorities. | | | | | Companies. | | | | | Total. | | | | |
| | 1913 -14. | 1927 -28. | 1928 -29. | 1929 -30. | 1930 -31. | 1913. | 1927. | 1928. | 1929. | 1930. | 1913 -14. | 1927 -28. | 1928 -29. | 1929 -30. | 1930 -31. |
| Income :— | | | | | | | | | | | | | | | |
| Traffic | 8.17 | 14.35 | 14.50 | 14.86 | 14.55 | — | 8.04 | 10.10 | 9.51 | 10.54 | 8.17 | 14.24 | 14.09 | 13.74 | 13.74 |
| Miscellaneous Receipts .. | 0.34 | 0.06 | 0.08 | 0.09 | 0.10 | — | 0.11 | — | 0.10 | 0.09 | 0.34 | 0.06 | 0.07 | 0.09 | 0.10 |
| Gross Receipts | 8.51 | 14.41 | 14.58 | 14.95 | 14.65 | — | 8.15 | 10.10 | 9.61 | 10.63 | 8.51 | 14.30 | 14.16 | 13.83 | 13.84 |
| Expenditure :— | | | | | | | | | | | | | | | |
| General Repairs and Maintenance | 2.34 | 2.19 | 2.30 | 2.17 | 2.22 | — | 2.39 | 1.85 | 2.12 | 2.08 | 2.34 | 2.20 | 2.26 | 2.16 | 2.19 |
| Power Expenses | 1.03 | 1.66 | 1.55 | 1.56 | 1.63 | — | 1.23 | 1.57 | 1.56 | 1.61 | 1.03 | 1.65 | 1.55 | 1.56 | 1.63 |
| Traffic Expenses | 2.74 | 5.67 | 5.53 | 5.51 | 5.65 | — | 5.95 | 4.97 | 4.35 | 4.19 | 2.74 | 5.67 | 5.48 | 5.27 | 5.35 |
| Rates and Taxes | 0.14 | 0.53 | 0.43 | 0.37 | 0.36 | — | 0.18 | 0.02 | 0.16 | 0.13 | 0.14 | 0.53 | 0.39 | 0.32 | 0.32 |
| Compensation and Accident Insurance | 0.15 | 0.24 | 0.20 | 0.20 | 0.18 | — | 0.15 | 0.06 | 0.16 | 0.16 | 0.15 | 0.24 | 0.19 | 0.20 | 0.18 |
| General Expenses | 0.45 | 0.72 | 0.72 | 0.71 | 0.80 | — | 1.07 | 0.74 | 0.67 | 0.59 | 0.45 | 0.72 | 0.72 | 0.69 | 0.75 |
| Gross Working Expenditure | 6.85 | 11.01 | 10.73 | 10.52 | 10.84 | — | 10.97 | 9.21 | 9.02 | 8.76 | 6.85 | 11.01 | 10.59 | 10.20 | 10.42 |
| Net Receipts | 1.66 | 3.40 | 3.85 | 4.43 | 3.81 | — | 2.82 | 0.89 | 0.59 | 1.87 | 1.66 | 3.29 | 3.57 | 3.63 | 3.42 |

TRAMWAYS AND LIGHT RAILWAYS OWNED BY LOCAL AUTHORITIES—WORKING RESULTS OF UNDERTAKINGS EARNING INCOME IN THE YEARS SHOWN.

