Public Works (1898) Department.

RAILWAY BRANCH.

G.O., No. 580. Rys

DATED 18th April 1898

[Despatch Abstract.]

Return of accidents on Indian Rys

Govt. of India orders on the Note by the Director of Railway Traffic dated 17th March 1898, with abstract — for the nine months ending the 30th Septr 1897. Comm^d to the Rys Concerned

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[P. W. 25. 250—24-3-98.]

Indexed. 25/4/98

BACK PAPERS.

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

FURTHER PAPERS.

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

Public Works (1898) Department.

Railway

CURRENT No. 451

B

B/

From The Govt of India

Order No. 580. dy dated 18/4/98

No. 153 R. Stat

Communicated G.A.M;
A; & N. Ry: for information.

Dated 22nd March 1898

Received } 29. 3. 98

Registered }

Enclosures

Spare copies

CW

R.

R

SUBJECT.

Returns of accidents on Indian railways for the nine months ending with the 30th September 1897

To

The Agent & Manager, M. Ry. 12
" " , S. I. Ry. 10
" & the Engr., Nilgiri Ry. 4
" Govt Engr: for Rys.

Note by the Director of Railway Traffic dy 17. 3. 98 with abstract ——

21/4/98

BACK PAPERS.

No.	Date.

FURTHER PAPERS.

No.	Date.

Enclosure to Government of India Order No. 153 R. Stat., dated the 22nd March 1898.

INDIAN RAILWAYS.

ABSTRACT RETURNS OF ACCIDENTS DURING THE NINE MONTHS ENDING WITH THE 30TH SEPTEMBER 1897.

G. I. C. P. O.—No. 1176 P. W. D.—23-3-98.—612.—F. C. C.

ABSTRACT No. 1.

General Total.

Number of persons reported, during the nine months ending with the 30th September 1897, as killed or injured on all 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 caused by accidents to trains, rolling stock, permanent-way, etc., and accidents happening otherwise.

	Standard gauge lines.		Metre gauge lines.		Special gauge lines.		Total all gauges.	
	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
Passengers:—								
From accidents to trains, rolling stock, permanent-way, etc.	6	82	16	23	...	...	22	105
By accidents from other causes, including accidents from their own want of caution or misconduct	30	119	5	53	...	...	35	172
Servants:—								
From accidents to trains, rolling stock, permanent-way, etc.	10	17	5	15	...	...	15	32
By accidents from other causes, including accidents from their own want of caution or misconduct	125	201	36	58	1	3	162	262
Other persons:—								
Whilst passing over railways at level-crossings	8	7	11	4	1	1	20	12
Trespassers	293	81	106	54	2	2	401	137
Suicides	122	6	14	1	1	...	137	7
Miscellaneous, not included in either of the above	7	1	6	2	...	...	13	3
Total	601	514	199	210	5	6	805	730

NUMBER of PERSONS reported, during the NINE MONTHS ending with the 30th September 1897, as KILLED or INJURED in INDIA

ABSTRACT

PASSENGERS, RAILWAY SERVANTS, and OTHER PERSONS, and classifying, as far as practicable,

No. 2.

by the TRAVELLING of TRAINS or the MOVEMENT of VEHICLES used exclusively upon RAILWAYS, distinguishing between the nature and causes of the ACCIDENTS occasioning the DEATH or INJURY.

| Classification Number. | RAILWAY. | PASSENGERS. | | |

ABSTRACT

NUMBER of PERSONS reported, during the NINE MONTHS ending with the 30th September 1897, as KILLED or INJURED in INDIA by the TRAVELLING of TRAINS or the MOVEMENT of VEHICLES used exclusively upon RAILWAYS, 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.

SEE

| Classification Number. | RAILWAY. | PASSENGERS. | | | | | | | | | | | | | | | | | | | | | | | | | | RAILWAY SERVANTS. | | | | | | | | | | | | | | | | | | | | | | | | | | OTHERS. | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL ALL CLASSES. | | | | Classification Number. |
|---|---|---

ABSTRACT No. 3.

ACCIDENTS to TRAINS, ROLLING STOCK, PERMANENT-WAY, etc., reported during the NINE MONTHS ending with the 30th September 1897 as having occurred on the several RAILWAYS open for TRAFFIC in INDIA, distinguishing the different CLASSES of ACCIDENTS and the number of PASSENGERS AND OTHERS and of RAILWAY SERVANTS KILLED or INJURED in each class of accident.

STANDARD GAUGE.

	East Indian. (a)								Bengal Central. (b)								Bengal-Nagpur.							
	Number.			Number of passengers and others.		Number of servants.		Total all classes.				Number of passengers and others.		Number of servants.		Total all classes.				Number of passengers and others.		Number of servants.		Total all classes.	
	Accidents reported to Local Governments under section 83 of the Indian Railways Act, No. IX of 1890.	Other accidents.	Total.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Accidents reported to Local Governments under section 83 of the Indian Railways Act, No. IX of 1890.	Other accidents.	Total.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Accidents reported to Local Governments under section 83 of the Indian Railways Act, No. IX of 1890.	Other accidents.	Total.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
1. Collisions between passenger trains or parts of passenger trains	2	...	2	...	3	...	...	...	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2. Collisions between passenger trains and goods or mineral trains, engines and vehicles standing foul of the line	7	...	7	2	22	...	...	2	22	1	...	1	...	1	...	...	...	1	...	...	...	...	...	...	...	...
3. Collisions between goods trains or parts of goods trains	7	6	13	...	...	2	4	2	4	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...
4. Collisions between light engines	...	3	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5. Passenger trains or parts of passenger trains leaving the rails	5	..	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6. Goods trains or parts of goods trains, engines, etc., leaving the rails	...	10	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7. Trains or engines travelling in the wrong direction through points	...	7	7	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	1	1	...	...	...	...	...
8. Trains running into stations or sidings at too high a speed	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9. Trains running over cattle on the line	1	164	165	...	...	...	...	...	...	...	19	19	...	...	...	...	...	...	...	91	91	...	...	...	...	...
10. Ditto over obstructions on the line	1	11	12	...	(d)1	...	...	...	1	1	1	2	...	...	4	...	4	...	1	3	4	...	...	...	...	...
11. Trains running through gates at level-crossings	...	9	9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12. The bursting of boilers of engines	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12(a). Ditto of tubes, etc., of engines	...	8	8	...	...	...	...	...	...	...	2	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13. The failure of machinery, springs, etc., of engines	...	77	77	...	...	...	...	...	...	...	7	7	...	...	...	...	...	...	...	1	1	...	...	...	...	...
14. The failure of tyres	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	3	...	...	...	...	...
15. Ditto of wheels	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16. Ditto of axles	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17. Ditto of brake apparatus	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18. Ditto of couplings	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19. Ditto of tunnels, bridges, viaducts, culverts, etc.	...	20	20	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20. Broken rails	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...
21. The flooding of portions of permanent-way	...	3	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22. Slips in cuttings or embankments	1	4	5	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	11	11	...	...	...	...	...
23. Fire in trains	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
24. Fire at stations, or involving injury to bridges or viaducts	4	10	14	(d)1	(e)6	...	...	1	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
25. Other accidents	...	7	7	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
TOTAL ALL CLASSES	2	32	34	...	1	...	...	...	1	...	4	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	31	371	402	(f)3	(g)33	2	4	5	37	...	1	1	...	...	...	...	...	...	...	7	7	...	...	...	...	...
										2	35	37	...	1	4	...	4	1	2	118	120	...	...	...	...	...

	Indian Midland. (c)								
	Number.			Number of passengers and others.		Number of servants.		Total all classes.	
	Accidents reported to Local Governments under section 83 of the Indian Railways Act, No. IX of 1890.	Other accidents.	Total.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
1. Collisions between passenger trains or parts of passenger trains	...	...	...	...	...	...	...	...	...
2. Collisions between passenger trains and goods or mineral trains, engines and vehicles standing foul of the line	...	...	...	...	...	...	...	...	...
3. Collisions between goods trains or parts of goods trains	...	...	...	...	...	...	...	...	...
4. Collisions between light engines	...	...	...	...	...	...	...	...	...
5. Passenger trains or parts of passenger trains leaving the rails	...	...	...	...	...	...	...	...	...
6. Goods trains or parts of goods trains, engines, etc., leaving the rails	...	...	...	...	...	...	...	...	...
7. Trains or engines travelling in the wrong direction through points	...	...	...	...	...	...	...	...	...
8. Trains running into stations or sidings at too high a speed	...	...	...	...	...	...	...	...	...
9. Trains running over cattle on the line	...	3	3	...	...	...	...	...	...
10. Ditto over obstructions on the line	...	...	...	...	...	...	...	...	...
11. Trains running through gates at level-crossings	...	59	59	...	...	...	...	...	...
12. The bursting of boilers of engines	...	...	...	...	...	...	...	...	...
12(a). Ditto of tubes, etc., of engines	1	1	2	...	(d)1	...	...	...	1
13. The failure of machinery, springs, etc., of engines	...	...	...	...	...	...	...	...	...
14. The failure of tyres	...	13	13	...	...	...	...	...	...
15. Ditto of wheels	...	...	...	...	...	...	...	...	...
16. Ditto of axles	...	9	9	...	...	...	...	...	...
17. Ditto of brake apparatus	...	...	...	...	...	...	...	...	...
18. Ditto of couplings	...	...	...	...	...	...	...	...	...
19. Ditto of tunnels, bridges, viaducts, culverts, etc.	...	...	...	...	...	...	...	...	...
20. Broken rails	...	...	...	...	...	...	...	...	...
21. The flooding of portions of permanent-way	...	...	...	...	...	...	...	...	...
22. Slips in cuttings or embankments	...	...	...	...	...	...	...	...	...
23. Fire in trains	1	1	...	...	...	...	...	...	...
24. Fire at stations, or involving injury to bridges or viaducts	...	...	...	...	...	...	...	...	...
25. Other accidents	...	...	...	...	...	...	...	...	...
TOTAL ALL CLASSES	1	2	2	...	...	...	...	...	...
	...	...	...	...	...	...	...	...	...
	1	21	22	...	(d)1	...	...	...	1

(a) Including the Delhi-Umballa-Kalka and the Tarkessar railways.
(b) Although for convenience classed amongst state railways, this line is the property of the Bengal Central Railway Company.
(c) Including the Bhopal-Itársi, the Bina-Guna and the Bhopal-Ujjain railways.
(d) Not a passenger.
(e) Out of these two were not passengers.
(f) Of these one was not a passenger.
(g) Out of these three were not passengers.

STANDARD GAUGE—*contd.*

	North Western (a).								Oudh and Rohilkhand.								Eastern Bengal.							
	Number.			Number of passengers and others.		Number of servants.		Total all classes.				Number of passengers and others.		Number of servants.		Total all classes.				Number of passengers and others.		Number of servants.		Total all classes.	
	Accidents reported to Local Governments under section 83 of the Indian Railways Act, No. IX of 1890.	Other accidents.	Total.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Accidents reported to Local Governments under section 83 of the Indian Railways Act, No. IX of 1890.	Other accidents.	Total.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Accidents reported to Local Governments under section 83 of the Indian Railways Act, No. IX of 1890.	Other accidents.	Total.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
1. Collisions between passenger trains or parts of passenger trains	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	9	...	...	...	9
2. Collisions between passenger trains and goods or mineral trains, engines and vehicles standing foul of the line	...	3	1	4	...	9	...	1	...	10	...	2	2	...	2	...	...	...	2	...	3	...	3	...	1	...	4
3. Collisions between goods trains or parts of goods trains	...	1	3	4	...	...	...	...	...	...	...	...	...	...	...	...	...	2	8	10	...	...	...	1	...	1
4. Collisions between light engines	...	...	5	5	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	1	1	...	...	...	...	...
5. Passenger trains or parts of passenger trains leaving the rails	...	...	6	6	...	...	...	...	...	...	1	...	1	...	...	...	...	...	3	1	4	...	...	...	...	...
6. Goods trains or parts of goods trains, engines, etc., leaving the rails	...	...	14	14	...	...	...	...	...	...	...	...	...	...	...	...	...	1	5	6	...	...	...	...	...	...
7. Trains or engines travelling in the wrong direction through points	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	3	18	21	...	1	...	..	...	1
8. Trains running into stations or sidings at too high a speed	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	1	1	2	...	...	...	...	...	...
9. Trains running over cattle on the line	...	173	173	...	...	...	...	...	...	...	...	69	69	...	...	...	...	1	130	131	...	...	...	...	...	...
10. Ditto over obstructions on the line	1	10	11	...	...	2	3	2	3	...	1	1	...	...	...	...	...	...	3	3	...	...	...	...	...	...
11. Trains running through gates at level-crossings	...	1	1	...	...	...	...	...	...	1	1	2	...	...	...	...	...	...	3	3	...	...	...	...	...	...
12. The bursting of boilers of engines	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12(a). Ditto of tubes, etc., of engines	...	28	28	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13. The failure of machinery, springs, etc., of engines	...	64	64	...	...	...	...	...	...	...	6	6	...	...	...	...	...	...	8	8	...	...	...	...	...	...
14. The failure of tyres	...	2	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	2	...	...	...	...	...	...
15. Ditto of wheels	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16. Ditto of axles	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17. Ditto of brake apparatus	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18. Ditto of couplings	...	3	3	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	5	5	...	...	...	...	...	...
19. Ditto of tunnels, bridges, viaducts, culverts, etc.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20. Broken rails	...	2	2	...	...	...	...	...	...	...	12	12	...	...	...	...	...	...	4	4	...	...	...	...	...	...
21. The flooding of portions of permanent-way	8	18	26	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22. Slips in cuttings or embankments	...	3	3	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23. Fire in trains	...	11	11	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
24. Fire at stations, or involving injury to bridges or viaducts	...	6	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
25. Other accidents	...	21	21	(b)1	...	...	...	1	...	...	2	2	...	...	...	...	...	...	6	6	...	...	...	...	...	...
TOTAL ALL CLASSES	13	373	386	(b)1	9	2	4	3	13	2	97	99	...	2	...	...	...	2	15	195	210	...	13	...	2	...	15

