

GOVERNMENT OF INDIA  
RAILWAY DEPARTMENT  
(RAILWAY BOARD)  
Report of the Railway Board

ON  
**INDIAN RAILWAYS**

FOR

1930-31

Volume 1 - Statistics

(Continued from the *Comptroller of Railway Accounts*.)



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RAILWAY DEPARTMENT

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Volume II—Statistics

*(Compiled by Controller of Railway Accounts.)*

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*Value of Stores purchased by the Class I Railways (excluding Jodhpur and H. E.*

Note.—Columns headed *A* indicate Value of stores  
 " " *B* indicate Value of imported  
 " " *C* indicate Value of stores of

Stores purchased. 1	Assam-Bengal.			Bengal and North Western.			Bengal-Nagpur.*		
	A 2	B 3	C 4	A 5	B 6	C 7	A 8	B 9	C 10
1. Bridge work . . .	..	26	35	..	..	..	11,28	1,76	3,69
2. Engineers' plant, excluding petty tools . . .	..	12	3	5	7	1	1,84	3,12	1,28
3. Workshop machinery and heavy tools . . .	..	16	..	..	12	2	2,20	1,31	1
4. Permanent-way:—									
(a) Rails . . .	7	..	3,02	..	..	57	..	1	33,11
(b) Steel sleepers . . .	..	..	..	..	..	..	..	..	18,97
(c) Cast iron sleepers . . .	..	..	..	..	..	..	..	..	3,14
(d) Wooden sleepers . . .	..	..	4,38	..	..	9,65	..	..	6,73
(e) Chains and fastenings . . .	1	3	82	1,08	..	92	33	1	3,23
(f) Concrete sleepers . . .	..	..	..	..	..	..	..	..	..
5. Rolling-stock:—									
(a) Locomotives and spare parts . . .	3,05	39	11	11,71	24	6	54,35	2,32	2,86
(b) Rail motors and spare parts . . .	..	..	..	..	..	..	..	..	..
(c) Steam coaches and spare parts . . .	..	..	..	..	..	..	..	..	..
(d) Electric motor coaches and spare parts . . .	..	..	..	..	..	..	..	..	..
(e) Internal combustion coaches and spare parts . . .	..	..	..	..	..	..	..	..	..
(f) Coaching stock . . .	17	4,29	..	..	..	..	..	3	..
(g) Goods stock . . .	50	..	4,94	..	3,68	..	6,50	1	35
(h) Spare parts—coaching and goods stock . . .	4,40	38	28	1,93	83	15	11,23	3,79	3,87
(i) Motor car . . .	..	..	..	..	..	..	..	10	..
6. Building and station materials and fencing . . .	1	74	77	20	1,00	36	..	3,93	1,59
7. Tools and Stores:—									
(a) Tools and cutlery . . .	..	23	6	15	41	7	8	1,93	13
(b) Steel (excluding permanent-way materials) . . .	2	48	23	23	1,45	4	18	2,38	1,85
(c) Iron (excluding permanent-way materials) . . .	..	13	4	14	14	8	10	82	50
(d) Other metals . . .	..	87	6	32	1,17	2	24	3,34	13
(e) Timber . . .	..	..	3,80	..	1	2,26	..	..	6,58
(f) Oils . . .	67	47	1,25	..	2,35	35	..	7,27	2,12
(g) Portland cement . . .	..	76	4	..	1	22	..	23	2,10
(h) All other stores . . .	18	2,43	1,27	72	2,41	3,44	97	9,29	10,57
8. Electrical plant and materials . . .	1,43	87	2	34	2,38	1	7	7,85	12
9. Other materials purchased in India:—									
(a) Coal and coke . . .	..	..	12,25	..	..	12,07	..	..	30,86
(b) Stone . . .	..	..	4	..	..	30	..	..	13
(c) Bricks . . .	..	..	..	..	..	..	..	..	1,18
(d) Indian lime . . .	..	..	..	..	..	..	..	..	7
(e) Ballast . . .	..	..	..	..	..	64	..	..	6,90
(f) Others . . .	..	..	..	..	3	1,25	..	2	1,24
Total . . .	10,51	12,59	33,76	16,87	16,30	32,49	89,42	49,52	1,43,41

\* Includes figures of Visagapatam Harbour construction.

## DIX A.

the Nizam's State Rys.) during the year 1930-31. (In thousands of rupees).

imported direct.

stores purchased in India.

Indian manufacture or of indigenous origin.

Bombay, Baroda and Central India.			Burma.			Eastern Bengal.			East Indian. †			Stores purchased. 23
A 11	B 12	C 13	A 14	B 15	C 16	A 17	B 18	C 19	A 20	B 21	C 22	
1,70	48	52	..	43	..	..	..	4,11	..	1,05	..	1. Bridge work.
4	11½	1	9	78	..	..	28	..	44	1,87	..	2. Engineers' plant excluding petty tools.
3,56	1,40	2	3	1,38	..	17	1,16	3	20	5,00	..	3. Workshop machinery and heavy tools.
1	7	3,17	..	..	4,52	..	..	18,90	..	..	26,21	4. Permanent-way:
50	..	97	..	..	..	..	..	..	..	..	..	(a) Rails.
..	..	..	..	..	..	..	28	2,73	..	..	3,63	(b) Steel sleepers.
..	..	20,75	..	..	15,42	..	..	26,66	..	..	20,75	(c) Cast iron sleepers.
1,21	43	3,11	..	2,57	72	46	24	1,00	92	1,07	3,82	(d) Wooden sleepers.
..	..	..	..	..	..	..	..	..	..	..	..	(e) Chairs and fastenings.
..	..	..	..	..	..	..	..	..	..	..	..	(f) Concrete sleepers.
27,71	3,05	14,63	6,78	2,96	..	19,50	55	19	54,31	2,95	..	5. Rolling-stock:—
..	..	..	11	..	..	..	..	..	..	..	..	(a) Locomotives and spare parts.
..	..	..	..	..	..	..	..	..	..	..	..	(b) Rail motors and spare parts.
..	..	..	..	..	..	..	..	..	..	..	..	(c) Steam coaches and spare parts.
..	..	..	..	..	..	..	..	..	..	..	..	(d) Electric motor coaches and spare parts.
93	46	4,12	..	..	..	..	..	..	..	..	..	(e) Internal combustion coaches and spare parts.
..	..	..	..	..	..	1,46	2,59	9,78	..	..	..	(f) Coaching stock.
..	42	2	1,47	..	..	2,02	3	55	..	..	30,00	(g) Goods stock.
..	..	..	..	..	..	..	..	..	..	..	..	(A) Spare parts—coaching and goods stock.
6,45	50	4,01	2,42	2,27	..	33	63	7	6,14	5,47	4,26	(i) Motor cars.
..	5	..	..	..	..	..	1	..	..	12	..	6. Building and station materials and fencing.
4,59	3,22	1,14	28	2,58	92	8	1,26	1,24	..	18	2,47	7. Tools and Stores:—
22	2,30	31	..	72½	10	4	1,43	10	22	2,99	..	(a) Tools and out-lery.
3,45	3,24	74	..	2,30	..	..	21	3	99	3,80	1,08	(b) Steel (excluding permanent-way materials).
..	..	..	..	..	..	..	..	..	..	..	..	(c) Iron (excluding permanent-way materials).
1,18	61	61	10	62	1	..	1,06	1,13	..	8	6,44	(d) Other metals.
1,34	1,93	28	35	58	4	..	2,32	45	..	10,01	71	(e) Timber.
..	..	3,39	..	..	1,11	..	..	4,06	..	..	24,71	(f) Oils.
..	6,97	4,07	..	81	2,39	..	4,32	89	..	10,33	5,75	(g) Portland cement.
..	11	1,87	..	65	1	..	..	1,71	..	11	3,01	(A) All other stores.
3,45	13,51	7,42	35	3,90	3,60	16	3,11	3,02	1,24	33,11	26,93	8. Electrical plant and materials.
8,95	6,70	1	58	3,94	10	5	5,04	..	83	10,21	3	9. Other materials purchased in India:—
..	9	31,07	..	..	43,07	..	..	17,81	..	..	25,27	(a) Coal and coke.
..	1	49	..	..	96	..	..	..	..	..	76	(b) Stone.
..	..	15	..	..	75	..	..	14	..	..	4,72	(c) Bricks.
..	..	29	..	..	3	..	..	50	..	..	63	(d) Indian lime.
..	..	7,61	..	..	8,44	..	..	35	..	..	6,06	(e) Ballast.
..	..	5,35	..	..	1,79	..	..	9	..	..	80	(f) Others.
65,29	45,66	1,16,17	12,52	26,59	84,56	24,27	29,51	1,00,64	65,29	93,26	1,98,12	Total.

† Includes figures for Central Indian Coalfields Railway.

*Value of Stores purchased by the Class I Railways (excluding Jodhpur and H. E. the*

NOTE.—Columns headed *A* indicate Value of stores  
 " " *B* indicate Value of imported  
 " " *C* indicate Value of stores of

