

Public Works (1897) Department.

CONCERNS BOTH BRITISH INDIA
AND INDIAN STATES.

G.O., No. 197 R

DATED 24 March 1897

[Despatch Abstract.]

Capital and Revenue accounts, Kolar
Gold Fields Railway: Letter to the Resident
in Mysore forwarding for the information
of the Darbar certain returns connected
with the — for the 2nd half of 1896.

[illegible]

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

No. 197. R

**PUBLIC WORKS DEPARTMENT,
RAILWAY BRANCH.**

To

THE Resident in Mysore

Bangalore

Madras 24th March 1897.

SIR,

I am directed to forward herewith the following returns for the information of the Mysore Parlor.

(1) True copy of Capital and
Revenue accounts 1897.
Rec^d for the 2nd half of 1896

(2) One Copy of Q.O.N: 183 R
of 15th March 1897 in lodging
the Care of Eccl. Theres...

(3) 5 Copies of reports by the
Chief Auditor Inmates R²
on the Receipts ^{1097.14} for the 2nd L

1/2/87 of 1896 Comparative
(4) One copy the Statistics

25.3.96
 occurred as accompanying:
 Capt. & 2nd Lieut. K 87 together
 with accompanying staff 2
 40151

(No. II.)
No. 8845

248

MADRAS RAILWAY.

AGENT AND MANAGERS' OFFICE,

Madras, 16th March 1897

From

The Ag. Agent and Manager.

M. R. Co.

To

The Consulting Engineer for Railways.

Sir,

Madras.

I have the honour to forward here-
-with the Chief Auditor's Report on the
Company's Accounts and those of Kolar Gold
Fields State Railway and Madras-Ennore
section of the Bezwada-Madras Railway for
the Half year ending 31st December '96 as under:-

- 1 Copy of each with statistics & list of Returns
for yourself
- 50 Copies of each for despatch to the Government
of India - vide your endorsement
N^o 3146 dated 5th October 1896.
- 5 Copies of Report on the K. G. F. State Ry. Accounts
with statistics for transmission to the
Mysore Government.

I have the honour to be,

Sir,

Your most obedient servant,

Henry Clowes

C. No. 1224
Recd. 17/3/97

MAADRAS RAILWAY

MAADRAS RAILWAY.

The Agent and Manager.

To

The Consulting Engineer
for Railways.

Dated

Recd.

No.

188

T. A. No. 173.)

K. G. Fr. Railway

200-196.

Comparative Statistics for the three last Half-years.

No. 1.

General Results.

For the Half-year ending	Gross Earnings.	Expenditure.	Net Revenue.	Percent-age.		Miles open.	Earnings per mile open.	Train Mileage.	Earnings per Train mile.	Expenditure per Train mile.
				Expenditure.	Profit.					
December 1895	83312 3 5	47979 8	35332 11	57.59	42.41	10	8331 3 7	16204	5 2 3	2 1 5
June 1896	70213 1 4	40856 15 11	29356 1 5	58.19	41.81	10	7021 4 11	15856	4 6 10	2 9 3
December "	85103 8 4	51172 12	33930 12 4	60.13	39.87	10	8510 5 8	17090	4 15 8	2 15 11

No. 2.

Earnings under Coaching and Goods Traffic.

For the Half-year ending	Coaching.			Percent- age.	Goods.			Percent- age.	Total.		
	Amount.				Amount.						
December 1895	20,628	8	1	24.83	62,458	11	14	75.17	83,087	3	5
June 1896	21,895	9	1	31.30	48,064	6	5	68.70	69,959	15	6
December "	24,221	3	9	28.55	60,626	13	9	71.45	84,848	1	6

No. 3.

Earnings per mile open.

For the Half-year ending	Coaching.	Goods.
	Amount.	Amount.
December 1895	2062 13 7	6245 13 11
June 1896	2189 8 11	4806 7 1
December "	2422 2	6062 11

No. 4. Passenger Traffic including Excess, Return Fares, Periodical Tickets and Soldiers.

For the Half-year ending	First Class.		Second Class.		Third Class.	
	No.	Amount.	No.	Amount.	No.	Amount.
December 1895	1297	60912 6	5003 1/2	1187 15 3	217255 1/2	17310 7 5
June 1896	1212	53814	5142	1212 14 6	242021	18921 6 10
December "	1387 1/2	62016	4871	1198 8 9	269847 1/2	21237 7 1

Manager

No. 5.

Percentage of Numbers and Percentage of Receipts in each Class.

For the Half-year ending	Per cent. of Numbers.			Per cent. of Earnings.		
	1st Class.	2nd Class.	3rd Class.	1st Class.	2nd Class.	3rd Class.
December 1895	.58	2.24	97.18	3.19	6.22	90.59
June 1896	.49	2.07	97.44	2.60	5.87	91.53
December "	.50	1.77	97.73	2.69	5.20	92.11

No. 6.

Miscellaneous (Coaching).

For the Half-year ending	Parcels.	Passengers' Luggage.	Horses, Carriages and Dogs.	Special Train.
	Amount.	Amount.	Amount.	Amount.
December 1895	16835	967-8	72153	
Revenue Parcels'	9.			
Haulage hire of P.O. Vans	31187			
June 1896	18058	857110	8222	
Revenue Parcels	5142			
Haulage hire of P.O. Vans	961311			
December 1896	184156	797131	8646	
Revenue Parcels	4.			
Haulage hire of P.O. Vans	95134			

No. 7.

Goods Traffic (Merchandise).

For the Half-year ending	MERCHANDISE.				
	Weight.		Amount.		
	Maunds.	Seers.	Rs.	A.	P.
December 1895	1922163	18	61138	14	
Revenue Stores	16187	37	8212	4	
June 1896	11493337	21	47880	1	
Revenue Stores	3600	38	4315	11	
December 1896	1862992	20	60027	13	
Revenue Stores	106088	3	38715	5	

No. 8.

The Weight carried and Amount earned per mile open.

For the Half-year ending	Weight.	Amount.
December 1895	192216	6113142
Revenue Stores	1619	845
June 1896	1149334	4788-1
Revenue Stores	360	465
December 1896	186299	6002126
Revenue Stores	10609	38129

Reddickville

Chief P. I. T.

A. Hunter M.

Madras & Cochin Railway

Comparative Statistics for the three last Half-years.

200-190.

No. 1.

General Results.

For the Half-year ending	Gross Earnings.	Expenditure.	Net Revenue.	Percent-age.		Miles open.	Earnings per mile open.	Train Mileage.	Earnings per Train mile.	Expenditure per Train mile.
				Expen- diture.	Profit.					
June 1896	24,670.41	21,179.58	3,490.83	85.85	14.15	9	274.23	16,223	1.84	1.41
December 1896	36,660.7	29,955.11	6,705.59	81.71	18.29	9	407.55	14,758	2.79	2.5

No. 2.

Earnings under Coaching and Goods Traffic.

For the Half-year ending		Coaching.		Percent- age.	Goods.		Percent- age.	Total.			
		Amount.			Amount.						
June	1896	19936	9	-	81.17	14626	22	18.83	24562	11	2
December	1896.	30188	7		55.45	16242	41	44.55	36460	12	8

No. 3.

Earnings per mile open.

For the Half-year ending	Coaching.		Goods.	
	Amount.		Amount.	
June 1896	274.23	15.29	574.1	3
December 1896	407.55	18.1	1,804.11	1

No. 4. Passenger Traffic including Excess, Return Fares, Periodical Tickets and Soldiers.

For the Half-year ending	First Class.		Second Class.		Third Class.	
	No.	Amount.	No.	Amount.	No.	Amount.
June 1896	588	394.147	2,860	756.112	31,996	18,541.92
December 1896	558	370.103	2,009	572.45	28,487	18,507

No. 5.

Percentage of Numbers and Percentage of Receipts in each Class.

For the Half-year ending	Per cent. of Numbers.			Per cent. of Earnings.		
	1st Class.	2nd Class.	3rd Class.	1st Class.	2nd Class.	3rd Class.
June 1896	.18	.89	98.93	2.01	3.84	94.15
December 1896	.19	.70	99.11	1.91	2.94	95.15

No. 6.

Miscellaneous (Coaching).