	East Coast.								
	Number.			Number of passengers and others.		Number of servants.		Total all classes.	
	Accidents reported to Local Governments under section 83 of the Indian Railways Act, No. IX of 1890.	Other accidents.	Total.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
1. Collisions between passenger trains or parts of passenger trains	...	...	...	...	...	...	...	...	...
2. Collisions between passenger trains and goods or mineral trains, engines and vehicles standing foul of the line	...	2	2	...	...	...	...	...	...
3. Collisions between goods trains or parts of goods trains	...	...	...	...	...	...	...	...	...
4. Collisions between light engines	...	...	...	...	...	...	...	...	...
5. Passenger trains or parts of passenger trains leaving the rails	...	...	...	...	...	...	...	...	...
6. Goods trains or parts of goods trains, engines, etc., leaving the rails	...	3	3	...	...	...	...	...	...
7. Trains or engines travelling in the wrong direction through points	...	1	1	...	...	...	...	...	...
8. Trains running into stations or sidings at too high a speed	...	...	...	...	...	...	...	...	...
9. Trains running over cattle on the line	...	71	71	(b)1	...	...	...	1	...
10. Ditto over obstructions on the line	...	3	3	...	...	...	...	...	...
11. Trains running through gates at level-crossings	...	...	...	...	...	...	...	...	...
12. The bursting of boilers of engines	...	...	...	...	...	...	...	...	...
12(a). Ditto of tubes, etc., of engines	...	...	...	...	...	...	...	...	...
13. The failure of machinery, springs, etc., of engines	...	...	...	...	...	...	...	...	...
14. The failure of tyres	...	...	...	...	...	...	...	...	...
15. Ditto of wheels	...	...	...	...	...	...	...	...	...
16. Ditto of axles	...	...	...	...	...	...	...	...	...
17. Ditto of brake apparatus	...	...	...	...	...	...	...	...	...
18. Ditto of couplings	...	...	...	...	...	...	...	...	...
19. Ditto of tunnels, bridges, viaducts, culverts, etc.	...	...	...	...	...	...	...	...	...
20. Broken rails	...	...	...	...	...	...	...	...	...
21. The flooding of portions of permanent-way	...	3	3	...	...	...	...	...	...
22. Slips in cuttings or embankments	...	...	...	...	...	...	...	...	...
23. Fire in trains	...	...	...	...	...	...	...	...	...
24. Fire at stations, or involving injury to bridges or viaducts	...	...	...	...	...	...	...	...	...
25. Other accidents	...	8	8	...	...	...	...	...	...
TOTAL ALL CLASSES	...	91	91	(b)1	...	...	...	1	...

(a) Including the Hyderabad-Shadipalli, the Rájpura-Bhátinda and the Jammu and Kashmir railways.
(b) Not a passenger.

ABSTRACT No. 3.—ACCIDENTS to TRAINS, ROLLING STOCK, PERMANENT-WAY, etc., reported during the NINE MONTHS ending with the 30th September 1897 as having occurred on the several RAILWAYS open for TRAFFIC in INDIA, distinguishing the different CLASSES of ACCIDENTS and the number of PASSENGERS AND OTHERS and of RAILWAY SERVANTS KILLED or INJURED in each class of accident—*contd.*

STANDARD GAUGE—*concld.*

	Great Indian Peninsula. (a)									Bombay, Baroda and Central India (b).										Madras. (c)									
	Number.			Number of passengers and others.		Number of servants.		Total all classes.		Number.			Number of passengers and others.		Number of servants.		Total all classes.			Number.			Number of passengers and others.		Number of servants.		Total all classes.		
	Accidents reported to Local Governments under section 83 of the Indian Railways Act, No. IX of 1890.	Other accidents.	Total.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Accidents reported to Local Governments under section 83 of the Indian Railways Act, No. IX of 1890.	Other accidents.	Total.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Accidents reported to Local Governments under section 83 of the Indian Railways Act, No. IX of 1890.	Other accidents.	Total.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Number of headings.
1. Collisions between passenger trains or parts of passenger trains	...	...	...	..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	1.
2. Collisions between passenger trains and goods or mineral trains, engines and vehicles standing foul of the line	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2.
3. Collisions between goods trains or parts of goods trains	...	2	2	...	...	...	...	...	...	...	2	2	...	...	...	...	...	...	...	...	..	..	...	...	...	...	...	...	3.
4. Collisions between light engines	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	..	...	...	...	...	...	...	4.
5. Passenger trains or parts of passenger trains leaving the rails	1	4	5	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	1	5	6	...	...	...	...	...	...	...	5.
6. Goods trains or parts of goods trains, engines, etc., leaving the rails	...	16	16	...	...	...	...	...	...	...	3	3	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	6.
7. Trains or engines travelling in the wrong direction through points	2	29	31	...	5	...	3	...	8	1	2	3	4	22	1	2	5	24	...	...	...	...	...	...	...	...	...	...	7.
8. Trains running into stations or sidings at too high a speed	...	4	4	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	8.
9. Trains running over cattle on the line	...	28	28	...	...	...	...	...	...	...	49	49	...	...	...	...	...	...	...	116	116	...	...	...	...	...	...	...	9.
10. Ditto over obstructions on the line	...	13	13	...	...	...	...	...	...	1	3	4	...	...	...	...	...	...	...	4	4	...	...	...	...	...	...	...	10.
11. Trains running through gates at level-crossings	...	8	8	...	...	...	...	...	...	...	3	3	...	...	...	...	...	...	...	2	2	...	...	...	...	...	...	...	11.
12. The bursting of boilers of engines	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	12.
12(a). Ditto of tubes, etc., of engines	...	14	14	...	...	...	...	...	...	...	14	14	...	...	...	...	...	...	...	14	14	...	...	...	...	...	...	...	12a.
13. The failure of machinery, springs, etc., of engines	...	62	62	...	...	...	...	...	...	...	62	62	...	...	...	...	...	...	...	14	14	...	...	...	...	...	...	...	13.
14. The failure of tyres	...	...	...	...	...	...	...	...	...	...	2	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	14.
15. Ditto of wheels	1	5	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	15.
16. Ditto of axles	...	3	3	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	16.
17. Ditto of brake apparatus	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	17.
18. Ditto of couplings	...	6	6	...	...	...	...	...	...	...	14	14	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	18.
19. Ditto of tunnels, bridges, viaducts, culverts, etc.	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	19.
20. Broken rails	...	...	...	...	...	...	...	...	...	...	3	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	20.
21. The flooding of portions of permanent-way	...	3	3	...	...	...	...	...	...	...	3	3	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	21.
22. Slips in cuttings or embankments	...	7	7	...	...	...	...	...	...	...	2	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	22.
23. Fire in trains	...	41	41	...	...	...	...	...	...	...	2	2	...	...	...	...	...	...	...	2	2	...	...	...	...	...	...	...	23.
24. Fire at stations, or involving injury to bridges or viaducts	...	5	5	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	24.
25. Other accidents	...	34	34	...	...	1	2	1	2	...	14	14	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	25.
TOTAL ALL CLASSES	4	285	289	...	5	1	5	1	10	2	182	184	4	22	1	2	5	24	2	162	164	...	...	...	...	...	...	...	

(a) Including the Wardha Coal, the Dhond-Manmád, the Khámgaon, and the Amráoti railways.
(b) Including the Godhra-Rutlam-Nágda, the Nágda-Ujjain and the Gaekwar's Petlad railways.
(c) Including the Madras-Ennur section of the Bezwada-Madras railway and the Kolar Gold-fields railway.
(d) Including the Bezwada extension, East Coast state railway.

ABSTRACT No. 3.—ACCIDENTS to TRAINS, ROLLING STOCK, PERMANENT-WAY, etc., reported during the NINE MONTHS ending with the 30th September 1897 as having occurred on the several RAILWAYS open for TRAFFIC in INDIA, distinguishing the different CLASSES of ACCIDENTS and the number of PASSENGERS and OTHERS and of RAILWAY SERVANTS KILLED or INJURED in each class of accident—*contd.*

METRE GAUGE.

	Bengal and North-Western (Tirhoot and Company's sections).									Rajputana-Malwa. (a)										Southern Mahratta. (b)									
	Number.			Number of passengers and others.		Number of servants.		Total all classes.		Number.			Number of passengers and others.		Number of servants.		Total all classes.			Number.			Number of passengers and others.		Number of servants.		Total all classes.		
	Accidents reported to Local Governments under section 83 of the Indian Railways Act, No. IX of 1890.	Other accidents.	Total.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Accidents reported to Local Governments under section 83 of the Indian Railways Act, No. IX of 1890.	Other accidents.	Total.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Accidents reported to Local Governments under section 83 of the Indian Railways Act, No. IX of 1890.	Other accidents.	Total.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Number of headings.
1. Collisions between passenger trains or parts of passenger trains	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	2	...	...	...	2	1.
2. Ditto ditto and goods or mineral trains, engines and vehicles standing foul of the line	...	1	1	...	...	...	...	...	...	...	1	1	...	...	...	2	...	2	...	...	...	...	...	...	...	...	...	...	2.
3. Collisions between goods trains or parts of goods trains	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	3	...	...	...	...	...	...	3.
4. Ditto light engines	...	2	2	...	...	...	...	...	...	...	3	1	4	...	...	...	...	...	...	2	...	2	...	...	...	...	...	...	4.
5. Passenger trains or parts of passenger trains leaving the rails	2	2	4	...	...	...	...	...	...	...	6	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5.
6. Goods trains or parts of goods trains, engines, etc., leaving the rails	1	23	24	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	2	...	...	...	...	...	...	...	6.
7. Trains or engines travelling in the wrong direction through points	...	9	9	...	...	...	...	...	...	...	4	4	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	7.
8. Trains running into stations or sidings at too high a speed	...	...	...	...	...	...	...	...	...	...	2	2	...	...	...	...	...	...	1	3	4	...	...	...	...	...	...	...	8.
9. Ditto over cattle on the line	...	44	44	...	...	...	...	...	...	1	134	135	...	...	...	...	...	...	4	261	265	...	...	...	...	...	...	1	9.
10. Ditto over obstructions on the line	...	5	5	...	...	...	...	...	...	2	12	14	...	...	...	...	...	...	...	8	8	...	(c)1	...	...	...	...	...	10.
11. Ditto through gates at level-crossings	...	...	...	...	...	...	...	...	...	...	3	3	...	...	...	...	...	...	...	3	3	...	...	...	...	...	...	...	11.
12. The bursting of boilers of engines	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	12.
12(a). Ditto of tubes, etc., of engines	...	6	6	...	...	...	...	...	...	...	6	6	...	...	...	...	...	...	...	10	10	...	...	...	...	...	...	...	12a.
13. The failure of machinery, springs, etc., of engines	...	15	15	...	...	...	...	...	...	...	7	7	...	...	...	...	...	...	...	34	34	...	...	...	...	...	...	...	13.
14. Ditto of tyres	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	2	3	...	...	...	...	...	...	...	14.
15. Ditto of wheels	...	3	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	1	...	...	...	...	...	...	...	15.
16. Ditto of axles	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	19	27	...	...	...	...	...	...	...	16.
17. Ditto of brake apparatus	...	10	10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	17.
18. Ditto of couplings	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	40	43	...	...	...	...	7	...	7	18.
19. Ditto of tunnels, bridges, viaducts, culverts, etc.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	40	43	...	...	...	...	7	...	7	18.
20. Broken rails	...	3	3	...	...	...	...	...	...	...	17	17	...	...	...	...	...	...	1	...	1	16	16	4	2	20	18	19.
21. The flooding of portions of permanent-way	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	20.
22. Slips in cuttings or embankments	...	...	...	...	...	...	...	...	...	...	7	7	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	21.
23. Fire in trains	...	1	1	...	...	...	...	...	...	...	2	2	...	...	...	...	...	...	...	21	22	...	4	...	...	...	...	4	22.
24. Fire at stations, or involving injury to bridges or viaducts	...	1	1	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	8	8	...	...	...	...	...	...	...	23.
25. Other accidents	...	1	2	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	9	9	...	...	...	...	...	...	...	24.
TOTAL ALL CLASSES	...	1	1	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	7	7	...	...	...	...	...	...	...	25.
	6	128	134	...	...	...	...	...	...	7	216	223	...	...	...	...	2	...	2	1	1	2	...	...	...	4	...	4	
																				25	432	457	16	(d) 23	4	13	20	36	