| Class. | Year. | Number of Undertakings. | Capital Expenditure. | Net Income. | APPROPRIATION. | | | | | Balance (Dr. or Cr.) |
|--|---------|-------------------------|----------------------|-------------|----------------------|------------------------|--------------------------------------|---------------|-------------|----------------------|
| | | | | | Interest on Capital. | Redemption of Capital. | Income Tax and other Appropriations. | Reserves, &c. | Total. | |
| 1. Undertakings which showed a credit balance for the year after meeting all charges, including Capital Redemption and Reserves. | 1930-31 | 89 | £ 71,746,400 | £ 4,442,990 | £ 1,079,581 | £ 1,627,585 | £ 625,733 | £ 889,772 | £ 4,222,671 | Cr. 220,319 |
| | 1929-30 | 93 | 67,428,904 | 4,581,121 | 1,118,458 | 1,706,548 | 562,985 | 790,440 | 4,178,431 | Cr. 402,690 |
| | 1928-29 | 93 | 42,473,564 | 3,426,961 | 814,404 | 1,111,445 | 490,141 | 686,365 | 3,102,355 | Cr. 324,606 |
| | 1927-28 | 93 | 52,521,636 | 4,824,902 | 1,087,345 | 1,283,709 | 475,077 | 1,451,318 | 4,297,449 | Cr. 527,453 |
| | 1926-27 | 82 | 40,385,087 | 3,347,429 | 903,667 | 1,032,410 | 466,863 | 645,287 | 3,048,227 | Cr. 299,202 |
| | 1925-26 | 104 | 42,442,616 | 4,154,343 | 1,008,380 | 1,162,099 | 591,008 | 992,695 | 3,754,182 | Cr. 400,161 |
| | 1924-25 | 99 | 40,484,035 | 4,254,322 | 952,134 | 1,133,210 | 639,140 | 1,110,130 | 3,834,614 | Cr. 419,708 |
| 2. Undertakings which, after meeting all charges, including Capital Redemption, made Reserves in excess of the amount available from the year's working. | 1930-31 | 8 | 5,276,092 | 338,528 | 75,584 | 137,787 | 19,850 | 142,511 | 375,732 | Dr. 37,204 |
| | 1929-30 | 12 | 11,493,902 | 1,057,604 | 232,746 | 190,589 | 134,639 | 550,661 | 1,108,635 | Dr. 51,031 |
| | 1928-29 | 10 | 14,690,425 | 1,224,426 | 274,068 | 257,734 | 134,651 | 688,312 | 1,354,765 | Dr. 130,339 |
| | 1927-28 | 10 | 5,704,271 | 373,620 | 100,037 | 109,871 | 63,779 | 108,183 | 421,870 | Dr. 48,250 |
| | 1926-27 | 14 | 10,466,823 | 1,021,170 | 213,914 | 162,272 | 127,646 | 620,368 | 1,124,200 | Dr. 103,030 |
| | 1925-26 | 7 | 11,088,459 | 954,997 | 195,060 | 167,117 | 151,028 | 601,068 | 1,114,273 | Dr. 159,276 |
| | 1924-25 | 6 | 10,968,102 | 943,263 | 167,246 | 148,417 | 167,682 | 568,742 | 1,052,087 | Dr. 108,824 |
| 3. Undertakings which, after meeting Interest and Capital Redemption, were unable to meet Income Tax and other appropriation charges in full. | 1930-31 | 10 | 4,134,421 | 220,256 | 65,002 | 106,212 | 86,608 | 12,792 | 270,614 | Dr. 50,358 |
| | 1929-30 | 15 | 4,176,780 | 260,471 | 94,662 | 118,754 | 102,573 | 29,534 | 345,523 | Dr. 85,052 |
| | 1928-29 | 16 | 23,041,973 | 1,008,636 | 390,218 | 575,925 | 112,992 | 13,559 | 1,092,694 | Dr. 84,058 |
| | 1927-28 | 14 | 1,511,465 | 84,487 | 25,338 | 40,681 | 24,227 | 3,581 | 93,827 | Dr. 9,340 |
| | 1926-27 | 19 | 4,682,254 | 320,600 | 98,972 | 181,022 | 73,915 | 2,000 | 355,909 | Dr. 35,309 |
| | 1925-26 | 15 | 2,745,278 | 178,452 | 71,074 | 78,093 | 54,697 | 8,927 | 212,791 | Dr. 34,339 |
| | 1924-25 | 15 | 2,059,629 | 168,618 | 59,863 | 71,284 | 73,813 | 2,000 | 206,960 | Dr. 38,342 |