For the Half-year ending	Parcels.	Passengers' Luggage.	Horses, Carriages and Dogs.	Special Train.
	Amount.	Amount.	Amount.	Amount.
June 1896	7123	18599	2711	
Revenue Parcels	2215			
Haulage & hire of Post office Vans				
December 1896	1589	71396	2244	
Revenue Parcels	171			
Haulage & hire of Post office Vans				

No. 7.

Goods Traffic (Merchandise).

For the Half-year ending	MERCHANDISE.			
	Weight.		Amount.	
	Maunds.	Seers.	Rs.	A. P.
June 1896	515366	23	4421	7-
Revenue Goods	82544	38	199	83
December 1896	613633	30	14819	6-
Revenue Goods	420541	31	1414	8-

No. 8.

The Weight carried and Amount earned per mile open.

For the Half-year ending	Weight.	Amount.
June 1896	23930	49144
Revenue Goods	9172	2228
December 1896	68182	164697
Revenue Goods	46727	15728

Led Dunsterville

p. 1

Comparative Statistics for the three last Half-years.

No. 1.

General Results.

For the Half-year ending	Gross Earnings.	Expenditure.	Net Revenue.	Percent- age.		Miles open.	Earnings per mile open.	Train Mileage.	Earnings per Train mile.	Expenditure per Train mile.
				Expen- diture.	Profit.					
December 1895	5501571 5 5	2647644 5 11	2853927 15 6	48.13	51.87	8406549 4	127.49	4410	2 1 2	
June 1896	5468400 4 6	2744044 5 2	2724356 5 4	50.18	49.82	8406510	127.55	468	2 2 6	
December "	5411350 11 2	2750915 8 8	2660434 2 6	50.83	49.17	8406442 10 10	124.52	458	2 5 3	

No. 2.

Earnings under Coaching and Goods Traffic.

For the Half-year ending	Coaching.	Percent-age.	Goods.	Percent-age.	Total.
	Amount.		Amount.		
December 1895	2370761.79	43.79	3043481.27	56.21	5414242.10
June 1896	2344745.1	43.69	3023149.49	56.31	5367894.59
December "	2237359.9	42.23	3060221.38	57.77	5297581.68

No. 3.

Earnings per mile open.

For the Half-year ending	Coaching.	Goods.
	Amount.	Amount.
December 1895	2822.54	3.62331
June 1896	2791.510	3.507129
December "	2663.84	3.64311

No. 4. Passenger Traffic including Excess, Return Fares, Periodical Tickets and Soldiers.

For the Half-year ending	First Class.		Second Class.		Third Class.	
	No.	Amount.	No.	Amount.	No.	Amount.
December 1895	10379	115949.810	42243	145611.0	4199010	1700431.310
June 1896	101472	10182511.7	37631	124461.79	4657061	1818076.153
December "	10324	97236.22	379472	11913211.8	4573246	1736153.18

No. 5.

Percentage of Numbers and Percentage of Receipts in each Class.

For the Half-year ending	Per cent. of Numbers.			Per cent. of Earnings.		
	1st Class.	2nd Class.	3rd Class.	1st Class.	2nd Class.	3rd Class.
December 26, 1895	.25	.99	98.76	5.65	7.10	87.25
June 1896	. . .	.80	98.98	4.98	6.09	88.93
December 26, 1896	.24	.82	98.96	4.98	6.10	88.92

No. 6.

Miscellaneous (Coaching).

For the Half-year ending	Parcels.	Passengers' Luggage.	Horses, Carriages and Dogs.	Special Train.
	Amount.	Amount.	Amount.	Amount.
December 26, 1895	147,925.74	77,498.10	52,041.11	11,672.8
Revenue Parcels	56,715.			
Freight hire of P. O. Vans	27,023.5			
June 1896	145,245.54	78,180.22	48,912.11	2,550.
Revenue Parcels	23,776.10			
Freight hire of P. O. Vans	25,545.43			
December 26, 1896	144,579.82	70,266.78	42,075.23	
Revenue Parcels	23,443.8			
Freight hire of P. O. Vans	23,872.38			

No. 7.

Goods Traffic (Merchandise).

For the Half-year ending	MERCHANDISE.			
	Weight.		Amount.	
	Maunds.	Seers.	Rs.	A. P.
December 26, 1895	117,446.47	53 3/4	24,637.44	29
Revenue Stores	32,400.94	26	59,913.	
June 1896	115,749.09	10 3/4	29,347.89	82
Revenue Stores	31,524.07	36	54,852.44	
December 26, 1896	124,384.93	25	29,670.06	105
Revenue Stores	32,468.38	25		1

No. 8.

The Weight carried and Amount earned per mile open.

For the Half-year ending	Weight.	Amount.
December 26, 1895	13,982	3,528 43
Revenue Stores	3,917	71 54
June 1896	13,780	3,493 129
Revenue Stores	3,753	65 410
December 26, 1896	14,808	3,532 25
Revenue Stores	3,830	72 9

No. 9.

Materials.

For the Half-year ending.	Materials.		Per cent. of Gross Receipts.
	Weight.	Amount.	
December 1895	36,726 18	40,881 13	.07
June 1896	15,876 25	18,451 37	.03
December "	14,479 35	16,105 11	.05

No. 10.

Miscellaneous (Goods Traffic).

For the Half-year ending.	Cattle.	Demurrage.
	Amount.	Amount.
December 1895	8,549 38	7,180 53
June 1896	23,015 8 10	7,646 22
December "	19,043 33	9,899 10

No. 11.

Abstract of Expenditure.

	For the Half-year ending.			Per cent. of Revenue.		
	December 1895	June 1896	December 1896	December 1895	June 1896	December 1896
To Maintenance of Way Works and Stations ...	583,099 48	609,639 64	646,542 12 10	10.60	11.15	11.93
„ Locomotive Power ...	102,907 58	105,026 9 45	105,145 29 10	18.71	19.21	19.43
„ Repairs of Carriages and Wagons ...	291,120 - 7	310,430 41	305,538 - 11	5.29	5.64	5.65
„ Traffic Expenses ...	409,760 7 2	445,372 14 6	416,454 5 10	7.45	8.14	7.69
„ General Charges ...	285,228 15 3	288,769 44	286,821 5 4	5.18	5.28	5.30
„ Special and Miscellaneous Expenses ...	49,257 23	39,563 13 6	45,106 5 11	.90	.72	.83
Total...	2,647,541 5 11	2,744,104 15 2	2,750,915 8 8	48.13	50.18	50.86

List of Statements to be forwarded to Board

- Form Nos 1-18 of the series issued by the Government of India.
Balance sheet for the half year ending 31st December 1896.
Statement of Capital Receipts and Expenditure to 31st Decr 1896
as per Secretary's letter dated 21st October 1893.
Details of Cash Expenditure on the purchase of stores and
issues of stores on Capital and Revenue Accounts.
Fire Insurance Fund Account.
Shopper Statement.
Statement of stores in transit.
The Agt. Agent & Manager in account with the London Office.
Memo of Materials Lost Account.
Memo of Short Landings.
Memo in explanation of Short Landings.
Statement of Wood fuel.
Statement of payments made in England for quarter ending
31st December 1896.
31 Certificates of Agt. Chief Engineer, Locomotive Superintendent,
Agt. Traffic Manager, Telegraph Engineer, General Storekeeper,
Manager Perambur School and Cashier of Cash balances
against them with a Memo attached.
32 Certificates of the Bank of Madras and Cashier regarding
Government and other Securities of the Fire Insurance
Fund, Sick and Allowance Fund, Employe's Guarantee
and Contractors' Security Funds & Provident Institution.
33 Certificates of Cash balances in the Bank of Madras and
Government of India Special Funds Account with
reconciliation statement attached.
34 Copies of bills for stores sold, recovered during quarter
ending 31st December 1896.
35 Outwards and Inwards Traffic at each Station. (to follow)
36 Number and Mileage of passengers &c., weight and
Mileage of Goods.

Classification of Goods Nos. (in duplicate).
Low Mileage of Coaching and Goods Traffic.
Commodities interchanged with Foreign Railways.
Average Composition of Trains.
Analysis of Traffic.

Six Printed Copies of the Government series of Acc^{ts} (Manuscript signature)

One do do do (to follow)

Six do do do Analysis of Working do

Comparative Statistics Nos. 1 to 11.