(a) Including the Pálanpur-Deesa, the Ahmedabad-Párantij and the Gaekwar's Mehsána railways.
(b) Including the Guntakal-Mysore frontier, the Mysore section (Southern Mahratta), the Kolhapur, the Yesvatpur-Mysore frontier, and the Mysore-Nanjangúd railways.
(c) Not a passenger.
(d) Out of these, one was not a passenger.

ABSTRACT No. 3.—ACCIDENTS to TRAINS, ROLLING STOCK, PERMANENT-WAY, etc., reported during the NINE MONTHS ending with the 30th September 1897 as having occurred on the several RAILWAYS open for TRAFFIC in INDIA, distinguishing the different CLASSES of ACCIDENTS and the number of PASSENGERS AND OTHERS and of RAILWAY SERVANTS KILLED OR INJURED in each class of accident—*contd.*

METRE GAUGE—*contd.*

	Rohilkund and Kumaon (Company's Section). (a)								Bengal Dooars.								Dhond-Sadiya.							
	Number.			Number of passengers and others.		Number of servants.		Total all classes.	Number.			Number of passengers and others.		Number of servants.		Total all classes.	Number.			Number of passengers and others.		Number of servants.		Total all classes.	
	Accidents reported to Local Governments under section 83 of the Indian Railways Act, No. IX of 1890.	Other accidents.	Total.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Accidents reported to Local Governments under section 83 of the Indian Railways Act, No. IX of 1890.	Other accidents.	Total.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Accidents reported to Local Governments under section 83 of the Indian Railways Act, No. IX of 1890.	Other accidents.	Total.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Number of headings.
1. Collisions between passenger trains or parts of passenger trains	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1.
2. Ditto ditto and goods or mineral trains, engines and vehicles	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2.
Ditto standing foul of the line	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	2	4	...	...	...	...	...	...	3.
3. Collisions between goods trains or parts of goods trains	...	...	...	...	...	...	...	...	...	3	...	3	...	...	...	...	...	...	1	1	...	...	...	...	...	...	4.
4. Ditto light engines	...	4	4	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5.
5. Passenger trains or parts of passenger trains leaving the rails	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6.
6. Goods trains or parts of goods trains, engines, etc., leaving the rails	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7.
7. Trains or engines travelling in the wrong direction through points	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8.
8. Trains running into stations or sidings at too high a speed	...	28	28	...	...	...	...	...	...	...	4	4	...	...	...	...	...	1	12	13	...	...	...	...	...	...	9.
9. Ditto over cattle on the line	...	2	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	2	...	...	...	...	...	...	10.
10. Ditto over obstructions on the line	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	11.
11. Ditto through gates at level-crossings	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	12.
12. The bursting of boilers of engines	...	4	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	12a.
12(a). Ditto of tubes, etc., of engines	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	13.
13. The failure of machinery, springs, etc., of engines	...	23	23	...	...	...	...	...	...	...	1	1	...	...	...	...	...	1	1	...	...	...	...	...	...	...	14.
14. Ditto of tyres	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	15.
15. Ditto of wheels	...	3	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	16.
16. Ditto of axles	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	17.
17. Ditto of brake apparatus	...	3	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	18.
18. Ditto of couplings	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	19.
19. Ditto of tunnels, bridges, viaducts, culverts, etc.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8	8	...	...	...	...	...	...	...	20.
20. Broken rails	...	...	...	...	...	...	...	...	...	...	2	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	21.
21. The flooding of portions of permanent-way	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	2	...	...	...	...	...	...	...	22.
22. Slips in cuttings or embankments	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	23.
23. Fire in trains	...	3	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	24.
24. Fire at stations, or involving injury to bridges or viaducts	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	25.
25. Other accidents	...	4	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
TOTAL ALL CLASSES	...	75	75	...	...	...	...	...	...	3	8	11	...	...	...	...	...	3	31	34	...	...	...	...	...	...	

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METRE GAUGE—*concl*

	Jodhpore-Bikaneer (Jodhpore and Bikaneer Sections).								Oodeypore-Chitor.								Bhávnagar-Gondal-Junágarh-Porbandar (a).								
	Number.			Number of passengers and others.		Number of servants.		Total all classes.	Number.			Number of passengers and others.		Number of servants.		Total all classes.	Number.			Number of passengers and others.		Number of servants.		Total all classes.	
	Accidents reported to Local Governments under section 83 of the Indian Railways Act, No. IX of 1890.	Other accidents.	Total.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Accidents reported to Local Governments under section 83 of the Indian Railways Act, No. IX of 1890.	Other accidents.	Total.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Accidents reported to Local Governments under section 83 of the Indian Railways Act, No. IX of 1890.	Other accidents.	Total.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Number of headings.
1. Collisions between passenger trains or parts of passenger trains	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1.
2. Ditto ditto and goods or mineral trains, engines and vehicles	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2.
Ditto standing foul of the line	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3.
3. Ditto goods trains or parts of good trains	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4.
4. Ditto light engines	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5.
5. Passenger trains or parts of passenger trains leaving the rails	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6.
6. Goods trains or parts of goods trains, engines, etc., leaving the rails	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	5	...	...	...	...	...	...	...	7.
7. Trains or engines travelling in the wrong direction through points	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	19	19	...	...	...	...	...	...	...	8.
8. Trains running into stations or sidings at too high a speed	...	32	32	...	...	...	...	...	...	...	1	1	...	...	...	...	...	3	3	...	(b)2	...	...	...	2	...	9.
9. Ditto over cattle on the line	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10.
10. Ditto over obstructions on the line	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	11.
11. Ditto through gates at level-crossings	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	12.
12. The bursting of boilers of engines	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	12a.
12(a). Ditto of tubes, etc., of engines	...	4	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	13.
13. The failure of machinery, springs, etc., of engines	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	14.
14. Ditto of tyres	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	15.
15. Ditto of wheels	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	16.
16. Ditto of axles	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	17.
17. Ditto of brake apparatus	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	18.
18. Ditto of couplings	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	19.
19. Ditto of tunnels, bridges, viaducts, culverts, etc.	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	20
20. Broken rails	...	8	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	21
21. The flooding of portions of permanent-way	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	22
22. Slips in cuttings or embankments	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	23
23. Fire in trains	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	24
24. Fire at stations or involving injury to bridges or viaducts	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	3	...	...	...	...	...	...	...	25
25. Other accidents	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
TOTAL ALL CLASSES	...	46	46	...	...	...	...	...	...	2	2	...	...	...	...	...	...	34	34	...	(b)2	...	...	...	2	...	

(a) Including the Jetalsar-Rájkot and the Jamnagar railways.

(b) Not passengers.

ABSTRACT No. 3.—ACCIDENTS to TRAINS, ROLLING STOCK, PERMANENT-WAY, etc., reported during the NINE MONTHS ending with the 30th September 1897 as having occurred on the several RAILWAYS open for TRAFFIC in INDIA, distinguishing the different CLASSES of ACCIDENTS and the number of PASSENGERS and OTHERS and of RAILWAY SERVANTS KILLED or INJURED in each class of accident—*contd.*

METRE GAUGE—*contd.*

	SOUTH INDIAN.(a)										ASSAM-BENGAL.									
	Number.			Number of passengers and others.		Number of servants.		Total all classes.			Number.			Number of passengers and others.		Number of servants.		Total all classes.		
	Accidents reported to Local Governments under section 83 of the Indian Railways Act, No. IX of 1890.	Other accidents.	Total.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Number of headings.	Accidents reported to Local Governments under section 83 of the Indian Railways Act, No. IX of 1890.	Other accidents.	Total.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	
1. Collisions between passenger trains or parts of passenger trains	...	...	...	...	...	...	..	..	...		...	...	...	...	...	...	...	...	...	
2. Ditto ditto and goods or mineral trains, engines and vehicles standing foul of the line	...	1	1	...	...	...	...	..	...	1.	...	...	...	...	...	...	...	...	...	1.
3. Collisions between goods trains or parts of goods trains	...	...	...	...	...	...	...	..	...		...	...	...	...	...	...	...	...	...	
4. Ditto light engines	...	...	...	...	...	...	...	..	...	2.	...	...	...	...	...	...	...	...	...	2.
5. Passenger trains or parts of passenger trains leaving the rails	...	...	...	...	...	...	...	...	...	3.	...	...	...	...	...	...	...	...	...	3.
6. Goods trains or parts of goods trains, engines, etc., leaving the rails	...	2	2	...	...	...	...	...	...	4.	...	3	1	4	...	...	...	...	...	4.
	...	...	...	...	...	...	...	...	...	5.		1	14	15	...	...	...	...	...	5.
7. Trains or engines travelling in the wrong direction through points										6.										6.
8. Trains running into stations or sidings at too high a speed	...	1	2	3	...	...	...	...	...	7.										7.
9. Ditto over cattle on the line	...	...	...	...	...	...	...	...	...	8.		2	5	7	...	...	...	...	...	8.
10. Ditto over obstructions on the line	...	2	233	235	...	...	...	...	...	9.	...	...	...	...	...	...	...	...	...	9.
11. Ditto through gates at level-crossings	...	2	5	7	...	...	...	...	...	10.		1	58	59	...	...	...	...	...	10.
12. The bursting of boilers of engines	...	2	2	4	...	...	...	...	...	11.		2	2	4	...	...	...	...	...	11.
12(a). Ditto of tubes, etc., of engines	...	...	...	...	...	...	...	...	...	12.	...	...	...	...	...	...	...	...	...	12.
	...	...	2	2	..	...	...	...	...	12a.	...	...	...	...	...	...	...	...	...	12a.
13. The failure of machinery, springs, etc., of engines																				
14. Ditto of tyres	...	...	...	...	...	...	...	...	...	13.	...	4	4	...	...	...	...	...	...	13.
15. Ditto of wheels	...	...	...	...	...	...	...	...	...	14.	...	...	...	...	...	...	...	...	...	14.
16. Ditto of axles	...	...	...	...	...	...	...	...	...	15.	...	...	...	...	...	...	...	...	...	15.
17. Ditto of brake apparatus	...	...	...	...	...	...	...	...	...	16.	...	...	...	...	...	...	...	...	...	16.
18. Ditto of couplings	...	1	7	8	...	..	...	...	...	17.	...	...	...	...	...	...	...	...	...	17.
19. Ditto of tunnels, bridges, viaducts, culverts, etc.	...	...	...	...	...	...	...	...	...	18.	...	...	...	...	...	...	...	...	...	18.
	...	...	...	...	...	...	...	...	...	19.	...	2	3	5	...	...	...	...	...	19.
20. Broken rails											...	...	...	..	...	...	...	...	...	
21. The flooding of portions of permanent-way	...	...	4	4	...	...	...	...	...	20.										20.
22. Slips in cuttings or embankments	...	...	2	2	...	...	...	...	...	21.	...	3	3	...	...	...	...	...	...	21.
23. Fire in trains	...	...	...	...	...	...	...	...	...	22.	...	2	2	...	...	...	...	...	...	22.
24. Fire at stations, or involving injury to bridges or viaducts	...	...	4	4	...	...	...	...	...	23.	...	...	...	...	...	...	...	...	...	23.
25. Other accidents	...	...	...	...	...	...	...	...	...	24.	...	1	1	...	...	...	...	...	...	24.
	...	...	...	...	...	...	...	...	...	25.	...	2	2	...	...	...	...	...	...	25.
TOTAL ALL CLASSES	10	262	272	...	...	...	...	...	...		11	107	118	...	...	...	...	...	...	

