

# Public Works (1893) Department.

RAILWAY BRANCH.

G.O., No. 72/R

DATED 14<sup>th</sup> April

[Despatch Abstract.]

*Return of accidents on Indian Railways.*

*Resolution of the Govt of India on the - for  
six months ending 30<sup>th</sup> June 1892, Commu-  
- nicated to the Consulting Engineer for  
Railways.*

Indexed.

[illegible]

| PAPERS. |     |             |       |      |     |             |       |
|---------|-----|-------------|-------|------|-----|-------------|-------|
| G.O.    | No. | Department. | Date. | G.O. | No. | Department. | Date. |
|         |     |             |       |      |     |             |       |

G. I. C. F. O. - No. 101 D. G. B. - 12-3-43. - 122.

# ABSTRACT No. 1.

## GENERAL TOTAL.

NUMBER of PERSONS reported, during the SIX MONTHS ending 30th June 1892, 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.

|                                                                                                            | Killed.    | Injured.   |
|------------------------------------------------------------------------------------------------------------|------------|------------|
| <b>PASSENGERS :—</b>                                                                                       |            |            |
| From accidents to trains, rolling-stock, permanent-way, etc. . . . .                                       | 5          | 39         |
| By accidents from other causes, including accidents from their own want of caution or misconduct . . . . . | 27         | 79         |
| <b>SERVANTS :—</b>                                                                                         |            |            |
| From accidents to trains, rolling-stock, permanent-way, etc. . . . .                                       | 16         | 29         |
| By accidents from other causes, including accidents from their own want of caution or misconduct . . . . . | 95         | 302        |
| <b>OTHER PERSONS :—</b>                                                                                    |            |            |
| Whilst passing over railways at level-crossings . . . . .                                                  | 14         | 11         |
| Trespassers . . . . .                                                                                      | 113        | 40         |
| Suicides . . . . .                                                                                         | 31         | 2          |
| Miscellaneous, not included in either of the above . . . . .                                               | 4          | 7          |
| <b>TOTAL</b>                                                                                               | <b>305</b> | <b>509</b> |

## ABSTRACT

| Serial Number.                           | RAILWAYS.                                | PASSENGERS.                                               |          |                                                  |          |                                                                                  |          |                                          |          |                                      |          |                                                              |          |                     |          |         |          | PASSENGERS.                                      |          |                                                           |          |                                |          |                                         |          |                                                                               |          |                                                                                       |          |                                            |          |                                             |    |
|------------------------------------------|------------------------------------------|-----------------------------------------------------------|----------|--------------------------------------------------|----------|----------------------------------------------------------------------------------|----------|------------------------------------------|----------|--------------------------------------|----------|--------------------------------------------------------------|----------|---------------------|----------|---------|----------|--------------------------------------------------|----------|-----------------------------------------------------------|----------|--------------------------------|----------|-----------------------------------------|----------|-------------------------------------------------------------------------------|----------|---------------------------------------------------------------------------------------|----------|--------------------------------------------|----------|---------------------------------------------|----|
|                                          |                                          | FROM CAUSES OTHER THAN ACCIDENTS TO TRAINS, ETC.          |          |                                                  |          |                                                                                  |          |                                          |          |                                      |          |                                                              |          |                     |          |         |          | FROM CAUSES OTHER THAN ACCIDENTS TO TRAINS, ETC. |          |                                                           |          |                                |          |                                         |          |                                                                               |          |                                                                                       |          |                                            |          |                                             |    |
|                                          |                                          | From accidents to trains, etc.—see Abstract Nos. 3 and 4. |          | 1. From falling between carriages and platforms. |          | 2. Falling on to the platform, ballast, etc., when getting into or out of train. |          | 3. Whilst crossing the line at stations. |          | 4. By the closing of carriage doors. |          | 5. Falling out of carriages during the travelling of trains. |          | 6. Other accidents. |          | Total.  |          | TOTAL PASSENGERS.                                |          | From accidents to trains, etc.—see Abstract Nos. 3 and 4. |          | 1. During shunting operations. |          | 2. Falling off engine, van, wagon, etc. |          | 3. Coming in contact with over-brakes, etc., during the travelling of trains. |          | 4. Coming in contact, while shunting, with trucks, etc., standing in adjoining lines. |          | 5. Getting on or off trains, engines, etc. |          | 6. Whilst loading or unloading at shunting. |    |
| Killed.                                  | Injured.                                 | Killed.                                                   | Injured. | Killed.                                          | Injured. | Killed.                                                                          | Injured. | Killed.                                  | Injured. | Killed.                              | Injured. | Killed.                                                      | Injured. | Killed.             | Injured. | Killed. | Injured. | Killed.                                          | Injured. | Killed.                                                   | Injured. | Killed.                        | Injured. | Killed.                                 | Injured. | Killed.                                                                       | Injured. | Killed.                                                                               | Injured. | Killed.                                    | Injured. |                                             |    |
| STATE LINES WORKED BY COMPANIES.         |                                          |                                                           |          |                                                  |          |                                                                                  |          |                                          |          |                                      |          |                                                              |          |                     |          |         |          |                                                  |          |                                                           |          |                                |          |                                         |          |                                                                               |          |                                                                                       |          |                                            |          |                                             |    |
| Standard Gauge.                          |                                          |                                                           |          |                                                  |          |                                                                                  |          |                                          |          |                                      |          |                                                              |          |                     |          |         |          |                                                  |          |                                                           |          |                                |          |                                         |          |                                                                               |          |                                                                                       |          |                                            |          |                                             |    |
| I                                        | East Indian (a)                          | 8                                                         | 3        | 2                                                |          | 5                                                                                | 1        | 1                                        |          | 3                                    | 5        | 1                                                            | 2        | 8                   | 15       | 8       | 23       | 1                                                | 1        | 4                                                         | 3        | 1                              |          |                                         |          |                                                                               |          |                                                                                       | 1        | 1                                          | 4        |                                             |    |
| III                                      | Bengal-Nagpur                            | 1                                                         |          |                                                  |          |                                                                                  |          |                                          |          | 1                                    | 1        | 1                                                            |          | 1                   | 2        | 1       | 3        | 1                                                | 1        | 1                                                         |          |                                |          |                                         |          |                                                                               |          |                                                                                       |          |                                            |          |                                             |    |
| IV                                       | Indian Midland (b)                       |                                                           |          |                                                  |          |                                                                                  |          |                                          |          | 1                                    | 5        |                                                              |          | 1                   | 5        | 1       | 5        |                                                  |          |                                                           |          |                                |          |                                         |          |                                                                               |          |                                                                                       |          |                                            |          |                                             |    |
| Metro Gauge.                             |                                          |                                                           |          |                                                  |          |                                                                                  |          |                                          |          |                                      |          |                                                              |          |                     |          |         |          |                                                  |          |                                                           |          |                                |          |                                         |          |                                                                               |          |                                                                                       |          |                                            |          |                                             |    |
| X                                        | Bengal and North Western—Tirhoot Section |                                                           |          |                                                  |          |                                                                                  |          |                                          |          |                                      |          |                                                              |          |                     |          |         |          |                                                  |          |                                                           |          |                                |          |                                         |          |                                                                               |          |                                                                                       |          |                                            |          |                                             |    |
| XII                                      | Rajputana-Malwa (c)                      | 3                                                         | 2        |                                                  |          | 1                                                                                |          |                                          |          | 1                                    |          |                                                              |          | 1                   |          | 1       | 8        |                                                  |          |                                                           |          |                                |          |                                         |          |                                                                               |          |                                                                                       |          |                                            |          |                                             |    |
| XIII                                     | Southern Mahratta (d)                    |                                                           |          |                                                  |          |                                                                                  |          |                                          |          | 1                                    | 8        |                                                              |          | 1                   | 9        | 4       | 11       | 5                                                | 3        | 3                                                         | 1        | 2                              |          |                                         |          |                                                                               |          |                                                                                       |          |                                            |          |                                             |    |
| XV                                       | South India                              | 1                                                         | 9        | 1                                                |          |                                                                                  |          |                                          |          | 1                                    | 1        |                                                              |          | 1                   | 2        | 2       | 11       | 1                                                | 1        | 1                                                         | 1        | 2                              |          |                                         |          |                                                                               |          |                                                                                       | 1        | 5                                          |          |                                             |    |
| STATE LINES WORKED BY THE STATE.         |                                          |                                                           |          |                                                  |          |                                                                                  |          |                                          |          |                                      |          |                                                              |          |                     |          |         |          |                                                  |          |                                                           |          |                                |          |                                         |          |                                                                               |          |                                                                                       |          |                                            |          |                                             |    |
| Standard Gauge.                          |                                          |                                                           |          |                                                  |          |                                                                                  |          |                                          |          |                                      |          |                                                              |          |                     |          |         |          |                                                  |          |                                                           |          |                                |          |                                         |          |                                                                               |          |                                                                                       |          |                                            |          |                                             |    |
| XIX                                      | North Western (e)                        | 1                                                         | 2        |                                                  | 1        | 1                                                                                |          | 1                                        | 2        | 1                                    | 3        | 16                                                           |          | 7                   | 18       | 8       | 20       | 1                                                | 3        | 2                                                         | 3        | 1                              | 3        |                                         |          |                                                                               |          |                                                                                       | 3        | 2                                          | 3        |                                             |    |
| XXI                                      | Outh and Rohilkhand                      |                                                           |          |                                                  |          |                                                                                  |          |                                          |          |                                      |          |                                                              |          |                     |          |         |          |                                                  |          |                                                           |          |                                |          |                                         |          |                                                                               |          |                                                                                       |          |                                            |          |                                             |    |
| XXII                                     | Eastern Bengal (f)                       | 3                                                         |          |                                                  | 2        | 1                                                                                |          |                                          |          | 1                                    | 8        |                                                              |          | 2                   | 5        | 2       | 6        | 1                                                | 3        | 2                                                         | 3        | 1                              | 3        |                                         |          |                                                                               |          |                                                                                       | 3        | 2                                          | 3        |                                             |    |
| Metro Gauge.                             |                                          |                                                           |          |                                                  |          |                                                                                  |          |                                          |          |                                      |          |                                                              |          |                     |          |         |          |                                                  |          |                                                           |          |                                |          |                                         |          |                                                                               |          |                                                                                       |          |                                            |          |                                             |    |
| XXX                                      | Burma (g)                                |                                                           |          |                                                  |          |                                                                                  |          |                                          |          |                                      |          |                                                              |          |                     |          |         |          |                                                  |          |                                                           |          |                                |          |                                         |          |                                                                               |          |                                                                                       | 1        | 1                                          | 3        |                                             |    |
| Special Gauge.                           |                                          |                                                           |          |                                                  |          |                                                                                  |          |                                          |          |                                      |          |                                                              |          |                     |          |         |          |                                                  |          |                                                           |          |                                |          |                                         |          |                                                                               |          |                                                                                       |          |                                            |          |                                             |    |