Statement to be forwarded to the Consulting Engineer

14 Copies of Outward & Inward traffic at each Station. (to follow)

Madras
2nd March 1897

Red. Duntewille
Chief Auditor

Comptroller

Madras Railway

*Statistics and List of
Returns forwarded with
the Chief Auditor's Report
for the Half year ending
31st December 1896*

Despatched - 15th March 1897

88. The following particulars show in detail the Capital outlay of the half-year :—

ALTERATIONS AND ADDITIONS TO STATIONS AND STATION YARDS.

	RS.	A.	P.	RS.	A.	P.
Perambur	20,837	15	10			
Podanur	13,175	12	7			
Nandalur	12,156	8	1			
Jalarpet	11,980	13	6			
Washermanpet	9,858	5	1			
Mangapatnam	6,341	15	7			
Bisanattam	6,210	12	9			
Rayapuram	4,721	12	9			
Bangalore City	3,671	9	2			
Gudupalli	3,659	6	8			
Tiruvallur	3,136	10	3			
Bowringpet	2,797	15	10			
Arkonam	2,721	11	10			
Nagari	1,803	14	5			
Manur	1,204	2	5			
Mettupalaiyam	1,074	6	11			
Vinnamangalam	1,010	15	5			
Other Stations	2,224	8	9			
				1,08,589	5	10
5 Houses for Native Station and Assistant Station Masters				3,840	5	6
12 Huts for Police Force on Bangalore Branch				1,547	4	9
Alteration of distant signals				1,538	4	6
Masonry piers for five 50' openings at $\frac{179}{1}$ mile N. W. Line				1,530	13	7
Private siding for Tile Works, Palghat Branch, near Olavakkot				1,318	11	2
Strengthening bridge at $\frac{107}{10-11}$ mile				1,100	6	11
Watering arrangements at 204 mile S. W. Line				1,089	13	8
Laying new permanent way over timber bridges				39,338	0	6
Electric Telegraph				1,477	7	7
				1,61,370	3	6
Plant—						
Locomotive Shop Plant	14,460	12	4			
Stations and Office Furniture	1,405	2	2			
				15,865	14	6
Rolling Stock—						
2 Tank wagons 15 tons for conveying oil				2,552		
1 Support wagon for 15-ton crane				734		
2 Composite carriages				4,067	12	7
Fitting automatic brake gear to engines and carriages				9,147	8	9
25 Timber trucks				30,521	13	7
4 Composites, 20 third-class carriages, 2 third-class carriages with brakes, and 2 ordinary brake-vans				25,560	6	1
Fitting steam sanding gear				51	6	6
Fitting 10 Engines with vacuum brake				8,279	6	1
Fitting carriages with vacuum brake				1,311		
2 Composites Road				9,456	4	1
				Rupees ...	2,68,883	11 2

89. The following is a summary of the operations on the Store Accounts during the half-year :—

Stores balances at 30th June 1896	RS.	A.	P.
	23,36,856	5	5
Add Receipts—			
From England	Rs. 3,88,709	3	0
„ Local purchases	„ 11,74,033	14	1
	15,62,743	1	1
Deduct Issues—			
Capital Account	Rs. 1,98,163	14	5
Revenue „	„ 10,06,300	1	5
By Sales	„ 1,82,311	13	11
	13,36,780	13	9
Stores balances at 31st December 1896	Rupees...	25,62,819	8 9

90. The following particulars show the balances of the several Store accounts at 30th June and 31st December 1896 :—

	30th June 1896.	31st December 1896.
General Store Account	...Rs. 3,57,370	Rs. 3,35,763
Locomotive Store and Workshop Account...	„ 12,67,391	„ 14,71,375
Engineering do. do. ... „	5,53,994	„ 5,18,550
All other, including stores in Transitu ... „	1,58,102	„ 2,37,130
Total Rs.	23,36,857	Rs. 25,62,818

91. These figures show an increase for the six months of Rs. 2,25,961 in the amount of Capital locked up in Stores, the increase being wholly under Locomotive stores and stores in Transitu.

92. The total of Rs. 25,62,818 includes Rs. 3,44,600, the value of returned stores, of which Rs. 2,29,500 represents returned stores of the Engineering Department as against Rs. 2,54,000 on 30th June 1896.

REVENUE.

93. The percentage of expenditure to gross earnings for the past three half-years has been as under:—

December 1895	...	...	...	48·13 per cent.
June 1896	...	...	...	50·18 "
December 1896	...	...	...	50·83 "

94. The net Revenue amounts to Rs. 26,60,935-2-6 as compared with Rs. 28,53,829-15-6 in the corresponding half of 1895. It gives at 1s. 10d. per rupee, £243,919-1-2, equal to £2-4-1 per cent. for the half-year on the Capital bearing interest at the 31st December 1896, viz., £11,057,630.

95. The net earnings fall short of the guaranteed interest by £22,449-9-10, and after providing for interest on Debentures, the balance is equivalent to a dividend at the rate of £4-10-3 per cent. per annum on the subscribed capital of the Company, as will be seen from the following figures:—

Total amount of net earnings	...	...	...	£ 243,919	1	2
Interest as follows:—						
£ 60,000 at $2\frac{3}{4}$ per cent. per annum...	£	825	0	0		
£ 337,800 „ 3 „ „ „ ...	£	5,067	0	0		
£ 402,200 „ $3\frac{1}{4}$ „ „ „ ...	£	6,535	15	0		
					12,427	15 0
Balance ..	£	231,491	6	2		

Equivalent to £4-10-3 per cent. per annum on £10,257,630.

96. The following results of our traffic operations in the way of dividend are continued from the last report:—

Period.		Miles open:	Capital raised at 31st December.	Net Revenue.		Average per cent per annum for periods of 5 years, &c.			
			£	£	s.	d.	£	s.	d.
Average for 5 years, 1871-75	...	845	10,280,682	235,549	1	0	2	6	0
" 1876-80	...	858	10,526,673	224,439	17	6	2	2	9
" 1881-85	...	860	10,638,258	245,448	10	6	2	6	1
" 1886-90	...	842	10,697,630	327,998	6	9	3	1	3
" 1891-95	...	840	11,017,630	448,194	19	8	4	1	4
The Year 1896	...	840	11,057,630	493,651	12	6	4	9	3

97. With reference to para. 101 of my half-year's report to 30th June 1896, the outstanding balance of surplus profits has been received and will be mentioned in my report for the current (June 1897) half-year.

93. The Revenue account for the half-year under review shows a decrease in gross earnings of Rs. 89,520 while the working expenses have increased by Rs. 1,03,375, net earnings therefore show a decrease of Rs. 1,92,895, or 6.76 per cent.

99. The decrease in the earnings is entirely in the coaching traffic, all other heads of traffic showing an increase.

100. The amount charged to Revenue for "loss by exchange" on the cost of Revenue stores and Home expenditure was Rs. 1,81,938, being Rs. 7,031 less than in the corresponding period of 1895, the rate of exchange being 14·345*d.* per rupee, which is 0·226*d.* above the rate for December 1895 half-year.

101. The following particulars are taken from the accounts of the Kolar Gold Fields Railway :—

Receipts—					Rs.		
From Coaching traffic	...	...	...	...	Rs.	24,221	3 9
" Goods	...	...	...	...	"	60,626	13 9
" Electric Telegraph	...	...	...	...	"	106	3 0
" Sundries	...	...	...	...	"	149	3 10
Total					Rs.	85,103	8 4

Expenses—	Rs.	46,917	9	2	
Madras Railway for cost of working ...	"	4,255	2	10	
for use of rolling stock.					51,172 12 0
Net Revenue...	Rs.	33,930	12	4	

equal to a return of over 9 per cent. per annum on the Capital outlay, including suspense, of the Mysore Durbar, which is stated at Rs. 7,45,004.