	BURMA.								
	Number.			Number of passengers and others.		Number of servants.		Total all classes.	
	Accidents reported to Local Governments under section 83 of the Indian Railways Act, No. IX of 1890.	Other accidents.	Total.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
1. Collisions between passenger trains or parts of passenger trains	...	...	...	...	...	...	...	...	...
2. Ditto ditto and goods or mineral trains, engines and vehicles standing foul of the line	...	...	...	...	...	...	...	...	...
3. Collisions between goods trains or parts of goods trains	...	...	...	...	...	...	...	...	...
4. Ditto light engines	...	1	1	2	...	...	...	...	...
5. Passenger trains or parts of passenger trains leaving the rails	...	1	...	1	...	...	...	...	...
6. Goods trains or parts of goods trains, engines, etc., leaving the rails	...	1	1	2	...	1	...	...	1
7. Trains or engines travelling in the wrong direction through points									
8. Trains running into stations or sidings at too high a speed	...	1	4	4	...	...	...	...	...
9. Ditto over cattle on the line	...	...	...	...	...	...	...	...	...
10. Ditto over obstructions on the line	...	1	2	3	...	...	...	...	...
11. Ditto through gates at level-crossings	...	...	2	2	...	...	...	...	...
12. The bursting of boilers of engines	...	...	...	...	...	...	...	...	...
12(a). Ditto of tubes, etc., of engines	...	...	...	...	...	...	...	...	...
	...	...	...	...	...	...	...	...	...
13. The failure of machinery, springs, etc., of engines									
14. Ditto of tyres	...	...	9	9	...	...	...	...	...
15. Ditto of wheels	...	...	...	...	...	...	...	...	...
16. Ditto of axles	...	...	...	...	...	...	...	...	...
17. Ditto of brake apparatus	...	...	4	4	...	...	...	...	...
18. Ditto of couplings	...	...	...	...	...	...	...	...	...
19. Ditto of tunnels, bridges, viaducts, culverts, etc.	...	...	5	5	...	...	...	...	...
20. Broken rails									
21. The flooding of portions of permanent-way	...	...	9	9	...	...	...	...	...
22. Slips in cuttings or embankments	...	...	4	4	...	...	...	...	...
23. Fire in trains	...	...	...	...	...	...	...	...	...
24. Fire at stations, or involving injury to bridges or viaducts	...	...	8	8	...	...	...	...	...
25. Other accidents	...	...	3	3	...	...	...	...	...
	2	2	4	...	...	1	...	...	1
TOTAL ALL CLASSES	7	99	106	...	1	1	...	1	1

(a) Including the Mayavram-Mutupet railway.

ABSTRACT No. 3.—ACCIDENTS to TRAINS, ROLLING STOCK, PERMANENT-WAY, etc., reported during the NINE MONTHS ending with the 30th September 1897 as having occurred on the several RAILWAYS open for TRAFFIC in INDIA, distinguishing the different CLASSES of ACCIDENTS and the number of PASSENGERS and OTHERS and of RAILWAY SERVANTS KILLED or INJURED in each class of accident—*contd.*

METRE GAUGE—*contd.*

	EASTERN BENGAL (a).										CAWNPORE-BUREWAL.									
	Number.			Number of passengers and others.		Number of servants.		Total all classes.			Number.			Number of passengers and others.		Number of servants.		Total all classes.		
	Accidents reported to Local Governments under section 83 of the Indian Railways Act, No. IX of 1890.	Other accidents.	Total.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Number of headings.	Accidents reported to Local Governments under section 83 of the Indian Railways Act, No. IX of 1890.	Other accidents.	Total.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	
1. Collisions between passenger trains or parts of passenger trains	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...	
2. Ditto ditto and goods or mineral trains, engines and vehicles standing foul of the line	2	...	2	...	...	...	...	...	...	1.	...	...	...	...	...	...	...	...	...	1.
3. Collisions between goods trains or parts of goods trains	...	...	...	...	...	...	...	...	...		...	...	...	...	...	...	...	...	...	
4. Ditto light engines	...	1	1	2	...	...	...	...	...	2.	...	...	...	...	...	...	...	...	...	2.
5. Passenger trains or parts of passenger trains leaving the rails	...	...	...	...	...	...	...	...	...	3.	...	...	...	...	...	...	...	...	...	3.
6. Goods trains or parts of goods trains, engines, etc., leaving the rails	12	...	12	...	...	...	...	...	...	4.	...	...	...	...	...	...	...	...	...	4.
	...	1	1	...	...	...	...	...	...	5.	...	...	...	...	...	...	...	...	...	5.
7. Trains or engines travelling in the wrong direction through points										6.										6.
8. Trains running into stations or sidings at too high a speed	1	3	4	...	...	...	...	...	...	7.										7.
9. Ditto over cattle on the line	...	...	...	...	...	...	...	...	...	8.	...	...	...	...	...	...	...	...	...	8.
10. Ditto over obstructions on the line	1	63	64	...	...	...	...	...	...	9.	...	...	...	...	...	...	...	...	...	9.
11. Ditto through gates at level-crossings	4	4	8	...	(b)1	...	...	...	1	10.	...	2	2	...	...	...	...	...	...	10.
12. The bursting of boilers of engines	...	...	...	...	...	...	...	...	...	11.	1	1	2	...	(b) 1	...	...	...	1	11.
12(a). Ditto of tubes, etc., of engines	...	...	...	...	...	...	...	...	...	12.	...	...	...	...	...	...	...	...	...	12.
	...	...	...	...	...	...	...	...	...	12a.	...	...	...	...	...	...	...	...	...	12a.
13. The failure of machinery, springs, etc., of engines																				
14. Ditto of tyres	...	7	7	...	...	...	...	...	...	13.	...	2	2	...	...	...	...	...	...	13.
15. Ditto of wheels	...	...	...	...	...	...	...	...	...	14.	...	...	...	...	...	...	...	...	...	14.
16. Ditto of axles	...	...	...	...	...	...	...	...	...	15.	...	...	...	...	...	...	...	...	...	15.
17. Ditto of brake apparatus	3	1	4	...	...	...	...	...	...	16.	...	...	...	...	...	...	...	...	...	16.
18. Ditto of couplings	...	...	...	...	...	...	...	...	...	17.	...	...	...	...	...	...	...	...	...	17.
19. Ditto of tunnels, bridges, viaducts, culverts, etc.	...	1	1	...	...	...	...	...	...	18.	...	2	2	...	...	...	...	...	...	18.
	...	...	...	...	...	...	...	...	...	19.	...	...	...	...	...	...	...	...	...	19.
20. Broken rails																				
21. The flooding of portions of permanent-way	...	4	4	...	...	...	...	...	...	20.	...	...	...	...	...	...	...	...	...	20.
22. Slips in cuttings or embankments	3	6	9	...	...	...	...	...	...	21.	...	...	...	...	...	...	...	...	...	21.
23. Fire in trains	...	1	1	...	...	...	...	...	...	22.	...	...	...	...	...	...	...	...	...	22.
24. Fire at stations, or involving injury to bridges or viaducts	...	...	...	...	...	...	...	...	...	23.	...	...	...	...	...	...	...	...	...	23.
25. Other accidents	1	1	2	...	...	...	...	...	...	24.	...	...	...	...	...	...	...	...	...	24.
	2	5	7	...	...	...	...	...	...	25.	...	...	...	...	...	...	...	...	...	25.
TOTAL ALL CLASSES	30	98	128	...	(b)1	...	...	...	1		1	7	8	...	(b) 1	...	...	...	1	

	DEOGHUR.								
	Number.			Number of passengers and others.		Number of servants.		Total all classes.	
	Accidents reported to Local Governments under section 83 of the Indian Railways Act, No. IX of 1890.	Other accidents.	Total.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
1. Collisions between passenger trains or parts of passenger trains	...	...	...	...	...	...	...	...	...
2. Ditto ditto and goods or mineral trains, engines and vehicles standing foul of the line	...	...	...	...	...	...	...	...	...
3. Collisions between goods trains or parts of goods trains	...	...	...	...	...	...	...	...	...
4. Ditto light engines	...	...	...	...	...	...	...	...	...
5. Passenger trains or parts of passenger trains leaving the rails	...	...	...	...	...	...	...	...	...
6. Goods trains or parts of goods trains, engines, etc., leaving the rails	...	...	...	...	...	...	...	...	...
7. Trains or engines travelling in the wrong direction through points									
8. Trains running into stations or sidings at too high a speed	...	...	...	...	...	...	...	...	...
9. Ditto over cattle on the line	...	...	...	...	...	...	...	...	...
10. Ditto over obstructions on the line	...	...	...	...	...	...	...	...	...
11. Ditto through gates at level-crossings	...	...	...	...	...	...	...	...	...
12. The bursting of boilers of engines	...	...	...	...	...	...	...	...	...
12(a). Ditto of tubes, etc., of engines	...	...	...	...	...	...	...	...	...
	...	...	...	...	...	...	...	...	...
13. The failure of machinery, springs, etc., of engines									
14. Ditto of tyres	...	...	...	...	...	...	...	...	...
15. Ditto of wheels	...	...	...	...	...	...	...	...	...
16. Ditto of axles	...	...	...	...	...	...	...	...	...
17. Ditto of brake apparatus	...	...	...	...	...	...	...	...	...
18. Ditto of couplings	...	...	...	...	...	...	...	...	...
19. Ditto of tunnels, bridges, viaducts, culverts, etc.	...	...	...	...	...	...	...	...	...
20. Broken rails									
21. The flooding of portions of permanent-way	...	...	...	...	...	...	...	...	...
22. Slips in cuttings or embankments	...	...	...	...	...	...	...	...	...
23. Fire in trains	...	...	...	...	...	...	...	...	...
24. Fire at stations, or involving injury to bridges or viaducts	...	...	...	...	...	...	...	...	...
25. Other accidents	...	...	...	...	...	...	...	...	...
	...	...	...	...	...	...	...	...	...
TOTAL ALL CLASSES	...	...	...	...	...	...	...	...	...

(a) Including the Kaunia-Dharila (2 6" gauge) branch. (b) Not a passenger.

ABSTRACT No. 3.—ACCIDENTS TO TRAINS, ROLLING STOCK, PERMANENT-WAY, etc., reported during the NINE MONTHS ending with the 30th September 1897 as having occurred on the several RAILWAYS open for TRAFFIC in INDIA, distinguishing the different CLASSES of ACCIDENTS and the number of PASSENGERS and OTHERS and of RAILWAY SERVANTS KILLED or INJURED in each class of accident—*contd.*

METRE GAUGE—*contd.*

	ROHILKUND AND KUMAON (COMPANY'S SECTION). (a)								BENGAL DOOARS.								DIBRU-SADIYA.								
	Number.			Number of passengers and others.		Number of servants.		Total all classes.		Number.			Number of passengers and others.		Number of servants.		Total all classes.		Number.			Number of passengers and others.		Number of servants.		Total all classes.		
	Accidents reported to Local Governments under section 83 of the Indian Railways Act, No. IX of 1890.	Other accidents.	Total.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Accidents reported to Local Governments under section 83 of the Indian Railways Act, No. IX of 1890.	Other accidents.	Total.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Accidents reported to Local Governments under section 83 of the Indian Railways Act, No. IX of 1890.	Other accidents.	Total.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Number of headings.
1. Collisions between passenger trains or parts of passenger trains	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1.
2. Ditto ditto and goods or mineral trains, engines and vehicles standing foul of the line	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2.
3. Collisions between goods trains or parts of goods trains	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3.
4. Ditto light engines	...	...	...	...	...	...	...	...	...	...	3	3	...	...	...	...	...	...	...	2	2	4	...	...	...	...	...	4.
5. Passenger trains or parts of passenger trains leaving the rails	...	4	4	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	5.
6. Goods trains or parts of goods trains, engines, etc., leaving the rails	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6.
7. Trains or engines travelling in the wrong direction through points	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7.
8. Trains running into stations or sidings at too high a speed	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8.
9. Ditto over cattle on the line	...	28	28	...	...	...	...	...	...	...	4	4	...	...	...	...	...	...	...	12	12	...	...	...	...	...	...	9.
10. Ditto over obstructions on the line	...	2	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	2	...	...	...	...	...	...	10.
11. Ditto through gates at level-crossings	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	11.
12. The bursting of boilers of engines	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	12.
12(a). Ditto of tubes, etc., of engines	...	4	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	12a.
13. The failure of machinery, springs, etc., of engines	...	23	23	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	13.
14. Ditto of tyres	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	14.
15. Ditto of wheels	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	15.
16. Ditto of axles	...	3	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	16.
17. Ditto of brake apparatus	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	17.
18. Ditto of couplings	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8	8	...	...	...	...	...	...	18.
19. Ditto of tunnels, bridges, viaducts, culverts, etc.	...	3	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	19.
20. Broken rails	...	...	...	...	...	...	...	...	...	...	2	2	...	...	...	...	...	...	...	3	3	...	...	...	...	...	...	20.
21. The flooding of portions of permanent-way	...	3	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	21.
22. Slips in cuttings or embankments	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	22.
23. Fire in trains	...	4	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	23.
24. Fire at stations, or involving injury to bridges or viaducts	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	24.
25. Other accidents	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	25.
TOTAL ALL CLASSES	...	75	75	...	...	...	...	...	...	3	8	11	...	...	...	...	...	...	3	31	34	...	...	...	...	...	...	