| XXXIV                                    | Jorhat                                   |                                                           |          |                                                  |          |                                                                                  |          |                                          |          |                                      |          |                                                              |          |                     | 4        |         | 4        |                                                  |          |                                                           |          |                                |          |                                         |          |                                                                               |          |                                                                                       | 1        | 1                                          | 1        |                                             |    |
| LINES WORKED BY GUARANTEED COMPANIES.    |                                          |                                                           |          |                                                  |          |                                                                                  |          |                                          |          |                                      |          |                                                              |          |                     |          |         |          |                                                  |          |                                                           |          |                                |          |                                         |          |                                                                               |          |                                                                                       |          |                                            |          |                                             |    |
| Standard Gauge.                          |                                          |                                                           |          |                                                  |          |                                                                                  |          |                                          |          |                                      |          |                                                              |          |                     |          |         |          |                                                  |          |                                                           |          |                                |          |                                         |          |                                                                               |          |                                                                                       |          |                                            |          |                                             |    |
| XXXV                                     | Great Indian Peninsula (A)               |                                                           |          |                                                  |          | 2                                                                                |          | 1                                        |          | 2                                    | 2        | 1                                                            | 6        | 1                   | 6        |         | 9        | 2                                                | 7        | 3                                                         | 1        |                                |          |                                         |          |                                                                               |          |                                                                                       | 1        | 6                                          | 11       |                                             |    |
| XXXVI                                    | Bombay, Baroda and Central India (i).    | 14                                                        |          |                                                  | 1        |                                                                                  |          |                                          |          | 1                                    |          |                                                              | 1        | 1                   | 1        | 15      |          |                                                  |          |                                                           |          |                                |          |                                         |          |                                                                               |          |                                                                                       |          |                                            | 4        |                                             |    |
| XXXVII                                   | Madras                                   |                                                           |          |                                                  |          |                                                                                  |          |                                          |          |                                      |          |                                                              |          |                     |          |         |          |                                                  |          |                                                           |          |                                |          |                                         |          |                                                                               |          |                                                                                       |          |                                            |          |                                             |    |
| ASSISTED COMPANIES.                      |                                          |                                                           |          |                                                  |          |                                                                                  |          |                                          |          |                                      |          |                                                              |          |                     |          |         |          |                                                  |          |                                                           |          |                                |          |                                         |          |                                                                               |          |                                                                                       |          |                                            |          |                                             |    |
| Metro Gauge.                             |                                          |                                                           |          |                                                  |          |                                                                                  |          |                                          |          |                                      |          |                                                              |          |                     |          |         |          |                                                  |          |                                                           |          |                                |          |                                         |          |                                                                               |          |                                                                                       |          |                                            |          |                                             |    |
| XL                                       | Deoghur                                  |                                                           |          |                                                  |          |                                                                                  |          |                                          |          |                                      |          |                                                              |          |                     |          |         |          |                                                  |          |                                                           |          |                                |          |                                         |          |                                                                               |          |                                                                                       |          |                                            |          |                                             |    |
| XLI                                      | Rohilkhand-Kumaon (j)                    |                                                           |          |                                                  |          |                                                                                  |          |                                          |          |                                      |          |                                                              |          |                     |          |         |          |                                                  |          |                                                           |          |                                |          |                                         |          |                                                                               |          |                                                                                       |          |                                            |          |                                             |    |
| XLII                                     | Dibru-Sadiya                             |                                                           |          |                                                  |          |                                                                                  |          |                                          |          |                                      |          |                                                              |          |                     |          |         |          |                                                  |          |                                                           |          |                                |          |                                         |          |                                                                               |          |                                                                                       |          |                                            |          |                                             |    |
| Special Gauges.                          |                                          |                                                           |          |                                                  |          |                                                                                  |          |                                          |          |                                      |          |                                                              |          |                     |          |         |          |                                                  |          |                                                           |          |                                |          |                                         |          |                                                                               |          |                                                                                       |          |                                            |          |                                             |    |
| XLV                                      | Darjeeling-Himalayan                     |                                                           |          |                                                  |          |                                                                                  |          |                                          |          |                                      |          |                                                              |          |                     |          |         |          |                                                  |          |                                                           |          |                                |          |                                         |          |                                                                               |          |                                                                                       |          |                                            |          |                                             |    |
| NATIVE STATES LINES WORKED BY COMPANIES. |                                          |                                                           |          |                                                  |          |                                                                                  |          |                                          |          |                                      |          |                                                              |          |                     |          |         |          |                                                  |          |                                                           |          |                                |          |                                         |          |                                                                               |          |                                                                                       |          |                                            |          |                                             |    |
| Standard Gauge.                          |                                          |                                                           |          |                                                  |          |                                                                                  |          |                                          |          |                                      |          |                                                              |          |                     |          |         |          |                                                  |          |                                                           |          |                                |          |                                         |          |                                                                               |          |                                                                                       |          |                                            |          |                                             |    |
| L                                        | The Nizam's Guaranteed State (k)         |                                                           |          |                                                  |          | 1                                                                                |          |                                          |          | 1                                    |          |                                                              |          | 2                   |          | 2       |          |                                                  |          |                                                           |          |                                |          |                                         |          |                                                                               |          |                                                                                       |          |                                            |          |                                             |    |
| Special Gauge.                           |                                          |                                                           |          |                                                  |          |                                                                                  |          |                                          |          |                                      |          |                                                              |          |                     |          |         |          |                                                  |          |                                                           |          |                                |          |                                         |          |                                                                               |          |                                                                                       |          |                                            |          |                                             |    |
| LIV                                      | The Garkwar's Dabhoi                     |                                                           |          |                                                  |          |                                                                                  |          |                                          |          |                                      |          |                                                              |          | 1                   |          | 1       |          | 1                                                |          |                                                           |          |                                |          |                                         |          |                                                                               |          |                                                                                       |          | 1                                          |          |                                             |    |
| NATIVE STATES LINES.                     |                                          |                                                           |          |                                                  |          |                                                                                  |          |                                          |          |                                      |          |                                                              |          |                     |          |         |          |                                                  |          |                                                           |          |                                |          |                                         |          |                                                                               |          |                                                                                       |          |                                            |          |                                             |    |
| Metro Gauge.                             |                                          |                                                           |          |                                                  |          |                                                                                  |          |                                          |          |                                      |          |                                                              |          |                     |          |         |          |                                                  |          |                                                           |          |                                |          |                                         |          |                                                                               |          |                                                                                       |          |                                            |          |                                             |    |
| LIX                                      | Jodhpore-Bikaner                         |                                                           |          |                                                  |          |                                                                                  |          |                                          |          |                                      |          |                                                              |          |                     |          |         |          |                                                  |          |                                                           |          |                                |          |                                         |          |                                                                               |          |                                                                                       |          |                                            |          |                                             |    |
| LX                                       | Bilaspur-Gondal-Junggarh-Portland.       |                                                           |          |                                                  |          |                                                                                  |          |                                          |          |                                      |          |                                                              |          |                     |          |         |          |                                                  |          |                                                           |          |                                |          |                                         |          |                                                                               |          |                                                                                       |          |                                            |          |                                             |    |
| Special Gauge.                           |                                          |                                                           |          |                                                  |          |                                                                                  |          |                                          |          |                                      |          |                                                              |          |                     |          |         |          |                                                  |          |                                                           |          |                                |          |                                         |          |                                                                               |          |                                                                                       |          |                                            |          |                                             |    |
| LXI                                      | Morvi                                    |                                                           |          |                                                  |          |                                                                                  |          |                                          |          |                                      |          |                                                              |          |                     |          |         |          |                                                  |          |                                                           |          |                                |          |                                         |          |                                                                               |          |                                                                                       |          |                                            |          |                                             |    |
| TOTAL                                    |                                          | Average for corresponding periods of two previous years   |          | 1892 . . . . .                                   | 639      | 4                                                                                | 4        | 5                                        | 0        | 3                                    | 2        | 8                                                            | 1        | 10                  | 37       | 2       | 6        | 79                                               | 32       | 118                                                       | 16       | 29                             | 10       | 18                                      | 16       | 19                                                                            | 1        | 3                                                                                     | 1        | 9                                          | 22       | 4                                           | 63 |
|                                          |                                          |                                                           |          | 1891 . . . . .                                   | 119      | 5                                                                                | 10       | 3                                        | 10       | 3                                    | 1        | 2                                                            | 16       | 55                  | 6        | 16      | 31       | 96                                               | 32       | 115                                                       | 11       | 31                             | 8        | 16                                      | 7        | 26                                                                            | 2        | 3                                                                                     |          | 2                                          | 11       | 324                                         |    |