Stores purchased. 24	Great Indian Peninsula.			Madras and Southern Mahratta.			North Western.		
	A 25	B 26	C 27	A 28	B 29	C 30	A 31	B 32	C 33
1. Bridge work . . . . .	..	..	59	1,29	..	44	9	1,38	1,12
2. Engineers' plant, exclud- ing petty tools . . . . .	29	96	4	26	22	..	3,59	3,90	21
3. Workshop machinery and heavy tools . . . . .	6	6,96	1	6,36	7,25	..	1,19	6,44	..
4. Permanent-way :—									
(a) Rails . . . . .	..	..	31,24	61	..	6,87	..	10	21,31
(b) Steel sleepers . . . . .	..	..	1,54	..	..	..	..	..	..
(c) Cast iron sleepers . . . . .	..	..	..	..	..	1,21	..	..	..
(d) Wooden sleepers . . . . .	..	..	6,83	..	..	3,13	..	..	48,02
(e) Chairs and fasten- ings . . . . .	1,40	3,13	12,77	11	..	53	61	..	..
(f) Concrete sleepers . . . . .	..	..	..	..	..	..	..	..	..
5. Rolling-stock :—									
(a) Locomotives and spare parts . . . . .	30,22	1,42	1,05	24,95	98	11	88,99	11,77	15
(b) Rail motors and spare parts . . . . .	..	..	..	..	..	..	..	3	..
(c) Steam coaches and spare parts . . . . .	..	..	..	..	..	..	..	18	1
(d) Electric motor coaches and spare parts . . . . .	..	..	..	..	..	..	..	..	..
(e) Internal combustion coaches & spare parts . . . . .	..	..	..	..	..	..	..	..	..
(f) Coaching stock . . . . .	4,30	..	..	1,21	6	9	..	..	4,76
(g) Goods stock . . . . .	20	..	..	1,43	24,14	..	..	..	8,67
(h) Spare parts— coaching and goods stock . . . . .	3,37	10,57	7	5,36	1,55	18	6,67	15,36	95
(i) Motor cars . . . . .	1	34	..	..	1	..	..	28	..
6. Building and station materials and fencing . . . . .	..	3,92	2,65	80	5	1,09	..	2,56	51
7. Tools and stores :—									
(a) Tools and outlery . . . . .	1	1,71	20	1,13	31	12	1	3,16	59
(b) Steel (excluding permanent-way materials) . . . . .	8	5,24	5	3,27	1,31	9	..	8,19	8,33
(c) Iron (excluding permanent-way materials) . . . . .	..	26	45	44	10	39	..	3	49
(d) Other metals . . . . .	35	3,42	3	1,59	1,96	13	..	3,52	64
(e) Timber . . . . .	..	3	18,26	..	4	5,91	..	..	10,23
(f) Oils . . . . .	..	9,59	2,70	..	5,80	1,70	..	10,00	8,89
(g) Portland cement . . . . .	..	8	1,01	..	12	11	..	27	1,99
(h) All other stores . . . . .	24	12,76	13,27	4,38	3,90	4,76	90	18,39	19,84
8. Electrical plant and materials . . . . .	31,10	19,37	4	3,85	2,67	32	..	15,12	73
9. Other materials pur- chased in India :—									
(a) Coal and coke . . . . .	..	..	39,14	..	..	32,41	..	..	64,73
(b) Stone . . . . .	..	..	36	..	..	..	..	..	2,67
(c) Bricks . . . . .	..	..	17	..	..	38	..	1	4,70
(d) Indian lime . . . . .	..	..	18	..	..	4	..	..	63
(e) Ballast . . . . .	..	..	5,43	..	..	3,89	..	..	4,93
(f) Others . . . . .	..	20,11	83	..	..	11	..	27,28	94
<b>Total . . . . .</b>	<b>71,63</b>	<b>99,87</b>	<b>1,39,21</b>	<b>57,04</b>	<b>50,67</b>	<b>64,01</b>	<b>1,02,05</b>	<b>1,27,97</b>	<b>2,15,04</b>

DIX A—concl'd.

Nizam's State Railways) during the year 1930-31. (In thousands of rupees)—concl'd.  
imported direct.

stores purchased in India.

Indian manufacture or of indigenous origin.

Rohilkhand and Kumaon.			South Indian.			Total.			Stores purchased.
A 34	B 35	C 36	A 37	B 38	C 39	A 40	B 41	C 42	
..	5	..	63	64	25	14,99	6,05	11,07	1. Bridge work.
..	..	..	2,57	92	6	9,17	12,35	1,64	2. Engineers' plant ex- cluding petty tools.
..	1	..	84	40	3	14,61	31,59	11	3. Workshop machinery and heavy tools.
..	..	..	9	..	78	78	18	1,49,80	4. Permanent-way :—
..	..	..	1,02	..	..	1,52	..	21,48	(a) Rails.
..	..	..	..	..	..	..	28	10,71	(b) Steel sleepers.
..	..	2,37	..	..	9,96	..	..	1,74,65	(c) Cast iron sleep- ers.
..	..	..	..	..	..	..	..	..	(d) Wooden sleep- ers.
..	34	..	1,33	79	1,91	7,46	8,71	28,83	(e) Chairs and fasten- ings.
..	..	..	..	..	..	..	..	..	(f) Concrete sleepers.
1,58	10	..	7,07	22	1	3,30,22	26,95	19,22	5. Rolling-stock :—
..	..	..	..	..	..	11	3	..	(a) Locomotives and spare parts.
..	..	..	..	..	..	..	19	1	(b) Rail motors and spare parts.
..	..	..	26,63	..	..	37,56	46	4,12	(c) Steam coaches and spare parts.
..	..	..	..	..	..	..	13,72	14,65	(d) Electric motor coaches and spare parts.
12	4	..	..	6,71	..	7,26	13,72	14,65	(e) Internal combus- tion coaches and spare parts.
33	..	..	3	5,41	..	12,48	33,69	44,51	(f) Coaching stock.
..	..	..	..	..	..	..	..	..	(g) Goods stock.
2	2	..	3,34	83	14	51,71	42,17	13,98	(A) Spare parts— coaching and goods stock.
..	..	..	1	..	..	2	91	..	(i) Motor cars.
..	17	1	9,89	4,75	3,47	15,83	24,36	16,52	6. Building and station materials and fene- ing.
..	10	2	26	79	13	2,12	16,06	1,83	7. Tools and stores :—
..	2	..	62	1,64	24	8,84	30,26	12,09	(a) Tools and out- letry.
2	19	..	25	63	31	2,23	4,67	10,45	(b) Steel (excluding permanent-way materials).
..	21	..	2,75	1,17	38	6,94	30,50	2,87	(c) Iron (excluding permanent-way materials).
..	..	15	..	..	3,95	..	8	84,50	(d) Other metals.
..	..	61	..	5,67	2,19	67	63,48	32,91	(e) Timber.
..	..	5	..	1	3,72	..	2,35	15,84	(f) Oils.
..	..	..	..	..	..	..	..	..	(g) Portland cement.
14	70	33	3,14	6,03	5,05	15,97	1,19,54	1,03,50	(A) All other stores.
..	37	..	12,50	3,67	71	59,68	78,19	2,06	8. Electrical plant and materials.
..	..	1,96	..	..	14,75	..	9	3,26,09	9. Other materials pur- chased in India :—
..	..	..	..	..	23	..	1	5,94	(a) Coal and coke.
..	..	..	..	..	3,90	..	1	16,09	(b) Stone.
..	..	..	..	..	3	..	..	2,40	(c) Bricks.
..	..	..	..	..	4,98	..	..	49,22	(d) Indian lime.
..	..	..	..	..	13	..	47,45	12,60	(e) Ballast.
..	..	7	..	1	..	..	..	..	(f) Others.
2,21	2,22	5,57	72,97	40,09	57,30	5,90,17	5,94,34	11,90,30	Total.

APPEN  
Details of working of Company or State collieries

Colliery.	Owned by	Province.	Date from which each colliery commenced to work.	Year.	Capital outlay.	Out			
						Large coal.	Small coal.	Slack coal.	
1	2	3	4	5	6	7	8	9	
					Rs.	Tons.	Tons.	Tons	
Bokharo Ramgarh.	East Indian and Bengal-Nagpur Railways.	Bihar and Orissa.	August 1918.	1928-29	32,81,342	803,554	..	113,620	
				1929-30	32,80,768 <sup>(a)</sup>	830,251	..	139,733	
				1930-31	33,79,206	746,954	..	106,519	
Swang . . .	East Indian and Bengal-Nagpur Railways.	Bihar and Orissa.	27th July 1924.	1928-29	9,89,622	104,370	4,839	11,765	
				1929-30	10,89,228	81,367	6,303	10,106	
				1930-31	13,75,376	77,734	8,395	15,342	
Kurhurbaree and Serampore.	East Indian Railway.	Bihar and Orissa.	1st January 1871.	1928-29	60,38,335	622,857	130,641	92,788	
				1929-30	61,05,607	403,001	119,824	122,685	
				1930-31	62,25,946	401,673	99,060	144,465	
Bhurkunda . . .	State . . .	Bihar and Orissa.	1st June 1927.	1928-29	48,24,236	71,749	..	2,292	
				1929-30	50,55,371	101,377	32	5,579	
				1930-31	52,08,914 <sup>(d)</sup>	108,427	..	3,631	
Kargali . . .	State . . .	Bihar and Orissa.	18th June 1917.	1928-29	47,79,216	698,563	40,864	23,024	
				1929-30	46,58,394	831,707	44,860	37,472	
				1930-31	45,48,611 <sup>(c)</sup>	739,804	38,839	38,939	
Argada . . .	B. N. Railway .	Bihar and Orissa.	1st April 1926.	1928-29	31,22,805	271,117	..	32,322	
				1929-30	30,77,544 <sup>(e)</sup>	306,603	..	33,793	
				1930-31	30,45,207	265,407	..	29,898	
Talcher†	B. N. Railway .	Bihar and Orissa.		1928-29	9,20,610	..	..	..	
				1929-30	10,90,990	..	..	..	
				1930-31	12,51,601	..	..	..	
	M. & S. M. Railways.	Bihar and Orissa.			1928-29	17,71,354	..	..	..
					1929-30	126,05,031	..	..	..
					1930-31	32,09,446	..	..	..
Jarangdih . . .	B. B. & O. I. and M. & S. M. Railways.	Bihar and Orissa.	1st April 1927.	1928-29	62,66,301	114,331	..	461	
				1929-30	63,77,489	115,680	..	1,230	
				1930-31	64,34,036 <sup>(d)</sup>	94,324	..	1,077	
Ralignar† . . .	B. B. & O. I. and M. & S. M. Railways.	Bihar and Orissa.	..	1928-29	19,05,660	..	..	..	
				1929-30	19,46,475	..	..	..	
				1930-31	19,87,155	..	..	..	
Kedla Joint† . . .	E. I. and B. N. Railways.	Bihar and Orissa.	..	1928-29	1,95,032	..	..	..	
				1929-30	5,26,700	..	..	..	
				1930-31	7,85,854	..	..	..	

(a) The decrease is due to the contribution to sinking fund during this year being more than the debits to Block account.

(b) Decrease of Rs. 1,20,822, as compared with 1928-29, is due to adjustment in Sinking Fund Account.

(c) Decrease of Rs. 1,09,783 as compared with 1929-30, is due to adjustment of Sinking Fund Account.

(d) Approximate figures.

(e) Decrease is due to Rs. 54,778 credited to Sinking Fund and increase of Rs. 22,441 in Capital Outlay.

† Revised figures.

## DIX B.

for the years 1928-29 to 1930-31.