(a) Including the Lucknow-Bareilly section (Rohilkund-Kumaon railway).

ABSTRACT No. 3.—ACCIDENTS TO TRAINS, ROLLING STOCK, PERMANENT-WAY, etc., reported during the NINE MONTHS ending with the 30th September 1897 as having occurred on the several RAILWAYS open for TRAFFIC in INDIA, distinguishing the different CLASSES of ACCIDENTS and the number of PASSENGERS AND OTHERS and of RAILWAY SERVANTS KILLED or INJURED in each class of accident—*concld.*

METRE GAUGE—*concl*

	JODHPORE-BICKANEER (JODHPORE AND BICKANEER SECTIONS).								ODDEYPORE-CHITOR.								BHÁVNAGAR-GONDAL-JUNÁGARH-PORBANDAR. (a)								
	Number.			Number of passengers and others.		Number of servants.		Total all classes.		Number.			Number of passengers and others.		Number of servants.		Total all classes.		Number.			Number of passengers and others.		Number of servants.		Total all classes.	
	Accidents reported to Local Governments under section 83 of the Indian Railways Act, No. IX of 1890.	Other accidents.	Total.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Accidents reported to Local Governments under section 83 of the Indian Railways Act, No. IX of 1890.	Other accidents.	Total.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Accidents reported to Local Governments under section 83 of the Indian Railways Act, No. IX of 1890.	Other accidents.	Total.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Number of headings.
1. Collisions between passenger trains or parts of passenger trains	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1.
2. Ditto ditto and goods or mineral trains, engines and vehicles standing foul of the line	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2.
3. Ditto goods trains or parts of good trains	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3.
4. Ditto light engines	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4.
5. Passenger trains or parts of passenger trains leaving the rails	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5.
6. Goods trains or parts of goods trains, engines, etc., leaving the rails	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6.
7. Trains or engines travelling in the wrong direction through points	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	5	...	...	...	...	...	...	7.
8. Trains running into stations or sidings at too high a speed	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8.
9. Ditto over cattle on the line	...	32	32	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	19	19	...	...	...	...	...	...	9.
10. Ditto over obstructions on the line	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3	3	...	(b)2	...	...	...	2	10.
11. Ditto through gates at level-crossings	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	11.
12. The bursting of boilers of engines	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	12.
12(a). Ditto of tubes, etc., of engines	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	12a.
13. The failure of machinery, springs, etc., of engines	...	4	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	13.
14. Ditto of tyres	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	14.
15. Ditto of wheels	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	15.
16. Ditto of axles	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	16.
17. Ditto of brake apparatus	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	17.
18. Ditto of couplings	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	18.
19. Ditto of tunnels, bridges, viaducts, culverts, etc.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	19.
20. Broken rails	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	20.
21. The flooding of portions of permanent-way	...	8	8	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	21.
22. Slips in cuttings or embankments	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	22.
23. Fire in trains	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	23.
24. Fire at stations or involving injury to bridges or viaducts	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	24.
25. Other accidents	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	3	3	...	...	...	...	...	...	25.
TOTAL ALL CLASSES	...	46	46	...	...	...	...	...	...	...	2	2	...	...	...	...	...	...	...	34	34	...	(b)2	...	...	...	2	

(a) Including the Jetalsar-Rájkot and the Jamnagar railways.

(b) Not passengers.

ABSTRACT No. 3.—ACCIDENTS to TRAINS, ROLLING STOCK, PERMANENT-WAY, etc., reported during the NINE MONTHS ending with the 30th September 1897 as having occurred on the several RAILWAYS open for TRAFFIC in INDIA, distinguishing the different CLASSES of ACCIDENTS and the number of PASSENGERS AND OTHERS and of RAILWAY SERVANTS KILLED or INJURED in each class of accident—*contd.*

SPECIAL GAUGES.

	Jorhat (2′ 0″). Number. Accidents reported to Local Governments under section 83 of the Indian Railways Act, No. IX of 1890.	Jorhat (2′ 0″). Number. Other accidents.	Jorhat (2′ 0″). Number. Total.	Jorhat (2′ 0″). Number of passengers and others. Killed.	Jorhat (2′ 0″). Number of passengers and others. Injured.	Jorhat (2′ 0″). Number of servants. Killed.	Jorhat (2′ 0″). Number of servants. Injured.	Jorhat (2′ 0″). Total all classes. Killed.	Jorhat (2′ 0″). Total all classes. Injured.	Darjeeling-Himalayan (2′ 0″). Number. Accidents reported to Local Governments under section 83 of the Indian Railways Act, No. IX of 1890.	Darjeeling-Himalayan (2′ 0″). Number. Other accidents.	Darjeeling-Himalayan (2′ 0″). Number. Total.	Darjeeling-Himalayan (2′ 0″). Number of passengers and others. Killed.	Darjeeling-Himalayan (2′ 0″). Number of passengers and others. Injured.	Darjeeling-Himalayan (2′ 0″). Number of servants. Killed.	Darjeeling-Himalayan (2′ 0″). Number of servants. Injured.	Darjeeling-Himalayan (2′ 0″). Total all classes. Killed.	Darjeeling-Himalayan (2′ 0″). Total all classes. Injured.	The Gaekwar's Dabhoi (2′ 6″). Number. Accidents reported to Local Governments under section 83 of the Indian Railways Act, No. IX of 1890.	The Gaekwar's Dabhoi (2′ 6″). Number. Other accidents.	The Gaekwar's Dabhoi (2′ 6″). Number. Total.	The Gaekwar's Dabhoi (2′ 6″). Number of passengers and others. Killed.	The Gaekwar's Dabhoi (2′ 6″). Number of passengers and others. Injured.	The Gaekwar's Dabhoi (2′ 6″). Number of servants. Killed.	The Gaekwar's Dabhoi (2′ 6″). Number of servants. Injured.	The Gaekwar's Dabhoi (2′ 6″). Total all classes. Killed.	The Gaekwar's Dabhoi (2′ 6″). Total all classes. Injured.	Number of headings.
1. Collisions between passenger trains or parts of passenger trains	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1.
2. Ditto ditto and goods or mineral trains, engines and vehicles standing foul of the line	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2.
3. Collisions between goods trains or parts of goods trains	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3.
4. Ditto light engines	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4.
5. Passenger trains or parts of passenger trains leaving the rails	...	6	6	...	...	...	...	...	...	...	5	1	6	...	...	...	...	...	...	...	4	...	4	...	...	...	...	...	...	5.
6. Goods trains or parts of goods trains, engines, etc., leaving the rails	...	...	...	...	...	...	...	...	...	...	...	2	2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	6.
7. Trains or engines travelling in the wrong direction through points	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7.
8. Trains running into stations or sidings at too high a speed	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8.
9. Ditto over cattle on the line	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	9.
10. Ditto over obstructions on the line	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	10.
11. Ditto through gates at level-crossings	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	2	(a)2	...	...	2	...	...	11.
12. The bursting of boilers of engines	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	12.
12(a). Ditto of tubes, etc., of engines	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	12a.
13. The failure of machinery, springs, etc., of engines	...	1	1	...	...	...	...	...	...	...	3	3	...	...	...	...	...	...	...	...	2	2	...	...	...	...	...	...	13.
14. Ditto of tyres	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	14.
15. Ditto of wheels	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	15.
16. Ditto of axles	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	16.
17. Ditto of brake apparatus	1	3	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	17.
18. Ditto of couplings	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	18.
19. Ditto of tunnels, bridges, viaducts, culverts, etc.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	19.
20. Broken rails	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	20.
21. The flooding of portions of permanent-way	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	21.
22. Slips in cuttings or embankments	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	22.
23. Fire in trains	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	23.
24. Fire at stations or involving injury to bridges or viaducts	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	24.
25. Other accidents	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	25.
TOTAL ALL CLASSES	7	7	14	...	...	...	...	...	...	5	7	12	...	...	...	...	...	...	...	5	6	11	(a)2	...	...	...	2	..	

(a) Not passengers.

ABSTRACT No. 3.—ACCIDENTS to TRAINS, ROLLING STOCK, PERMANENT-WAY, etc., reported during the NINE MONTHS ending with the 30th September 1897 as having occurred on the several RAILWAYS open for TRAFFIC in INDIA, distinguishing the different CLASSES of ACCIDENTS and the number of PASSENGERS AND OTHERS and of RAILWAY SERVANTS KILLED or INJURED in each class of accident—*concld.*

SPECIAL GAUGES—*concld.*

	Ankleswar-Pardi section (Rajpipla) (2′ 6″). Number. Accidents reported to Local Governments under section 83 of the Indian Railways Act, No. IX of 1890.	Ankleswar-Pardi section (Rajpipla) (2′ 6″). Number. Other accidents.	Ankleswar-Pardi section (Rajpipla) (2′ 6″). Number. Total.	Ankleswar-Pardi section (Rajpipla) (2′ 6″). Number of passengers and others. Killed.	Ankleswar-Pardi section (Rajpipla) (2′ 6″). Number of passengers and others. Injured.	Ankleswar-Pardi section (Rajpipla) (2′ 6″). Number of servants. Killed.	Ankleswar-Pardi section (Rajpipla) (2′ 6″). Number of servants. Injured.	Ankleswar-Pardi section (Rajpipla) (2′ 6″). Total all classes. Killed.	Ankleswar-Pardi section (Rajpipla) (2′ 6″). Total all classes. Injured.	Cooch Behar (2′ 6″). Number. Accidents reported to Local Governments under section 83 of the Indian Railways Act, No. IX of 1890.	Cooch Behar (2′ 6″). Number. Other accidents.	Cooch Behar (2′ 6″). Number. Total.	Cooch Behar (2′ 6″). Number of passengers and others. Killed.	Cooch Behar (2′ 6″). Number of passengers and others. Injured.	Cooch Behar (2′ 6″). Number of servants. Killed.	Cooch Behar (2′ 6″). Number of servants. Injured.	Cooch Behar (2′ 6″). Total all classes. Killed.	Cooch Behar (2′ 6″). Total all classes. Injured.	Morvi (2′ 6″). Number. Accidents reported to Local Governments under section 83 of the Indian Railways Act, No. IX of 1890.	Morvi (2′ 6″). Number. Other accidents.	Morvi (2′ 6″). Number. Total.	Morvi (2′ 6″). Numb of passengers and others. Killed.	Morvi (2′ 6″). Numb of passengers and others. Injured.	Morvi (2′ 6″). Number of servants. Killed.	Morvi (2′ 6″). Number of servants. Injured.	Morvi (2′ 6″). Total all classes. Killed.	Morvi (2′ 6″). Total all classes. Injured.	Number of headings.
1. Collisions between passenger trains or parts of passenger trains	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1.
2. Ditto ditto and goods or mineral trains, engines and vehicles standing foul of the line	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2.
3. Collisions between goods trains or parts of goods trains	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	3.
4. Ditto light engines	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4.
5. Passenger trains or parts of passenger trains leaving the rails	3	...	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5.
6. Goods trains or parts of goods trains, engines, etc., leaving the rails	...	...	...	...	...	...	...	...	...	4	...	4	...	...	...	...	...	...	...	...	2	2	...	...	...	...	...	...	6.
7. Trains or engines travelling in the wrong direction through points	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	4	4	...	...	...	...	...	...	7.
8. Trains running into stations or sidings at too high a speed	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	8.
9. Ditto over cattle on the line	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	9.
10. Ditto over obstructions on the line	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	10.
11. Ditto through gates at level-crossings	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	18	18	...	...	...	...	...	...	11.
12. The bursting of boilers of engines	...	...	...	...	...	...	...	...	...	...	4	4	...	...	...	...	...	...	...	...	2	2	...	(a)1	...	...	...	...	12.
12(a). Ditto of tubes, etc., of engines	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	12(a).
13. The failure of machinery, springs, etc., of engines	...	..	..	...	...	...	...	...	..	...	1	1	...	...	...	...	...	...	...	...	5	5	...	...	...	...	...	...	13.
14. Ditto of tyres	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	14.
15. Ditto of wheels	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	15.
16. Ditto of axles	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	16.
17. Ditto of brake apparatus	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	17.
18. Ditto of couplings	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	18.
19. Ditto of tunnels, bridges, viaducts, culverts, etc.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	19.
20. Broken rails	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	20.
21. The flooding of portions of permanent-way	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	21.
22. Slips in cuttings or embankments	...	...	...	...	...	...	...	...	...	3	1	4	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	22.
23. Fire in trains	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	23.
24. Fire at stations, or involving injury to bridges or viaducts	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	24.
25. Other accidents	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	1	...	...	...	...	...	...	25.
TOTAL ALL CLASSES	3	2	5	...	...	...	...	...	...	7	7	14	...	...	...	...	...	...	...	...	33	33	...	(a)1	...	...	...	1		

ABSTRACT

No. 4.