| No. 2.                                                                                                                                                                                 |  | OTHERS. |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------|--|
| 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. |  |         |  |
| VANS.                                                                                                                                                                                  |  |         |  |

[illegible]

# ABSTRACT No. 3.

ACCIDENTS TO TRAINS, ROLLING-STOCK, PERMANENT-WAY, ETC., REPORTED, DURING THE SIX MONTHS ENDING 30th JUNE 1892, 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.

|                                                                                                                    | East India (a) |                                  |                    | Bengal-Nepal (b) |                                  |                    | IV. Indian Railways (c) |                                  |                    | X. (Hindustan and North Western—Tinsuk and Company's Sections) |                                  |                    |
|--------------------------------------------------------------------------------------------------------------------|----------------|----------------------------------|--------------------|------------------|----------------------------------|--------------------|-------------------------|----------------------------------|--------------------|----------------------------------------------------------------|----------------------------------|--------------------|
|                                                                                                                    | Number.        | Number of passengers and others. | Total all classes. | Number.          | Number of passengers and others. | Total all classes. | Number.                 | Number of passengers and others. | Total all classes. | Number.                                                        | Number of passengers and others. | Total all classes. |
|                                                                                                                    |                |                                  |                    |                  |                                  |                    |                         |                                  |                    |                                                                |                                  |                    |
| 1. Collisions between passenger trains or parts of passenger trains                                                | 1              | 1                                | 1                  | 1                | 1                                | 1                  | 1                       | 1                                | 1                  | 1                                                              | 1                                | 1                  |
| 2. Collisions between passenger trains and goods or mineral trains, engines and vehicles standing foul of the line | 4              | 4                                | 4                  | 1                | 1                                | 1                  | 1                       | 1                                | 1                  | 1                                                              | 1                                | 1                  |
| 3. Collisions between goods trains or parts of goods trains                                                        | 4              | 4                                | 4                  | 1                | 1                                | 1                  | 1                       | 1                                | 1                  | 1                                                              | 1                                | 1                  |
| 4. Collisions between light engines                                                                                | 2              | 2                                | 2                  | 1                | 1                                | 1                  | 1                       | 1                                | 1                  | 1                                                              | 1                                | 1                  |
| 5. Passenger trains or parts of passenger trains leaving the rails                                                 | 12             | 12                               | 12                 | 3                | 3                                | 3                  | 3                       | 3                                | 3                  | 3                                                              | 3                                | 3                  |
| 6. Goods trains or parts of goods trains, engines, etc., leaving the rails                                         | 1              | 1                                | 1                  | 18               | 18                               | 18                 | 2                       | 12                               | 14                 | 1                                                              | 1                                | 1                  |
| 7. Trains or engines travelling in the wrong direction through points                                              | 12             | 12                               | 12                 | 4                | 4                                | 4                  | 1                       | 1                                | 1                  | 1                                                              | 1                                | 1                  |
| 8. Trains running into stations or sidings at too high a speed                                                     | 1              | 1                                | 1                  | 1                | 1                                | 1                  | 1                       | 1                                | 1                  | 1                                                              | 1                                | 1                  |
| 9. Trains running over cattle on the line                                                                          | 77             | 77                               | 77                 | 1                | 1                                | 1                  | 1                       | 1                                | 1                  | 1                                                              | 1                                | 1                  |
| 10. Ditto over obstructions on the line                                                                            | 11             | 11                               | 11                 | 1                | 1                                | 1                  | 1                       | 1                                | 1                  | 1                                                              | 1                                | 1                  |
| 11. Trains running through gates at level-crossings                                                                | 1              | 1                                | 1                  | 1                | 1                                | 1                  | 1                       | 1                                | 1                  | 1                                                              | 1                                | 1                  |
| 12. The bursting of boilers of engines                                                                             | 66             | 66                               | 66                 | 20               | 20                               | 20                 | 17                      | 17                               | 17                 | 1                                                              | 1                                | 1                  |
| 12(a). Ditto of tubes, &c., of engines                                                                             | 2              | 2                                | 2                  | 1                | 1                                | 1                  | 1                       | 1                                | 1                  | 1                                                              | 1                                | 1                  |
| 13. The failure of machinery, springs, etc., of engines                                                            | 2              | 2                                | 2                  | 1                | 1                                | 1                  | 1                       | 1                                | 1                  | 1                                                              | 1                                | 1                  |
| 14. The failure of tires                                                                                           | 2              | 2                                | 2                  | 1                | 1                                | 1                  | 1                       | 1                                | 1                  | 1                                                              | 1                                | 1                  |
| 15. Ditto of wheels                                                                                                | 2              | 2                                | 2                  | 1                | 1                                | 1                  | 1                       | 1                                | 1                  | 1                                                              | 1                                | 1                  |
| 16. Ditto of axle                                                                                                  | 2              | 2                                | 2                  | 1                | 1                                | 1                  | 1                       | 1                                | 1                  | 1                                                              | 1                                | 1                  |
| 17. Ditto of brake apparatus                                                                                       | 10             | 10                               | 10                 | 21               | 21                               | 21                 | 1                       | 1                                | 1                  | 1                                                              | 1                                | 1                  |
| 18. Ditto of couplings                                                                                             | 2              | 2                                | 2                  | 6                | 6                                | 6                  | 1                       | 1                                | 1                  | 1                                                              | 1                                | 1                  |
| 19. Ditto of tunnels, bridges, viaducts, culverts, etc.                                                            | 2              | 2                                | 2                  | 1                | 1                                | 1                  | 1                       | 1                                | 1                  | 1                                                              | 1                                | 1                  |
| 20. Broken rails                                                                                                   | 2              | 2                                | 2                  | 1                | 1                                | 1                  | 1                       | 1                                | 1                  | 1                                                              | 1                                | 1                  |
| 21. The flooding of portions of permanent-way                                                                      | 7              | 7                                | 7                  | 1                | 1                                | 1                  | 1                       | 1                                | 1                  | 1                                                              | 1                                | 1                  |
| 22. Slips in cuttings or embankments                                                                               | 7              | 7                                | 7                  | 1                | 1                                | 1                  | 1                       | 1                                | 1                  | 1                                                              | 1                                | 1                  |
| 23. Fire in trains                                                                                                 | 6              | 6                                | 6                  | 1                | 1                                | 1                  | 1                       | 1                                | 1                  | 1                                                              | 1                                | 1                  |
| 24. Fire at stations, or involving injury to bridges or viaducts                                                   | 2              | 2                                | 2                  | 1                | 1                                | 1                  | 1                       | 1                                | 1                  | 1                                                              | 1                                | 1                  |
| 25. Other accidents                                                                                                | 45             | 45                               | 45                 | 17               | 17                               | 17                 | 2                       | 2                                | 2                  | 1                                                              | 1                                | 1                  |
| TOTAL ALL CLASSES                                                                                                  | 26             | 26                               | 26                 | 130              | 130                              | 130                | 7                       | 7                                | 7                  | 4                                                              | 4                                | 4                  |

(a) Includes the Patna-Ghazipur, Tanakpur, and Delhi Umballa Kalka railways.

(b) Includes the M. N. railway.

ABSTRACT No. 3.—ACCIDENTS TO TRAINS, ROLLING-STOCK, PERMANENT-WAY, ETC., REPORTED DURING THE SIX MONTHS ENDING 30th JUNE 1892, 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—*continued*.

|                                                                                                                    | XIII. Bombay-Matani (a) |                                  |                    | XIII. Bombay-Matani (b) |                                  |                    | XIV. South Indian |                                  |                    | XV. North Western (c) |                                  |                    |
|--------------------------------------------------------------------------------------------------------------------|-------------------------|----------------------------------|--------------------|-------------------------|----------------------------------|--------------------|-------------------|----------------------------------|--------------------|-----------------------|----------------------------------|--------------------|
|                                                                                                                    | Number.                 | Number of passengers and others. | Total all classes. | Number.                 | Number of passengers and others. | Total all classes. | Number.           | Number of passengers and others. | Total all classes. | Number.               | Number of passengers and others. | Total all classes. |
|                                                                                                                    |                         |                                  |                    |                         |                                  |                    |                   |                                  |                    |                       |                                  |                    |
| 1. Collisions between passenger trains or parts of passenger trains                                                | 1                       | 1                                | 1                  | 1                       | 1                                | 1                  | 1                 | 1                                | 1                  | 1                     | 1                                | 1                  |
| 2. Collisions between passenger trains and goods or mineral trains, engines and vehicles standing foul of the line | 1                       | 1                                | 1                  | 1                       | 1                                | 1                  | 1                 | 1                                | 1                  | 1                     | 1                                | 1                  |
| 3. Collisions between goods trains or parts of goods trains                                                        | 1                       | 1                                | 1                  | 1                       | 1                                | 1                  | 1                 | 1                                | 1                  | 1                     | 1                                | 1                  |
| 4. Collision between light engines                                                                                 | 1                       | 1                                | 1                  | 1                       | 1                                | 1                  | 1                 | 1                                | 1                  | 1                     | 1                                | 1                  |
| 5. Passenger trains or parts of passenger trains leaving the rails                                                 | 2                       | 2                                | 2                  | 2                       | 2                                | 2                  | 2                 | 2                                | 2                  | 2                     | 2                                | 2                  |
| 6. Goods trains or parts of goods trains, engines, etc., leaving the rails                                         | 2                       | 2                                | 2                  | 2                       | 2                                | 2                  | 2                 | 2                                | 2                  | 2                     | 2                                | 2                  |
| 7. Trains or engines travelling in the wrong direction through points                                              | 3                       | 3                                | 3                  | 1                       | 1                                | 1                  | 1                 | 1                                | 1                  | 1                     | 1                                | 1                  |
| 8. Trains running into stations or sidings at too high a speed                                                     | 2                       | 2                                | 2                  | 2                       | 2                                | 2                  | 2                 | 2                                | 2                  | 2                     | 2                                | 2                  |
| 9. Trains running over cattle on the line                                                                          | 81                      | 81                               | 81                 | 337                     | 337                              | 337                | 144               | 144                              | 144                | 60                    | 60                               | 60                 |
| 10. Ditto over obstructions on the line                                                                            | 8                       | 8                                | 8                  | 1                       | 1                                | 1                  | 6                 | 6                                | 6                  | 2                     | 2                                | 2                  |
| 11. Trains running through gates at level-crossings                                                                | 3                       | 3                                | 3                  | 2                       | 2                                | 2                  | 10                | 10                               | 10                 | 6                     | 6                                | 6                  |
| 12. The bursting of boilers of engines                                                                             | 16                      | 16                               | 16                 | 19                      | 19                               | 19                 | 2                 | 2                                | 2                  | 19                    | 19                               | 19                 |
| 12(a). Ditto of tubes, etc., of engines                                                                            | 25                      | 25                               | 25                 | 2                       | 2                                | 2                  | 1                 | 1                                | 1                  | 2                     | 2                                | 2                  |
| 13. The failure of machinery, springs, etc., of engines                                                            | 1                       | 1                                | 1                  | 19                      | 19                               | 19                 | 2                 | 2                                | 2                  | 51                    | 51                               | 51                 |
| 14. The failure of tires                                                                                           | 1                       | 1                                | 1                  | 2                       | 2                                | 2                  | 1                 | 1                                | 1                  | 2                     | 2                                | 2                  |
| 15. Ditto of wheels                                                                                                | 1                       | 1                                | 1                  | 2                       | 2                                | 2                  | 1                 | 1                                | 1                  | 2                     | 2                                | 2                  |
| 16. Ditto of axle                                                                                                  | 1                       | 1                                | 1                  | 1                       | 1                                | 1                  | 1                 | 1                                | 1                  | 1                     | 1                                | 1                  |
| 17. Ditto of brake apparatus                                                                                       | 4                       | 4                                | 4                  | 12                      | 12                               | 12                 | 1                 | 1                                | 1                  | 7                     | 7                                | 7                  |
| 18. Ditto of couplings                                                                                             | 42                      | 42                               | 42                 | 1                       | 1                                | 1                  | 1                 | 1                                | 1                  | 1                     | 1                                | 1                  |
| 19. Ditto of tunnels, bridges, viaducts, culverts, etc.                                                            | 5                       | 5                                | 5                  | 1                       | 1                                | 1                  | 1                 | 1                                | 1                  | 1                     | 1                                | 1                  |
| 20. Broken rails                                                                                                   | 5                       | 5                                | 5                  | 1                       | 1                                | 1                  | 1                 | 1                                | 1                  | 1                     | 1                                | 1                  |
| 21. The flooding of portions of permanent-way                                                                      | 4                       | 4                                | 4                  | 1                       | 1                                | 1                  | 1                 | 1                                | 1                  | 1                     | 1                                | 1                  |
| 22. Slips in cuttings or embankments                                                                               | 4                       | 4                                | 4                  | 11                      | 11                               | 11                 | 1                 | 1                                | 1                  | 7                     | 7                                | 7                  |
| 23. Fire in trains                                                                                                 | 4                       | 4                                | 4                  | 1                       | 1                                | 1                  | 1                 | 1                                | 1                  | 1                     | 1                                | 1                  |
| 24. Fire at stations, or involving injury to bridges or viaducts                                                   | 7                       | 7                                | 7                  | 1                       | 1                                | 1                  | 1                 | 1                                | 1                  | 1                     | 1                                | 1                  |
| 25. Other accidents                                                                                                | 225                     | 225                              | 225                | 104                     | 104                              | 104                | 4                 | 4                                | 4                  | 5                     | 5                                | 5                  |
| TOTAL ALL CLASSES                                                                                                  | 3                       | 3                                | 3                  | 1                       | 1                                | 1                  | 4                 | 4                                | 4                  | 5                     | 5                                | 5                  |

(a) Includes the Lucknow-Matani railway.

(b) Includes the Nijore and Kulliyar railways.

(c) Not passengers but caseloads.

(d) Of these two were not passengers.

(e) Includes the Amritsar-Patankot, Rajpore-Bhatinda, and Jammu and Kashmir railways.