Ru.		Quantity issued.	Working expenses.	Average cost of a ton of coal.	Average number of persons employed daily.	Number of tons raised per person employed.	Number of persons killed.	Number of persons injured.	Colliery.
Total.	10								
Tons.	Tons.	Ra.	Ra.	Tons.					
922,174	922,174	21,42,363	2-32	5,110	169	1	11	Bokharo Ramgarh.	
969,984	969,984	23,37,804	2-41	5,997	162	3	12		
852,473	852,473	23,53,630	2-76	5,184	164	1	11		
121,024	107,304	†	†	843	144	..	..	Swang.	
96,776	81,397	†	†	1,113	87	16	4		
101,471	101,361	†	†	691	147	..	2		
746,286	731,410	29,82,245	3-99	6,174	121	5	23	Kurburbaroo and Serampore.	
645,510	657,171	27,63,193	4-23	6,734	96	9	27		
645,198	637,139	27,09,164	4-20	5,563	116	6	25		
74,041	74,681	†	†	534	127	..	..	Bhurkunda.	
106,988	106,988	†	†	774	133	..	..		
112,658	112,068	†	†	650	184	..	..		
762,451	762,451	25,29,595	3-31	5,558	137	2	13	Kargali.	
914,059	914,059	30,50,804	3-34	6,163	148	1	17		
817,582	817,582	26,92,102	3-38	7,122	115	1	10		
803,439	303,763	(e) 807,733	2-66	1,037	293	2	2	Argada.	
340,396	339,545	19,00,504	2-63	1,290	264	2	3		
295,305	296,568	8,80,895	3-96	1,121	263	Nil	3		
..	..	..	..	..	..	..	..	Takberf.	
..	..	..	..	..	..	..	..		
..	..	..	..	..	..	..	..		
..	..	..	..	418	..	..	..		
..	..	..	..	404	..	2	..		
..	..	..	..	..	..	..	..	Jarangdih.	
114,792	114,792	5,65,950	3-88	1,076	107	1	7		
116,910	116,910	5,83,022	4-98	1,132	103	Nil	7		
95,401	94,973	5,38,381	5-69	1,070	89	5	9	Ralgara.†	
..	..	..	..	..	..	..	..		
..	..	..	..	..	..	..	..		
..	..	..	..	..	..	..	..	Kedia Joint.†	
..	..	..	..	..	..	..	..		
..	..	..	..	..	..	..	..		

† Development still in progress. No working account yet opened.

‡ Revised figures.

(e) Including royalty charges for redemption of capital, but excluding interest.

## APPENDIX C.

Statement of the Number of Servants of all races employed on each Railway system (open lines only) and in the Railway Board and other Railway Offices at the close of the years 1929-30 and 1930-31.

Railway.	Number of servants employed.													Grand total.	
	Statutory Indians.											Total.			
	Europeans.		Hindus.		Muslims.		Anglo-Indians.		Other classes.		1929-30.			1930-31.	
	1929-30.	1930-31.	1929-30.	1930-31.	1929-30.	1930-31.	1929-30.	1930-31.	1929-30.	1930-31.		1929-30.	1930-31.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	
<b>Class I.</b>															
Assam-Bengal . . .	*64	60	10,188	10,034	5,405	5,778	*310	274	240	258	*16,233	16,344	16,297	16,404	
Bengal and North Western.	111	107	*24,087	24,121	*3,309	3,266	*228	228	*59	65	*27,743	27,680	*27,854	27,787	
Bengal-Nagpur . . .	576	541	*62,379	61,056	*6,762	6,762	1,632	1,600	1,017	1,451	*71,690	70,799	*72,256	71,340	
Bombay, Baroda and Central India.	*327	320	*56,469	54,773	*13,012	12,603	*1,199	1,176	*3,139	2,995	*73,819	71,547	*74,146	71,867	
Burma . . . . .	*180	126	*16,248	16,552	*2,434	3,040	*689	696	*7,331	6,678	*27,700	26,976	*27,830	27,103	
Eastern Bengal . . .	*316	292	*28,833	27,380	*15,502	14,920	*647	625	*648	640	*55,630	53,465	*55,946	53,787	
East Indian . . . .	1,240	1,143	114,174	106,914	30,970	30,255	2,344	2,495	1,555	1,135	149,043	140,799	150,283	141,942	
Great Indian Peninsula	*651	656	*90,470	76,909	14,209	12,055	2,111	1,949	5,486	4,744	*112,276	95,657	112,927	96,343	
Jodhpur . . . . .	*28	28	5,991	5,896	1,845	1,839	23	23	77	74	7,936	7,532	*7,964	7,560	
Madras and Southern Mahratta.	254	236	42,326	41,946	6,236	5,972	2,244	2,121	2,855	2,968	53,661	53,007	53,915	53,243	
Nizam's State . . .	91	94	12,328	13,850	2,507	2,615	359	370	697	896	15,891	17,731	15,972	17,825	
North Western . . .	*685	664	*42,215	40,161	*70,183	64,143	*1,171	1,030	*9,104	9,262	*122,673	114,646	*123,558	116,510	
Rohilkund and Kumaon.	*17	19	*4,062	4,033	*2,041	2,053	*81	31	6	10	*6,140	6,127	*6,157	6,146	
South Indian . . .	*150	145	*30,936	31,331	*2,222	2,175	*1,565	1,575	*3,914	4,059	*38,637	39,140	*38,797	39,285	
<b>Total</b> . . . . .	<b>*4,840</b>	<b>4,661</b>	<b>*550,704</b>	<b>524,696</b>	<b>*177,777</b>	<b>167,476</b>	<b>*14,453</b>	<b>14,143</b>	<b>*36,123</b>	<b>35,135</b>	<b>*779,062</b>	<b>741,450</b>	<b>*783,902</b>	<b>746,111</b>	
<b>Class II.</b>															
Barot Light . . . .	11	11	1,337	1,287	190	237	19	17	53	66	1,599	1,607	1,610	1,618	
Bengal-Dooars . . .	6	5	1,302	1,239	390	173	8	7	47	67	1,647	1,546	1,653	1,551	
Bhavnagar State . .	3	3	*2,681	2,342	*247	258	1	Nil	*51	70	*2,980	3,170	*2,983	3,173	
Bikaner State . . .	8	6	2,162	3,434	805	953	3	3	6	9	3,976	4,404	3,984	4,410	
Darjeeling-Himalayan	13	12	1,762	1,703	74	73	23	22	19	26	1,878	1,823	1,890	1,835	
Dibru-Sadiya . . .	11	12	2,195	2,269	276	236	3	1	21	16	2,405	2,572	2,506	2,584	
Gaekwar's Baroda State.	Nil	Nil	2,197	2,164	175	166	5	4	30	49	2,407	2,322	2,407	2,322	
Gondal . . . . .	Nil	Nil	*1,246	1,332	*107	75	Nil	Nil	20	20	1,373	1,427	1,373	1,427	
Howrah-Amra Light	4	2	892	923	178	179	12	13	Nil	Nil	1,082	1,120	1,086	1,122	
Jamnagar and Dwaraka.	1	1	1,087	1,177	210	230	1	1	10	14	1,308	1,363	1,309	1,363	
Junagad State . . .	1	1	960	958	222	217	6	6	11	8	1,199	1,188	1,200	1,189	
Morvi . . . . .	Nil	Nil	601	680	57	72	Nil	1	1	1	719	754	719	754	
Mysore . . . . .	3	3	974	1,037	130	150	32	35	60	93	1,225	1,315	1,228	1,318	
Shabdare (Delhi) Saharanpur	3	4	*398	355	226	216	*Nil	Nil	1	6	*625	606	628	610	
<b>Total</b> . . . . .	<b>43</b>	<b>69</b>	<b>*20,854</b>	<b>21,435</b>	<b>*3,187</b>	<b>3,229</b>	<b>*113</b>	<b>109</b>	<b>*359</b>	<b>443</b>	<b>*24,513</b>	<b>25,216</b>	<b>*24,576</b>	<b>25,276</b>	
<b>Class III, Total</b> . .	<b>*22</b>	<b>21</b>	<b>*4,933</b>	<b>4,954</b>	<b>849</b>	<b>927</b>	<b>*13</b>	<b>11</b>	<b>*72</b>	<b>70</b>	<b>*5,967</b>	<b>5,962</b>	<b>*5,934</b>	<b>5,983</b>	
Railway Board and other Railway Offices.	*66	67	*2,549	2,766	*536	639	*68	37	*157	161	*3,310	3,703	*3,366	3,760	
<b>Grand Total</b> . . . .	<b>*4,961</b>	<b>4,739</b>	<b>*579,040</b>	<b>553,851</b>	<b>*183,349</b>	<b>172,321</b>	<b>*14,647</b>	<b>14,350</b>	<b>*36,716</b>	<b>35,309</b>	<b>*812,762</b>	<b>776,331</b>	<b>*817,733</b>	<b>781,130</b>	

\* Revised figures.

APPENDIX D (i).

Summary of accidents and casualties reported by railways open for traffic in India as having occurred during 1930-31 and the preceding four years.  
[Summary of Appendices D (ii) to D(v)]

