

Public Works (1890) Department.

RAILWAY BRANCH.

G.O., No. 349-50 *Ry.*

DATED 12th March.

[Despatch Abstract.]

Statistics to the return of accidents, Madras Ry.—

*Ordered that the — for fourth quarter of 1889,
be forwarded to the Director-Genl. of Railways.*

Forwarded

TABLE No. I.

Number of Persons reported during the 4th quarter of 1890 as killed or injured on the Madras and South Indian Railways open for Traffic in India, distinguishing between Passengers, Railway Servants, and other persons; and distinguishing also, in the case of the two former classes, between Accidents happening from causes beyond their own control and Accidents happening otherwise.

Under what Government.	Mean Mileage open.	Railways.	PASSENGERS.						RAILWAY SERVANTS, OF SERVANTS OF CONTRACTORS.						OTHER PERSONS.								Total, all Classes.	
			From causes beyond their own control.		From their own misconduct or want of caution.		Total.		From causes beyond their own control.		From their own misconduct or want of caution.		Total.		Whilst passing over Railways at level crossings.		Trespassers and Suicide.		Miscellaneous not included in previous columns.		Total.			
			a.		b.		c.		d.		e.		f.		g.		h.		i.		k.			
			Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		
		Madras Railway			1	3	1	3				19		19			3		1		4		5	22
		South Indian Railway				1		1			1	14		14	1	2	2				3	2	4	17

MADRAS,
26th January 1891
A

(a) and (b)—Totals for each Railway from Parts I and II.
(c)—The figures in this column should tally with the totals in Table 2, column (a).
(d) and (e)—Totals for each Railway from Parts I and III.
(f)—The figures in this column should tally with the Totals in Table 2, column (b).
(g), (h) and (i)—Totals for each Railway from columns (c), (d) and (e), from Part II.
(k)—The figures in this column should tally with the totals in Table 2, column (c).
(l)—Totals of each Railway should tally with the totals in Table 2, column (d).

A. B. G. Chellay
Major, R.E.,
for Consulting Engineer for Railways.

TABLE No. 2.

Number of Persons reported during the 4th quarter of 1897 as killed or injured on the Railways open for Traffic in the Madras Presidency, distinguishing between Passengers, Railway Servants, and other persons, and classifying as far as practicable, the nature and causes of the accidents occasioning the death or injury.

		PASSENGERS.														SERVANTS.														OTHERS.						REMARKS.																											
		FROM PART II.													(a)	FROM PART III.													(b)	FROM PART II.					(d)																												
																														(c)																																	
Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.		Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.		Killed.	Injured.	Killed.	Injured.																														
From accidents to trains, &c., see Table No. 4 or Part I.																																From accidents to trains, &c., see Table No. 4 or Part I.																															
From falling between carriages and platforms.																																From falling between carriages and platforms.																															
Falling on to the platform, ballast, &c., when getting into or out of trains.																																Falling on to the platform, ballast, &c., when getting into or out of trains.																															
Whilst crossing the line at stations.																																Whilst crossing the line at stations.																															
By closing the doors of carriages.																																By closing the doors of carriages.																															
Falling out of carriages during the travelling of trains.																																Falling out of carriages during the travelling of trains.																															
Other accidents.																																Other accidents.																															
Total from Part II.																																Total from Part II.																															
Total Passengers.																																Total Passengers.																															
From accidents to trains, &c., see Table No. 4 or Part I.																																From accidents to trains, &c., see Table No. 4 or Part I.																															
During shunting operations.																																During shunting operations.																															
Falling off engines, vans, wagons, &c.																																Falling off engines, vans, wagons, &c.																															
Coming in contact with over-bridges, &c., during the travelling of trains																																Coming in contact with over-bridges, &c., during the travelling of trains																															
Coming in contact while shunting with vehicles, &c., standing in adjoining lines.																																Coming in contact while shunting with vehicles, &c., standing in adjoining lines.																															
Getting on or off trains, engines, &c.																																Getting on or off trains, engines, &c.																															
Whilst loading, unloading, or sheeting.																																Whilst loading, unloading, or sheeting.																															
Whilst breaking, spragging, or chocking wheels.																																Whilst breaking, spragging, or chocking wheels.																															
Whilst working at cranes or capstans.																																Whilst working at cranes or capstans.																															
Whilst working on the permanent way or in sidings.																																Whilst working on the permanent way or in sidings.																															
Whilst walking along the line on the way home or to work.																																Whilst walking along the line on the way home or to work.																															
Whilst walking, crossing or standing on the line.																																Whilst walking, crossing or standing on the line.																															
Whilst passing between vehicles.																																Whilst passing between vehicles.																															
Whilst attending to the machinery of engines, cleaning them, &c.																																Whilst attending to the machinery of engines, cleaning them, &c.																															
Whilst attending to gates at level crossings.																																Whilst attending to gates at level crossings.																															
Falling or being caught between vehicles and platforms.																																Falling or being caught between vehicles and platforms.																															
Falling off ladders, scaffolds, platforms, &c.																																Falling off ladders, scaffolds, platforms, &c.																															
By falling of lamps, wagon doors, timber, weight, &c.																																By falling of lamps, wagon doors, timber, weight, &c.																															
Whilst coupling or uncoupling wagons.																																Whilst coupling or uncoupling wagons.																															
Miscellaneous.																																Miscellaneous.																															
Total from Part III.																																Total from Part III.																															
Total Servants.																																Total Servants.																															
Whilst passing over the line at level-crossings.																																Whilst passing over the line at level-crossings.																															
Trespassers.																																Trespassers.																															
Suicides.																																Suicides.																															
Miscellaneous.																																Miscellaneous.																															
Total Others.																																Total Others.																															
Total all classes.																																Total all classes.																															