ABSTRACT No. 3.—ACCIDENTS TO TRAINS, ROLLING-STOCK, PERMANENT-WAY, etc., reported during the six months ending 30th June 1892, 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—continued.

|                                                                                                                    | XXI.<br>GRAND TOTALS |                                  |                    |        | XXII.<br>EASTERN DIVISION. (a) |                                  |                    |        | XXIII.<br>SOUTH DIVISION. (b) |                                  |                    |        | XXIV.<br>WESTERN DIVISION. |                                  |                    |        |
|--------------------------------------------------------------------------------------------------------------------|----------------------|----------------------------------|--------------------|--------|--------------------------------|----------------------------------|--------------------|--------|-------------------------------|----------------------------------|--------------------|--------|----------------------------|----------------------------------|--------------------|--------|
|                                                                                                                    | Number.              | Number of passengers and others. | Total all classes. | Total. | Number.                        | Number of passengers and others. | Total all classes. | Total. | Number.                       | Number of passengers and others. | Total all classes. | Total. | Number.                    | Number of passengers and others. | Total all classes. | Total. |
|                                                                                                                    |                      |                                  |                    |        |                                |                                  |                    |        |                               |                                  |                    |        |                            |                                  |                    |        |
| 1. Collisions between passenger trains, or parts of passenger trains                                               | 1                    | 1                                | 1                  | 1      | 1                              | 1                                | 1                  | 1      | 1                             | 1                                | 1                  | 1      | 1                          | 1                                | 1                  | 1      |
| 2. Collisions between passenger trains and goods or mineral trains, engines and vehicles standing foul of the line | 1                    | 1                                | 1                  | 1      | 1                              | 1                                | 1                  | 1      | 1                             | 1                                | 1                  | 1      | 1                          | 1                                | 1                  | 1      |
| 3. Collisions between goods trains, or parts of goods trains                                                       | 1                    | 1                                | 1                  | 1      | 1                              | 1                                | 1                  | 1      | 1                             | 1                                | 1                  | 1      | 1                          | 1                                | 1                  | 1      |
| 4. Collisions between light engines                                                                                | 1                    | 1                                | 1                  | 1      | 1                              | 1                                | 1                  | 1      | 1                             | 1                                | 1                  | 1      | 1                          | 1                                | 1                  | 1      |
| 5. Passenger trains or parts of passenger trains leaving the rails                                                 | 1                    | 1                                | 1                  | 1      | 1                              | 1                                | 1                  | 1      | 1                             | 1                                | 1                  | 1      | 1                          | 1                                | 1                  | 1      |
| 6. Goods trains or parts of goods trains, engines, etc., leaving the rails                                         | 1                    | 1                                | 1                  | 1      | 1                              | 1                                | 1                  | 1      | 1                             | 1                                | 1                  | 1      | 1                          | 1                                | 1                  | 1      |
| 7. Trains or engines travelling in the wrong direction through points                                              | 1                    | 1                                | 1                  | 1      | 1                              | 1                                | 1                  | 1      | 1                             | 1                                | 1                  | 1      | 1                          | 1                                | 1                  | 1      |
| 8. Trains running into stations or sidings at too high a speed                                                     | 1                    | 1                                | 1                  | 1      | 1                              | 1                                | 1                  | 1      | 1                             | 1                                | 1                  | 1      | 1                          | 1                                | 1                  | 1      |
| 9. Trains running over cattle on the line                                                                          | 1                    | 1                                | 1                  | 1      | 1                              | 1                                | 1                  | 1      | 1                             | 1                                | 1                  | 1      | 1                          | 1                                | 1                  | 1      |
| 10. Ditto over obstructions on the line                                                                            | 1                    | 1                                | 1                  | 1      | 1                              | 1                                | 1                  | 1      | 1                             | 1                                | 1                  | 1      | 1                          | 1                                | 1                  | 1      |
| 11. Trains running through gates at level-crossings                                                                | 1                    | 1                                | 1                  | 1      | 1                              | 1                                | 1                  | 1      | 1                             | 1                                | 1                  | 1      | 1                          | 1                                | 1                  | 1      |
| 12. The bursting of boilers of engines                                                                             | 1                    | 1                                | 1                  | 1      | 1                              | 1                                | 1                  | 1      | 1                             | 1                                | 1                  | 1      | 1                          | 1                                | 1                  | 1      |
| 12(a). Ditto of tubes, etc., of engines                                                                            | 1                    | 1                                | 1                  | 1      | 1                              | 1                                | 1                  | 1      | 1                             | 1                                | 1                  | 1      | 1                          | 1                                | 1                  | 1      |
| 13. The failure of machinery, springs, etc., of engines                                                            | 1                    | 1                                | 1                  | 1      | 1                              | 1                                | 1                  | 1      | 1                             | 1                                | 1                  | 1      | 1                          | 1                                | 1                  | 1      |
| 14. The failure of wheels                                                                                          | 1                    | 1                                | 1                  | 1      | 1                              | 1                                | 1                  | 1      | 1                             | 1                                | 1                  | 1      | 1                          | 1                                | 1                  | 1      |
| 15. Ditto of axles                                                                                                 | 1                    | 1                                | 1                  | 1      | 1                              | 1                                | 1                  | 1      | 1                             | 1                                | 1                  | 1      | 1                          | 1                                | 1                  | 1      |
| 16. Ditto of brake apparatus                                                                                       | 1                    | 1                                | 1                  | 1      | 1                              | 1                                | 1                  | 1      | 1                             | 1                                | 1                  | 1      | 1                          | 1                                | 1                  | 1      |
| 17. Ditto of couplings                                                                                             | 1                    | 1                                | 1                  | 1      | 1                              | 1                                | 1                  | 1      | 1                             | 1                                | 1                  | 1      | 1                          | 1                                | 1                  | 1      |
| 18. Ditto of tunnels, bridges, viaducts, culverts, etc.                                                            | 1                    | 1                                | 1                  | 1      | 1                              | 1                                | 1                  | 1      | 1                             | 1                                | 1                  | 1      | 1                          | 1                                | 1                  | 1      |
| 19. Broken rails                                                                                                   | 1                    | 1                                | 1                  | 1      | 1                              | 1                                | 1                  | 1      | 1                             | 1                                | 1                  | 1      | 1                          | 1                                | 1                  | 1      |
| 20. The flooding of portions of permanent-way                                                                      | 1                    | 1                                | 1                  | 1      | 1                              | 1                                | 1                  | 1      | 1                             | 1                                | 1                  | 1      | 1                          | 1                                | 1                  | 1      |
| 21. The flooding of portions of permanent-way                                                                      | 1                    | 1                                | 1                  | 1      | 1                              | 1                                | 1                  | 1      | 1                             | 1                                | 1                  | 1      | 1                          | 1                                | 1                  | 1      |
| 22. Slips in cuttings or embankments                                                                               | 1                    | 1                                | 1                  | 1      | 1                              | 1                                | 1                  | 1      | 1                             | 1                                | 1                  | 1      | 1                          | 1                                | 1                  | 1      |
| 23. Fire in trains                                                                                                 | 1                    | 1                                | 1                  | 1      | 1                              | 1                                | 1                  | 1      | 1                             | 1                                | 1                  | 1      | 1                          | 1                                | 1                  | 1      |
| 24. Fire at stations, or involving injury to bridges or viaducts                                                   | 1                    | 1                                | 1                  | 1      | 1                              | 1                                | 1                  | 1      | 1                             | 1                                | 1                  | 1      | 1                          | 1                                | 1                  | 1      |
| 25. Other accidents                                                                                                | 1                    | 1                                | 1                  | 1      | 1                              | 1                                | 1                  | 1      | 1                             | 1                                | 1                  | 1      | 1                          | 1                                | 1                  | 1      |
| TOTAL ALL CLASSES                                                                                                  | 78                   | 78                               | 78                 | 78     | 103                            | 103                              | 103                | 103    | 71                            | 71                               | 71                 | 71     | 10                         | 10                               | 10                 | 10     |

(a) Includes the Bangalore-Mysore and the Mysore-Gowanus railways.

(b) Includes the Bangalore-Mysore and the Mysore-Gowanus railways.

ABSTRACT No. 3.—ACCIDENTS TO TRAINS, ROLLING-STOCK, PERMANENT-WAY, etc., reported during the six months ending 30th June 1892, 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—continued.

|                                                                                                                    | XXV.<br>GRAND TOTALS |                                  |                    |        | XXVI.<br>EASTERN DIVISION. (a) |                                  |                    |        | XXVII.<br>SOUTH DIVISION. (b) |                                  |                    |        | XXVIII.<br>WESTERN DIVISION. |                                  |                    |        |
|--------------------------------------------------------------------------------------------------------------------|----------------------|----------------------------------|--------------------|--------|--------------------------------|----------------------------------|--------------------|--------|-------------------------------|----------------------------------|--------------------|--------|------------------------------|----------------------------------|--------------------|--------|
|                                                                                                                    | Number.              | Number of passengers and others. | Total all classes. | Total. | Number.                        | Number of passengers and others. | Total all classes. | Total. | Number.                       | Number of passengers and others. | Total all classes. | Total. | Number.                      | Number of passengers and others. | Total all classes. | Total. |
|                                                                                                                    |                      |                                  |                    |        |                                |                                  |                    |        |                               |                                  |                    |        |                              |                                  |                    |        |
| 1. Collisions between passenger trains, or parts of passenger trains                                               | 2                    | 2                                | 2                  | 2      | 2                              | 2                                | 2                  | 2      | 2                             | 2                                | 2                  | 2      | 2                            | 2                                | 2                  | 2      |
| 2. Collisions between passenger trains and goods or mineral trains, engines and vehicles standing foul of the line | 2                    | 2                                | 2                  | 2      | 2                              | 2                                | 2                  | 2      | 2                             | 2                                | 2                  | 2      | 2                            | 2                                | 2                  | 2      |
| 3. Collisions between goods trains, or parts of goods trains                                                       | 2                    | 2                                | 2                  | 2      | 2                              | 2                                | 2                  | 2      | 2                             | 2                                | 2                  | 2      | 2                            | 2                                | 2                  | 2      |
| 4. Collisions between light engines                                                                                | 2                    | 2                                | 2                  | 2      | 2                              | 2                                | 2                  | 2      | 2                             | 2                                | 2                  | 2      | 2                            | 2                                | 2                  | 2      |
| 5. Passenger trains or parts of passenger trains leaving the rails                                                 | 2                    | 2                                | 2                  | 2      | 2                              | 2                                | 2                  | 2      | 2                             | 2                                | 2                  | 2      | 2                            | 2                                | 2                  | 2      |
| 6. Goods trains or parts of goods trains, engines, etc., leaving the rails                                         | 2                    | 2                                | 2                  | 2      | 2                              | 2                                | 2                  | 2      | 2                             | 2                                | 2                  | 2      | 2                            | 2                                | 2                  | 2      |
| 7. Trains or engines travelling in the wrong direction through points                                              | 2                    | 2                                | 2                  | 2      | 2                              | 2                                | 2                  | 2      | 2                             | 2                                | 2                  | 2      | 2                            | 2                                | 2                  | 2      |
| 8. Trains running into stations or sidings at too high a speed                                                     | 2                    | 2                                | 2                  | 2      | 2                              | 2                                | 2                  | 2      | 2                             | 2                                | 2                  | 2      | 2                            | 2                                | 2                  | 2      |
| 9. Trains running over cattle on the line                                                                          | 2                    | 2                                | 2                  | 2      | 2                              | 2                                | 2                  | 2      | 2                             | 2                                | 2                  | 2      | 2                            | 2                                | 2                  | 2      |
| 10. Ditto over obstructions on the line                                                                            | 2                    | 2                                | 2                  | 2      | 2                              | 2                                | 2                  | 2      | 2                             | 2                                | 2                  | 2      | 2                            | 2                                | 2                  | 2      |
| 11. Trains running through gates at level-crossings                                                                | 2                    | 2                                | 2                  | 2      | 2                              | 2                                | 2                  | 2      | 2                             | 2                                | 2                  | 2      | 2                            | 2                                | 2                  | 2      |
| 12. The bursting of boilers of engines                                                                             | 2                    | 2                                | 2                  | 2      | 2                              | 2                                | 2                  | 2      | 2                             | 2                                | 2                  | 2      | 2                            | 2                                | 2                  | 2      |
| 12(a). Ditto of tubes, etc., of engines                                                                            | 2                    | 2                                | 2                  | 2      | 2                              | 2                                | 2                  | 2      | 2                             | 2                                | 2                  | 2      | 2                            | 2                                | 2                  | 2      |
| 13. The failure of machinery, springs, etc., of engines                                                            | 2                    | 2                                | 2                  | 2      | 2                              | 2                                | 2                  | 2      | 2                             | 2                                | 2                  | 2      | 2                            | 2                                | 2                  | 2      |
| 14. The failure of wheels                                                                                          | 2                    | 2                                | 2                  | 2      | 2                              | 2                                | 2                  | 2      | 2                             | 2                                | 2                  | 2      | 2                            | 2                                | 2                  | 2      |
| 15. Ditto of axles                                                                                                 | 2                    | 2                                | 2                  | 2      | 2                              | 2                                | 2                  | 2      | 2                             | 2                                | 2                  | 2      | 2                            | 2                                | 2                  | 2      |
| 16. Ditto of brake apparatus                                                                                       | 2                    | 2                                | 2                  | 2      | 2                              | 2                                | 2                  | 2      | 2                             | 2                                | 2                  | 2      | 2                            | 2                                | 2                  | 2      |
| 17. Ditto of couplings                                                                                             | 2                    | 2                                | 2                  | 2      | 2                              | 2                                | 2                  | 2      | 2                             | 2                                | 2                  | 2      | 2                            | 2                                | 2                  | 2      |
| 18. Ditto of tunnels, bridges, viaducts, culverts, etc.                                                            | 2                    | 2                                | 2                  | 2      | 2                              | 2                                | 2                  | 2      | 2                             | 2                                | 2                  | 2      | 2                            | 2                                | 2                  | 2      |
| 19. Broken rails                                                                                                   | 2                    | 2                                | 2                  | 2      | 2                              | 2                                | 2                  | 2      | 2                             | 2                                | 2                  | 2      | 2                            | 2                                | 2                  | 2      |
| 20. The flooding of portions of permanent-way                                                                      | 2                    | 2                                | 2                  | 2      | 2                              | 2                                | 2                  | 2      | 2                             | 2                                | 2                  | 2      | 2                            | 2                                | 2                  | 2      |
| 21. The flooding of portions of permanent-way                                                                      | 2                    | 2                                | 2                  | 2      | 2                              | 2                                | 2                  | 2      | 2                             | 2                                | 2                  | 2      | 2                            | 2                                | 2                  | 2      |
| 22. Slips in cuttings or embankments                                                                               | 2                    | 2                                | 2                  | 2      | 2                              | 2                                | 2                  | 2      | 2                             | 2                                | 2                  | 2      | 2                            | 2                                | 2                  | 2      |
| 23. Fire in trains                                                                                                 | 2                    | 2                                | 2                  | 2      | 2                              | 2                                | 2                  | 2      | 2                             | 2                                | 2                  | 2      | 2                            | 2                                | 2                  | 2      |
| 24. Fire at stations, or involving injury to bridges or viaducts                                                   | 2                    | 2                                | 2                  | 2      | 2                              | 2                                | 2                  | 2      | 2                             | 2                                | 2                  | 2      | 2                            | 2                                | 2                  | 2      |
| 25. Other accidents                                                                                                | 2                    | 2                                | 2                  | 2      | 2                              | 2                                | 2                  | 2      | 2                             | 2                                | 2                  | 2      | 2                            | 2                                | 2                  | 2      |
| TOTAL ALL CLASSES                                                                                                  | 135                  | 135                              | 135                | 135    | 103                            | 103                              | 103                | 103    | 71                            | 71                               | 71                 | 71     | 10                           | 10                               | 10                 | 10     |