ACCIDENTS to TRAINS, ROLLING STOCK, PERMANENT-WAY, etc., reported during the NINE MONTHS ending with the 30th September 1897 as having occurred on the several RAILWAYS open for TRAFFIC in INDIA, distinguishing the different CLASSES of ACCIDENTS and the number of PASSENGERS AND OTHERS and of RAILWAY SERVANTS KILLED or INJURED in each class of accident.

	STANDARD GAUGE LINES.												METRE GAUGE LINES.											
	Average number of accidents during the two previous corresponding periods of 1895 and 1896.			NINE MONTHS ENDING WITH THE 30TH SEPTEMBER 1897.									Average number of accidents during the two previous corresponding periods of 1895 and 1896.			NINE MONTHS ENDING WITH THE 30TH SEPTEMBER 1897.								
				Number.			Number of passengers and others.		Number of servants.		Total all classes.					Number.			Number of passengers and others.		Number of servants.		Total all classes.	
	Accidents reported to Local Governments under section 83 of the Indian Railways Act, No. IX of 1890.	Other accidents.	Total.	Accidents reported to Local Governments under section 83 of the Indian Railways Act, No. IX of 1890.	Other accidents.	Total.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Accidents reported to Local Governments under section 83 of the Indian Railways Act, No. IX of 1890.	Other accidents.	Total.	Accidents reported to Local Governments under section 83 of the Indian Railways Act, No. IX of 1890.	Other accidents.	Total.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
1. Collisions between passenger trains or parts of passenger trains	2	2	4	3	...	3	...	12	...	...	...	12	2	2	4	3	...	3	...	22	...	...	...	22
2. Collisions between passenger trains and goods or mineral trains, engines, and vehicles standing foul of the line	9	8	17	15	5	20	2	37	...	2	2	39	6	9	15	2	2	4	...	...	...	...	...	...
3. Collisions between goods trains or parts of goods trains	5	40	45	11	21	32	...	...	2	5	2	5	2	14	16	3	6	9	...	...	...	...	...	...
4. Collisions between light engines	1	11	12	...	10	10	...	...	...	...	...	..	...	5	5	...	2	2	...	...	...	...	...	...
5. Passenger trains or parts of passenger trains leaving the rails	10	17	27	12	19	31	...	..	...	...	...	...	14	23	37	30	11	41	...	1	...	...	...	1
6. Goods trains or parts of goods trains, engines, etc., leaving the rails	8	102	110	4	57	61	...	...	...	...	...	...	2	71	73	3	51	54	...	...	...	...	...	...
7. Trains or engines travelling in the wrong directions through points	3	62	65	6	63	69	4	28	1	5	5	33	9	38	47	6	32	38	...	...	...	...	...	...
8. Trains running into stations or sidings at too high a speed	4	8	12	2	8	10	...	...	...	...	...	...	1	7	8	1	5	6	...	...	...	...	...	...
9. Trains running over cattle on the line	2	841	843	2	1,039	1,041	(a) 1	...	...	...	1	...	8	894	902	9	931	940	...	..	...	...	...	..
10. Trains running over obstructions on the line	9	68	77	6	54	60	...	(b) 2	6	3	6	5	9	46	55	12	45	57	...	(b) 4	...	(a) 4	...	...
11. Trains running through gates at level-crossings	3	20	23	1	27	28	...	...	...	...	...	...	2	12	14	3	11	14	...	1	...	...	...	...
12. The bursting of boilers of engines	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12(a). The bursting of tubes, etc., of engines	...	66		...	94	94	...	...	...	...	...	...	...	55	55	...	24	24	...	...	...	...	...	...
13. The failure of machinery, springs, etc., of engines	1	243	244	...	315	315	...	...	...	...	...	...	...	122	122	...	108	103	...	...	...	...	...	...
14. The failure of tyres	1	4	5	...	6	6	...	...	...	...	...	...	...	8	8	1	3	4	...	...	...	...	...	...
15. Ditto of wheels	...	2	2	1	5	6	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16. Ditto of axles	...	9	9	1	5	6	...	...	...	...	...	..	3	29	32	12	39	51	...	...	...	...	...	...
17. Ditto of brake apparatus	...	3	3	...	1	1	...	...	...	...	...	...	...	1	1	...	1	1	...	...	...	...	...	...
18. Ditto of couplings	1	55	56	...	51	51	...	...	...	...	...	...	2	79	81	5	89	94	...	...	...	...	...	...
19. Ditto of tunnels, bridges, viaducts, culverts, etc.	...	...	...	...	1	1	...	...	...	...	...	...	...	1	1	1	...	1	16	16	4	2	20	18
20. Broken rails	...	24	24	...	36	36	...	...	...	...	...	...	...	21	21	...	30	30	...	...	...	...	...	...
21. The flooding of portions of permanent-way	11	34	45	10	35	45	...	...	...	...	...	...	2	24	26	5	52	57	...	4	...	...	...	4
22. Slips in cuttings or embankments	1	16	17	...	13	13	...	...	...	...	...	...	2	3	5	...	10	10	...	...	...	...	...	...
23. Fire in trains	2	75	77	4	67	71	(a) 1	(c) 6	...	...	1	6	...	48	48	...	26	26	...	...	...	(a) (d)	...	...
24. Fire at stations, or involving injury to bridges or viaducts	...	25	25	...	23	23	...	...	...	...	...	..	1	13	14	1	22	23	...	...	...	...	...	...
25. Other accidents	4	111	115	2	130	132	(a) 1	1	1	2	2	3	8	62	70	6	45	51	...	...	...	...	...	...
TOTAL FOR THE NINE MONTHS ENDING WITH THE 30TH SEPTEMBER 1897	...	...	...	80	2,085	2,165	(d) 9	(e) 86	10	17	19	103	...	...	...	103	1,545	1,648	16	(f) 28	5	15	21	43
Average for the two previous corresponding periods of 1895 and 1896	...	...	...	77	1,846	1,923	(f) 14	(g) 50	4	24	18	74	...	...	...	73	1,587	1,660	(e) 8	(d) 19	4	7	12	26
Mean mileage worked					11,777												8,330							
Number of servants employed					133,075												59,822							
Train-mileage of all descriptions					36,374,572												16,278,863							
Number of passengers carried					63,254,571												42,013,094							
Passenger-mileage					2,912,863,576												1,536,164,335							
Per mile open—																								
Train-mileage of all descriptions					3,089												1,954							
Number of passengers carried					5,371												5,044							
Passenger-mileage					247,335												184,413							
Total passengers—																								
Killed per million of passengers					0·095												0·381							
Injured per million of passengers					1·296												0·547							
Killed per million of passenger-miles					0·002												0·010							
Injured per million of passenger-miles					0·028												0·015							

	SPECIAL GAUGE LINES.												TOTAL ALL GAUGES.												
	Average number of accidents during the two previous corresponding periods of 1895 and 1896.			NINE MONTHS ENDING WITH THE 30TH SEPTEMBER 1897.									Average number of accidents during the two previous corresponding periods of 1895 and 1896.			NINE MONTHS ENDING WITH THE 30TH SEPTEMBER 1897.									
				Number.			Number of passengers and others.		Number of servants.		Total all classes.					Number.			Number of passengers and others.		Number of servants.		Total all classes.		
	Accidents reported to Local Governments under section 83 of the Indian Railways Act, No. IX of 1890.	Other accidents.	Total.	Accidents reported to Local Governments under section 83 of the Indian Railways Act, No. IX of 1890.	Other accidents.	Total.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Accidents reported to Local Governments under section 83 of the Indian Railways Act, No. IX of 1890.	Other accidents.	Total.	Accidents reported to Local Governments under section 83 of the Indian Railways Act, No. IX of 1890.	Other accidents.	Total.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Number of headings.
1. Collisions between passenger trains or parts of passenger trains	...	...	...	...	...	...	...	...	...	...	...	...	4	4	8	6	...	6	...	14	...	...	...	14	1
2. Collisions between passenger trains and goods or mineral trains, engines, and vehicles standing foul of the line	...	...	...	...	...	...	...	...	...	...	...	...	15	17	32	17	7	24	2	37	...	2	2	39	2
3. Collisions between goods trains or parts of goods trains	...	...	...	...	...	...	...	...	...	...	...	...	7	54	61	14	27	41	...	...	2	7	2	7	3
4. Collisions between light engines	...	...	...	...	...	...	...	...	...	...	...	...	1	16	17	...	10	10	...	...	...	...	...	...	4
5. Passenger trains or parts of passenger trains leaving the rails	...	1	1	...	2	2	3	...	18	3	21	...	25	42	67	60	33	93	...	1	...	...	...	1	5
6. Goods trains or parts of goods trains, engines, etc., leaving the rails	...	3	13	16	...	4	6	10	...	...	...	...	13	186	199	11	114	125	...	...	...	...	...	...	6
7. Trains or engines travelling in the wrong directions through points	...	...	...	...	...	...	...	...	...	...	...	...	12	100	112	12	95	107	4	28	1	5	5	33	7
8. Trains running into stations or sidings at too high a speed	...	...	...	...	...	...	...	...	...	...	...	...	5	15	20	3	13	16	...	...	...	...	...	...	8
9. Trains running over cattle on the line	...	...	...	...	7	7	...	24	24	...	..	...	10	1,742	1,752	11	1,994	2,005	(a) 1	..	...	...	1	...	9
10. Trains running over obstructions on the line	...	...	..	4	...	4	4	1	3	4	(b) 2	(a) 1	...	...	2	1	18	118	136	19	102	121	(b) 2	7	10
11. Trains running through gates at level-crossings	...	...	...	1	...	...	...	...	...	...	...	...	5	32	37	4	38	42	...	1	...	...	...	1	11
12. The bursting of boilers of engines	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	12
12(a). The bursting of tubes, etc., of engines	...	...	...	...	...	...	...	2	2	...	...	...	...	121	121	...	120	120	...	...	...	...	...	...	12
13. The failure of machinery, springs, etc., of engines	...	...	...	...	1	4	5	...	12	12	...	...	...	369	371	...	435	435	...	...	...	...	...	...	(a) 13
14. The failure of tyres	...	...	...	...	...	...	...	...	...	...	...	...	...	12	13	1	9	10	...	...	...	...	...	...	14
15. Ditto of wheels	...	...	...	...	...	3	3	...	2	2	...	...	...	5	5	1	7	8	...	...	...	...	...	...	15
16. Ditto of axles	...	...	...	...	1	4	5	1	3	4	...	...	4	42	46	14	47	61	...	...	...	...	...	...	16
17. Ditto of brake apparatus	...	...	...	...	...	...	...	...	...	...	...	...	...	4	4	...	2	2	..	...	...	...	...	...	17
18. Ditto of couplings	..	7	...	7	...	1	1	...	...	...	...	...	3	135	138	5	140	145	...	...	...	7	...	7	18
19. Ditto of tunnels, bridges, viaducts, culverts, etc.	4	2	20	18	1	...	1	...	..	...	...	...	1	1	2	1	1	2	16	16	4	2	20	18	19
20. Broken rails	...	...	...	...	1	1	...	1	1	...	...	...	...	46	46	...	67	67	...	...	...	...	...	...	20
21. The flooding of portions of permanent-way	...	...	...	4	1	5	6	3	4	7	...	...	...	14	63	77	18	91	109	..	4	...	...	4	21
22. Slips in cuttings or embankments	...	...	...	...	...	1	1	...	1	1	...	...	...	3	20	23	...	24	24	..	...	...	...	...	..	22
23. Fire in trains	...	...	...	...	...	1	1	...	...	...	...	...	...	2	124	126	4	93	97	(a) 1	(d) 6	...	...	1	6	23
24. Fire at stations, or involving injury to bridges or viaducts	...	...	...	...	...	...	...	1	1	...	...	...	...	1	38	39	1	46	47	..	..	...	...	...	...	24
25. Other accidents	1	4	1	4	...	1	1	...	.	...	...	...	...	12	174	186	8	175	183	(a) 1	1	2	6	3	7	25
TOTAL FOR THE NINE MONTHS ENDING WITH THE 30TH SEPTEMBER 1897	5	15	21	43	...	...	...	27	62	89	(b) 2	(a) 1	...	..	2	1	...	...	...	210	3,692	3,902	(f) 27	(h) 115	15	32	42	147
Average for the two previous corresponding periods of 1895 and 1896	4	7	12	26	...	...	...	8	47	55	...	...	...	3	...	3	...	...	...	158	3,480	3,638	(i) 22	(j) 69	8	34	30	103
Mean mileage worked					273												20,380								
Number of servants employed					1,704												194,601								
Train-mileage of all descriptions					372,570												53,026,010								
Number of passengers carried					675,182												105,942,847								
Passenger-mileage					17,776,467												4,466,804,378								
Per mile open—																									
Train-mileage of all descriptions					1,365												2,602								
Number of passengers carried					2,473												5,198								
Passenger-mileage					65,115												219,176								
Total passengers—																									
Killed per million of passengers					.....												0·208								
Injured per million of passengers					.....												0·991								
Killed per million of passenger-miles					.....												0·005								
Injured per million of passenger-miles					.....												0·024								