102. The following particulars are taken from the accounts of the Madras-Ennur section of the Bezwada-Madras Railway :—

Receipts--					R.	20,218	8	7
From Coaching traffic	...	...	...	...	"	16,242	4	1
" Goods "	...	...	...	...	"	15	10	0
" Electric Telegraph	...	...	...	...	"	183	9	11
" Sundries	...	...	...	...	"			
				Total R.	...	36,660	0	7

Expenses—				
Actual cost of Engineering Maintenance...	Rs.	13,558	2	9
Madras Railway percentage proportion for				
other expenses	„	14,312	1	2
Hire of rolling stock, &c.	„	2,085	0	0
			29,955	3 11
Net Revenue...	Rs.	6,704	12	8

This is equal to a return at the rate of 2.32 per cent. per annum on the Capital outlay (exclusive of charge for capitalization of Land revenue) Rs. 5,78,560.

The total expenditure, exclusive of engineering maintenance, on the combined undertakings, the Madras, Kolar Gold Fields and Madras-Ennur lines works out to Rs. 1-11-1 per train-mile run, while the sum of Rs. 14,312-1-2 recovered by the Company from the Madras-Ennur line represents only Rs. 0-15-6 per train-mile on the 14,758 train-miles run for that Branch.

Earnings.

103. Abstract H, Coaching Traffic, Form No. X of the accounts, presents the following results when compared with the corresponding half-year :—

Abstract H.	December 1895	...	...	...	Rs.	A.	P.
Do.	1896	...	...	...	23,70,761	7	9
		...	...	...	22,37,359	9	0
Decrease		...	...	...	1,33,401	14	9

104. The details of the above Results are given in the following table :—

TRAFFIC.	Half-year ending December, 1895.			Half-year ending December, 1896.			Increase.			Decrease.		
	RS.	A.	P.	RS.	A.	P.	RS.	A.	P.	RS.	A.	P.
Ordinary Passengers, 1st Class.	1,05,752	2	10	90,148	10	5	...	...	...	15,603	8	5
Periodical	1,753	4	0	2,114	3	3	360	15	3	...	...	...
2nd Class	1,02,808	15	10	99,621	14	7	...	...	...	3,187	1	3
Periodical	3,204	0	0	2,318	8	1	...	...	...	885	7	11
3rd Class	17,34,440	9	3	16,97,506	4	8	...	...	...	36,934	4	7
Periodical	2,336	8	0	2,445	0	7	108	8	7	...	...	...
Troops and Police, 1st Class...	8,484	2	0	4,973	4	6	...	...	...	3,510	13	6
2nd Class...	89,598	1	1	17,192	5	0	...	...	...	22,405	12	1
3rd Class...	53,654	2	7	36,181	12	5	...	...	...	17,472	6	2
Passengers' Luggage	55,584	10	3	58,834	14	11	3,250	4	8	...	...	...
Carriages	12,480	6	0	9,179	14	3	...	...	...	3,300	...	...
Horses	36,190	13	5	25,302	15	2	...	...	...	10,887	14	3
Dogs	2,002	14	4	2,872	8	11	869	10	7	...	...	...
Parcels	1,47,925	7	4	1,44,519	8	3	...	...	...	3,405	15	1
Do. for Revenue	2,567	15	0	2,844	3	8	276	4	8	...	...	...
Special Trains	11,672	8	0	1,280	0	0	...	...	...	10,392	8	0
Miscellaneous	601	12	8	714	3	1	112	6	5	...	...	...
Haulage and hire of Post Office Vans	27,023	5	0	23,872	3	8	...	...	...	3,151	1	4
MILITARY.												
Military baggage	21,914	0	8	11,431	8	9	...	...	...	10,482	7	11
Carriages	...	...	...	65	13	0	65	13	0	...	...	...
Horses	671	15	0	3,859	15	0	3,188	0	0	...	...	...
Dogs, &c.	93	14	6	79	12	10	...	...	...	14	1	8
	23,70,761	7	9	22,37,359	9	0	8,231	15	2	1,41,633	13	11
Deduct Increase	...	...	...	...	...	...	8,231	15	2	...	...	...
Net Decrease	...	...	...	...	...	...	1,33,401	14	9	...	...	...

105. The ordinary Coaching Traffic, ascertained by eliminating all Troops and Police, and Military items of traffic is continued from the last Report—

	RS.	A.	P.
December 1880	...	...	...
June 1881	...	...	...
December 1881	...	...	...
June 1882	...	...	...
December 1882	...	...	...
June 1883	...	...	...

				Rs.	A.	P.
December 1883	...	...	...	12,73,014	2	7
June 1884	...	...	...	14,10,745	4	7
December 1884	...	...	...	13,85,847	11	7
June 1885	...	...	...	14,63,321	5	7
December 1885	...	...	...	15,29,401	15	10
June 1886	...	...	...	15,02,885	3	6
December 1886	...	...	...	15,49,747	3	4
June 1887	...	...	...	15,84,759	3	3
December 1887	...	...	...	15,31,357	3	9
June 1888	...	...	...	16,61,024	2	10
December 1888	...	...	...	17,13,097	12	10
June 1889	...	...	...	17,81,789	6	8
December 1889	...	...	...	17,75,541	7	2
June 1890	...	...	...	17,64,039	8	10
December 1890	...	...	...	18,19,560	1	1
June 1891	...	...	...	17,68,118	0	7
December 1891	...	...	...	16,52,970	14	10
June 1892	...	...	...	17,24,126	14	10
December 1892	...	...	...	18,03,769	5	4
June 1893	...	...	...	19,49,056	4	11
December 1893	...	...	...	18,72,896	13	4
June 1894	...	...	...	19,27,016	3	8
December 1894	...	...	...	20,47,177	7	9
June 1895	...	...	...	23,03,421	12	8
December 1895	...	...	...	22,46,345	3	11
June 1896	...	...	...	22,79,220	11	1
December 1896	...	...	...	21,63,575	1	6

106. Statement showing 3rd and 4th Class Receipts minus Troops and Police from 1873 to December, 1896.

PERIOD.	3rd-Class Single Journey, excess, Return Journey and Season Tickets.			4th or Cooly Class.			Total 3rd and 4th Classes.		
	RS.	A.	P.	RS.	A.	P.	RS.	A.	P.
Half-year ending June 1873	8,54,760	15	9	93,640	13	0	9,48,401	12	9
December 1873	8,41,653	1	4	1,08,073	9	0	9,49,726	10	4
June 1874	7,89,366	1	11	1,13,226	15	0	9,02,593	0	11
December 1874	8,31,655	4	7	1,18,789	11	0	9,50,444	15	7
June 1875	7,32,250	15	8	1,68,858	13	0	9,01,109	12	8
December 1875	6,72,465	4	6	1,73,676	13	0	8,46,142	1	6
June 1876	7,16,531	11	6	2,03,373	9	0	9,19,905	4	6
December 1876	7,41,657	1	7	2,19,170	13	0	9,60,827	14	7
June 1877	6,38,448	12	8	2,42,352	2	6	8,80,800	15	2
December 1877	8,79,633	13	10	1,20,088	11	0	9,99,722	8	10
June 1878	9,01,376	1	3	67,642	11	0	9,69,018	12	3
December 1878	8,04,743	8	3	1,14,829	12	0	9,19,573	4	3
June 1879	6,35,114	10	2	2,65,729	13	0	9,00,844	7	2
December 1879	9,29,071	10	9	...	...	...	9,29,071	10	9
June 1880	9,04,920	9	10	...	...	...	9,04,920	9	10
December 1880	8,96,463	1	1	...	...	...	8,96,463	1	1
June 1881	9,52,306	12	1	...	...	...	9,52,306	12	1
December 1881	9,43,731	12	9	...	...	...	9,43,731	12	9
June 1882	9,72,568	4	7	...	...	...	9,72,568	4	7
December 1882	10,05,113	6	2	...	...	...	10,05,113	6	2
June 1883	10,10,789	4	7	...	...	...	10,10,789	4	7
December 1883	9,61,665	0	1	...	...	...	9,61,665	0	1
June 1884	10,58,699	12	8	...	...	...	10,58,699	12	8
December 1884	10,47,457	10	4	...	...	...	10,47,457	10	4
June 1885	10,95,135	7	6	...	...	...	10,95,135	7	6
December 1885	11,65,264	9	5	...	...	...	11,65,264	9	5
June 1886	11,59,983	9	10	...	...	...	11,59,983	9	10
December 1886	11,84,455	6	3	...	...	...	11,84,455	6	3
June 1887	12,20,247	9	0	...	...	...	12,20,247	9	0
December 1887	11,61,859	8	10	...	...	...	11,61,859	8	10
June 1888	12,48,832	15	11	...	...	...	12,48,832	15	11
December 1888	13,34,289	7	9	...	...	...	13,34,289	7	9