Class of accidents. 1	1926-27. 2	1927-28. 3	1928-29. 4	1929-30. 5	1930-31. 6	References. 7					
<b>I.—Accidents to trains—</b>											
<b>Collisions—</b>						Appendix D (iii) Col. 311.					
Passenger trains . . . . .	75	67	63	88	80	Items 1 to 3					
Other trains and light engines	446	343	329	371	275	" 4 to 6					
<b>Derailments—</b>						" 7(a) & 7 (b)					
Passenger trains . . . . .	381	383	412	511	369	" 8(a) & 8 (b)					
Other trains . . . . .	4,946	4,343	4,637	4,065	4,178						
<b>II.—Failure of engines and rolling-stock—</b>											
<b>Failures of engines due to faulty design, material or workmanship in the Mechanical Department.—</b>											
(1) boilers and tubes . . . . .	169	169	163	146	147	Item 9(a) (1)					
(2) machinery springs, etc. . . . .	620	544	641	637	765	" 9(a) (2)					
<b>Failures of engines due to faulty material, workmanship or operation arising from the working of the running staff.—</b>											
(1) boilers and tubes . . . . .	435	399	377	570	270	" 9 (b) (1)					
(2) other causes . . . . .	1,591	1,668	2,228	2,535	2,213	" 9 (b) (2)					
<b>Failure of tyres and wheels . . . . .</b>	49	30	33	14	37	" 9 (c) & 9 (d)					
ditto axles . . . . .	46	60	89	94	90	" 9 (e)					
ditto brake apparatus . . . . .	19	20	26	19	23	" 9 (f)					
ditto couplings and draft gear	2,930	3,368	3,150	3,001	3,100	" 9 (g)					
<b>III.—Failure of permanent-way.</b>											
Broken rails . . . . .	330	353	308	335	415	" 10 (a)					
Failure of tunnels, bridges, viaducts, culverts, etc. . . . .	20	15	9	4	9	" 10 (b)					
Flooding of portions of permanent-way . . . . .	132	164	126	171	238	" 10 (c)					
Slips in cuttings or embankments	44	38	52	108	87	" 10 (d)					
<b>IV.—Fires—</b>											
Fire in trains . . . . .	215	177	168	167	125	" 11 (a)					
Fire at stations or involving injury to bridges or viaducts.	68	68	79	99	48	" 11 (b)					
<b>V.—Other accidents—</b>											
Trains running over cattle on the line	10,053	9,694	9,707	9,265	8,861	" 12 (b)					
Trains running over obstructions on the line.	320	258	219	217	222	" 12 (c)					
Trains running over obstructions or vehicles at level crossings.				125	104	" 12 (d)					
Train-wrecking or attempted train-wrecking.	574	136	120	58	145	" 12 (e)					
Miscellaneous . . . . .		560	542	785	712	" 12 (f) + 12 (a).					
<b>TOTAL</b>	<b>23,463</b>	<b>22,847</b>	<b>23,468</b>	<b>23,526</b>	<b>22,301</b>	<b>Total</b>					
<b>*NUMBER OF PERSONS KILLED OR INJURED—</b>	<b>Killed.</b>	<b>Injured.</b>	<b>Killed.</b>	<b>Injured.</b>	<b>Killed.</b>	<b>Injured.</b>	<b>Killed.</b>	<b>Injured.</b>	<b>Killed.</b>	<b>Injured.</b>	
<b>A.—In accidents caused by the movement of railway vehicles, exclusive of accidents to trains, etc.—</b>											Appendix D (iii).
Passengers . . . . .	324	1,117	339	1,046	390	1,131	349	1,040	325	841	Total (a) Col. 39
Railway servants . . . . .	319	1,253	323	1,323	341	1,492	343	1,708	242	1,827	" (b) Col. 54
Other persons . . . . .	2,407	793	2,203	732	2,443	775	2,481	774	2,397	735	" (c) Col. 54
<b>TOTAL</b>	<b>2,750</b>	<b>3,163</b>	<b>2,865</b>	<b>3,101</b>	<b>3,179</b>	<b>3,398</b>	<b>3,173</b>	<b>3,522</b>	<b>3,004</b>	<b>3,443</b>	" (d) Col. 54
<b>B.—In accidents to trains, rolling-stock and permanent-way—</b>											Appendix D (iii).
Passengers . . . . .	16	126	45	104	24	207	6	69	12	140	Cols. 313 and 315—(Total)
Railway servants . . . . .	25	126	23	166	21	192	33	174	25	132	" 317 & 319—
Other persons . . . . .	19	35	39	84	55	94	67	171	71	96	" 321 & 323—
<b>TOTAL</b>	<b>60</b>	<b>287</b>	<b>107</b>	<b>354</b>	<b>100</b>	<b>493</b>	<b>106</b>	<b>414</b>	<b>108</b>	<b>368</b>	" 325 & 327—
<b>C.—In accidents on railway premises not connected with the movement of railway vehicles—</b>											Appendix D (iv).
Passengers . . . . .	7	21	3	29	4	30	3	17	..	16	Cols. 355 & 356—(Total)
Railway servants . . . . .	46	2,204	54	2,713	49	3,180	62	4,014	44	4,659	" 357 & 358—
Other persons . . . . .	30	61	41	68	26	85	21	57	24	61	" 359 & 360—
<b>TOTAL</b>	<b>83</b>	<b>2,286</b>	<b>98</b>	<b>2,810</b>	<b>79</b>	<b>3,296</b>	<b>86</b>	<b>4,118</b>	<b>68</b>	<b>4,736</b>	" 361 & 362—
<b>TOTAL PASSENGERS</b>	<b>347</b>	<b>1,264</b>	<b>387</b>	<b>1,179</b>	<b>418</b>	<b>1,368</b>	<b>358</b>	<b>1,126</b>	<b>337</b>	<b>1,037</b>	A + B + C above.
<b>TOTAL RAILWAY SERVANTS</b>	<b>390</b>	<b>3,583</b>	<b>400</b>	<b>4,202</b>	<b>411</b>	<b>4,664</b>	<b>438</b>	<b>5,896</b>	<b>321</b>	<b>6,618</b>	
<b>TOTAL OTHER PERSONS</b>	<b>2,156</b>	<b>899</b>	<b>2,283</b>	<b>884</b>	<b>2,529</b>	<b>955</b>	<b>2,569</b>	<b>1,032</b>	<b>2,402</b>	<b>892</b>	
<b>GRAND TOTAL</b>	<b>2,893</b>	<b>5,736</b>	<b>3,070</b>	<b>6,265</b>	<b>3,358</b>	<b>7,187</b>	<b>3,365</b>	<b>8,654</b>	<b>3,180</b>	<b>8,547</b>	

\*Number of persons killed or injured in Railway Workshops, etc., in 1930-31 not included in the above summary.

	Railway Servants.	Other Persons.	Total.	Appendix D (v)
Killed	25	26	51	Total (b), (c) & (d) (Col. 407)
Injured	9,761	58	9,819	



Number of persons killed or injured during the year 1930-31 by the movement of trains and railway distinguishing between passengers, railway servants and other persons, and classifying, as

		CLASS I								
Class of accident.		Nature of Injury.	Assam-Bengal.	Bengal and North-Western.	Bengal Nagpur.	Bombay, Baroda and Central India.	Burma.	Eastern Bengal.	East Indian.	Great Indian Peninsula.
7		8	9	10	11	12	13	14	15	16
<b>(a) PASSENGERS.</b>										
ACCIDENTS OTHER THAN THOSE TO TRAINS, ETC.										
1. Falling between trains and platforms . . . . .	Killed . . . . .	..	1	..	2	..	8	..	4	
	Injured . . . . .	..	..	4	4	1	6	..	9	
2. Falling on to the platforms, ballast, etc., when getting into or out of trains.	Killed . . . . .	1	2	2	..	5	5	10	8	
	Injured . . . . .	..	6	29	17	6	14	29	26	
3. Crossing the line at stations . . . . .	Killed . . . . .	..	3	..	3	1	1	3	2	
	Injured . . . . .	..	1	..	1	..	..	2	3	
4. Closing of carriage doors . . . . .	Killed . . . . .	..	..	..	..	..	..	..	..	
	Injured . . . . .	..	..	..	1	..	3	..	4	
5. Falling or jumping out of carriages during the running of trains.	Killed . . . . .	..	27	1	22	4	7	22	34	
	Injured . . . . .	10	49	47	59	15	35	54	91	
6. Other accidents . . . . .	Killed . . . . .	..	1	..	1	2	..	4	2	
	Injured . . . . .	..	3	2	6	..	..	10	15	
TOTAL (a)	Killed . . . . .	1	34	3	28	12	21	39	50	
	Injured . . . . .	10	59	52	89	22	58	95	148	
<b>(b) RAILWAY SERVANTS.</b>										
(i) ACCIDENTS IN CONNECTION WITH THE COUPLING AND UNCOUPLING OF VEHICLES.										
1. Coupling or uncoupling vehicles . . . . .	Killed . . . . .	..	..	..	1	..	1	3	1	
	Injured . . . . .	3	3	6	61	15	1	12	151	
2. Coming in contact, whilst riding on vehicles during shunting, with other vehicles, etc., standing on adjacent lines.	Killed . . . . .	..	..	..	..	..	1	1	1	
	Injured . . . . .	..	1	1	2	1	..	..	3	
3. Passing over or standing upon buffers during shunting.	Killed . . . . .	..	1	..	..	2	..	..	..	
	Injured . . . . .	..	3	..	1	2	..	..	..	
4. Getting on or off or falling off, engines, wagons, etc., during shunting.	Killed . . . . .	..	..	1	..	1	..	..	..	
	Injured . . . . .	..	4	3	15	5	5	5	19	
5. Braking, spragging or choking wheels . . . . .	Killed . . . . .	..	..	..	..	1	..	..	1	
	Injured . . . . .	..	..	..	11	..	1	1	39	
6. Attending to ground points, marshalling trains, etc.	Killed . . . . .	..	..	..	..	..	..	..	..	
	Injured . . . . .	..	..	1	1	..	4	..	2	
7. Moving vehicles by capstans, turntables, jacks, etc., during shunting.	Killed . . . . .	..	..	..	..	..	..	..	..	
	Injured . . . . .	..	1	..	3	..	..	1	..	
8. Other accidents during shunting operations not included in the preceding.	Killed . . . . .	..	..	1	..	..	2	3	2	
	Injured . . . . .	..	2	1	10	6	3	5	51	
TOTAL (i)	Killed . . . . .	..	1	2	1	4	4	7	5	
	Injured . . . . .	3	14	12	104	29	14	24	265	

## DIX D (ii).

vehicles, exclusive of accidents included in Appendix D (iii), on all railways open for traffic, for as practicable, the nature and causes of the accidents occasioning death or injury.

RAILWAYS.						TOTAL CLASS I RAILWAYS.		TOTAL CLASS II RAILWAYS.		TOTAL CLASS III RAILWAYS.		TOTAL ALL RAILWAYS.		Serial No. of Class of Accidents (see col. 7.)
Jodhpur	Madras and Southern Mah-ratta.	Nizam's State.	North Western.	Rohil-kund and Kumaon.	South Indian.	1930-31.	1929-30.	1930-31.	1929-30.	1930-31.	1929-30.	1930-31. (Cols. 23, 25 and 27.)	1929-30. (Cols. 24, 26 and 28.)	
17	18	19	20	21	22	23	24	25	26	27	28	29	30	
..	..	1	15	..	..	31	46	..	..	..	..	31	46	1
..	..	..	11	..	..	35	42	..	..	..	..	35	42	
..	..	..	16	..	2	51	48	..	..	..	..	51	48	2
..	..	1	26	1	4	159	149	2	2	..	1	161	143	
..	..	..	2	1	..	16	20	2	..	..	..	18	20	3
..	..	..	..	..	..	7	25	2	1	1	..	10	26	
..	..	..	..	..	..	..	..	..	..	..	..	..	..	4
..	..	..	1	..	..	9	17	1	1	..	1	10	19	
1	12	..	62	3	11	206	209	2	2	1	2	209	214	5
2	25	..	103	13	54	557	633	34	27	12	8	604	723	
..	2	1	3	..	..	16	21	..	..	..	..	16	21	6
..	9	1	9	..	1	56	71	4	6	1	1	61	72	
1	14	2	98	4	13	320	344	4	2	1	2	325	349	Total (a)
2	34	2	150	14	59	823	992	43	37	15	11	861	1,040	
..	1	..	3	..	2	12	9	..	..	..	..	12	9	1
..	17	6	77	1	24	377	370	10	3	7	7	394	350	
..	..	..	..	..	..	3	1	..	..	..	..	3	1	2
..	..	..	1	..	..	9	12	1	2	1	..	11	14	
..	..	..	3	..	..	6	..	1	..	..	..	7	..	3
..	1	..	1	1	..	9	15	..	1	..	..	9	16	
..	..	..	1	..	..	3	9	1	..	..	1	4	10	4
..	..	1	11	..	..	68	60	1	1	..	1	69	62	
..	..	..	..	..	..	2	..	..	..	..	..	2	..	5
..	1	..	..	..	..	53	60	..	..	1	3	54	63	
..	..	..	..	..	..	..	4	..	..	..	..	..	4	6
..	..	..	..	..	..	3	2	..	..	..	..	3	2	
..	..	..	..	..	..	..	..	..	..	..	..	..	..	7
..	..	..	2	..	..	7	7	1	1	..	..	8	8	
..	1	..	1	1	..	11	22	..	..	..	..	11	22	8
..	10	1	35	..	10	134	122	7	2	..	1	141	125	
..	2	..	6	1	2	37	45	2	..	..	1	39	46	Total (b)
..	29	8	127	2	34	655	644	20	19	9	12	694	660	