(a) Not a passenger.
(b) Not passengers.
(c) Out of these, two were not passengers.
(d) Out of these, three were not passengers.
(e) Out of these, four were not passengers.
(f) Out of these, five were not passengers.
(g) Out of these, six were not passengers.
(h) Out of these, ten were not passengers.
(i) Out of these, seven were not passengers.
(j) Out of these, nine were not passengers.

No. 153 R. Stat.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

RAILWAY STATISTICS.

Calcutta, the 22nd March 1898.

Returns of accidents on Indian railways for the nine months ending with the 30th September 1897.

Read again—

Government of India order No. 350 R. Stat., dated the 2nd September 1896.
Government of India order No. 132 R. Stat., dated the 6th March 1897.

Read also—

The following note by the Director of Railway Traffic, dated the 17th March 1898, with abstract returns of accidents to trains, etc., on the open lines of railway in India for the nine months ending with the 30th September 1897.

I.—Accidents to trains, rolling stock, permanent-way, etc.

Accidents to trains, rolling stock, permanent-way, etc., during the nine months ending with the 30th September 1897, as shown under abstract No. 4 on pages 16 and 17 of the accompanying returns, caused the death of 42 and injury to 147 persons. The table below shows that the number of persons (both killed and injured) was very much in excess of the average of the corresponding periods of the two previous years, due mainly to the accident at Gholvad station, on the Bombay, Baroda and Central India railway, on the 9th January 1897, in which 5 persons were killed and 24 injured, to the collision at Howrah station, on the East Indian railway, on the 15th April 1897, in which 20 passengers were slightly injured and to the failure of the Malur bridge between Channapatna and Mudgeri on the Southern Mahratta railway, on the 23rd September 1897, in which 20 persons were killed and 18 injured. The total number of accidents was also considerably above the average:

	Number.			Number of passengers and others.		Number of servants.		Total all classes.	
	Accidents reported to Local Governments under section 83 of the Indian Railways Act (IX of 1890).	Other accidents.	Total.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
Standard gauge.									
Nine months ending with the 30th September 1897 . .	80	2,085	2,165	(*a*) 9	(*b*) 86	10	17	19	103
Average of the corresponding periods of the two previous years	77	1,846	1,923	(*c*) 14	(*d*) 50	4	24	18	74
Metre gauge.									
Nine months ending with the 30th September 1897 . .	103	1,545	1,648	16	(*c*) 28	5	15	21	43
Average of the corresponding periods of the two previous years	73	1,587	1,660	(*e*) 8	(*a*) 19	4	7	12	26
Special gauges.									
Nine months ending with the 30th September 1897 . .	27	62	89	(*f*) 2	(*g*) 1	...	...	2	1
Average of the corresponding periods of the two previous years	8	47	55	...	...	...	3	...	3
Total all gauges for the nine months ending with the 30th September 1897 . .	210	3,692	3,902	(*c*) 27	(*h*) 115	15	32	42	147
Average of the corresponding periods of the two previous years	158	3,480	3,638	(*i*) 22	(*j*) 69	8	34	30	103

(*a*) Out of these, three were not passengers.
(*b*) " " four " "
(*c*) " " five " "
(*d*) " " six " "
(*e*) " " two " "

(*f*) Not passengers.
(*g*) Not a passenger.
(*h*) Out of these, ten were not passengers.
(*i*) " " seven " "
(*j*) " " nine " "

2. The following table compares the variations in the mean mileage worked, the train-mileage run and the number of accidents with the average, and shows that, with an increase of 5·25 per cent. in the mean mileage worked and of 5·87 per cent. in the train-mileage run during the nine months ending with the 30th September 1897, the number of accidents increased by 264 or 7·26 per cent. as compared with the average of the corresponding periods of the two previous years :

	INCREASE OR DECREASE AS COMPARED WITH THE AVERAGE OF THE CORRESPONDING PERIODS OF THE TWO PREVIOUS YEARS.					
	ACCIDENTS.		MEAN MILEAGE.		TRAIN-MILEAGE.	
	Number.	Per cent.	Miles.	Per cent.	Miles.	Per cent.
Standard . .	+242	+12·58	+523	+4·65	+1,882,128	+5·46
Metre . . .	—12	—0·72	+485	+6·18	+1,031,349	+6·76
Special . . .	+34	+61·82	+9	+3·41	+27,283	+7·90
TOTAL .	+264	+7·26	+1,017	+5·25	+2,940,760	+5·87

3. The following table, showing the principal increases and decreases in the number of accidents of different classes on the standard, metre and special gauge lines, brings out the fact that, although the general total showed an increase, there were large variations in the number of accidents of different classes, as compared with the average of the corresponding periods of the two previous years :

GAUGE AND CLASSIFICATION.	INCREASE OR DECREASE.			Percentage of increase or decrease.
	Serious.	Minor.	Total.	
Standard gauge.				
Collisions between goods trains or parts of goods trains	+ 6	—19	—13	—28·89
Goods trains or parts of goods trains, engines, etc., leaving the rails . .	— 4	—45	—49	—44·55
Trains running over cattle on the line .	...	+198	+198	+ 23·49
Trains running over obstructions on the line	— 3	—14	—17	—22·08
The bursting of tubes, etc., of engines .	...	+28	+28	+ 42·42
The failure of machinery, springs, etc., of engines	— 1	+72	+71	+ 29·10
Broken rails	...	+12	+12	+ 50·00
Under the head "Other accidents" . .	— 2	+19	+17	+ 14·78
Metre gauge.				
Goods trains or parts of goods trains, engines, etc., leaving the rails . .	+ 1	—20	—19	— 26·03
Trains running over cattle on the line .	+ 1	+37	+38	+ 4·21
The bursting of tubes, etc., of engines .	...	—31	—31	—56·36
The failure of machinery, springs, etc., of engines	...	—14	—14	—11·48
The failure of axles	+ 9	+10	+19	+ 59·37
The failure of couplings	+ 3	+10	+13	+ 16·05
The flooding of portions of permanent-way .	+ 3	+28	+31	+ 119·23
Fire in trains	...	—22	—22	—45·83
Under the head "Other accidents" . .	— 2	—17	—19	—27·14
Special gauges.				
Passenger trains or parts of passenger trains leaving the rails	+17	+ 1	+18	+ 600·00
Trains running over cattle on the line .	...	+17	+17	+ 242·86

It will be observed from the foregoing that the increases on the standard gauge lines occurred under "Trains running over cattle on the line," 198 accidents or 23·49 per cent., partly due, it is believed, to the drought and consequent scarcity of fodder, villagers having in many cases driven their cattle on to the railway line to graze, and partly also to the opening of new lines ; under "The bursting of tubes, etc., of engines", 28 accidents or 42·42 per cent.;under "The failure of machinery, springs, etc., of engines ", 71 accidents or 29·10 per cent.; and under the head "Other accidents", 17 accidents or 14·78 per cent. ; on the metre-gauge railways under " Trains running over cattle on the line", 38 accidents or 4·21 per cent., possibly due to the cause noted above ; under " The failure of axles", 19 accidents or 59·37 per cent.; under " The flooding of portions of permanent-way", 31 accidents or 119·23 per cent.; and on the special gauge lines under " Passenger trains or parts of passenger trains leaving the rails", 18 accidents or 600·00 per cent.; under " Trains running over cattle on the line," 17 accidents or 242·86 per cent.

4. Under the head " The failure of machinery, springs, etc., of engines " the largest number, *viz.*, 77, occurred on the East Indian railway ; next to that line come the North Western State with 64, and the Great Indian Peninsula and the Bombay, Baroda and Central India railways with 62 on each ; under the head " Other accidents", the largest number, *viz.*, 34, occurred on each of the lines, the East Indian and the Great Indian Peninsula railways ; next to them comes the North Western State railway with 21 ; under the head "The failure of axles", the largest number, *viz.*, 27, occurred on the Southern Mahratta railway ; under the head " The flooding of portions of permanent way", although the largest number, *viz.*, 26, occurred on the North Western State railway, but the increase as noticed above (*vide* para. 3) occurred on the metre-gauge lines on which gauge the largest number, *viz.*, 22, occurred on the Southern Mahratta railway ; under the head " Passenger trains or parts of passenger trains leaving the rails", although the largest number, *viz.*, 12, occurred on the Eastern Bengal State railway, the increase under this head as noticed above occurred on the special gauge lines, the largest number on these railways having occurred on the Jorhát and the Darjeeling-Himalayan railways, *viz.*, 6 on each.

5. The number of cattle accidents was largest on the Southern Mahratta railway, *viz.*, 265 ; next comes the South Indian railway with 235, then the North Western State railway with 173, the East Indian railway with 165, the Rajputana-Malwa railway with 135 and the Eastern Bengal State railway (standard gauge) with 131.

In relation to the train-mileage run, the highest proportion was on the Cooch Behar railway, which gave an average of 1 accident in 4,633 train-miles run ; the Assam-Bengal railway coming next with an average of 1 in 5,657 ; then the Morvi, the Jodhpore-Bickaneer, the Nizam's Guaranteed State, and the East Coast State railways with averages of 1 in 7,444, 1 in 9,181, 1 in 9,754 and 1 in 10,531, respectively. The lowest proportion was on the Great Indian Peninsula railway, *viz.*, 1 in 279,560 train-miles run, the Gaekwar's Dabhoi railway coming next with 1 in 63,977, then the East Indian railway with 1 in 59,891, the Burma railways with 1 in 52,064, the Bombay, Baroda and Central India railway with 1 in 44,268, and the North Western State railway with 1 in 39,029.

6. Taking the total number of accidents to trains, rolling stock, permanent-way, etc., on each railway as given in table No. 3, the proportion of accidents to train-mileage run was highest on the Cooch Behar railway, on which 1 accident occurred on an average in 1,324 train-miles ; next comes the Jorhát State railway, with 1 accident in 1,747 train-miles ; then the Assam-Bengal, the Morvi, the Bengal Dooars and the Dibru-Sadiya railways with averages of 1 in 2,829, 1 in 4,060, 1 in 4,083 and 1 in 4,613, respectively. The lowest proportion was on the Great Indian Peninsula railway, *viz.*, 1 in 27,085, the East Indian railway coming next with 1 in 24,582, then the Burma railways with 1 in 19,647, the North Western State railway with 1 in 17,492, the Oudh and Rohilkhand State railway with 1 in 17,359 and the Rajputana-Malwa railway with 1 in 17,244.