| 4. Undertakings which, after meeting Interest Charges, were unable to meet Capital Redemption in full. | 1930-31 | 27 | 7,545,335 | 322,152 | 156,159 | 256,141 | 65,204 | 12,007 | 489,511 | Dr. 167,359 |
| | 1929-30 | 19 | 4,166,154 | 172,091 | 85,794 | 145,910 | 20,199 | 4,493 | 256,396 | Dr. 84,305 |
| | 1928-29 | 19 | 4,347,378 | 186,431 | 98,816 | 142,231 | 38,028 | 3,780 | 282,855 | Dr. 96,424 |
| | 1927-28 | 25 | 22,353,527 | 752,451 | 400,454 | 658,633 | 48,866 | 5,300 | 1,113,253 | Dr. 360,802 |
| | 1926-27 | 17 | 4,524,770 | 195,642 | 120,890 | 148,707 | 27,245 | 4,744 | 301,586 | Dr. 105,944 |
| | 1925-26 | 18 | 2,313,041 | 115,025 | 64,958 | 79,191 | 9,134 | 2,007 | 155,290 | Dr. 40,265 |
| | 1924-25 | 20 | 2,216,060 | 86,516 | 58,711 | 62,349 | 10,350 | 1,500 | 132,910 | Dr. 46,394 |
| 5. Undertakings which were unable to meet Interest Charges in full. | 1930-31 | 6 | 1,575,402 | 32,828 | 48,228 | 42,585 | 4,247 | — | 95,060 | Dr. 62,232 |
| | 1929-30 | 8 | 1,609,412 | 35,175 | 56,665 | 46,553 | 10,041 | 4,500 | 117,759 | Dr. 82,584 |
| | 1928-29 | 10 | 2,034,138 | 30,542 | 62,426 | 55,522 | 8,766 | 4,781 | 131,495 | Dr. 100,953 |
| | 1927-28 | 5 | 936,311 | 20,720 | 23,691 | 18,205 | 3,883 | 234 | 46,013 | Dr. 25,293 |
| | 1926-27 | 13 | 19,816,139 | 256,252 | 353,944 | 306,873 | Cr. 12,084 | 4,591 | 653,324 | Dr. 397,072 |
| | 1925-26 | 6 | 18,296,511 | 310,465 | 335,792 | 223,148 | Cr. 82,631 | 6,738 | 483,047 | Dr. 172,582 |
| | 1924-25 | 8 | 18,180,016 | 291,790 | 398,940 | 143,515 | Cr. 37,535 | 8,237 | 588,227 | Dr. 296,437 |
| 6. Undertakings which were unable to meet their working expenses. | 1930-31 | 4 | 559,514 | Dr. 2,275 | 16,803 | 10,393 | 8,485 | 501 | 36,182 | Dr. 38,457 |
| | 1929-30 | 3 | 189,546 | Dr. 5,090 | 2,947 | 6,451 | 150 | 501 | 10,049 | Dr. 15,139 |
| | 1928-29 | 5 | 407,372 | Dr. 6,813 | 4,885 | 10,992 | 672 | 501 | 17,050 | Dr. 23,863 |
| | 1927-28 | 7 | 1,290,941 | Dr. 18,003 | 31,563 | 44,903 | 5,601 | — | 82,067 | Dr. 100,070 |
| | 1926-27 | 11 | 1,901,172 | Dr. 54,603 | 55,268 | 67,831 | 9,180 | 300 | 132,579 | Dr. 187,182 |
| | 1925-26 | 9 | 2,089,176 | Dr. 66,495 | 54,589 | 69,264 | 13,026 | 1,460 | 138,339 | Dr. 204,834 |
| | 1924-25 | 8 | 1,830,140 | Dr. 72,845 | 49,361 | 57,498 | 32,614 | 300 | 139,773 | Dr. 212,618 |
| Total | 1930-31 | 144 | 90,837,164 | 5,354,479 | 1,441,357 | 2,180,703 | 810,127 | 1,057,583 | 5,489,770 | Dr. 135,291 |
| | 1929-30 | 150 | 89,064,698 | 6,101,372 | 1,591,272 | 2,214,805 | 830,587 | 1,380,129 | 6,016,793 | Cr. 84,579 |
| | 1928-29 | 153 | 86,994,850 | 5,870,183 | 1,644,817 | 2,153,849 | 785,250 | 1,397,298 | 5,981,214 | Dr. 111,031 |
| | 1927-28 | 154 | 84,318,151 | 6,038,177 | 1,668,428 | 2,196,002 | 621,433 | 1,568,616 | 6,054,479 | Dr. 16,302 |
| | 1926-27 | 156 | 81,776,245 | 5,086,490 | 1,746,655 | 1,899,115 | 692,765 | 1,277,290 | 5,615,825 | Dr. 529,335 |
| | 1925-26 | 159 | 78,975,081 | 5,646,787 | 1,729,853 | 1,778,912 | 736,262 | 1,612,895 | 5,857,922 | Dr. 211,135 |
| | 1924-25 | 156 | 75,737,982 | 5,671,664 | 1,686,255 | 1,616,273 | 961,134 | 1,690,909 | 5,954,571 | Dr. 282,907 |