(a) Includes the Bangalore-Mysore, Mysore-Gowanus, and Ahmednagar railways.

(b) Includes the Bangalore-Mysore and the Mysore-Gowanus railways.

ABSTRACT No. 3.—ACCIDENTS TO TRAINS, ROLLING STOCK, PERMANENT-WAY, etc., reported during the six months ending 30th June 1892, 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—continued.

|                                                                                                                    | XII. ROUTES AND REMARKS (Compare Section (a)) |                                  |                             |                    |        | XIII. DISTRICTS                  |                             |                    |         |        | XIV. DARJILING-HIMALAYAS |          |                                  |                             |                    | XV. THE NIMN'S GUJARATI STATE (c) |        |         |          |                                  |                             |                    |
|--------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|----------------------------------|-----------------------------|--------------------|--------|----------------------------------|-----------------------------|--------------------|---------|--------|--------------------------|----------|----------------------------------|-----------------------------|--------------------|-----------------------------------|--------|---------|----------|----------------------------------|-----------------------------|--------------------|
|                                                                                                                    | Number.                                       | Number of passengers and others. | Number of railway servants. | Total all classes. | Total. | Number of passengers and others. | Number of railway servants. | Total all classes. | Number. | Total. | Killed.                  | Injured. | Number of passengers and others. | Number of railway servants. | Total all classes. | Number.                           | Total. | Killed. | Injured. | Number of passengers and others. | Number of railway servants. | Total all classes. |
|                                                                                                                    |                                               |                                  |                             |                    |        |                                  |                             |                    |         |        |                          |          |                                  |                             |                    |                                   |        |         |          |                                  |                             |                    |
| 1. Collisions between passenger trains or parts of passenger trains                                                | 1                                             | 23                               | 21                          | 1                  | 3      | 35                               | 38                          | 1                  | 1       | 1      | 1                        | 1        | 1                                | 1                           | 1                  | 1                                 | 1      | 1       | 1        | 1                                | 1                           | 1                  |
| 2. Collisions between passenger trains and goods or mineral trains, engines and vehicles standing foul of the line | 1                                             | 1                                | 1                           | 1                  | 1      | 1                                | 1                           | 1                  | 1       | 1      | 1                        | 1        | 1                                | 1                           | 1                  | 1                                 | 1      | 1       | 1        | 1                                | 1                           | 1                  |
| 3. Collisions between goods trains or parts of goods trains                                                        | 1                                             | 1                                | 1                           | 1                  | 1      | 1                                | 1                           | 1                  | 1       | 1      | 1                        | 1        | 1                                | 1                           | 1                  | 1                                 | 1      | 1       | 1        | 1                                | 1                           | 1                  |
| 4. Collisions between light engines                                                                                | 1                                             | 1                                | 1                           | 1                  | 1      | 1                                | 1                           | 1                  | 1       | 1      | 1                        | 1        | 1                                | 1                           | 1                  | 1                                 | 1      | 1       | 1        | 1                                | 1                           | 1                  |
| 5. Passenger trains or parts of passenger trains leaving the rails                                                 | 1                                             | 1                                | 1                           | 1                  | 1      | 1                                | 1                           | 1                  | 1       | 1      | 1                        | 1        | 1                                | 1                           | 1                  | 1                                 | 1      | 1       | 1        | 1                                | 1                           | 1                  |
| 6. Goods trains or parts of goods trains, engines, etc., leaving the rails                                         | 1                                             | 1                                | 1                           | 1                  | 1      | 1                                | 1                           | 1                  | 1       | 1      | 1                        | 1        | 1                                | 1                           | 1                  | 1                                 | 1      | 1       | 1        | 1                                | 1                           | 1                  |
| 7. Trains or engines travelling in the wrong direction through points                                              | 1                                             | 1                                | 1                           | 1                  | 1      | 1                                | 1                           | 1                  | 1       | 1      | 1                        | 1        | 1                                | 1                           | 1                  | 1                                 | 1      | 1       | 1        | 1                                | 1                           | 1                  |
| 8. Trains running into stations or sidings at too high a speed                                                     | 1                                             | 1                                | 1                           | 1                  | 1      | 1                                | 1                           | 1                  | 1       | 1      | 1                        | 1        | 1                                | 1                           | 1                  | 1                                 | 1      | 1       | 1        | 1                                | 1                           | 1                  |
| 9. Trains running over cattle on the line                                                                          | 1                                             | 1                                | 1                           | 1                  | 1      | 1                                | 1                           | 1                  | 1       | 1      | 1                        | 1        | 1                                | 1                           | 1                  | 1                                 | 1      | 1       | 1        | 1                                | 1                           | 1                  |
| 10. Ditto over obstructions on the line                                                                            | 1                                             | 1                                | 1                           | 1                  | 1      | 1                                | 1                           | 1                  | 1       | 1      | 1                        | 1        | 1                                | 1                           | 1                  | 1                                 | 1      | 1       | 1        | 1                                | 1                           | 1                  |
| 11. Trains running through gates at level-crossings                                                                | 1                                             | 1                                | 1                           | 1                  | 1      | 1                                | 1                           | 1                  | 1       | 1      | 1                        | 1        | 1                                | 1                           | 1                  | 1                                 | 1      | 1       | 1        | 1                                | 1                           | 1                  |
| 12. The bursting of boilers of engines                                                                             | 1                                             | 1                                | 1                           | 1                  | 1      | 1                                | 1                           | 1                  | 1       | 1      | 1                        | 1        | 1                                | 1                           | 1                  | 1                                 | 1      | 1       | 1        | 1                                | 1                           | 1                  |
| 12 (a). Ditto of tubes, etc., of engines                                                                           | 1                                             | 1                                | 1                           | 1                  | 1      | 1                                | 1                           | 1                  | 1       | 1      | 1                        | 1        | 1                                | 1                           | 1                  | 1                                 | 1      | 1       | 1        | 1                                | 1                           | 1                  |
| 13. The failure of machinery, springs, etc., of engines                                                            | 1                                             | 1                                | 1                           | 1                  | 1      | 1                                | 1                           | 1                  | 1       | 1      | 1                        | 1        | 1                                | 1                           | 1                  | 1                                 | 1      | 1       | 1        | 1                                | 1                           | 1                  |
| 14. The failure of tyres                                                                                           | 1                                             | 1                                | 1                           | 1                  | 1      | 1                                | 1                           | 1                  | 1       | 1      | 1                        | 1        | 1                                | 1                           | 1                  | 1                                 | 1      | 1       | 1        | 1                                | 1                           | 1                  |
| 15. Ditto of wheels                                                                                                | 1                                             | 1                                | 1                           | 1                  | 1      | 1                                | 1                           | 1                  | 1       | 1      | 1                        | 1        | 1                                | 1                           | 1                  | 1                                 | 1      | 1       | 1        | 1                                | 1                           | 1                  |
| 16. Ditto of axles                                                                                                 | 1                                             | 1                                | 1                           | 1                  | 1      | 1                                | 1                           | 1                  | 1       | 1      | 1                        | 1        | 1                                | 1                           | 1                  | 1                                 | 1      | 1       | 1        | 1                                | 1                           | 1                  |
| 17. Ditto of brake apparatus                                                                                       | 1                                             | 1                                | 1                           | 1                  | 1      | 1                                | 1                           | 1                  | 1       | 1      | 1                        | 1        | 1                                | 1                           | 1                  | 1                                 | 1      | 1       | 1        | 1                                | 1                           | 1                  |
| 18. Ditto of couplings                                                                                             | 1                                             | 1                                | 1                           | 1                  | 1      | 1                                | 1                           | 1                  | 1       | 1      | 1                        | 1        | 1                                | 1                           | 1                  | 1                                 | 1      | 1       | 1        | 1                                | 1                           | 1                  |
| 19. Ditto of tannets, bridges, viaducts, culverts, etc.                                                            | 1                                             | 1                                | 1                           | 1                  | 1      | 1                                | 1                           | 1                  | 1       | 1      | 1                        | 1        | 1                                | 1                           | 1                  | 1                                 | 1      | 1       | 1        | 1                                | 1                           | 1                  |
| 20. Broken rails                                                                                                   | 1                                             | 1                                | 1                           | 1                  | 1      | 1                                | 1                           | 1                  | 1       | 1      | 1                        | 1        | 1                                | 1                           | 1                  | 1                                 | 1      | 1       | 1        | 1                                | 1                           | 1                  |
| 21. The flooding of portions of permanent-way                                                                      | 1                                             | 1                                | 1                           | 1                  | 1      | 1                                | 1                           | 1                  | 1       | 1      | 1                        | 1        | 1                                | 1                           | 1                  | 1                                 | 1      | 1       | 1        | 1                                | 1                           | 1                  |
| 22. Slips in cuttings or embankments                                                                               | 1                                             | 1                                | 1                           | 1                  | 1      | 1                                | 1                           | 1                  | 1       | 1      | 1                        | 1        | 1                                | 1                           | 1                  | 1                                 | 1      | 1       | 1        | 1                                | 1                           | 1                  |
| 23. Fire in trains                                                                                                 | 1                                             | 1                                | 1                           | 1                  | 1      | 1                                | 1                           | 1                  | 1       | 1      | 1                        | 1        | 1                                | 1                           | 1                  | 1                                 | 1      | 1       | 1        | 1                                | 1                           | 1                  |
| 24. Fire at stations, or involving injury to bridges or viaducts                                                   | 1                                             | 1                                | 1                           | 1                  | 1      | 1                                | 1                           | 1                  | 1       | 1      | 1                        | 1        | 1                                | 1                           | 1                  | 1                                 | 1      | 1       | 1        | 1                                | 1                           | 1                  |
| 25. Other accidents                                                                                                | 1                                             | 23                               | 21                          | 1                  | 3      | 35                               | 38                          | 1                  | 1       | 1      | 1                        | 1        | 1                                | 1                           | 1                  | 1                                 | 1      | 1       | 1        | 1                                | 1                           | 1                  |
| TOTAL ALL CLASSES                                                                                                  | 1                                             | 23                               | 21                          | 1                  | 3      | 35                               | 38                          | 1                  | 1       | 1      | 1                        | 1        | 1                                | 1                           | 1                  | 1                                 | 1      | 1       | 1        | 1                                | 1                           | 1                  |