Number of persons killed or injured during the year 1930-31 by the movement of trains and railway between passengers, railway servants and other persons, and classifying, as

Class of accident.		CLASS I								
		Nature of Injury.	Assam-Bengal.	Bengal and North-Western.	Bengal Nagpur.	Bombay, Baroda and Central India.	Burma.	Eastern Bengal.	East Indian	Great Indian Peninsula.
32		33	34	35	36	37	38	39	40	41
<b>(b) RAILWAY SERVANTS—contd.</b>										
<b>(ii) OTHER ACCIDENTS.</b>										
9. Falling off engines, etc., during the running of trains.	Killed	..	..	..	..	..	..	1	1	1
	Injured	3	4	5	9	1	2	7	28	
10. Coming in contact with over-bridges, or erections on the sides of the line during the running of trains.	Killed	..	..	..	1	..	..	1	1	1
	Injured	..	..	..	3	..	3	4	13	
11. Getting on or off engines, vans, etc., during the running of trains.	Killed	..	..	1	..	..	1	..	3	
	Injured	1	1	3	13	7	7	14	62	
12. Attending to, or failure of, machinery, etc. of engines in steam.	Killed	..	..	..	..	..	..	..	..	..
	Injured	1	..	..	18	..	4	..	269	
13. Working on the permanent-way, sidings, etc.	Killed	..	..	10	..	..	1	10	15	
	Injured	1	1	3	..	2	..	9	4	
14. Attending to gates at level-crossings	Killed	..	2	..	1	2	2	1	1	
	Injured	..	..	..	..	1	3	1	1	
15. Walking, crossing, or standing on the line on duty.	Killed	..	..	3	6	3	7	19	23	
	Injured	..	1	8	14	2	7	6	19	
16. Being caught between vehicles	Killed	1	..	..	..	..	..	..	..	
	Injured	1	..	..	2	1	1	..	1	
17. Falling or being caught between trains and platforms, walls, etc.	Killed	..	..	..	..	..	..	..	..	
	Injured	..	..	..	2	..	2	..	4	
18. Walking, etc., on the line on the way home or to work.	Killed	..	1	..	2	4	2	10	1	
	Injured	..	1	..	7	1	..	2	..	
19. Miscellaneous	Killed	4	..	6	..	1	2	23	2	
	Injured	6	5	6	50	7	8	23	71	
TOTAL (ii)	Killed	5	3	20	10	10	16	65	47	
	Injured	13	13	25	118	22	37	66	472	
TOTAL RAILWAY SERVANTS (b)=[(i) + (ii)]	Killed	5	4	22	11	14	20	72	52	
	Injured	16	27	37	222	51	51	90	737	
<b>(c) OTHER PERSONS.</b>										
1. Passing over the railway at level crossings.	Killed	..	4	..	4	..	5	7	5	
	Injured	..	1	..	4	2	2	4	..	
2. Trespassing on the line	Killed	52	239	157	115	69	161	468	159	
	Injured	31	60	53	54	46	38	126	45	
3. Suicides	Killed	2	6	47	10	6	23	131	38	
	Injured	..	..	25	1	1	..	4	3	
4. Miscellaneous	Killed	..	10	1	..	..	..	12	..	
	Injured	4	1	8	3	3	1	6	3	
TOTAL OTHER PERSONS (c)	Killed	54	259	205	129	75	189	618	202	
	Injured	35	62	86	62	52	41	140	51	
<b>(d) GRAND TOTAL = (a) + (b) + (c)</b>	Killed	60	297	230	168	101	230	729	304	
	Injured	61	148	205	372	125	160	325	325	

## DIX D(ii)—concl'd.

vehicles, exclusive of accidents included in Appendix D (iii), on all railways open for traffic distinguishing far as practicable, the nature and causes of the accidents occasioning death or injury.

RAILWAYS.						TOTAL CLASS I RAILWAYS.		TOTAL CLASS II RAILWAYS.		TOTAL CLASS III RAILWAYS.		TOTAL ALL RAILWAYS.		Total No. of cases of accidents (see col. 27.)
Jodhpur.	Madras and Southern Mahratta.	Nizam's State.	North Western.	Rohilkund and Kumaon.	South Indian.	1930-31.	1929-30.	1930-31.	1929-30.	1930-31.	1929-30.	1930-31.	1929-30.	
42	43	44	45	46	47	48	49	50	51	52	53	Col. 48, 50 & 52	Col. 49, 51 & 53	55
..	..	..	1	..	..	4	12	2	2	..	..	6	14	9
..	1	3	26	..	2	91	88	3	13	1	1	95	102	
..	..	..	..	..	..	3	3	..	..	..	..	3	3	
..	..	1	12	..	..	36	29	1	3	..	..	37	33	10
..	..	..	6	..	1	12	23	1	..	..	..	13	23	
..	9	1	7	1	2	128	85	5	5	..	1	133	101	11
..	..	..	2	..	..	2	1	..	..	..	..	2	1	
..	2	..	70	..	2	365	312	..	..	6	2	371	314	12
..	5	..	6	..	..	47	49	..	..	..	..	47	49	
..	3	1	4	..	..	28	34	2	1	..	..	30	35	13
..	..	..	..	..	..	9	7	..	..	..	..	9	7	
..	..	..	..	..	..	6	7	..	..	..	1	6	8	14
..	4	2	20	1	..	88	109	..	1	..	..	89	110	
..	9	9	19	..	2	96	95	1	1	..	1	97	97	15
..	..	2	1	..	..	4	4	2	1	..	..	6	5	
..	1	1	11	..	..	19	8	1	..	..	..	20	8	16
..	..	1	..	..	..	1	9	..	..	..	..	1	9	
..	..	..	4	..	1	13	21	..	..	..	1	13	22	17
..	..	..	4	..	..	24	35	1	..	..	..	25	35	
..	3	2	2	..	..	18	21	3	..	..	..	21	21	18
1	2	1	1	..	..	43	41	..	..	..	..	43	41	
2	50	5	34	3	32	202	292	2	3	6	7	310	302	19
1	11	6	41	1	1	237	293	6	4	..	..	243	297	
2	78	23	189	4	41	1,103	1,002	18	25	12	14	1,133	1,042	
1	13	6	49	2	3	274	338	8	4	..	1	282	343	Total (15)
2	107	31	316	6	75	1,708	1,546	38	35	21	25	1,827	1,708	
..	3	..	..	..	..	28	30	..	..	..	2	28	32	1
..	..	2	1	..	..	16	9	2	3	..	..	19	17	
9	96	24	188	21	120	1,878	1,970	28	32	15	3	1,921	2,010	2
..	14	5	53	17	34	576	622	28	33	14	17	618	672	
2	37	5	22	3	30	362	369	1	4	2	2	365	375	3
..	..	..	1	..	..	35	11	..	1	..	1	35	13	
3	2	..	20	..	27	75	59	7	4	1	1	83	54	4
..	9	1	9	1	4	53	64	5	5	2	3	63	72	
14	138	29	230	24	177	2,343	2,428	35	40	18	13	2,397	2,481	Total (16)
..	23	8	64	18	38	680	705	20	47	16	21	726	774	
16	165	37	377	30	193	2,937	3,110	45	46	19	17	3,004	3,173	Grand Total (17)
4	164	41	530	38	172	3,271	3,344	120	120	52	55	3,443	3,522	

Number of accidents due to, collisions between and derailments of trains, fires, failures of engines, rolling  
different classes of accidents and the number of passengers, railway

CLASS I

Class of accident.	ASSAM BENGAL										
	Acci- dents re- ported to Local Govern- ments under section 83 of the Indian Railways Act No. IX of 1890.	Other acci- dents.	Total. (Cols. 58 and 59).	Passengers.		Railway servants.		Other persons.		Total.	
				Killed.	In- jured.	Killed.	In- jured.	Killed.	In- jured.	Killed. (Cols. 61, 63 and 65.)	In- jured. (Cols. 62, 64 and 66.)
57	58	59	60	61	62	63	64	65	66	67	68
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.	..	1	1	..	..	..	..	..	..	..	..
3. Collisions between passenger trains and buffer stops or vehicles standing against buffer stops, due to trains running into stations and sidings at too high a speed.	..	..	..	..	..	..	..	..	..	..	..
4. Collisions between goods and mineral trains and parts of goods or mineral trains, engines and vehicles standing foul of the line.	..	..	..	..	..	..	..	..	..	..	..
5. Collisions between goods trains and buffer stops or vehicles standing against buffer stops, due to trains running into stations and sidings at too high a speed.	..	..	..	..	..	..	..	..	..	..	..
6. Collisions between light engines	..	..	..	..	..	..	..	..	..	..	..
7. Derailments of passenger trains—											
(a) due to trains running in the wrong direction through points.	..	2	2	..	..	..	..	..	..	..	..
(b) other causes	..	9	9	..	..	..	..	..	..	..	..
8. Other derailments—											
(a) due to trains running in the wrong direction through points.	..	2	2	..	..	..	..	..	..	..	..
(b) other causes	..	22	22	..	..	..	..	..	..	..	..
9. Failure of engines and rolling-stock—											
(a) failures of engines due to faulty design material or workmanship in the mechanical department—											
(1) boilers and tubes	..	..	..	..	..	..	..	..	..	..	..
(2) machinery, springs, etc.	..	..	..	..	..	..	..	..	..	..	..
(b) failures of engines due to faulty material, workmanship or operation arising from the working of the running staff—											
(1) boilers and tubes	..	..	..	..	..	..	..	..	..	..	..
(2) other causes	..	..	..	..	..	..	..	..	..	..	..
(c) The failure of tyres	..	..	..	..	..	..	..	..	..	..	..
(d) Ditto wheels	..	..	..	..	..	..	..	..	..	..	..
(e) Ditto axles	..	..	..	..	..	..	..	..	..	..	..
(f) Ditto brake apparatus	..	..	..	..	..	..	..	..	..	..	..
(g) Ditto couplings and draft gear	..	66	66	..	..	..	..	..	..	..	..
10. Failure of permanent-way—											
(a) Broken rails	..	21	21	..	..	..	..	..	..	..	..
(b) The failure of tunnels, bridges, viaducts, culverts, etc.	..	..	..	..	..	..	..	..	..	..	..
(c) The flooding of portions of permanent-way	..	14	14	..	..	..	..	..	..	..	..
(d) Slips in cuttings or embankments	..	11	11	..	..	..	..	..	..	..	..
11. Fires—											
(a) Fire in trains	..	6	6	..	..	..	..	..	..	..	..
(b) Fire at stations, or involving injury to bridges or viaducts.	..	4	4	..	..	..	..	..	..	..	..
12. Other accidents—											
(a) Passenger trains running in the wrong direction through points but not derailed.	..	1	1	..	2	..	..	..	..	..	2
(b) Trains running over cattle on the line.	..	131	131	..	..	..	..	..	..	..	..
(c) Trains running over obstructions on the line (other than those at level-crossings).	3	3	6	..	..	..	..	..	..	..	..
(d) Trains running over obstructions or vehicles at level crossings.	1	2	3	..	..	..	..	..	..	..	..
(e) Train wrecking or attempted train-wrecking.	..	2	2	..	..	..	..	..	..	..	..
(f) Miscellaneous	..	3	3	..	..	..	..	..	..	..	..
Total	4	500	304	..	2	..	..	..	..	..	2