SUMMARY TABLE OF FINANCIAL AND STATISTICAL INFORMATION OF (a) TRAMWAYS AND LIGHT RAILWAYS AND (b) TRACKLESS TROLLEY UNDERTAKINGS IN GREAT BRITAIN FOR THE YEAR 1930-31. PART I.—

| Brought forward from page | Part. | | Capital Authorised. | | | | Capital Paid Up. | | | | Capital Redeemed and Provided for out of Revenue. | | | Net Capital Liability. | Lines and Permanent Way. |
|---------------------------|-------|--------------------------------|---|------------------------|------------|-------------|---|------------------------|------------|-------------|---|----------------------------------|------------|------------------------|--------------------------|
| | | | By Loans, Debentures and Debenture Stock. | By Loans for Renewals. | By Shares. | Total. | By Loans, Debentures and Debenture Stock. | By Loans for Renewals. | By Shares. | Total. | Capital Redeemed. | Funds for Redemption of Capital. | Total. | | |
| 14 | IA | TRAMWAYS, Etc. | | | | | | | | | | | | | |
| 16 | IB | Local Authorities Companies .. | 98,395,008 | 3,221,374 | — | 101,616,382 | 86,362,817 | 3,159,173 | — | 89,521,990 | 44,749,270 | 7,912,735 | 52,662,005 | 36,859,985 | 30,983,456 |
| | | Companies .. | 9,961,329 | — | 17,161,430 | 27,122,759 | 6,217,117 | — | 14,169,214 | 20,386,331 | 1,322,511 | 76,905 | 1,399,416 | 18,986,915 | 4,823,894 |
| | | Total .. | 108,356,337 | 3,221,374 | 17,161,430 | 128,739,141 | 92,579,934 | 3,159,173 | 14,169,214 | 109,908,321 | 46,071,781 | 7,989,640 | 54,061,421 | 55,846,900 | 35,807,350 |
| 40 | VA | TRACKLESS TROLLEYS. | | | | | | | | | | | | | |
| 40 | VB | Local Authorities Companies .. | 3,146,916 | — | — | 3,146,916 | 1,558,452 | — | — | 1,558,452 | 452,740 | 80,114 | 564,843 | 993,609 | — |
| | | Companies .. | 575,000 | — | — | 575,000 | 452,740 | — | — | 452,740 | — | — | — | 452,740 | — |
| | | Total .. | 3,721,916 | — | — | 3,721,916 | 2,011,192 | — | — | 2,011,192 | 452,740 | 80,114 | 564,843 | 1,446,349 | — |

Note.—Where Trackless Trolleys form part of the Tramway undertaking, the figures for Trackless Trolleys relating to Capital Receipts are included under the same headings