PERIOD.			3rd-Class Single Journey, excess, Return Tickets.			4th or Cooly Class.			Total 3rd and 4th Classes.		
			RS.	A.	P.	RS.	A.	P.	RS.	A.	P.
Half-year ending	June	1889	13,57,252	6	7	...	...	...	13,57,252	6	7
"	December	1889	13,92,223	13	3	...	...	...	13,92,223	13	3
"	June	1890	13,69,221	5	1	...	...	...	13,69,221	5	1
"	December	1890	14,48,927	4	1	...	...	...	14,48,927	4	1
"	June	1891	14,00,154	9	11	...	...	...	14,00,154	9	11
"	December	1891	12,73,641	14	9	...	...	...	12,73,641	14	9
"	June	1892	13,53,452	15	6	...	...	...	13,53,452	15	6
"	December	1892	14,11,625	15	5	...	...	...	14,11,625	15	5
"	June	1893	15,37,298	5	4	...	...	...	15,37,298	5	4
"	December	1893	14,57,772	11	4	...	...	...	14,57,772	11	4
"	June	1894	15,09,595	15	2	...	...	...	15,09,595	15	2
"	December	1894	15,78,599	10	11	...	...	...	15,78,599	10	11
"	June	1895	18,29,510	14	1	...	...	...	18,29,510	14	1
"	December	1895	17,36,777	1	3	...	...	...	17,36,777	1	3
"	June	1896	17,86,841	4	8	...	...	...	17,86,841	4	8
"	December	1896	16,99,951	5	3	...	...	...	16,99,951	5	3

107. The number, mileage and earnings of 3rd-Class Ordinary traffic, leaving out Troops and Police are as follows:—

PERIOD.			Number.	Mileage.	Earnings.		
					RS.	A.	P.
Half-year ending	December	1879	1,774,690	76,638,889½	(a)	9,29,071	10 9
"	June	1880	1,964,346	79,706,402	(b)	9,04,920	9 4
"	December	1880	1,943,145	86,424,275		8,96,463	1 1
"	June	1881	2,111,075	91,844,076		9,52,306	12 1
"	December	1881	2,067,218½	90,818,781		9,43,731	12 9
"	June	1882	2,189,409	93,761,162		9,72,568	4 7
"	December	1882	2,046,457	96,895,425		10,05,113	6 2
"	June	1883	2,195,218½	97,623,795		10,10,789	4 7
"	December	1883	2,150,308	97,581,832	(c)	9,61,665	0 1
"	June	1884	2,593,543	108,370,675		10,58,699	12 8
"	December	1884	2,488,817	108,124,439		10,47,457	10 4
"	June	1885	2,639,473½	112,860,077		10,95,135	7 6
"	December	1885	2,798,556	121,224,909		11,65,264	9 5
"	June	1886	2,928,490	120,522,393		11,59,988	9 10
"	December	1886	3,288,543½	135,980,143	(d)	11,84,455	6 3
"	June	1887	3,543,684½	140,170,209		12,20,247	9 0
"	December	1887	3,372,135½	133,848,628		11,61,859	8 10
"	June	1888	3,724,290	142,695,239	(e)	12,48,832	15 11
"	December	1888	3,951,553½	151,690,598		13,34,289	7 9
"	June	1889	4,198,943	155,414,335		13,57,252	6 7
"	December	1889	4,218,179	159,361,635		13,92,223	13 3
"	June	1890	4,184,208	156,902,111	(f)	13,69,221	5 1
"	December	1890	4,133,756½	162,833,527	(g)	14,48,927	4 1
"	June	1891	4,206,099½	156,004,790		14,00,154	9 11
"	December	1891	3,919,473	148,726,896	(h)	12,73,641	14 9
"	June	1892	4,259,953½	159,063,622		13,53,452	15 6
"	December	1892	4,487,133	165,641,362		14,11,625	15 5
"	June	1893	4,998,677	180,292,338		15,37,298	5 4
"	December	1893	4,675,724	170,719,562		14,57,772	11 4
"	June	1894	4,954,351	177,046,939		15,09,595	15 2
"	December	1894	5,048,748	185,288,555		15,78,599	10 11
"	June	1895	4,314,512	166,901,011	(i)	18,29,510	14 1
"	December	1895	4,327,774	157,966,610	(k)	17,36,777	1 3
"	June	1896	4,814,350½	162,524,803		17,86,841	4 8
"	December	1896	4,727,778½	155,332,652		16,99,951	5 3

- Note.—(a). Half-year ending 1879, 2 pies for Ordinary trains from 1st July, 1879, and 4 pies for Mail trains.
 (b). Half-year ending June, 1880, 2 pies are charged for Ordinary trains and 4 pies for Mail trains for first four months, and 2 pies by all trains for the last 2 months, viz., from 1st May, 1880.
 (c). Fare and half for Return tickets from 1st October, 1883.
 (d). One and half pies for single journey passengers for Ordinary trains and 2 pies for Mail trains, but to and from stations between Podanur and Mettupalaiyam and Podanur and Beypore, 1½ pies rate charged by Mail trains.
 (e). Half-year ending June, 1888, on and after 5th March, 1888, 2 pies are charged for passengers booked to and from stations west of Podanur by Mail trains except that for stations on the Nilgiri and Palghat branches the fares by Mail trains are 1½ pies per mile.
 (f). From 1st March, 1890, the fares by Mail trains throughout the Line are 2 pies per mile.
 (g). From 1st October, 1890, the fares by Mail train throughout the line are 3 pies per mile.
 (h). From 1st August, 1891, the fares by Mail trains are 2½ pies per mile except that for stations between Podanur and Calicut and Palghat branches the fares by Mail trains are 1½ pies per mile.
 (i). From 1st January 1895 the fares by Mail trains between Podanur and Olavakkot and between Tirur and Calicut are raised from 1½ to 2½ pies per mile and between Olavakkot and Tirur from 1½ to 2 pies per mile.

The fares by ordinary trains all over the line are increased from 1½ to 2 pies.

- (k). From July 1895, the above figures include periodical ticket traffic as number of trips, instead of number of tickets issued.

108. The Receipts from Parcels traffic (Public) during the past ten years have been as follows:—

			RS.			A. P.		
Half-year ending	December	1886	...	...	...	1,00,021	9	5
"	June	1887	...	...	...	99,437	10	6
"	December	1887	...	...	...	1,10,502	0	8
"	June	1888	...	...	...	1,13,351	13	6
"	December	1888	...	...	...	1,22,872	15	4
"	June	1889	...	...	...	1,14,325	6	2
"	December	1889	...	...	...	1,22,051	4	4
"	June	1890	...	...	...	1,06,372	12	1
"	December	1890	...	...	...	1,23,187	6	8
"	June	1891	...	...	...	1,04,585	8	4
"	December	1891	...	...	...	1,18,642	12	8
"	June	1892	...	...	...	1,01,956	0	11
"	December	1892	...	...	...	1,34,095	5	1
"	June	1893	...	...	...	1,15,188	2	4
"	December	1893	...	...	...	1,49,422	7	5
"	June	1894	...	...	...	1,30,321	15	4
"	December	1894	...	...	...	1,67,055	9	8
"	June	1895	...	...	...	1,33,435	13	3
"	December	1895	...	...	...	1,47,925	7	4
"	June	1896	...	...	...	1,42,225	5	4
"	December	1896	...	...	...	1,44,519	8	3

109. It will be seen from a comparison of the several heads of Abstract I, that the following have been the fluctuations which have led to the net increase of Rs. 16,740-11-1.