(a) Includes the Mobilhead-Kunson (Lokhar-Bareilly section). (b) Not a passenger, but railway driver. (c) Includes the Metrolia station.

ABSTRACT No. 3.—ACCIDENTS TO TRAINS, ROLLING STOCK, PERMANENT-WAY, etc., reported during the six months ending 30th June 1892, 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—continued.

| in India, distinguishing the different classes of accidents.                                                       | LIV. THE GUJARATI STATE. |        |         |          |                                  | LIX. JODHPUR-DIGRAJ.        |                    |         |        |         | LX. BIKANER-GODVARA-JEROL-POORAN. |                                  |                             |                    |         | LXI. MYSOR. |         |          |                                  |                             |                    |
|--------------------------------------------------------------------------------------------------------------------|--------------------------|--------|---------|----------|----------------------------------|-----------------------------|--------------------|---------|--------|---------|-----------------------------------|----------------------------------|-----------------------------|--------------------|---------|-------------|---------|----------|----------------------------------|-----------------------------|--------------------|
|                                                                                                                    | Number.                  | Total. | Killed. | Injured. | Number of passengers and others. | Number of railway servants. | Total all classes. | Number. | Total. | Killed. | Injured.                          | Number of passengers and others. | Number of railway servants. | Total all classes. | Number. | Total.      | Killed. | Injured. | Number of passengers and others. | Number of railway servants. | Total all classes. |
|                                                                                                                    |                          |        |         |          |                                  |                             |                    |         |        |         |                                   |                                  |                             |                    |         |             |         |          |                                  |                             |                    |
| 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                                         | 2                        | 2      | ..      | ..       | ..                               | ..                          | ..                 | ..      | ..     | ..      | ..                                | ..                               | ..                          | ..                 | ..      | ..          | ..      | ..       | ..                               | ..                          | ..                 |
| 7. Trains or engines travelling in the wrong direction through points                                              | ..                       | ..     | ..      | ..       | ..                               | ..                          | ..                 | ..      | ..     | ..      | ..                                | ..                               | ..                          | ..                 | ..      | ..          | ..      | ..       | ..                               | ..                          | ..                 |
| 8. Trains running into stations or sidings at too high a speed                                                     | 1                        | 1      | ..      | ..       | ..                               | ..                          | ..                 | ..      | ..     | ..      | ..                                | ..                               | ..                          | ..                 | ..      | ..          | ..      | ..       | ..                               | ..                          | ..                 |
| 9. Trains running over cattle on the line                                                                          | ..                       | ..     | ..      | ..       | ..                               | ..                          | ..                 | ..      | ..     | ..      | ..                                | ..                               | ..                          | ..                 | ..      | ..          | ..      | ..       | ..                               | ..                          | ..                 |
| 10. Ditto over obstructions on the line                                                                            | 1                        | 1      | 1       | ..       | ..                               | ..                          | ..                 | ..      | ..     | ..      | ..                                | ..                               | ..                          | ..                 | ..      | ..          | ..      | ..       | ..                               | ..                          | ..                 |
| 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                                                                      | ..                       | ..     | ..      | ..       | ..                               | ..                          | ..                 | ..      | ..     | ..      | ..                                | ..                               | ..                          | ..                 | ..      | ..          | ..      | ..       | ..                               | ..                          | ..                 |
| 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                                                                                                  | 6                        | 6      | 1       | ..       | ..                               | ..                          | ..                 | 1       | ..     | ..      | ..                                | ..                               | ..                          | ..                 | ..      | ..          | ..      | ..       | ..                               | ..                          | ..                 |

TOTAL ALL CLASSES

## ABSTRACT No. 4.

ACCIDENTS TO TRAINS, ROLLING-STOCK, PERMANENT-WAY, etc., on the several RAILWAYS open for TRAFFIC IN INDIA, reported during the SIX MONTHS ending the 30th June 1892, 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.

|                                                                                                                    | TOTAL.                                                                                             |                  |              |                                  |              |                     |           |                    |
|--------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|------------------|--------------|----------------------------------|--------------|---------------------|-----------|--------------------|
|                                                                                                                    | Number.                                                                                            |                  |              | Number of passengers and others. |              | Number of servants. |           | Total all classes. |
|                                                                                                                    | Accidents reported to Local Government under section 43 of the Indian Railways Act No. IX of 1890. | Other accidents. | Total.       | Killed.                          | Injured.     | Killed.             | Injured.  | Total all classes. |
| 1. Collisions between passenger trains or parts of passenger trains                                                | 3                                                                                                  | 1                | 4            | 3                                | ...          | ...                 | ...       | 3                  |
| 2. Collisions between passenger trains and goods or mineral trains, engines and vehicles standing foul of the line | 12                                                                                                 | 22               | 34           | ...                              | 17           | 5                   | 4         | 21                 |
| 3. Collisions between goods trains or parts of goods trains                                                        | 9                                                                                                  | 39               | 48           | ...                              | ...          | ...                 | 9         | 9                  |
| 4. Collisions between light engines                                                                                | 2                                                                                                  | 30               | 32           | ...                              | ...          | ...                 | ...       | ...                |
| 5. Passenger trains or parts of passenger trains leaving the rails                                                 | 21                                                                                                 | 23               | 44           | 1                                | 2            | ...                 | ...       | 1                  |
| 6. Goods trains or parts of goods trains, engines, etc., leaving the rails                                         | 14                                                                                                 | 193              | 207          | ...                              | ...          | 1                   | 2         | 1                  |
| 7. Trains or engines travelling in the wrong direction through points                                              | 2                                                                                                  | 39               | 41           | ...                              | ...          | 1                   | 2         | 1                  |
| 8. Trains running into stations or sidings at too high a speed                                                     | ...                                                                                                | 3                | 3            | ...                              | ...          | ...                 | ...       | ...                |
| 9. Trains running over cattle on the line                                                                          | 4                                                                                                  | 1,148            | 1,150        | 1(a)                             | ...          | 8                   | 7         | 9                  |
| 10. Ditto over obstructions on the line                                                                            | 2                                                                                                  | 60               | 62           | 1(a)                             | 2(b)         | ...                 | 2         | 1                  |
| 11. Ditto through gates at level-crossings                                                                         | ...                                                                                                | 37               | 37           | ...                              | ...          | 1                   | ...       | 1                  |
| 12. The bursting of boilers of engines                                                                             | ...                                                                                                | ...              | ...          | ...                              | ...          | ...                 | ...       | ...                |
| 12(a). Ditto of tubes, etc., of engines                                                                            | ...                                                                                                | 52               | 52           | ...                              | ...          | ...                 | ...       | ...                |
| 13. The failure of machinery, springs, etc., of engines                                                            | ...                                                                                                | 246              | 249          | ...                              | ...          | ...                 | ...       | ...                |
| 14. Ditto of tyres                                                                                                 | ...                                                                                                | 8                | 8            | ...                              | ...          | ...                 | ...       | ...                |
| 15. Ditto of wheels                                                                                                | ...                                                                                                | 2                | 2            | ...                              | ...          | ...                 | ...       | ...                |
| 16. Ditto of axles                                                                                                 | 4                                                                                                  | 31               | 35           | ...                              | ...          | ...                 | ...       | ...                |
| 17. Ditto of brake apparatus                                                                                       | 1                                                                                                  | 5                | 6            | ...                              | 14           | ...                 | ...       | 14                 |
| 18. Ditto of couplings                                                                                             | 1                                                                                                  | 129              | 130          | ...                              | ...          | ...                 | ...       | ...                |
| 19. Ditto of tunnels, bridges, viaducts, culverts, etc.                                                            | 1                                                                                                  | ...              | 1            | ...                              | ...          | ...                 | ...       | ...                |
| 20. Broken rails                                                                                                   | ...                                                                                                | 27               | 27           | ...                              | ...          | ...                 | ...       | ...                |
| 21. The flooding of portions of permanent-way                                                                      | 4                                                                                                  | 8                | 12           | ...                              | ...          | ...                 | ...       | ...                |
| 22. Slips in cuttings or embankments                                                                               | 6                                                                                                  | 8                | 14           | ...                              | ...          | ...                 | ...       | ...                |
| 23. Fire in trains                                                                                                 | 2                                                                                                  | 122              | 124          | 1                                | 6            | ...                 | ...       | 1                  |
| 24. Fire at stations, or involving injury to bridges or viaducts                                                   | ...                                                                                                | 36               | 36           | ...                              | ...          | ...                 | ...       | ...                |
| 25. Other accidents                                                                                                | 6                                                                                                  | 137              | 143          | ...                              | ...          | 3                   | ...       | 3                  |
| <b>TOTAL ALL CLASSES</b>                                                                                           | <b>94</b>                                                                                          | <b>2,406</b>     | <b>2,500</b> | <b>7(c)</b>                      | <b>41(c)</b> | <b>16</b>           | <b>29</b> | <b>23</b>          |

|                                       |               |
|---------------------------------------|---------------|
| Mean mileage worked                   | 17,602        |
| Number of servants employed           | 175,454       |
| Train-mileage of all descriptions     | 33,813,765    |
| Number of passengers carried          | 60,898,728    |
| Passenger-mileage                     | 2,798,632,255 |
| Per mile open—                        |               |
| Train-mileage of all descriptions     | 1,921         |
| Number of passengers carried          | 3,460         |
| Passenger-mileage                     | 155,995       |
| Total passengers—                     |               |
| Killed per million of passengers      | 0.082         |
| Injured per ditto ditto               | 0.640         |
| Killed per million of passenger-miles | 0.002         |
| Injured per ditto ditto               | 0.014         |

(a) Not a passenger.