PART II.—

| Brought forward from page | Part. | | INCOME. | | | | | | | | Maintenance and Renewals out | |
|---------------------------|--------------------|--------------------------------|------------------|---------|--------|---------|------------|--|---------------|--------------|-------------------------------|--|
| | | | From Traffic. | | | | | Advertising on Cars and Miscellaneous. | Total Income. | Perman. Way. | Electrical Equipment of Line. | |
| Passengers. | Parcels and Mails. | Animals, Goods and Minerals. | Through Running. | Total. | | | | | | | | |
| 20 | IIA | TRAMWAYS, Etc. | | | | | | | | | | |
| 22 | IIB | Local Authorities Companies .. | 21,684,629 | 88,282 | 2,512 | 84,606 | 21,690,817 | 218,745 | 21,909,562 | 1,807,332 | 316,526 | |
| | | Companies .. | 3,138,734 | 12,977 | 10,758 | 64,964 | 3,227,433 | 144,536 | 3,371,969 | 328,322 | 64,277 | |
| | | Total .. | 24,823,363 | 101,259 | 13,270 | 149,570 | 24,918,250 | 363,281 | 25,281,531 | 1,635,654 | 380,803 | |
| 41 | VI A | TRACKLESS TROLLEYS. | | | | | | | | | | |
| 41 | VI B | Local Authorities Companies .. | 767,572 | 1,009 | — | 3,920 | 772,501 | 5,154 | 777,655 | — | 19,932 | |
| | | Companies .. | 141,633 | 1,934 | — | 4,027 | 139,540 | 1,230 | 140,770 | — | 5,449 | |
| | | Total .. | 909,205 | 2,943 | — | 7,947 | 912,041 | 6,384 | 918,425 | — | 25,381 | |

PART III.—NET REVENUE AND APPROPRIATION ACCOUNT AND

| Brought forward from page | Part. | | NET INCOME AND APPROPRIATION | | | | | | | | | | |
|---------------------------------------|-----------------------|--|-------------------------------|---------------|-------------------|----------------------------------|--------------------------|------------------------------------|------------------------|--|-----------------------|-----------|-----------|
| | | | Income. | | | | | | | | | | |
| Tramways or Trackless Trolleys. | | | | | | | | | | | | | |
| Balance from Revenue Account Part II. | Rent of Leased Lines. | Aid from Rates. | Transfers from Reserve Funds. | Other Income. | Total Net Income. | Transfers from other Businesses. | Balance brought forward. | Total available for Appropriation. | Interest and Dividend. | Repayment of Debt and Contributions to Redemption Funds. | Rent of Leased Lines. | | |
| 28 | IIIA | TRAMWAYS, Etc. | | | | | | | | | | | |
| 28 | IIIB | Local Authorities Companies .. | 4,280,137 | 220,862 | 192,933 | 126,951 | 322,510 | 5,123,393 | 424,019 | 115,896 | 5,431,516 | 1,441,357 | 2,180,703 |
| | | Companies .. | 554,265 | 986 | — | 125,798 | 681,402 | — | 75,302 | 606,100 | 170,238 | 36,922 | |
| | | Elimination of Rent paid by Lessee to Lessor Undertakings(a) | 221,848 | — | — | — | 221,848 | — | — | 221,848 | — | 221,848 | |
| | | Total .. | 4,814,402 | — | 192,933 | 127,304 | 448,308 | 5,582,947 | 424,019 | 191,198 | 5,815,768 | 1,611,595 | 2,217,625 |
| 42 | VII A | TRACKLESS TROLLEYS. | | | | | | | | | | | |
| 42 | VII B | Local Authorities Companies .. | 202,224 | — | 14,987 | — | 7,447 | 224,658 | — | 4,892 | 229,550 | 51,929 | 102,268 |
| | | Companies .. | 24,704 | — | — | — | 186 | 24,890 | — | 12,608 | 37,498 | 7,159 | — |
| | | Total .. | 226,928 | — | 14,987 | — | 7,633 | 249,548 | — | 17,500 | 267,048 | 59,088 | 102,268 |