TRAFFIC.	Half-year ending December 1895.			Half-year ending December 1896.			Increase.			Decrease.		
	RS.	A.	P.	RS.	A.	P.	RS.	A.	P.	RS.	A.	P.
1. Merchandise, General	27,23,008	9	9	27,13,848	10	5	...	...	...	14,159	15	4
2. Military Stores	37,946	14	0	43,474	14	0	5,528	0	0	...	...	...
3. Railway Materials	4,088	13	0	1,610	5	11	...	...	...	2,478	7	1
4. Coal	2,11,514	6	0	2,26,004	0	0	14,579	10	0	...	...	...
5. Revenue Stores	46,192	14	11	48,251	2	1	58	3	2	...	...	...
6. Live Stock	8,674	13	0	12,370	9	0	3,695	12	0	...	...	...
7. Military Live Stock	3,201	2	0	2,412	10	6	5,613	12	6	...	...	...
8. Rents and Demurrage	7,180	5	3	9,899	10	0	2,719	4	9	...	...	...
9. Interest on Outstanding Bills	...	...	...	...	...	...	...	...	...	...	...	...
10. Miscellaneous	3,075	8	8	4,259	15	9	1,184	7	1	...	...	...
TOTAL	30,43,481	2	7	30,60,221	13	8	33,379	1	6	16,638	6	5
Deduct Decrease							16,638	6	5			
Net Increased							16,740	11	1			

110. The following table prepared from the Analysis will show the progress of our business and the economy observed in conducting it:—

TRAFFIC.	June 1884.	Dec. 1884.	June 1885.	Dec. 1885.	June 1886.	Dec. 1886.	June 1887.	Dec. 1887.	June 1888.	Dec. 1888.	June 1889.	Dec. 1889.	June 1890.	Dec. 1890.	June 1891.	Dec. 1891.	June 1892.	Dec. 1892.	June 1893.	Dec. 1893.	June 1894.	Dec. 1894.	June 1895.	Dec. 1895.	June 1896.	Dec. 1896.
Total earnings per train-mile ..	Rs. 3,419	Rs. 3,280	Rs. 3,483	Rs. 3,389	Rs. 3,553	Rs. 3,459	Rs. 3,587	Rs. 3,448	Rs. 3,584	Rs. 3,552	Rs. 3,778	Rs. 3,608	Rs. 3,977	Rs. 3,757	Rs. 3,802	Rs. 3,612	Rs. 3,811	Rs. 3,828	Rs. 4,064	Rs. 3,888	Rs. 4,081	Rs. 4,171	Rs. 4,53	Rs. 4,31	Rs. 4,38	Rs. 4,34
" Working expenses per train-mile ..	1,953	1,993	2,004	1,926	2,086	2,129	2,267	2,289	2,093	2,097	2,128	2,405	2,109	1,948	2,220	2,034	2,147	2,086	1,880	1,965	2,089	2,181	2,13	2,08	2,21	2,22
Total net earnings per train-mile..	1,466	1,287	1,479	1,463	1,517	1,330	1,320	1,159	1,491	1,455	1,650	1,563	1,868	1,809	1,582	1,578	1,664	1,742	2,184	1,923	1,992	1,990	2,40	2,23	2,17	2,12
COACHING TRAFFIC.																										
Average sum received for carrying a unit one mile.	Pies.	Pies.	Pies.	Pies.	Pies.	Pies.	Pies.	Pies.	Pies.	Pies.	Pies.	Pies.	Pies.	Pies.	Pies.	Pies.	Pies.	Pies.	Pies.	Pies.	Pies.	Pies.	Pies.	Pies.	Pies.	Pies.
First class ..	14,30	13,05	14,90	13,09	13,95	11,81	15,29	10,50	13,54	10,95	14,67	9,37	11,66	10,16	11,21	9,73	10,32	10,32	10,18	9,94	11,65	10,42	10,46	10,37	11,55	9,83
Second class ..	5,93	6,03	5,96	5,85	5,56	5,97	6,03	5,51	6,10	5,58	5,51	5,21	5,33	4,52	5,48	5,16	5,29	5,34	5,18	4,92	5,25	5,19	5,01	4,72	4,52	4,98
Lowest class ..	1,88	1,86	1,87	1,85	1,85	1,66	1,66	1,67	1,70	1,70	1,68	1,68	1,68	1,72	1,73	1,65	1,63	1,64	1,64	1,64	1,64	1,64	2,10	2,11	2,11	2,10
Average for all classes ..	2,13	2,09	2,11	2,05	2,06	1,83	1,86	1,86	1,92	1,87	1,87	1,81	1,84	1,83	1,90	1,81	1,78	1,79	1,78	1,79	1,80	1,78	2,26	2,30	2,27	2,26
Average cost of hauling a Coaching unit one mile.	89	95	93	93	96	98	110	121	103	101	99	107	90	91	109	103	104	103	82	90	92	89	90	96	99	104
Per passenger unit ..	1,24	1,14	1,13	1,12	1,10	90	76	65	89	86	88	74	94	95	81	78	74	76	96	89	88	89	136	134	128	122
Average profit per passenger ..	32,55	28,89	36,95	34,46	35,35	35,01	36,53	36,27	35,59	37,30	39,25	35,31	38,60	37,60	39,77	37,34	37,92	38,88	39,07	32,21	37,66	31,32	36,98	35,69	36,80	35,22
Average sum received for other coaching traffic per ton per mile.	13,47	13,06	15,21	14,16	15,25	15,68	15,57	16,80	13,49	13,46	14,06	14,39	12,17	11,81	14,00	12,52	13,29	11,81	11,16	9,31	11,96	9,12	11,11	9,92	11,32	10,67
Average cost of hauling other coaching traffic per ton per mile.	19,08	15,83	21,74	20,30	20,10	19,33	20,66	19,47	22,10	23,84	25,19	20,92	26,43	25,79	25,77	24,82	24,63	25,07	27,91	22,90	25,70	22,20	25,87	25,77	25,28	24,55
Average profit per ton ..	7,75	7,69	7,93	7,65	7,76	7,50	7,73	7,75	7,83	7,79	7,50	7,00	7,83	7,49	7,42	7,16	8,33	8,27	8,12	8,25	8,57	8,52	8,46	8,34	8,49	8,43
GOODS TRAFFIC.																										
Average sum received for carrying a ton one mile ..	5,29	5,57	5,16	5,00	5,00	5,25	5,23	5,38	4,91	5,02	4,73	4,88	4,13	4,05	4,46	4,25	4,63	4,41	3,76	4,30	4,58	4,67	4,38	4,48	4,72	4,70
Average cost of hauling a goods unit, viz., one ton one mile ..	2,46	2,12	2,77	2,65	2,76	2,34	2,53	2,37	2,92	2,77	3,17	2,72	3,70	3,44	2,96	2,91	3,70	3,86	4,36	3,45	3,99	3,85	4,08	3,86	3,77	3,75

* Including Kolar Gold Fields State Railway. and Madras-Emer Railway.

111. The following Classification of all Goods carried is designed to shew Country and Foreign Trade:—

DESCRIPTION.	Half-year ending December 1895.		Half-year ending December 1896.	
	Maunds.	Rupees.	Maunds.	Rupees.
COUNTRY TRADE.				
Food Grains	2,519,471	6,12,928	2,955,018	6,36,533
Miscellaneous articles for Domestic consumption	2,061,128	5,97,543	1,955,629	5,53,564
Salt and Saltpetre	765,125	1,59,717	659,983	1,39,680
Materials used in Building, Construction and Manufacture	2,370,980	3,35,668	2,204,768	2,80,706
Cloths, Piece Goods and Twist (Indian)	172,592	81,085	168,974	74,929
Sundries	945,996	3,65,902	1,066,659	4,03,155
Total...	8,835,292	21,52,843	9,011,031	20,88,567
FOREIGN TRADE.				
Exports or Colonial Produce... ..	1,296,890	5,21,591	1,359,818	5,42,915
Imports, Cloths, Piece Goods and Twist (European)	71,997	40,535	79,335	42,833
European Stores for consumption in India	123,302	49,923	137,103	52,397
Coal and Coke for the Public	1,413,389	1,97,789	1,463,674	2,09,683
Do. for the Company	357,653	13,725	581,045	16,411
Railway Materials, &c.	40,004	5,152	402,012	32,222
Total...	3,303,235	8,28,715	4,022,987	8,96,461
Grand Total...	12,138,527	29,81,558	13,034,018	29,85,028

112. The following Statement is framed to give a comparison of the Internal Trade, (sub-divided into Food Grains and other Commodities) and the External or Foreign Trade (Exports or Imports) passing over the Railway for a series of years:—