(a), (b), (c) and (d).—The totals for each Railway should tally with the totals in columns (c), (f), (k), and (l) in Table I.

24 January 1898

A. V. G. Chetty Esq.
Major, R. E.,
for Consulting Engineer for Railways.

* These figures do not include traffic on the Pondicherry Railway in French Territory.

A. B. G. Shelley Lieut
for Consulting Engineer for Major R. E.

TABLE No. 3.

Accidents to Trains, Rolling Stock, Permanent Way, &c., reported during the 4th quarter of 1889 as having occurred on the Railways open for traffic in the Madras Presidency, distinguishing the different Classes of Accident and the number of Passengers and others, and of Railway Servants killed or injured in each Class of Accident.

FROM PART I. (SEE ALSO TABLE 4.)									
MADRAS RAILWAY.					SOUTH INDIAN RAILWAY.				
No.	Number of Passengers and others.		No.	Total all Classes.		No.	Number of Passengers and others.		Total all Classes.
	Killed.	Injured.		Killed.	Injured.		Killed.	Injured.	
Collisions between passenger trains or parts of passing trains	..	..	..	..	..	..	..	..	..
Collisions between passenger trains and goods or mineral trains, engines, and vehicles standing foul of the line	..	..	..	..	..	..	..	..	..
Collisions between goods trains or parts of goods trains	..	..	3	..	..	4	..	..	..
Collisions between light engines	..	..	..	..	..	..	..	..	..
Passenger trains or parts of passenger trains leaving the rails	..	..	1	..	..	..	..	..	..
Goods trains or parts of goods trains, engines, &c., leaving the rails	..	..	8	..	..	8	..	..	..
Trains or engines travelling in the wrong direction through points	..	..	..	..	..	..	..	..	..
Trains running into stations or sidings at too high a speed	..	..	..	..	..	2	..	..	..
Trains running over cattle on the line	..	..	7	..	..	21	..	..	..
Trains running over obstructions on the line	..	..	2	..	..	..	..	..	..
Trains running through gates at level crossings	..	..	2	..	..	1	..	..	..
The bursting of boilers of engines	..	..	..	..	..	..	..	..	..
The bursting of tubes, &c., of engines	..	..	..	..	..	3	..	..	..
The failure of machinery, springs, &c., of engines	..	..	..	..	..	3	..	..	..
" " of tyres	..	..	..	..	..	..	..	..	..
" " of wheels	..	..	..	..	..	..	..	..	..
" " of brake apparatus	..	..	..	..	..	..	..	..	..
" " of couplings	..	..	..	..	..	..	..	..	..
" " of tunnels, bridges, viaducts, culverts, &c.	..	..	..	..	..	..	..	..	..
Broken rails	..	..	..	..	..	..	..	..	..
The flooding of portions of permanent way	..	..	..	..	..	..	..	..	..
Slips in cuttings or embankments	..	..	..	3	..	1	..	..	..
Fire in trains	..	..	..	3	..	..	..	..	..
Fire at stations, or involving injury to bridges or viaducts	..	..	..	1	..	..	..	..	..
Other accidents	..	..	..	..	..	5	..	..	..
Total all Classes	30	..	..	..	..	52	..	..	..
Number of passenger miles	..	..	..	..	..	..	..	..	..
Number of servants employed	..	..	..	..	..	..	..	..	..
Train mileage of all descriptions	..	..	..	..	..	..	..	..	..

South Indian Railway
3,999,128
607
34,980
** These figures do not include traffic on the Pondicherry Railway in French Territory.*

MADRAS,

24th January 1890.

A. D. G. Shelley
Surveyor, R.E.,
for Consulting Engineer for Railways.

PART I.

Return of Accidents to Trains, Rolling Stock, Permanent Way, &c., reported by the Madras and South Indian Railways during the 4th quarter of 1889, together with the Number of Persons killed and injured thereby.

N.B.—The Spark-arrester in use on the Madras Railway is known as the Madras Railway pattern. The Spark-arrester in use on the South Indian Railway is known as Sheward's pattern.