Notes.—Figures in italics represent deductions. Profits or Losses on Trackless Trolleys transferred to the parent

(a) An adjustment has been made in respect of the rents paid for Tramways leased to operating Companies and Authorities. This is rendered necessary by the fact

PART IV.—

| Brought forward from page | Part. | | MILEAGE OF LINES. | | | | | | | CARS IN STOCK. | | | | | Seating Capacity | |
|---------------------------|---------|--------------------------------|--------------------------------------|-----------|-----------|--|--|--|------------------------------|----------------|-------|-------|---------------|--------|------------------|------------------|
| | | | Open for Public Traffic. | | | Siding and Depot Track, reduced to Single Track Miles. | Grand Total reduced to Single Track Miles. | Worked over under Running Powers (Total Route Length). | Classified by Seats per Car. | | | | Total Number. | Total. | | Average per Car. |
| Single. | Double. | Total. | Total Equivalent Single Track Miles. | Up to 40. | 41 to 60. | | | | 61 to 80. | 81 and over. | | | | | | |
| 32 | IVA | TRAMWAYS, Etc. | | | | | | | | | | | | | | |
| 34 | IVB | Local Authorities Companies .. | 2,010.03 | 346.24 | 1,355.44 | 1,701.68 | 3,059.08 | 122.00 | 3,181.08 | 206 | 5,443 | 5,840 | 65 | 11,554 | 717,637 | 62.11 |
| | | Companies .. | 454.37 | 167.17 | 294.34 | 461.55 | 755.95 | 27.80 | 783.75 | 105 | 1,089 | 556 | 17 | 1,767 | 100,644 | 56.96 |
| | | Total .. | 2,464.40 | 513.41 | 1,649.82 | 2,163.23 | 3,815.03 | 149.80 | 3,964.83 | 311 | 6,532 | 6,396 | 82 | 13,321 | 818,281 | 61.43 |
| 43 | VIIIA | TRACKLESS TROLLEYS. | | | | | | | | | | | | | | |
| 43 | VIIIB | Local Authorities Companies .. | — | — | — | 152.98 | — | — | — | — | — | — | — | — | — | — |
| | | Companies .. | — | — | — | 40.72 | — | — | — | — | — | — | — | — | — | — |
| | | Total .. | — | — | — | 193.70 | — | — | — | — | — | — | — | — | — | — |

RAILWAYS AND (b) TRACKLESS TROLLEY UNDERTAKINGS IN GREAT BRITAIN FOR THE YEAR 1930-31. CAPITAL ACCOUNT.

| CAPITAL EXPENDITURE. | | | | | | | | | | | | | | | | | | |
|---|---|---|---------------------------|-----------------------------|-----------------|------------|---------|-----------|-----------|--|---|---------------------------------------|---|--|--|--------------------|----------------------|--------|
| On Tramways or Trackless Trolleys. | | | | | | | | | | | | | | | | | | |
| Works open for Traffic and Rolling Stock. | | | | | | | | | | Lines and Works in course of construction. | Construction or Purchase of Old Lines and Works now superseded. | Other Displaced and superseded Works. | Pre-inary Expenses including Legal and Parliamentary. | Discount and Expenses on Issue of Stock. | Expenditure not capable of Allocation. | Total Expenditure. | On other Businesses. | Total. |
| Electrical Equipment of Line. | Power Stations and Sub-stations (Land, Buildings, Plant, etc.). | Street or Road Improvements (including purchase of land). | Other Land and Buildings. | Cars and Equipment of Cars. | Other Purposes. | Total. | | | | | | | | | | | | |
| 5,288,697 | 5,167,738 | 3,226,808 | 9,345,835 | 14,760,220 | 1,414,821 | 70,187,575 | 116,995 | 8,266,949 | 899,785 | 717,805 | 943,125 | 1,201,220 | 82,333,454 | 8,503,710 | 90,837,164 | | | |
| 1,543,762 | 538,187 | 1,348,551 | 18,980 | 140,344 | 345,599 | 10,944,946 | 6,825 | 938,243 | 139,806 | 1,083,379 | 151,629 | 3,678,128 | 16,942,956 | — | 16,942,956 | | | |
| 6,832,459 | 5,705,925 | 4,575,359 | 10,265,635 | 16,185,373 | 1,760,420 | 81,132,521 | 123,820 | 9,205,192 | 1,039,591 | 1,801,184 | 1,094,754 | 4,879,348 | 99,276,410 | 8,503,710 | 107,780,120 | | | |
| 450,626 | 14,953 | 28,007 | 147,816 | 785,516 | 96,632 | 1,523,550 | — | — | — | 22,097 | — | 69,118 | 1,614,765 | — | 1,614,765 | | | |
| 85,279 | 87,476 | 18,879 | 18,980 | 140,344 | 158 | 351,116 | 11,440 | — | — | 20,509 | — | 274,144 | 657,209 | — | 657,209 | | | |
| 585,905 | 102,429 | 46,886 | 166,796 | 925,860 | 96,790 | 1,874,666 | 11,440 | — | — | 42,606 | — | 343,262 | 2,271,974 | — | 2,271,974 | | | |