DIX D (iii).

stock, permanent-way, etc., during the year 1930-31 on all railways open for traffic, distinguishing between the servants and other persons, killed or injured in each class of accident.

RAILWAYS.

BENGAL AND NORTH-WESTERS.

Accidents reported to Local Governments under section 83 of the Indian Railways Act No. IX of 1890. 69	Other accidents. 70	Total (Cols. 69 and 70). 71	Passengers.		Railway servants.		Other persons.		Total.		Serial No. of class of accidents (see column No. 67). 80
			Killed. 72	Injured. 73	Killed. 74	Injured. 75	Killed. 76	Injured. 77	Killed. (Cols. 72, 74 and 76). 78	Injured. (Cols. 73, 75 and 77). 79	
..	..	..	..	..	..	..	..	..	..	..	1
..	3	3	..	..	..	..	..	..	..	..	2
..	..	..	..	..	..	..	..	..	..	..	3
..	3	3	..	..	10	9	..	..	10	9	4
..	..	..	..	..	..	..	..	..	..	..	5
..	..	..	..	..	..	..	..	..	..	..	6
..	1	1	..	..	..	..	..	..	..	..	7 (a)
..	5	5	1	4	2	5	..	..	3	9	7 (b)
..	9	9	..	..	..	..	..	..	..	..	8 (a)
..	35	35	..	..	..	..	..	..	..	..	8 (b)
..	..	..	..	..	..	..	..	..	..	..	9 (a)
..	1	1	..	..	..	..	..	..	..	..	9 (a) 1
..	8	8	..	..	..	..	..	..	..	..	9 (a) 2
..	..	..	..	..	..	..	..	..	..	..	9 (b)
..	..	..	..	..	..	..	..	..	..	..	9 (b) 1
..	152	152	..	..	..	..	..	..	..	..	9 (b) 2
..	..	..	..	..	..	..	..	..	..	..	9 (c)
..	..	..	..	..	..	..	..	..	..	..	9 (d)
..	..	..	..	..	..	..	..	..	..	..	9 (e)
..	..	..	..	..	..	..	..	..	..	..	9 (f)
..	56	56	..	..	..	..	..	..	..	..	9 (g)
..	3	3	..	..	..	..	..	..	..	..	10 (a)
..	..	..	..	..	..	..	..	..	..	..	10 (b)
..	5	5	..	..	..	..	..	..	..	..	10 (c)
..	..	..	..	..	..	..	..	..	..	..	10 (d)
..	..	..	..	..	..	..	..	..	..	..	11 (a)
..	..	..	..	..	..	..	..	..	..	..	11 (b)
..	2	2	..	..	..	..	..	..	..	..	12 (a)
..	5	5	..	..	..	..	..	..	..	..	12 (a)
..	168	168	..	..	..	..	..	..	..	..	12 (b)
..	7	7	..	..	..	..	..	..	..	..	12 (c)
..	4	4	..	..	..	..	..	..	..	..	12 (d)
..	3	3	..	13	..	..	..	..	..	13	12 (e)
..	14	14	..	..	..	2	..	..	..	2	12 (f)
..	491	491	1	17	12	16	..	..	13	33	Total.

Number of accidents due to, collisions between and derailments of trains, fires, failures of engines, rolling-stock  
different classes of accidents and the number of passengers

CLASS I

Class of accident.	BENGALE-NAGPUR.										
	Accidents reported to Local Governments under section 83 of the Indian Railways Act No. IX of 1890. 82	Other accidents. 83	Total. (Cols. 82 and 83.) 84	Passengers.		Railway servants.		Other persons.		Total.	
				Killed. 85	Injured. 86	Killed. 87	Injured. 88	Killed. 89	Injured. 90	Killed. (Cols. 85, 87 and 89.) 91	Injured. (Cols. 86, 88 and 90.) 92
81											
1. Collisions between passenger trains or parts of passenger trains.	1	..	1	..	..	..	..	..	..	..	..
2. Collisions between passenger trains and goods or mineral trains, engines, and vehicles standing foul of the line.	..	..	..	..	..	..	..	..	..	..	..
3. Collisions between passenger trains and buffer stops or vehicles standing against buffer stops, due to trains running into stations and sidings at too high a speed.	1	..	1	..	11	..	2	..	..	..	13
4. Collisions between goods and mineral trains and parts of goods or mineral trains, engines and vehicles, standing foul of the line.	..	31	31	..	..	..	6	..	..	..	6
5. Collisions between goods trains and buffer stops or vehicles standing against buffer stops, due to trains running into stations and sidings at too high a speed.	..	1	1	..	..	..	..	..	..	..	..
6. Collisions between light engines . . . . .	..	6	6	..	..	..	6	..	..	..	6
7. Derailments of passenger trains—											
(a) due to trains running in the wrong direction through points.	..	..	..	..	..	..	..	..	..	..	..
(b) other causes . . . . .	9	..	9	..	..	1	..	..	..	1	..
8. Other derailments—											
(a) due to trains running in the wrong direction through points.	..	..	..	..	..	..	..	..	..	..	..
(b) other causes . . . . .	1	77	78	..	..	..	..	..	..	..	..
Failure of engines and rolling stock—											
(a) failures of engines due to faulty design, material or workmanship in the mechanical department—											
(1) boilers and tubes . . . . .	..	4	4	..	..	..	..	..	..	..	..
(2) machinery, springs, etc. . . . .	..	8	8	..	..	..	..	..	..	..	..
(b) failures of engines due to faulty material, workmanship or operation arising from the working of the running staff—											
(1) boilers and tubes . . . . .	..	35	35	..	..	..	..	..	..	..	..
(2) other causes . . . . .	..	98	98	..	..	..	..	..	..	..	..
(c) The failure of tyres . . . . .	..	2	2	..	..	..	..	..	..	..	..
(d) Ditto wheels . . . . .	..	..	..	..	..	..	..	..	..	..	..
(e) Ditto axles . . . . .	..	..	..	..	..	..	..	..	..	..	..
(f) Ditto brake apparatus . . . . .	..	..	..	..	..	..	..	..	..	..	..
(g) Ditto couplings and draft gear . . . . .	..	107	107	..	..	..	..	..	..	..	..
10. Failure of permanent-way—											
(a) Broken rails . . . . .	..	56	56	..	..	..	..	..	..	..	..
(b) The failure of tunnels, bridges, viaducts, culverts, etc. . . . .	1	..	1	..	..	..	..	..	..	..	..
(c) The flooding of portions of permanent-way . . . . .	2	1	3	..	..	..	..	..	..	..	..
(d) Slips in cuttings or embankments . . . . .	..	1	1	..	..	..	..	..	..	..	..
11. Fires—											
(a) Fire in trains . . . . .	..	1	1	..	..	..	..	..	..	..	..
(b) Fire at stations, or involving injury to bridges or viaducts. . . . .	..	2	2	..	..	..	..	..	..	..	..
12. Other accidents—											
(a) Passenger trains running in the wrong direction through points but not derailed.	..	..	..	..	..	..	..	..	..	..	..
(b) Trains running over cattle on the line . . . . .	..	207	207	..	..	..	..	..	..	..	..
(c) Trains running over obstructions on the line (other than those at level-crossings).	..	11	11	..	..	..	..	..	..	..	..
(d) Trains running over obstructions or vehicles at level crossings. . . . .	..	..	..	..	..	..	..	..	..	..	..
(e) Train-wrecking or attempted train wrecking. . . . .	6	..	6	..	..	..	..	..	..	..	..
(f) Miscellaneous . . . . .	6	46	51	..	7	..	5	3	7	3	19
Total . . . . .	28	694	720	..	18	1	19	3	7	4	44

DIX D (iii)—contd.

permanent-way, etc., during the year 1930-31 on all railways, open for traffic, distinguishing between the railway servants and other persons, killed or injured in each class of accident.

R A I L W A Y S—contd.