(b) Not passengers, but cartmen.

(c) Of these two were not passengers.

## APPENDIX.

Statement showing for the six months ending 30th June 1892 all cases in which the continuous automatic brakes failed to act when required to be brought into action or caused delay in the working of trains.

| Serial No. | Railway.                                                             | Name or description of brakes which failed or caused delay in the instances specified in column 3. | Date of failure.  | Instances under the three following heads separately, of:—<br>(i) Failure or partial failure to act when required in case of an accident to a train, or a collision between trains being imminent.<br>(ii) Failure or partial failure to act under ordinary circumstances to stop a train when required.<br>(iii) Delay in the working of trains in consequence of defects in, or improper action of, the brakes, distinguishing whether they arose from neglect or incompetence of servants, or failure of machinery or material. | Number of miles run by trains fitted with each description of continuous automatic brake.                |
|------------|----------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| XIX        | STANDARD GAUGE.<br>State lines worked by the State.<br>North Western | Automatic vacuum                                                                                   | 11th January 1892 | (iii) Failure of material.—Engine No. 349L working No. 53 up goods train from Kotri to Itanhar was disabled owing to a hole having worn through the injector exhaust pipe.                                                                                                                                                                                                                                                                                                                                                         | Mileage not recorded as the vehicles do not run continuously on trains fitted throughout with the brake. |
|            |                                                                      |                                                                                                    | 31st January 1892 | (iii) Failure of material.—Tender vacuum brake cylinder bracket rivets of engine No. 249L of No. 85 up stone train found slackened.                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                          |
|            |                                                                      |                                                                                                    | 4th February 1892 | (iii) Failure of material.—Iron washer inside of coupling hose brake-van No. 2293 with No. 2 down Calcutta mail train found broken.                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                          |
|            |                                                                      |                                                                                                    | 13th May 1892     | (iii) Failure of material.—Tender brake cylinder of engine No. 249L of No. 20 down mixed train found broken; no delay. Due to defect in design of brackets working hose, now remedied.                                                                                                                                                                                                                                                                                                                                             |                                                                                                          |
| XXII       | Eastern Bengal                                                       | ...                                                                                                | ...               | No failure or delay                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 45,824                                                                                                   |
| XXIV       | Line worked by Guaranteed Company.<br>Great Indian Peninsula.        | Continuous automatic vacuum.                                                                       | 13th January 1892 | (iii) Neglect of servants.—10 minutes delay to No. 164 up passenger train at Poona in replacing a coupling washer of brake-van No. 1300 which had become detached through careless uncoupling.                                                                                                                                                                                                                                                                                                                                     | 37,183                                                                                                   |
|            |                                                                      |                                                                                                    | 8th March 1892    | (ii) Failure of material.—Small India rubber pipe leading to cylinder of brake-van No. 857 on No. 57 down passenger train parted on journey; no delay.                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                          |
|            |                                                                      |                                                                                                    | 18th March 1892   | (ii) Driver of No. 75 down passenger train overshoot Masjid station platform by engine tender and 3 vehicles, due, it is believed, to some water having accumulated in the engine and tender cylinders and train pipe; 4 minutes delay in examining the train.                                                                                                                                                                                                                                                                     | 42,211                                                                                                   |
|            |                                                                      |                                                                                                    | 31st March 1892   | (iii) Failure of machinery.—3 minutes lost with No. 39 down passenger train owing to brake rigging of carriage No. 800 getting out of order and causing the wheels to skid.                                                                                                                                                                                                                                                                                                                                                        |                                                                                                          |
|            |                                                                      |                                                                                                    | 3rd May 1892      | (iii) Failure of machinery.—7 minutes delay at Karjat station in detaching 3rd class carriage No. 720, the piston rod of which had jammed in the bush.                                                                                                                                                                                                                                                                                                                                                                             | 39,761                                                                                                   |
|            |                                                                      |                                                                                                    | 20th June 1892    | (iii) Failure of machinery.—23 minutes lost on journey with No. 152 up passenger train owing to a rolling ring of the brake cylinder of 3rd class carriage No. 810 having become twisted and jammed so that the brake could not be released.                                                                                                                                                                                                                                                                                       | 44,133                                                                                                   |

*P. N. D. R. B.:*  
*Prof. of the Madras Govt.*  
*Read the following*

No. 77 R. Stat.  
 GOVERNMENT OF INDIA.  
 PUBLIC WORKS DEPARTMENT.  
 RAILWAY STATISTICS.

Simla, the 13th March 1893.

Returns of accidents on Indian railways for the six months ending the 30th June 1892.

Read again—  
 Public Works Department Resolution No. 3 R. T., dated the 5th January 1891.  
 " " " Order " 12 R. Stat., dated the 21st January 1892.

Read also—  
 The following note by the Director General of Railways, No. 46 Stat., dated the 13th February 1893, with abstract returns of accidents to trains, &c., on the open lines of railway in India for the six months ending the 30th June 1892.

The following summary gives the total number of accidents to trains, rolling stock, permanent-way, &c., for the six months ending the 30th June 1892, distributed under the classification adopted in abstract No. 4 of the returns :

under the classification adopted in

| Serial No.                                                  | CLASSES OF ACCIDENTS.                                                                                           | Average number of accidents during the corresponding periods of 1890 and 1891. | SIX MONTHS ENDING THE 30TH JUNE 1892.                                                             |                  |                                  |         |                     |         |                    |         |          |
|-------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|------------------|----------------------------------|---------|---------------------|---------|--------------------|---------|----------|
|                                                             |                                                                                                                 |                                                                                | NUMBER.                                                                                           |                  | NUMBER OF PASSENGERS AND OTHERS. |         | NUMBER OF SERVANTS. |         | TOTAL ALL CLASSES. |         |          |
|                                                             |                                                                                                                 |                                                                                | Accidents reported to Local Governments under section 51 of the Indian Railways Act (IX) of 1890. | Other accidents. | Total.                           | Killed. | Injured.            | Killed. | Injured.           | Killed. | Injured. |
|                                                             |                                                                                                                 |                                                                                |                                                                                                   |                  |                                  |         |                     |         |                    |         |          |
| 1                                                           | Collisions between passenger trains or parts of passenger trains                                                | 4                                                                              | 3                                                                                                 | 1                | 4                                | 3       | ...                 | ...     | ...                | 3       | ...      |
| 2                                                           | Collisions between passenger trains and goods or mineral trains, engines and vehicles standing foul of the line | 25                                                                             | 12                                                                                                | 23               | 31                               | ...     | 17                  | 5       | 4                  | 5       | 21       |
| 3                                                           | Collisions between goods trains or parts of goods trains                                                        | 21                                                                             | 9                                                                                                 | 30               | 44                               | ...     | ...                 | ...     | 9                  | ...     | 9        |
| 4                                                           | Collisions between light engines                                                                                | 11                                                                             | 2                                                                                                 | 30               | 32                               | ...     | ...                 | ...     | ...                | ...     | ...      |
| 5                                                           | Passenger trains or parts of passenger trains leaving the rails                                                 | 35                                                                             | 21                                                                                                | 23               | 44                               | 1       | 2                   | ...     | ...                | 1       | 2        |
| 6                                                           | Goods trains or parts of goods trains, engines, &c., leaving the rails                                          | 146                                                                            | 14                                                                                                | 193              | 207                              | ...     | ...                 | 1       | 2                  | 1       | 2        |
| 7                                                           | Trains or engines travelling in the wrong direction through points                                              | 31                                                                             | 2                                                                                                 | 39               | 41                               | ...     | ...                 | 1       | 2                  | 1       | 2        |
| 8                                                           | Trains running into stations or sidings at too high a speed                                                     | 3                                                                              | ...                                                                                               | 3                | 3                                | ...     | ...                 | ...     | ...                | ...     | ...      |
| 9                                                           | Trains running over cattle on the line                                                                          | 979                                                                            | 4                                                                                                 | 1,146            | 1,150                            | (a) 1   | ...                 | 8       | 7                  | 9       | 7        |
| 10                                                          | Trains running over obstructions on the line                                                                    | 89                                                                             | 2                                                                                                 | 60               | 62                               | (a) 1   | (b) 2               | ...     | 2                  | 1       | 4        |
| 11                                                          | Trains running through gates at level-crossings                                                                 | 39                                                                             | ...                                                                                               | 37               | 37                               | ...     | ...                 | 1       | ...                | 1       | ...      |
| 12                                                          | The bursting of boilers of engines                                                                              | 71                                                                             | ...                                                                                               | 32               | 32                               | ...     | ...                 | ...     | ...                | ...     | ...      |
| 12 (a)                                                      | The bursting of tubes, &c., of engines                                                                          | ...                                                                            | ...                                                                                               | ...              | ...                              | ...     | ...                 | ...     | ...                | ...     | ...      |
| 13                                                          | The failure of machinery, springs, &c., of engines                                                              | 192                                                                            | ...                                                                                               | 219              | 248                              | ...     | ...                 | ...     | ...                | ...     | ...      |
| 14                                                          | The failure of tyres                                                                                            | 5                                                                              | ...                                                                                               | 8                | 8                                | ...     | ...                 | ...     | ...                | ...     | ...      |
| 15                                                          | " " of wheels                                                                                                   | 1                                                                              | ...                                                                                               | 2                | 2                                | ...     | ...                 | ...     | ...                | ...     | ...      |
| 16                                                          | " " of axles                                                                                                    | 40                                                                             | ...                                                                                               | 31               | 35                               | ...     | ...                 | ...     | ...                | ...     | ...      |
| 17                                                          | " " of brake apparatus                                                                                          | 3                                                                              | ...                                                                                               | 5                | 6                                | ...     | 14                  | ...     | ...                | ...     | 14       |
| 18                                                          | " " of couplings                                                                                                | 106                                                                            | ...                                                                                               | 129              | 130                              | ...     | ...                 | ...     | ...                | ...     | ...      |
| 19                                                          | " " of tunnels, bridges, viaducts, culverts, &c.                                                                | ...                                                                            | ...                                                                                               | ...              | ...                              | ...     | ...                 | ...     | ...                | ...     | ...      |
| 20                                                          | Broken rails                                                                                                    | 20                                                                             | ...                                                                                               | 27               | 27                               | ...     | ...                 | ...     | ...                | ...     | ...      |
| 21                                                          | The flooding of portions of permanent-way                                                                       | 14                                                                             | ...                                                                                               | 8                | 12                               | ...     | ...                 | ...     | ...                | ...     | ...      |
| 22                                                          | Sinks in cuttings or embankments                                                                                | 18                                                                             | ...                                                                                               | 8                | 11                               | ...     | ...                 | ...     | ...                | ...     | ...      |
| 23                                                          | Fire in trains                                                                                                  | 119                                                                            | ...                                                                                               | 122              | 124                              | 1       | 6                   | ...     | ...                | 1       | 6        |
| 24                                                          | Fire at stations, or involving injury to bridges or viaducts                                                    | 42                                                                             | ...                                                                                               | 36               | 36                               | ...     | ...                 | ...     | ...                | ...     | ...      |
| 25                                                          | Other accidents                                                                                                 | 119                                                                            | ...                                                                                               | 137              | 143                              | ...     | ...                 | ...     | 3                  | ...     | 3        |
| TOTAL FOR THE SIX MONTHS ENDING THE 30TH JUNE 1892          |                                                                                                                 | ...                                                                            | 94                                                                                                | 2,406            | 2,500                            | (c) 7   | (c) 41              | 16      | 29                 | 23      | 70       |
| TOTAL—Average of the corresponding periods of 1890 and 1891 |                                                                                                                 | ...                                                                            | ...                                                                                               | 2,175            | 4                                | 28      | 11                  | 31      | 13                 | 39      |          |

(a) Not a passenger.  
 (b) Not passengers but cartmen.  
 (c) Of these, two were not passengers.