PERIODS.	COUNTRY TRADE.				Foreign Trade, Exports or Imports.		Railway Stores.		TOTAL.	
	Food Grains.		Other Commodities.							
	Weight.	Amount.	Weight.	Amount.	Weight.	Amount.	Weight.	Amount.	Weight.	Amount.
	Maunds.	Rupees.	Maunds.	Rupees.	Maunds.	Rupees.	Maunds.	Rupees.	Maunds.	Rupees.
December 1876	6,418,865	15,09,576	8,276,612	17,24,504	1,961,615	10,20,858	31,521	4,791	16,718,613	42,59,729
Do. 1877	20,037,072	47,11,730	5,526,394	17,51,285	1,323,601	5,65,916	36,818	6,159	26,931,000	66,88,330
Do. 1878	6,068,324	12,59,187	6,897,239	15,83,706	1,508,633	6,72,187	38,055	4,646	14,484,016	35,18,162
Do. 1879	5,724,530	12,24,775	10,068,871	16,84,744	1,791,713	7,66,609	27,769	3,755	17,904,113	44,68,263
Do. 1880	3,553,664	6,58,852	11,107,066	17,94,168	1,876,213	7,99,068	51,461	8,685	15,131,501	38,68,506
Do. 1881	3,877,162	6,38,158	8,070,509	18,42,019	2,112,658	8,52,893	85,805	16,013	14,076,536	35,02,419
Do. 1882	3,380,180	6,44,323	7,131,950	20,54,220	2,676,042	10,35,624	2,723	528	13,188,855	32,92,874
Do. 1883	3,153,585	4,90,871	8,168,934	21,47,050	2,679,301	9,82,154	5,067	1,087	12,942,827	32,44,048
Do. 1884	4,757,712	7,03,707	8,628,133	22,07,239	3,044,239	9,05,763	2,242,349	716,531	15,190,416	38,17,837
Do. 1885	5,392,637	7,60,500	9,320,806	23,08,174	2,366,882	7,83,519	612,079	2,16,169	17,859,695	44,17,545
Do. 1886	4,919,219	7,42,809	9,505,486	22,55,441	3,070,405	10,77,417	977,516	2,80,148	18,337,239	45,78,242
Do. 1887	4,764,534	7,00,158	11,045,625	24,08,793	3,022,418	10,77,268	556,794	8,813	19,364,057	47,67,867
Do. 1888	5,397,284	8,55,062	11,414,388	25,09,664	2,796,380	10,41,747	1,335,291	1,95,899	20,946,062	50,69,565
Do. 1889	5,993,788	11,08,772	11,610,840	25,13,396	3,348,244	12,13,195	859,999	1,97,146	22,975,986	56,84,916
Do. 1890	6,233,007	10,96,066	12,956,764	25,85,619	3,532,286	12,80,920	1,004,857	1,88,837	24,515,069	61,52,590
Do. 1891	7,316,784	14,15,899	11,428,971	25,85,640	3,039,242	11,73,211	1,406,171	1,406,171	26,921,222	67,54,982
Do. 1892	6,250,715	13,20,407	11,291,235	27,89,039	4,706,829	13,65,830	871,355	35,269	28,699,116	73,26,310
Do. 1893	7,195,917	16,31,950	11,684,042	29,37,169	5,561,551	15,57,186	817,187	30,858	30,518,115	77,41,406
Do. 1894	5,070,000	11,65,590	11,926,771	30,26,752	6,090,168	16,35,151	292,626	8,013	32,945,304	83,77,482
Half-year ending June 1895	2,416,549	6,15,478	6,349,401	16,17,511	3,294,080	8,98,565	10,004	1,159	14,170,595	35,34,737
Do. Dec. 1895	2,519,471	6,12,028	6,315,821	15,80,915	3,263,231	8,23,763	10,004	1,159	14,170,595	35,34,737
Do. June 1896	2,009,795	4,73,819	6,538,677	15,78,014	3,304,163	8,91,950	29,194	3,419	12,942,827	32,44,048
Do. Dec. 1896	2,955,018	6,36,533	6,056,013	14,52,034	3,620,975	8,61,229	102,012	12,159	17,859,695	44,17,545

The total in the foregoing for the past half-year, viz., Rupees 29,85,028 is made up from items in Abstract I of the Revenue Account, thus:—

1. Merchandise	Rs. 27,13,819
2. Military Stores	43,475
3. Railway Materials	1,610
4. Coal for the Public, &c.	2,26,094
	Rs. 29,85,028

113. The following are the chief Commodities interchanged with Foreign Railways working with the Madras Railway in the half-year under review, and the corresponding half-year in 1896:—This statement shows an increase in weight of 46,486 tons and in amount of Rs. 2,23,780 during the past half-year.

DESCRIPTION OF COMMODITY.	TO AND FROM FOREIGN RAILWAYS.	
	Half-year ending December 1895.	Half-year ending December 1896.
	Tons.	Tons.
I. COAL AND COKE CARRIED FOR THE PUBLIC AND FOREIGN RAILWAYS	48,140	50,704
II. COTTON RAW	2,706	1,068
III. COTTON MANUFACTURED—		
1. Twist and Yarn, European	353	468
2. Do. Indian	1,840	1,146
3. Piece Goods, European	277	430
4. Do. Indian	1,815	1,749
IV. DRUGS AND CHEMICALS—		
1. Intoxicating, other than Opium	...	74
2. Non-intoxicating—		
(a). Cinchona bark	327	447
(b). Others	4,460	4,552
V. IVORY AND TANS—		
1. Indigo	199	104
2. Myrobolans	145	162
3. Cutch	531	327
4. Turmeric	3,992	4,385
5. Aniline dyes	...	51,624
6. Others	44,757	...
VI. GRAIN AND PULSE—		
1. Wheat	1,550	1,735
2. Rice in the husk	2,029	4,561
3. Rice not in the husk	4,634	8,753
4. Jawar and Bajra	3,079	14,762
5. Gram and Pulse	9,174	5,108
6. Others	9,125	11,276
VII. HIDES AND SKINS—		
1. Hides of Cattle—		
(a). Dressed or tanned	74	115
(b). Raw	1,136	1,842
2. Skins of Sheep, &c.—		
(a). Dressed or tanned	1,614	1,550
(b). Raw	6,063	5,933
VIII. HONEY	...	...
IX. JUTE—		
1. Raw	1,386	1,327
2. Gunny bags and Cloth	...	...
X. LAC—		
1. Stick	...	...
2. Shell	45	64
XI. LEATHER MANUFACTURED	...	...
XII. LIQUORS—		
1. Beer	908	977
2. Spirits	718	1,124
3. Wines	35	32
XIII. METALS—		
1. Copper, unwrought	...	...
2. Brass, unwrought	177	108
3. Copper, wrought	2,483	3,479
4. Brass, wrought	94	150
5. Iron	...	...
6. Others	...	...
XIV. OILS—		
1. Kerosene	1,222	1,075
2. Castor	619	836
3. Coconut	156	86
4. Others	877	766
Carried forward...	106,054	128,156
	7,34,381	8,86,149