BOMBAY, BARODA AND CENTRAL INDIA.												
Accidents reported to Local Governments under section 83 of the Indian Railways Act No. IX of 1890. 93	Other accidents. 94	Total. (Cols. 93 and 94) 95	Passengers.		Railway servants.		Other persons.		Total.		Serial No. of class of accidents (see column No. 81).  104	
			Killed. 96	Injured. 97	Killed. 98	Injured. 99	Killed. 100	Injured. 101	Killed. (Cols. 98, 99 and 100). 102	Injured. (Cols. 97, 99 and 101.) 103		
1	..	1	..	..	..	..	..	3	..	3	..	1
1	1	2	..	..	..	..	..	..	..	..	..	2
..	..	..	..	..	..	..	..	..	..	..	..	3
..	10	10	..	2	..	..	..	..	..	..	2	4
..	2	2	..	..	..	..	..	..	..	..	..	5
..	..	..	..	..	..	..	..	..	..	..	..	6
..	..	..	..	..	..	..	..	..	..	..	..	7 (a)
4	24	28	1	7	2	9	1	1	4	17	..	7 (b)
..	1	1	..	..	..	..	..	..	..	..	..	8 (a)
2	763	763	..	..	..	1	..	..	..	..	1	8 (b)
..	..	..	..	..	..	..	..	..	..	..	..	9 (a)
..	1	1	..	..	..	..	..	..	..	..	..	9 (a) 1
..	12	12	..	..	..	..	..	..	..	..	..	9 (a) 2
..	..	..	..	..	..	..	..	..	..	..	..	9 (b)
..	27	27	..	..	..	..	..	..	..	..	..	9 (b) 1
..	164	164	..	..	..	..	..	..	..	..	..	9 (b) 2
..	..	..	..	..	..	..	..	..	..	..	..	9 (c)
..	..	..	..	..	..	..	..	..	..	..	..	9 (d)
..	8	8	..	..	..	..	..	..	..	..	..	9 (e)
..	1	1	..	..	..	..	..	..	..	..	..	9 (f)
..	210	210	..	..	..	..	..	..	..	..	..	9 (g)
..	84	84	..	..	..	..	..	..	..	..	..	10 (a)
..	1	1	..	..	..	..	..	..	..	..	..	10 (b)
24	2	26	..	..	..	..	..	..	..	..	..	10 (c)
2	1	3	..	..	..	..	..	..	..	..	..	10 (d)
..	5	5	..	..	..	..	..	..	2	..	2	11 (a)
..	5	5	..	..	..	..	..	..	..	..	..	11 (b)
..	18	18	..	..	..	..	..	..	..	..	..	12 (a)
1	672	673	..	..	..	..	..	..	..	..	..	12 (b)
23	..	23	..	..	..	..	..	..	..	..	..	12 (c)
5	2	7	..	..	..	..	..	13	10	13	10	12 (d)
4	..	4	..	..	..	..	..	..	..	..	..	12 (e)
6	21	27	..	..	..	..	..	..	..	..	..	12 (f)
73	2,035	2,118	1	9	2	10	17	14	20	33	Total.	



Number of accidents due to, collisions between and derailments of trains, fires, failures of engines, rolling  
different classes of accidents and the number of passengers, railwa

Class of accident.	C L A S S										
	BURMA.										
	Accidents reported to Local Governments under section 83 of the Indian Railways Act No. IX of 1890. 106	Other accidents. 107	Total. (Cols. 106 and 107). 108	Passengers.		Railway servants.		Other persons.		Total.	
				Killed. 109	In-jured. 110	Killed. 111	In-jured. 112	Killed. 113	In-jured. 114	Killed. (Cols. 109, 111 and 113). 115	In-jured. (Cols. 110, 112 and 114). 116
195											
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.	..	1	1	..	..	..	..	..	..	..	
3. Collisions between passenger trains and buffer stops or vehicles standing against buffer stops, due to trains running into stations and sidings at too high a speed.	..	..	..	..	..	..	..	..	..	..	
4. Collisions between goods and mineral trains and parts of goods or mineral trains, engines and vehicles standing foul of the line.	..	13	13	..	..	..	1	..	..	1	
5. Collisions between goods trains and buffer stops or vehicles standing against buffer stops, due to trains running into stations and sidings at too high a speed.	..	1	1	..	..	..	..	..	..	..	
6. Collisions between light engines	..	1	1	..	..	..	..	..	..	..	
7. Derailments of passenger trains—											
(a) due to trains running in the wrong direction through points.	..	..	..	..	..	..	..	..	..	..	
(b) other causes	16	..	16	1	4	1	3	..	..	2	
8. Other derailments—											
(a) due to trains running in the wrong direction through points.	..	4	4	..	..	..	..	..	..	..	
(b) other causes	..	43	43	..	..	..	..	..	..	..	
9. Failure of engines and rolling stock—											
(a) failure of engines due to faulty design, material or workmanship in the mechanical department—											
(1) boilers and tubes	..	..	..	..	..	..	..	..	..	..	
(2) machinery, springs, etc.	..	22	22	..	..	..	..	..	..	..	
(b) failures of engines due to faulty material, workmanship or operation arising from the working of the running staff—											
(1) boilers and tubes.	..	13	13	..	..	..	..	..	..	..	
(2) other causes	..	93	93	..	..	..	..	..	..	..	
(c) The failure of tyres	..	1	1	..	..	..	..	..	..	..	
(d) Ditto wheels	..	..	..	..	..	..	..	..	..	..	
(e) Ditto axles	1	7	8	..	..	..	..	..	..	..	
(f) Ditto brake apparatus	..	8	8	..	..	..	..	..	..	..	
(g) Ditto couplings and draft gear.	1	160	161	..	..	..	..	..	..	..	
10. Failure of permanent way—											
(a) Broken rails	..	8	8	..	..	..	..	..	..	..	
(b) The failure of tunnels, bridges, viaducts, culverts, etc.	..	1	1	..	..	..	..	..	..	..	
(c) The flooding of portions of permanent-way	6	14	20	..	..	..	..	..	..	..	
(d) Slips in cuttings or embankments	..	5	5	..	..	..	..	..	..	..	
11. Fires—											
(a) Fire in trains	..	4	4	..	..	..	..	..	..	..	
(b) Fire at stations, or involving injury to bridges or viaducts.	..	2	2	..	..	..	..	..	..	..	
12. Other accidents—											
(a) Passenger trains running in the wrong direction through points but not derailed.	..	..	..	..	..	..	..	..	..	..	
(b) Trains running over cattle on the line	5	344	349	..	..	..	1	..	2	3	
(c) Trains running over obstructions on the line (other than those at level crossings).	..	13	13	..	..	..	..	..	..	..	
(d) Trains running over obstructions or vehicles at level crossings.	..	7	7	..	..	..	..	..	1	1	
(e) Train-wrecking or attempted train-wrecking.	1	1	2	3	6	..	..	..	..	6	
(f) Miscellaneous	..	23	23	..	..	..	1	..	..	1	
Total	30	794	824	4	10	1	6	..	3	19	

DIX D (iii)—contd.

stock, permanent-way, etc., during the year 1930-31 on all railways open for traffic, distinguishing between the servants and other persons, killed or injured in each class of accident.

R A I L W A Y S—contd.

EASTERN BENGAL.											
Accidents reported to Local Governments under section 83 of the Indian Railways Act No. IX of 1930. 117	Other accidents. 118	Total. (Cols. 117 and 118). 119	Passengers.		Railway servants.		Other persons.		Total.		Serial No. of Class of Accidents. (See column No. 105). 128
			Killed. 120	Injured. 121	Killed. 122	Injured. 123	Killed. 124	Injured. 125	Killed. (Cols. 120, 122 and 124). 126	Injured. (Cols. 121, 123 and 125). 127	
..	..	..	..	..	..	..	..	..	..	..	1
4	..	4	..	..	..	..	..	..	..	..	2
1	1	2	..	..	..	..	..	1	..	1	3
1	6	7	..	..	..	..	1	2	1	2	4
..	..	..	..	..	..	..	..	..	..	..	5
..	1	1	..	..	..	..	..	..	..	..	6
1	..	1	..	..	..	..	..	..	..	..	7 (a)
19	..	19	..	..	..	..	..	..	..	..	7 (b)
..	10	10	..	..	..	..	..	..	..	..	8 (a)
..	10	19	..	..	..	..	..	..	..	..	8 (b)
..	..	..	..	..	..	..	..	..	..	..	9 (a)
..	4	4	..	..	..	..	..	..	..	..	9 (a) 1
..	21	21	..	..	..	..	..	..	..	..	9 (a) 2
..	..	..	..	..	..	..	..	..	..	..	9 (b)
..	2	2	..	..	..	..	..	..	..	..	9 (b) 1
..	90	90	..	..	..	..	..	..	..	..	9 (b) 2
..	..	..	..	..	..	..	..	..	..	..	9 (c)
..	..	..	..	..	..	..	..	..	..	..	9 (d)
..	..	..	..	..	..	..	..	..	..	..	9 (e)
..	..	..	..	..	..	..	..	..	..	..	9 (f)
..	119	119	..	..	..	..	..	..	..	..	9 (g)
..	34	34	..	..	..	..	..	..	..	..	10 (a)
1	..	1	..	..	..	..	..	..	..	..	10 (b)
3	2	5	..	..	..	..	..	..	..	..	10 (c)
1	..	1	..	..	..	..	..	..	..	..	10 (d)
1	..	1	..	..	..	..	..	..	..	..	11 (a)
..	6	6	..	..	..	..	..	..	..	..	11 (b)
..	..	..	..	..	..	..	..	..	..	..	12 (a)
..	150	150	..	..	..	..	..	..	..	..	12 (b)
..	7	14	..	..	..	..	..	..	..	..	12 (c)
7	5	12	..	..	..	..	2	2	2	2	12 (d)
7	..	27	4	56	..	..	..	..	4	56	12 (e)
27	13	13	..	..	..	..	..	..	..	..	12 (f)
..	..	..	..	..	..	..	2	5	7	61	Total.
73	490	563	4	56	..	..	2	5	7	61	Total.