2. As compared with the average of the two corresponding periods of 1890 and 1891, the number of accidents to trains, rolling stock, permanent-way, &c., during the six months ending the 30th June 1892, shows an increase of 325 or of 14.91 per cent., with an increase of 1,111.89 miles or of 6.76 per cent. in the mean mileage worked, and of 3,304,856 miles or of 10.83 per cent. in the train-mileage run.

3. The chief variations occurred under "Collisions between light engines" 32 against 14; "Goods trains or parts of goods trains, engines, &c., leaving the rails," 207 against 146; "Trains running over cattle on the line," 1,150 against 979; "Trains running over obstructions on the line," 62 against 89; "The bursting of tubes, &c., of engines," 52 against 72; "The failure of machinery, springs, &c., of engines," 248 against 192; "The failure of couplings," 130 against 106; and "Other accidents," 143 against 119.

4. The increase under "Collisions between light engines," was chiefly due to the numbers recorded on the East Indian and North Western railways having risen from 4 to 14 and from 2 to 7 respectively.

5. "Goods trains or parts of goods trains, engines, &c., leaving the rails" showed an increase of 61 accidents. The chief variations were increases of 36 on the South Indian railway, of 22 on the East Indian railway and of 14 on the Burma state railway and a decrease of 11 each on the Eastern Bengal state railway and the Bengal and North Western railway including the Tirhoot section.

6. The number of cattle accidents was largest on the Southern Mahratta railway, viz., 337; next to that line comes the South Indian railway with 144; then the Rajputana-Malwa state railway with 81; the East Indian railway with 77; the Eastern Bengal state railway with 74; the Oudh and Rohilkhand railway with 62; the North Western railway with 60, and the Madras railway with 57.

As compared with the average of the corresponding periods of the two previous years, the chief increases occurred on the Southern Mahratta and South Indian railways, viz., 115 and 32 accidents respectively.

In relation to train-mileage run the number was highest on the Southern Mahratta railway, which gave an average of 1 accident in 3,599 train-miles, the Dibru-Sadiya railway coming next with an average of 1 in 4,031; then the Jorhat, the Nizam's Guaranteed State, the South Indian and the Eastern Bengal state railways with averages of 1 in 5,860, 1 in 7,300, 1 in 10,926 and 1 in 21,559, respectively. The lowest number recorded relatively to train-mileage run was on the Bombay, Baroda and Central India railway, viz., 1 in 295,086; the Great Indian Peninsula railway coming next with an average of 1 in 137,024; then the North Western railway with 1 in 73,051, the East Indian railway with 1 in 69,613, the Burma state railway with 1 in 56,377, and the Gackwar's Dabhoi railway with 1 in 52,009.

7. The decrease of 27 accidents under "Trains running over obstructions on the line," was mainly due to there having been 9 less on the Eastern Bengal state railway, 6 less on the Rajputana-Malwa state railway, 6 less on the Southern Mahratta railway and 5 less on the North Western railway.

8. Under "The bursting of tubes, &c., of engines," there was a decrease of 20 accidents, with a decrease of 18 on the South Indian railway alone.

9. The number of accidents from "The failure of machinery, springs, &c., of engines," was more by 56. The principal variations were increases of 59 on the East Indian railway, of 19 on the North Western railway and of 14 on the Rajputana-Malwa state railway, and decreases of 25 on the Nizam's Guaranteed State railway and of 15 on the South Indian railway.

10. Under "The failure of couplings" the accidents numbered 130 against 106, of which 42 against 22 took place on the Rajputana-Malwa state railway alone.

11. The cases recorded under the head "Other accidents" increased chiefly on the East Indian railway, viz., 47 against 10, on the Eastern Bengal state railway, 25 against 7 and on the Bengal-Nagpur railway, 117 against 7; and decreased mainly on the Bombay, Baroda and Central India railway, viz., 1 against 20, and on the South Indian and the Burma state railways, nil against 9.

12. The increase under "Passenger trains or parts of passenger trains leaving the rails," was chiefly owing to the numbers recorded on the East Indian railway having been 17 against 1.

13. The casualties to passengers, and to servants in the employ of railways or of contractors, from accidents not coming under the classification adopted in paragraph 1, were, as compared with the average of the corresponding periods of 1890 and 1891, in the case of passengers, 27 killed and 79 injured, against 31 killed and 96 injured, and, in the case of servants, 95 killed and 302 injured, against 80 killed and 237 injured. (For details, *vide abstract No. 2.*)

14. The total casualties to persons from all causes, including trespassers, cases of suicide, &c., were 305 killed and 509 injured, against 280 killed and 434 injured, the average of the corresponding periods of the two preceding years. (For details, *vide abstract No. 2.*)

15. In addition to the above, 55 persons were reported to have been killed and 92 injured in yards, workshops, &c., and 606 persons to have died in carriages and at stations from causes unconnected with the working of trains.

16. A statement is appended to the abstract return of accidents showing, for the six months ending the 30th June 1892, all cases in which the continuous automatic brakes failed to act when required to be brought into action or caused delay in the working of trains.

17. The accidents, for the second quarter of 1892, are dealt with in the following note.

#### Note on accidents for the 2nd quarter of 1892.

The following table gives the number of accidents as classified in paragraph 1 of the previous note, which resulted in loss of, or injury to, life and limb, and shows the railways on which they occurred:

| RAILWAY.                                                       | Number of accidents during the 2nd quarter of 1892. | PASSENGERS AND OTHERS. |          | SERVANTS. |          | TOTAL.  |          |
|----------------------------------------------------------------|-----------------------------------------------------|------------------------|----------|-----------|----------|---------|----------|
|                                                                |                                                     | Killed.                | Injured. | Killed.   | Injured. | Killed. | Injured. |
| East Indian ...                                                | 1                                                   | ...                    | 8        | ...       | ...      | ...     | 8        |
| Indian Midland ...                                             | 1                                                   | ...                    | ...      | ...       | 2        | ...     | 2        |
| Bengal and North Western                                       | 1                                                   | ...                    | ...      | 8         | 7        | 8       | 7        |
| Rajputana-Malwa ...                                            | 1                                                   | ...                    | ...      | ...       | 1        | ...     | 1        |
| South Indian ...                                               | 3                                                   | 1                      | 8        | 1         | ...      | 2       | 8        |
| North Western ...                                              | 1                                                   | ...                    | ...      | ...       | 1        | ...     | 1        |
| Eastern Bengal ...                                             | 2                                                   | ...                    | 3        | ...       | 1        | ...     | 4        |
| Great Indian Peninsula ...                                     | 2                                                   | ...                    | ...      | ...       | 4        | ...     | 4        |
| Bombay, Baroda and Central India ...                           | 1                                                   | ...                    | 14       | ...       | ...      | ...     | 14       |
| Dibru-Sadiya ...                                               | 1                                                   | 1                      | ...      | ...       | ...      | 1       | ...      |
| <b>TOTAL</b> ...                                               | ...                                                 | 2                      | 33       | 9         | 16       | 11      | 49       |
| Average of the two corresponding quarters of 1890 and 1891 ... | ...                                                 | 2                      | 18       | 6         | 21       | 8       | 39       |

2. *East Indian railway.*—On the 25th April 1892, a down goods train collided with an up mixed while the latter was standing at the Maharajpur

station, owing to the points not having been properly set. The engines of both the trains were damaged and eight passengers slightly injured. The Station Master and the Assistant Station Master who were in fault were prosecuted.

3. *Indian Midland railway*.—On the 3rd April 1892, a collision took place at Barkhera on the Bhopal-Itarsi state railway between a down special and an up fast special, owing to the latter train having been shunted beyond the south facing points while the former was entering the station without due caution. Two firemen were slightly injured and the permanent-way and rolling stock damaged. The staff at fault were departmentally punished.

4. *Bengal and North Western railway*.—On the 12th May 1892, a bullock was run over by the engine of a ballast train at mileage 8 between Maijapur and Gonda Kacheri, and the result was the derailment of 16 trucks. Eight coolies were killed and seven seriously injured.

5. *Rajputana-Malwa state railway*.—On the 15th May 1892, at Mhow the rear portion of a shunting train, which had been uncoupled in shunting, collided with the front portion owing to the engine having been stopped by danger signals. A khalsi was injured.

6. *South Indian railway*.—On the 8th April 1892, a bullock cart was struck by the cow-catcher of an engine at a level-crossing between Kalambar and Kannamangalam stations. Two men, who were on the cart, were slightly injured.

On the 18th April 1892, the engine of a mixed train ran through a level-crossing gate between Vengatachellum Chattram and Nellore stations, owing to the gates not having been properly closed before the arrival of the train. The gateman, in trying to close the gates, was struck by the engine and killed.

On the 8th June 1892, the roof of a third class carriage was found on fire between Tanjore and Bidadar stations and some of the passengers took fright and jumped out. One passenger was killed and six injured.

7. *North Western railway*.—On the 31st May 1892, at mileage 596-14 near Fuller's Camp catch siding, a collision took place between a trolley occupied by the Executive Engineer, Quetta, and a Sub-Engineer, and another trolley occupied by the Pay Clerk. The Sub-Engineer in jumping off the trolley broke his leg.

8. *Eastern Bengal state railway*.—On the 12th April 1892, owing to a heavy storm, a lampman was wounded in the oil godown at Katihar by the fall of some corrugated sheets.

On the 31st May 1892, an up mixed train collided with a down mixed train, which was standing in the Dinapore yard. The accident was due to the carelessness of the staff. Three passengers were slightly injured.

9. *Great Indian Peninsula railway*.—On the 30th April 1892, at Dháman-gaon, one loaded and four empty wagons which had been set in motion by a storm, collided with an empty van which was being repaired at that station. Three coolies, who were working at the van, were slightly injured.

On the 24th May 1892, the wheels of an unprotected light trolley were run over by a down mail at mileage 313-15 between Ghángapur and Gulbarga stations. The Time-keeper, in jumping off the trolley, was seriously injured.

10. *Bombay, Baroda and Central India railway*.—On the 21st May 1892, a collision took place at Nadiad between an up mail and an up special goods owing to the failure of a vacuum brake. One passenger was seriously injured and thirteen others slightly.

11. *Dihru-Sadiya railway*.—On the 2nd June 1892, an elephant and a mahout were run over and killed by an up goods at mile 20 between Digboi and Dibing bridge stations. There was also some damage to the rolling stock.

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, North-Western Provinces and Oudh, and the Punjab.  
The Chief Commissioners of the Central Provinces, Barma and Assam.  
The Resident at Hyderabad.  
The Resident in Mysore.  
The Agents to the Governor General for Rajputana, Central India and Baluchistan.  
The Director General of Railways.  
The Consulting Engineers to the Government of India for Railways, Calcutta, Central Division, Lucknow, and Assam.

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

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

F. B. HEBBERT,  
Under Secretary.

*Documents accompanying.*

Abstract returns of accidents for the six months ending the 30th June 1892.

Order No 721 R 17<sup>th</sup> April 1893.

Communicated to  
the Consulting Engineer for  
Railways for information.

/s/ J. R. Speoth,  
R.

Q.

The Eng. Exp. for Exp.