in the Tramway figures above, and the Capital Expenditure on Trackless Trolleys is included in the Tramway figures under the heading of "Other Businesses"

REVENUE ACCOUNT.

| EXPENDITURE. | | | | | | | | | | | | | | | | |
|-------------------------------|----------------|-----------|-------------------|--|-----------------------------|-----------------------|--|--|-------------------------|--------|-----------------------------------|-------------------------|---|--|--|--|
| Repairs including of Revenue. | | | Power. | | | | General Expenses. | | | | Through Running Working Expenses. | Total Working Expenses. | Balance to Net Revenue and Appropriation Account, Part III. | | | |
| Cars and Equipment of Cars. | Miscellaneous. | Total. | Traffic Expenses. | Electrical Power Generated by Undertaking. | Electrical Power purchased. | Other Tractive Power. | Rates and Taxes (excluding Income Tax Schedule D.) | Compensation and Accident and Employers' Liability Insurances. | Other General Expenses. | | | | | | | |
| 2,205,420 | 221,608 | 4,050,881 | 8,952,353 | 579,893 | 1,692,682 | 12,141 | 924,165 | 217,025 | 1,266,987 | 46,702 | 17,649,425 | 4,260,137 | | | | |
| 332,758 | 31,968 | 757,325 | 1,271,722 | 79,294 | 325,144 | 5,156 | 75,758 | 30,650 | 223,881 | 48,774 | 2,817,704 | 554,265 | | | | |
| 2,538,178 | 253,571 | 4,808,206 | 10,224,075 | 659,187 | 2,017,826 | 17,297 | 999,923 | 247,675 | 1,490,868 | 2,072 | 20,467,129 | 4,814,402 | | | | |
| 93,326 | 4,829 | 118,087 | 299,726 | 14,369 | 72,240 | — | 19,230 | 9,547 | 42,232 | — | 575,431 | 202,224 | | | | |
| 20,254 | 1,808 | 27,511 | 55,549 | 12,653 | 8,689 | — | 1,777 | 2,130 | 7,757 | — | 116,066 | 24,704 | | | | |
| 113,580 | 6,637 | 145,598 | 355,275 | 27,022 | 80,929 | — | 21,007 | 11,677 | 49,989 | — | 691,497 | 226,928 | | | | |

TRANSACTIONS IN RESERVE, RENEWAL AND DEPRECIATION FUNDS.