Date of Accident.	Nature and Cause of Accident.	Classification.	PASSENGERS.			RAILWAY SERVANTS.			Total of all Classes.
			From causes beyond their own control.	From their own misconduct or want of caution.	From causes beyond their own control.	From their own misconduct or want of caution.	From causes beyond their own control.	From their own misconduct or want of caution.	
Month.	Day.		Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.
October	1 st	While a goods train was being formed at Podanur station, eight vehicles which were shunted at points in the Rayapuram station yard.							
	3 rd	The trailing wheels of an engine were derailed close to points in Bangalore Boulevard station yard owing to a defect in the road.							

No.

PART V.

List of Deaths of Passengers in Carriages and Stations on the Madras and South Indian Railways during the 4th quarter of 1889, from causes unconnected with the working of the Line.

No.	Particulars.	Date.	Assigned cause.	SEX.		Age.	REMARKS.
				Female.	Male.		
1	The corpse of a native passenger was removed from a goods train at Kandyam station.	Oct 6 th	"Natural Causes"	"	1	30 years	
1	On arrival of a passenger train at Madras a 3 rd class passenger was found dead.	" 8 th	"Death from choking"	"	1	50 years	
1	On arrival of a passenger train at Jolarpet station a 3 rd class passenger was found dead.	Nov 19 th	Fear and dropsey	1	1	28 years	
1	On arrival of a mixed train at Tadur station a Mahomedan passenger was found dead.	Dec 4 th	Stomach ache	"	"	45 years	
1	On arrival of a mixed train at G. S. station a 3 rd class passenger, who was travelling with his wife and children, was found dead.	" 26 th	"Natural Causes"	"	1	60 years	

Ad. G. Shelley
Sd. Consulting Engineer for Imp.

Madras
21st Decy 1889

Madras, 24th January 1890.

Return of accidents on the Madras and South Indian Railways, for the 4th quarter of 1889.

No. 59.

SUBMITTED for the information of Government, and for transmission to the Director General of Railways.

2. Information as to passenger miles, &c., &c., awaited from the Agent, Madras Railway, will be submitted on receipt.

3. It is requested that thirty copies of the General Return of accidents for

for all railways in India may be obtained for distribution to the Agents and for records in this Office.

A.B.S. Shetty Lieut. R.C.
for Comd. Engr. for C.P.

B. No. 145 R 27th Jan'y 1900.
Form No. 3.

From

THE CONSULTING ENGINEER,
FOR RAILWAYS,

MADRAS,

No. 59

Dated 24th

Received 24th

Jan'y: 1890.

No. of ENCLOSURES. 6 (in duplicate).

Subject.

Submitting for the information of
Govt. and for transmission to the S. & P. Agents of
Accidents on the Madras and S. P. Ry. for the 4th
qr. of 1889.

NOVS
24.1.90

B.

No. 145-46 R 27th Jan'y 1900.

Orders that the following
letter be forwarded to the
Director General of Railways.

No. 146 R 27th Jan'y: 1890

No.

The Director General of Railways,

Sir,

In forwarding in

original Return of accidents on
the Madras and South Indian
Railways for the 4th quarter
of 1889. I am directed to request
that this Government may
be furnished with 40 copies of
the General Return of accidents
for all Railways in India.

2. The statistics as to passenger
mileage &c for the Madras Railway
will, on receipt, be forwarded.

C.L.P.
27/1/1900
R

recd

P. U. C. No. 732

Consgr. Engr.'s No. 13.

OFFICE OF CONSULTING ENGINEER FOR RAILWAYS,
Madras, 4th March 1890.

No. 163.

MEMORANDUM.

With advertece to para 2 of this
office endorsement no 59 dated 24 January
the undersigned has the honour to
submit the following figures having
reference to the Return of Accidents
Madras Railway for the 4th quarter
of 1889.

Number of passengers killed — 81,994,641.
— do — servants employed — 6,638.
Train mileage of all description — 596,129.
Mileage of all description of Railway open — 839.
Number of passengers carried — 2,087,547.

2. Since the submission of the above
endorsement, the Agent, South Indian
Railway has asked that 1131 may be
added to the number of train miles
shown

Shew under the South Indian Railway
for the 4th quarter of 1889.

Sidney Smith
Esq. J.P.

For Mr. J. J. J. J. J.

18

8,

do).

20 of
4 3/4

L.

The Joint-Secretary to Government
Public Works Department
Railway Branch

B. No. 349 R of 12th March 1900.

Form No. 3.

CS 3. 9th
10th Mar
10th Mar

Ordered to be

forwarded to the Director
General of Railways in
continuation of letter from
this Government No. 146 R
dated 27th January 1890.

H. E. No. 350 R of 12th March 1890.

Forwarded.

CS
S. J. G.
R

No. 145-6 R of 27-1-90.

12/3

From

P.W.C. No. 2362

THE CONSULTING ENGINEER

FOR RAILWAYS,

MADRAS,

No.

163.

Dated

7th

March 1890.

Received

7

No. of ENCLOSURES. Nil.

Subject.

Submitting sketches to the Director
of Railways, Madras Railway, for the H.E. of 1889

B.

No. 349-50 R of 12th March 1900

R

21/3

12/3

No. 8-3-90 R 10-3-90