DESCRIPTION OF COMMODITY.	TO AND FROM FOREIGN RAILWAYS.			
	Half-year ending December 1895.		Half-year ending December 1896.	
	Tons.	Rs.	Tons.	Rs.
Brought forward...	106,054	7,34,581	128,155	8,46,119
XV. OIL SEEDS—				
1. Linseed ...	186	1,684	...	...
2. Rape and Mustard ...	6,994	49,117	6,968	...
3. Til or Jingili ...	...	...	...	...
4. Poppy ...	668	1,228	1,087	...
5. Earthnuts ...	1,360	10,016	1,026	...
6. Castor ...	2,447	16,943	2,686	...
7. Others ...	...	...	...	...
XVI. OPIUM ...	...	...	...	...
XVII. PAPER AND PASTE BOARD ...	51	933	...	1,000
XVIII. PROVISIONS—				
1. Ghee ...	497	6,651	306	5,422
2. Dried fruits and nuts ...	650	4,605	193	1,965
3. Others ...	7,880	66,105	8,078	69,506
XIX. RAILWAY PLANT AND ROLLING STOCK carried for the Public and Foreign Railways.				
1. Loco. Engines and Tenders and parts thereof ...	...	...	...	...
2. Carriages and Truck and parts thereof ...	...	...	...	...
3. Materials ...	41	563	13,952	29,502
(a). Steel Rails and fish plates...	...	...	...	...
(b). Sleepers and keys of steel and cast iron ...	...	...	...	...
(c). Other sorts ...	...	...	...	...
XX. SALT ...	3,068	14,812	2,588	12,224
XXI. SALTPETRE, &c.—				
1. Saltpetre ...	...	...	...	...
2. Other Saline substances ...	...	...	...	...
XXII. SILK, RAW—				
1. Foreign ...	...	1,180	58	1,262
2. Indian ...	57	...	...	...
XXIII. SILK, PIECE GOODS—				
1. Foreign ...	...	...	...	...
2. Indian ...	...	...	...	...
XXIV. SPICES—				
1. Betel nuts ...	2,408	27,000	2,167	25,483
2. Pepper ...	323	5,161	360	4,040
3. G ...	129	1,501	107	913
4. C ...	539	4,608	678	6,066
5. Cardamoms ...	...	1,667	499	3,108
6. Others ...	261	...	...	...
XXV. STONE AND LIME ...	2,205	7,689	5,534	14,832
XXVI. SUGAR—				
1. Refined or crystallized including Sugarcandy ...	1,283	10,346	1,340	13,618
2. Unrefined, viz., Molasses and Jaggery or gur and other Saccharine produce ...	3,270	20,904	5,237	35,727
XXVII. TEA—				
1. Foreign ...	42	2,685	44	1,761
2. Indian ...	...	...	...	...
XXVIII. TIMBER ...	18,113	88,823	20,712	64,798
XXIX. TOBACCO—				
1. Unmanufactured ...	758	7,696	1,222	10,950
2. Manufactured—				
(a). Cigars ...	272	3,778	365	5,084
(b). Other sorts ...	371	3,739	217	2,095
XXX. WOOL, RAW ...	88	554	60	576
XXXI. WOOL, MANUFACTURED—				
1. Piece Goods, European ...	172	2,094	186	2,365
2. Piece Goods, Indian ...	...	...	...	...
3. Shawls ...	...	...	...	...
XXXII. ALL OTHER ARTICLES OF MERCHANDISE ...	10,401	1,55,538	12,540	2,02,684
TOTAL...	170,593	12,53,233	217,079	14,77,013

114. The interchange of Passenger Traffic with the Railways that are connected with Madras Railway is given in the following table, and shows an increase in number by 60,612½ and decrease in amount of Rupees 4,268-4-5 as compared with the corresponding half-year :—

PASSENGERS' TRAFFIC.		TO AND FROM FOREIGN RAILWAYS.					
		Half-year ending December 1895.			Half-year ending December 1896.		
		No.	Amount.		No.	Amount.	
			RS.	A. P.		RS.	A. P.
Passengers ...	1st Class ...	3,191	38,366	6 5	3,788	35,677	11 3
" ...	2nd Class ...	7,504½	36,079	3 5	8,496½	37,991	10 7
" ...	3rd Class ...	317,004	3,29,935	1 10	376,973	3,56,296	1 8
Soldiers ...	1st Class ...	544½	5,111	8 0	606	4,334	7 6
" ...	2nd Class ...	6,937	25,618	9 0	6,592½	15,295	13 0
" ...	3rd Class ...	17,471½	41,835	5 1	14,556	22,068	13 7
Return Fares ...	1st Class ...	116	1,414	1 0	164	1,455	5 0
" ...	2nd Class ...	204	1,211	7 0	307	1,589	1 0
" ...	3rd Class ...	3,232	270	2 6	5,533	320	9 3
Excess ...	1st Class ...	...	643	2 0	...	1,173	11 0
" ...	2nd Class ...	...	112	5 0	...	96	11 3
" ...	3rd Class ...	...	199	7 6	...	268	7 3
TOTAL ..		356,205½	4,80,836	10 9	416,818	4,76,568	6 4

Expenditure.

115. The notes against each head of Expenditure in the following table shew, generally, in a comparative form, the work done in each department for each half-year :—

DEPARTMENTS.	HALF-YEAR ENDING DECEMBER 1895.			HALF-YEAR ENDING DECEMBER 1896.		
	Work of Departments.	Cost.	Per cent.	Work of Departments.	Cost.	Per cent.
ABSTRACT A. Maintenance of Way, Works and Stations ...	Ms. chs. ft. 1,031 51 23½	Rs. A. P. 5,92,736 6 1	10-77	Ms. chs. ft. 1,046 47 40½	Rs. A. P. 6,71,986 1 4	12-14
ABSTRACT B. Locomotive Expenses ...	Gross Mileage of Engines, 1,527,332 Number of Engines under repair at any one time, 37.	10,43,070 0 6	19-02	Gross Mileage of Engines, 1,519,722 Number of Engines under repair at any one time, 35.	10,75,796 15 11	19-44
ABSTRACT C. Carriage and Wagon Expenses ...	Number of Vehicles under repair at any one time, 257. Number con- structed and renewed, 65.	2,95,929 10 2	5-38	Number of Vehicles under repair at one time, 249. Number con- structed and renewed, 109.	3,12,593 3 2	5-65
ABSTRACT D. Traffic Expenses ...	Profitable Train Mileage, 1,294,663 Number of Stations, 153.	4,16,527 13 11	7-57	Profitable Train Mileage, 1,275,064 Number of Stations, 160.	4,25,836 7 11	7-70
ABSTRACT E. General Charges ...	Miles 850.	2,90,020 10 11	5-27	Miles 858.	2,93,612 7 5	5-31
ABSTRACT F. Special and Miscellaneous Expenditure ...	...	50,070 10 7	91	...	52,213 4 10	94
TOTAL...		26,91,355 4 2		TOTAL...	28,32,043 9 7	

Railway Schools.

116. The particulars of attendance and cost of all Railway Schools during the half-year as under:—

NAME OF SCHOOL.	Number on Register.	Average attendance.	Expenditure.			Receipts.			Net Cost.		
			RS.	A.	P.	RS.	A.	P.	RS.	A.	P.
Perambur	133	101.98	(a) 2,276	11	11	538	10	0	1,738	1	11
Arkonam	23	16.50	342	5	2	48	10	8	293	10	6
Katpadi	17	12.03	291	9	9	29	10	6	261	15	3
Jalarpet	56	43.66	991	9	11	332	5	2	659	4	9
Salem	26	19.07	824	1	7	160	13	8	663	3	11
Podanur	55	46.50	1,237	1	9	294	3	0	942	14	9
Renigunta	15	11.33	458	13	1	60	4	0	398	9	1
Gooty	60	51.32	1,052	1	1	347	4	1	704	13	0
Raichur	23	19.24	972	7	5	425	8	11	546	14	6
Railway School Library	...	...	60	0	0	...	...	...	60	0	0
Ry. Grant to Katpadi School (private)	...	...	2	14	5	...	...	...	2	14	5
TOTAL	...	...	8,509	12	1	2,237	6	0	6,272	6	1

(a). The expenditure on Perambur School includes the cost of Gymnastic Instructors.

Madras Railway Provident Institution.

117. The following details are given in continuation of those contained in my report for the half-year ending 30th June 1896:—

Number of Subscribers.

	On 30th June 1896.	On 31st December 1896.
Obligatory	3,190	3,299
Voluntary	81	78
TOTAL	3,271	3,377

Amount at credit at 31st December 1896:—

	RS.	A.	P.
Obligatory	6,45,900	5	0
Voluntary	57,269	12	9
Bonus	21,166	0	9
Profit and Loss Account... ..	6,387	4	7
Reserve Fund	8,550	7	0
Subscribers, Old Provident Fund	1,425	10	0
TOTAL... ..	7,40,699	8	1

The above bonus has been included in the accounts of the half-year under review.

The following Securities were purchased during the half-year:—

Bombay Municipal Sanitary Works	Rs. 15,000
Bombay Port Trust Debentures	1,00,000
Madras Municipal Debentures	2,000
Government Securities	10,000

Staff.

118. Mr. T. H. Woodliffe, 4th Assistant Auditor, resigned on the 26th December 1896.

119. A list of statements forwarded is herewith annexed.

Yours faithfully,

F. DUNSTERVILLE,
Chief Auditor.