II.—Accidents from other causes not involving accidents to trains, etc.

7. The casualties to passengers, servants in the employ of railways or of contractors, and to others, from causes not involving accidents to trains (which are detailed in abstract No. 2) are compared separately, for each gauge, with the average of the corresponding periods of the two previous years in the table below:

Gauges.	Nine months ending with the 30th September 1897.								Average of the corresponding periods of the two previous years.							
	Passengers.		Servants.		Others.		Total.		Passengers.		Servants.		Others.		Total.	
	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed.	Injured.
Standard	30	119	125	201	427	91	582	411	40	94	84	184	244	64	368	342
Metre	5	53	36	58	137	56	178	167	15	37	29	60	109	42	153	139
Special	...	...	1	3	2	2	3	5	...	...	...	5	1	2	1	7
Total	35	172	162	262	566	149	763	583	55	131	113	249	354	108	522	488

It will be seen from the foregoing table that the number of persons killed and injured compares unfavourably with the average of the corresponding periods of the two previous years. The increase is attributable, to some extent, to the opening of new lines.

III.—Accidents in which the movement of vehicles used exclusively upon railways was not concerned.

8. The following table shows, for the several gauges, the number of persons reported to have been killed or injured by accidents in which the movement of vehicles used exclusively upon railways was not concerned. Comparative figures for the corresponding previous period are also given:

	Nine months ending with the 30th September 1897.		Nine months ending with the 30th September 1896.	
	Killed.	Injured.	Killed.	Injured
Standard	27	110	37	118
Metre	21	45	12	27
Special	...	1	...	1
Total	48	156	49	146

IV.—Statistical results.

9. The following table gives certain statistical results for the period under review, comparing the number of passengers killed and injured by accidents to trains and from all causes with the number carried and the number of passenger-units carried one mile. Comparative results, based on the average

figures of the corresponding periods of the two previous years, are also given:

Particulars.		Nine months ending with the 30th September 1897.				Average of the corresponding periods of the two previous years.			
		Standard.	Metre.	Special.	Total.	Standard.	Metre.	Special.	Total.
Mean mileage worked	Miles.	11,777	8,330	273	20,380	11,254	7,845	264	19,363
Train-mileage run	Miles.	36,374,572	16,278,868	372,570	53,026,010	34,492,444	15 247,519	345,287	50,085,250
Number of passengers carried	No.	63,254,571	42,013,094	675,182	105,942,847	67,771,902	41,731,954	715,686	110,219,542
Number of passenger-units carried one mile	No.	2,912,863,576	1,536,164,335	17,776,467	4,466,804,378	3,114,583,889	1,578,611,986	18,787,493	4,711,983,368
Number of accidents	No.	2,165	1,648	89	3,902	1,923	1,660	55	3,638
Do. do. per 100,000 train-miles run	No.	5·95	10·13	23·89	7·36	5·58	10·89	15·93	6·27
Number of passengers killed by accidents to trains	No.	6	16	...	22	9	6	...	15
Proportion of above to number carried	No.	1 in 10,542,428	1 in 2,625,818	...	1 in 4,815,584	1 in 7,530,211	1 in 6,955,326	...	1 in 7,347,969
Number of passengers injured by accidents to trains	No.	822	23	...	105	44	16	...	60
Proportion of above to number carried	No.	1 in 771,397	1 in 1,826,656	...	1 in 1,008,979	1 in 1,540,270	1 in 2,608,247	...	1 in 1,836,992
Number of passengers killed from all causes	No.	36	21	...	57	49	21	...	70
Proportion of above to number carried	No.	1 in 1,757,071	1 in 2,000,624	...	1 in 1,858,646	1 in 1,383,100	1 in 1,987,236	...	1 in 1,574,565
Number of passengers injured from all causes	No.	201	76	...	277	138	53	...	191
Proportion of above to number carried	No.	1 in 314,699	1 in 552,804	...	1 in 382,465	1 in 491,101	1 in 787,395	...	1 in 577,066
Number of passengers killed and injured from all causes	No.	237	97	...	334	187	74	...	261
Proportion of above to number carried	No.	1 in 266,897	1 in 433,125	...	1 in 317,194	1 in 362,417	1 in 563,945	...	1 in 422,297
Proportion of passengers killed and injured from all causes to number of passenger-units carried one mile	No.	1 in 12,290,564	1 in 15,836,746	...	1 in 13,373,666	1 in 16,655,529	1 in 21,332,594	...	1 in 18,053,576

It will be seen that the comparison is generally unfavourable for the reasons explained in para. I (1) *ante*.

V.—Number of persons killed and injured by accidents to trains, rolling stock, etc., during the third quarter of 1897.

10. The following table gives the number of accidents, as classified in abstract No. 4 of the returns, which resulted in loss of life, or injury to persons, and shows the railways on which they occurred:

Railway.	Number of accidents reported during the third quarter of 1897.	Passengers and others.		Servants.		Total.	
		Killed.	Injured.	Killed.	Injured	Killed.	Injured.
Standard gauge.							
East Indian	5	2	2	1	1	3	3
Bengal Central	1	...	1	...	...	...	1
North Western State	3	...	9	...	1	...	10
Eastern Bengal State	1	...	1	...	...	...	1
Great Indian Peninsula	3	...	1	1	1	1	2
Metre gauge.	1	...	...	...	2	...	2
Rajputana-Malwa	4	16	20	4	7	20	27
Southern Mahratta	1	...	1	...	...	...	1
Cawnpore-Burhwal							
Special gauge.							
Gaekwar's Dabhoi	1	1	...	...	...	1	...
Total	20	19	35	6	12	25	47
Average of the two corresponding quarters of 1895 and 1896	13	7	16	4	10	11	26

The increase in the total number of persons injured during the third quarter of 1897, as compared with the average of the corresponding quarters of the two previous years, was mainly, as already explained in para. 1, due to the accident of the 23rd September 1897, on the Southern Mahratta railway. Particulars of this accident are briefly given in para. 11.

11. A brief description of accidents which resulted in loss of life, or injury to persons is given below:

East Indian railway.—On the 2nd July 1897, during shunting operations at Khúsrúpur station, an open door of a third class compartment on a down passenger train struck and slightly injured a passenger in a down mail train.

On the 18th July 1897, an up special goods train left Nargungoo (Block hut) station without the brakes of a proportion of the wagons being pinned down at each end of the train, and the driver losing control on a heavy gradient, it collided with the rear of another train while the latter was backing into a siding at Nawádih. The rolling stock and permanent-way were considerably damaged, and a fireman was killed.

On the 21st August 1897, an up goods train collided with a down passenger train at mile 524/16, between Gaipura and Nahwai stations, owing to the negligence of the driver of the former train in not having stopped at Gaipura station. Both the trains were wrecked and two passengers killed.

On the 11th September 1897, the door of a wagon attached to an up passenger special train collided with a down passenger train, rebounded and struck and injured a passenger travelling in the former.

On the 13th September 1897, an up goods train came to a stand at the water column at Phaphúnd station, having the rear brake van and two wagons foul of the crossing. The driver of a down light engine having received the line clear, started and collided with the rear vehicles of the goods train. A railway servant was injured.

Bengal Central railway.—On the 17th September 1897, the engine of a down mixed train collided with the brake van of a down goods train standing on the main line at Benapole station, owing to want of caution on the part of the traffic staff. A passenger was slightly injured.

North Western State railway.—On the 3rd July 1897, a down mixed train collided with a down goods train at Kartárpur station, owing to the former train having entered the station against signals. Six passengers were slightly injured, and the rolling stock was considerably damaged.

On the 6th August 1897, a down passenger train collided with a down goods train at the Jullundur Cantonment station, due to the former train having been shunted, through carelessness of the traffic staff, on to the dead end line where the down goods train was standing. A passenger and a railway servant were slightly injured, and the rolling stock was considerably damaged.

On the 23rd September 1897, a down mail train collided with a transport train standing at Bokra station, owing to the former train having been put on the wrong line through the carelessness of the traffic staff. A postal sorter and a passenger were very slightly injured.

Eastern Bengal State railway (*standard gauge*).—On the 19th July 1897, a down passenger train, while entering the Sealdah station, was, through carelessness of the switchman, put on two lines, and the engine and two third class carriages were derailed. A passenger was slightly injured.

Great Indian Peninsula railway.—On the 11th July 1897, during shunting operations at the Bhore Ghât reversing station, an engine collided with some ghaut brakes, owing to the points being wrongly set. A railway servant was slightly injured.

On the 4th September 1897, a shunting engine with a wagon attached in front of it collided with another engine in the Dhond station yard. A pointsman who was standing on the buffers of the shunting engine was killed in the accident.

On the 28th September 1897, a down passenger train collided with a down goods train at Martur station, due to the points having been wrongly set. A passenger was slightly injured.

Rajputana-Malwa railway.—On the 6th July 1897, six wagons which had received a push from the shunting engine at Mendu station, ran down a gradient towards the distant signal and collided with a light engine which was returning from Háthras junction low level yard. Two railway servants were slightly injured.

Southern Mahratta railway.—On the 8th July 1897, an up special goods train parted at the east distant signal of Nágargáli station, owing to the breakage of the coupling of a wagon due to a flaw in the metal. The rear portion consisting of 21 wagons and two brake vans ran back to mile 41/20 between Alnávar and Kambárganvi stations, and collided with an up special goods train, with the result that the engine and 12 wagons were capsized and telescoped in a cutting, and the brake van of the parted portion was completely smashed. Four railway servants were injured.

On the 11th August 1897, an up goods train parted at mile 28/6, between Nágargáli and Devarayi stations, owing to the breakage of the coupling hook of a wagon due to a bad flaw. The rear portion of the train ran back towards Tavargatti station, where it was turned into the dead end siding, and two vehicles were capsized and nine derailed. One railway servant was injured.

On the 21st September 1897, owing to heavy rain, the ballast from under the sleepers was washed away for a length of one telegraph post at mile 236/8, between Bidadi and Closepet stations, and the engine of a down mixed train, nine wagons and three third class carriages were derailed. Four passengers in the train were injured, and the rolling stock was considerably damaged.

On the 23rd September 1897, owing to the failure of the Malur bridge at mile 246/12, between Channapatna and Mudgere stations, the engine, one accident van and four third class carriages of a down mixed train were precipitated into the river, the next carriage (a second class) hung over the side of a pier, the lower end being partly submerged in water and the succeeding first class hung a little over the gap. About sixteen passengers and four railway servants were killed and sixteen passengers and two railway servants were injured, and the rolling stock was considerably damaged.

Cawnpore-Burhwal railway.—On the 28th July 1897, an up passenger train ran through a level-crossing gate near Cawnpore station, and the gateman's son, who was sleeping near the gate, was injured.

The Gaekwar's Dabhoi railway.—On the 17th July 1897, an up mixed train ran over a man who was sleeping on the line at mile 37/12—13, between Bodeli and Báhádarpur stations, and four wagons of the train were derailed.

ORDER.—Ordered that the above note, with the abstract returns be communicated, for information, to the Local Governments and Administrations, and to the officers noted in the margin.

The Governments of Madras, Bombay, Bengal, the North-Western Provinces and Oudh, the Punjab, and Burma.
The Chief Commissioners of the Central Provinces, Assam, and Coorg.
The Resident at Hyderabad.
The Resident in Mysore.
The Agents to the Governor General for Rajputana, Central India, and Baluchistan.
The Consulting Engineers to the Government of India for Railways, Calcutta, Lucknow, and Assam.
The Managers, North Western State, Oudh and Rohilkhand State, Eastern Bengal State, and East Coast State Railways.
The Engineers-in-Chief, Mari-Attock, Indus Bridge Works, Bezwada-Madras, Rae Bareli-Benares, and Hardwar-Debra Railways.

Ordered also, that copies be forwarded for the information of Her Majesty's Government.

Ordered, further, that the above note, with the abstract returns, be published in the Supplement to the *Gazette of India*.

Wm. McEllimmy *Capt., R.E.,*
Offg. Under Secretary.

Document accompanying.

Abstract returns of accidents for the nine months ending with the 30th September 1897.

G. I. C. P. O.—No. 1549 P. W. D.—23-3-98.—628—T. C. S.

To The Joint Secretary to the Govt of Madras.
Public Works Deptt. (Ry Branch)