| ACCOUNT. | | | | | | | | | | | RESERVE, RENEWAL AND DEPRECIATION FUNDS. | | | | | | |
|------------------------|---|------------------|-----------------------------------|--------------------------------|-----------------|---|-----------|---------------------------------------|---|-------------------------|---|-----------|--------------|--------------------|---------------------------------------|-----------|--|
| Appropriations. | | | | | | | | | | | Income. | | | | | | |
| Income Tax Schedule D. | Reserve (including Depreciation and Renewal Funds). | Relief of Rates. | Capital Works charged to Revenue. | Transfers to other Businesses. | Other Purposes. | Joint Undertakings. Amount available for Interest, Dividends, Debt Redemption, Reserves, Income Tax, etc. | Total. | Balance carried forward to next year. | Balance brought forward from previous year. | Transfers from Revenue. | Other Income (Interest on Investments, etc.). | Total. | On Renewals. | Other Expenditure. | Balance carried forward to next year. | Total. | |
| 307,546 | 1,057,583 | 261,259 | 53,193 | 225,819 | 136,976 | — | 5,751,029 | 319,513 | 5,809,615 | 1,170,673 | 311,088 | 7,291,376 | 665,846 | 782,590 | 5,842,940 | 7,291,376 | |
| 7,559 | 57,607 | — | — | — | 26,559 | 203,198 | 644,303 | 38,203 | — | — | — | 50,078 | — | — | 3,342,504 | — | |
| 315,105 | 1,115,190 | 261,259 | 53,193 | 225,819 | 163,535 | 203,198 | 6,173,484 | 357,716 | 5,809,615 | 1,170,673 | 311,088 | 7,291,376 | 715,924 | 782,590 | 9,185,444 | 7,291,376 | |
| 16,802 | 20,140 | — | 3,964 | 24,909 | 6,609 | — | 228,621 | 2,929 | 58,616 | 19,486 | 1,660 | 79,762 | 11,378 | — | 68,384 | 79,782 | |
| — | 16,649 | — | — | 3,673 | 18,067 | — | 45,548 | 8,050 | 34,192 | 6,692 | — | 40,884 | 34,421 | — | 6,463 | 40,884 | |
| 16,802 | 36,789 | — | 3,964 | 28,582 | 24,676 | — | 272,169 | 5,121 | 92,808 | 26,178 | 1,660 | 120,646 | 45,799 | — | 74,847 | 120,646 | |

Tramway Undertaking are dealt with in both cases under the heading of "Other Businesses."

that such rents are included in the Net Revenue of both the Lessees and the Lessors. The deduction made is the amount included twice in this statement.

STATISTICAL INFORMATION.

| Passengers carried (Number of single journeys paid for). | Car Miles run. | Car Hours worked. | Car Miles per Car hour. | Traction Units of Electricity consumed. | | Average | | | Operating Ratio. | |
|--|----------------|-------------------|-------------------------|---|---------------|----------------------------------|------------------------------|-----------------|------------------|-----------------------------------|
| | | | | Number. | Per Car Mile. | Fare paid per Passenger journey. | Traffic Income Per Car Mile. | Per Route Mile. | | Working Expenditure per Car Mile. |
| 3,891,517,833 | 330,338,578 | 38,641,504 | 8.55 | 736,815,471 | 2.23 | 1.34 | 15.76 | 12.613 | 12.82 | 80.56 |
| 503,012,757 | 53,040,221 | 6,312,227 | 8.40 | 109,030,641 | 2.06 | 1.49 | 14.60 | 6,719 | 12.75 | 83.56 |
| 4,394,530,590 | 383,378,799 | 44,953,731 | 8.53 | 845,846,112 | 2.21 | 1.36 | 15.60 | 11,326 | 12.82 | 80.96 |
| 127,813,526 | 12,881,340 | 1,463,361 | 8.80 | 21,712,353 | 1.69 | 1.43 | 14.39 | 5,050 | 10.72 | 74.00 |
| 28,965,248 | 3,184,115 | 316,247 | 10.07 | 5,265,435 | 1.65 | 1.42 | 10.54 | 3,427 | 8.76 | 82.45 |
| 151,778,774 | 16,065,455 | 1,779,608 | 9.03 | 26,977,788 | 1.68 | 1.43 | 13.63 | 4,709 | 10.33 | 75.29 |