Number of accidents due to collisions between and derailments of trains, fires, failures of engines, rolling—  
different classes of accidents and the number of passengers, railway

O L A S S I											
EAST INDIAN.											
Class of accident.	Acci- dents re- ported to Local Govern- ments under section 83 of the Indian Railways Act No. IX of 1890. 130	Other acci- dents. 131	Total. (Cols. 130 and 131). 132	Passengers.		Railway servants.		Other persons.		Total.	
				Killed.	In- jured.	Killed.	In- jured.	Killed.	In- jured.	Killed. (Cols. 133, 135 and 137). 139	In- jured. (Cols. 134, 136 and 138). 140
				133	134	135	136	137	138	139	140
129											
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 passenger trains and buffer stops or vehicles standing against buffer stops due to trains running into stations and sidings at too high a speed.	..	..	..	..	..	..	..	..	..	..	..
4. Collisions between goods and mineral trains and parts of goods or mineral trains, engines and vehicles standing foul of the line.	1	20	21	..	..	..	2	..	..	..	2
5. Collisions between goods trains and buffer stops or vehicles standing against buffer stops, due to trains running into stations and sidings at too high a speed.	..	4	4	..	..	..	..	..	..	..	..
6. Collisions between light engines	..	18	18	..	..	1	2	..	..	1	2
7. Derailments of passenger trains—											
(a) Due to trains running in the wrong direction through points.	1	8	9	..	1	1	1	..	..	1	2
(b) Other causes	..	8	8	..	..	..	..	..	..	..	..
8. Other derailments—											
(a) Due to trains running in the wrong direction through points.	..	22	22	..	..	..	..	..	..	..	..
(b) Other causes	1	668	669	..	..	..	6	..	..	..	6
9. Failure of engines and rolling-stock—											
(a) failures of engines due to faulty design, materials or workmanship in the mechanical department—											
(1) boilers and tubes.	..	35	35	..	..	..	..	..	..	..	..
(2) machinery, springs, etc.	..	84	84	..	..	..	..	..	..	..	..
(b) failures of engines due to faulty material, workmanship or operation arising from the working of the running staff—											
(1) boilers and tubes.	..	31	31	..	..	..	..	..	..	..	..
(2) other causes	..	510	510	..	..	..	..	..	..	..	..
(c) The failure of tyres	1	4	5	..	..	..	..	..	..	..	..
(d) Ditto wheels	..	5	5	..	..	..	..	..	..	..	..
(e) Ditto axles	..	8	8	..	..	..	..	..	..	..	..
(f) Ditto brake apparatus	..	4	4	..	..	..	..	..	..	..	..
(g) Ditto couplings and draft gear	..	832	832	..	..	..	..	..	..	..	1
10. Failure of permanent-way—											
(a) Broken rails	..	44	44	..	..	..	..	..	..	..	..
(b) The failure of tunnels, bridges, viaducts, culverts, etc.	..	..	..	..	..	..	..	..	..	..	..
(c) The flooding of portions of permanent-way	..	1	1	..	..	..	..	..	..	..	..
(d) Slips in cuttings or embankments	..	4	4	..	..	..	..	..	..	..	..
11. Fires—											
(a) Fire in trains	..	13	13	..	..	..	..	..	..	..	..
(b) Fire at stations, or involving injury to bridges or viaducts.	..	6	6	..	..	..	..	..	..	..	..
12. Other accidents—											
(a) Passenger trains running in the wrong direction through points but not derailed.	..	25	25	..	..	..	..	..	..	..	..
(b) Trains running over cattle on the line	..	1,102	1,102	..	..	..	..	..	..	..	..
(c) Trains running over obstructions on the line (other than those at level crossings).	..	16	16	..	..	..	..	..	..	..	..
(d) Trains running over obstructions or vehicles at level crossings.	3	7	10	..	..	..	..	3	4	3	4
(e) Train wrecking or attempted train wrecking	2	18	20	..	..	..	..	..	..	..	..
(f) Miscellaneous	..	183	183	..	..	..	1	..	..	..	1
Total	9	3,678	3,687	..	1	2	12	3	5	5	18

## DIX D (iii)—contd.

stock, permanent-way, etc., during the year 1930-31 on all railways open for traffic, distinguishing between the servants and other persons, killed or injured in each class of accident.

R A I L W A Y S—contd.

GREAT INDIAN PENINSULA.												
Accidents reported to Local Governments under section 83 of the Indian Railways Act No. IX of 1890.	Other accidents.	Total. (Cols. 141 and 142).	Passengers.		Railway servants.		Other persons.		Total.		Serial No. of Class of Accidents. (See column No. 130).	
			Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed. (Cols. 144, 146 and 148). 150.	Injured. (Cols. 145, 147, and 149). 151.		
												141
..	2	2	..	..	..	..	..	..	..	..	..	1
..	16	16	..	..	..	..	..	..	..	..	2	2
..	6	6	..	..	..	..	..	..	..	..	..	3
2	39	41	..	..	2	17	..	..	2	17	..	4
..	45	45	..	..	..	..	..	..	..	..	..	5
..	22	22	..	..	..	3	..	..	..	3	..	6
..	..	..	..	..	..	..	..	..	..	..	..	7 (a)
..	60	60	..	..	..	..	..	..	..	..	..	7 (b)
1	12	13	..	..	2	1	..	..	2	1	..	8 (d)
1	727	728	..	..	1	15	..	..	1	15	..	8 (b)
..	..	..	..	..	..	..	..	..	..	..	..	9 (a)
..	1	1	..	..	..	..	..	..	..	..	..	9 (a) 1
..	61	61	..	..	..	..	..	..	..	..	..	9 (a) 2
..	..	..	..	..	..	..	..	..	..	..	..	9 (b)
..	19	19	..	..	..	..	..	..	..	..	..	9 (b) 1
..	447	447	..	..	..	..	..	..	..	..	..	9 (b) 2
..	..	..	..	..	..	..	..	..	..	..	..	9 (c)
..	1	1	..	..	..	..	..	..	..	..	..	9 (d)
..	9	9	..	..	..	..	..	..	..	..	..	9 (e)
..	3	3	..	..	..	..	..	..	..	..	..	9 (f)
..	694	694	..	..	..	..	..	..	..	..	..	9 (g)
..	..	..	..	..	..	..	..	..	..	..	..	10 (a)
..	44	44	..	..	..	..	..	..	..	..	..	10 (b)
..	1	1	..	..	..	..	..	..	..	..	..	10 (c)
..	1	1	..	..	..	..	..	..	..	..	..	10 (d)
1	6	7	..	..	..	..	..	..	..	..	..	11 (a)
..	59	59	..	..	..	..	..	..	..	..	..	11 (b)
..	6	6	..	..	..	..	..	..	..	..	..	12 (a)
..	1	1	..	..	..	..	..	..	..	..	..	12 (b)
..	1,093	1,093	..	..	..	..	..	..	..	..	..	12 (c)
..	7	7	..	..	..	2	..	..	..	2	..	12 (d)
..	6	6	..	..	..	..	..	1	..	1	..	12 (e)
..	22	22	..	..	..	..	..	..	..	..	..	12 (f)
..	59	59	..	..	..	..	..	..	..	..	..	12 (g)
5	3,469	3,474	..	..	5	40	..	1	5	41	Total.	



DIX D (iii)—contd.

stock, permanent-way, etc., during the year 1930-31 on all railways open for traffic, distinguishing between the servants and other persons, killed or injured in each class of accident.

R A I L W A Y S—contd.

MADRAS AND SOUTHERN MARRATTA.

Accidents reported to Local Governments under section 83 of the Indian Railways Act No. IX of 1890. 165	Other accidents. 166	Total. (Cols. 165 & 166). 167	Passengers.		Railway servants.		Other persons.		Total.		Serial No. of Class of Accidents (See column No. 163). 178
			Killed. 168	Injured. 169	Killed. 170	Injured. 171	Killed. 172	Injured. 173	Killed. (Cols. 168, 170 & 172). 174	Injured. (Cols. 169, 171 & 173). 175	
..	..	..	..	..	..	..	..	..	..	..	1
3	..	3	..	1	..	..	..	..	..	1	2
..	..	..	..	..	..	..	..	..	..	..	3
1	9	10	..	..	..	..	2	2	2	2	4
..	..	..	..	..	..	..	..	..	..	..	5
..	1	1	..	..	..	..	..	..	..	..	6
5	..	5	..	..	..	..	..	..	..	..	7 (a)
7	..	7	..	..	..	..	..	..	..	..	7 (b)
..	9	9	..	..	..	..	..	..	..	..	8 (a)
1	5	6	..	..	..	1	..	..	..	1	8 (b)
..	..	..	..	..	..	..	..	..	..	..	8 (c)
..	3	3	..	..	..	..	..	..	..	..	9 (a) 1
..	30	30	..	..	..	..	..	..	..	..	9 (a) 2
..	..	..	..	..	..	..	..	..	..	..	9 (b)
..	41	41	..	..	..	..	..	..	..	..	9 (b) 1
..	163	163	..	..	..	..	..	..	..	..	9 (b) 2
..	..	..	..	..	..	..	..	..	..	..	9 (c)
..	..	..	..	..	..	..	..	..	..	..	9 (d)
1	5	6	..	..	..	..	..	..	..	..	9 (e)
..	3	3	..	..	..	1	..	..	..	1	9 (f)
1	64	65	..	..	..	..	..	..	..	..	9 (g)
..	37	37	..	..	..	..	..	..	..	..	10 (a)
..	..	..	..	..	..	..	..	..	..	..	10 (b)
..	..	..	..	..	..	..	..	..	..	..	10 (c)
7	2	9	..	..	..	..	..	..	..	..	10 (d)
..	..	..	..	..	..	..	..	..	..	..	11 (a)
..	10	10	..	..	..	..	..	..	..	..	11 (b)
..	1	1	..	..	..	..	..	..	..	..	12 (a)
..	10	10	..	..	..	..	..	..	..	..	12 (b)
1	820	821	..	..	..	..	1	..	1	..	12 (c)
..	1	1	..	..	..	..	..	..	..	..	12 (d)
4	1	5	..	..	..	..	..	2	..	2	12 (e)
35	..	35	..	..	..	1	..	..	..	1	12 (f)
..	12	12	..	..	..	..	..	..	..	..	12 (g)
66	1,227	1,293	..	1	..	2	2	5	2	9	Total.



DIX D (iii)—*contd.*

*stock, permanent-way, etc., during the year 1930-31 on all railways open for traffic, distinguishing between the servants and other persons, killed or injured in each class of accident.*

RAILWAYS—*contd.*

NORTH WESTERN.

Accidents reported to Local Governments under section 83 of the Indian Railways Act No. IX of 1890.	Other accidents.	Total. (Cols. 189 and 190).	Passengers.		Railway servants.		Other persons.		Total.		Serial No. of class of accidents. (See column No. 177).
			Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed. (Cols. 192, 193, 194 & 195).	Injured. (Cols. 193, 194 & 197).	
..	1	1	..	..	..	..	..	..	..	..	1
1	1	2	..	..	..	..	..	2	..	2	2
..	1	1	..	..	..	..	..	..	..	..	3
..	8	8	..	..	..	..	..	..	..	..	4
..	11	11	..	..	..	..	..	..	..	..	5
..	1	1	..	..	..	..	..	..	..	..	6
7	1	8	..	..	..	..	..	..	..	..	7(a)
28	6	34	..	..	..	..	..	..	..	..	7(b)
1	989	990	..	..	..	4	..	..	..	4	8(a)
2	449	451	..	..	1	5	1	..	2	5	8(b)
..	..	..	..	..	..	..	..	..	..	..	9(a)
..	10	10	..	..	..	..	..	..	..	..	9(a)1
..	94	94	..	..	..	..	..	..	..	..	9(a)2
..	..	..	..	..	..	..	..	..	..	..	9(b)
..	55	55	..	..	..	..	..	..	..	..	9(b)1
..	129	129	..	..	..	..	..	..	..	..	9(b)2
..	7	7	..	..	..	..	..	..	..	..	9(c)
..	..	..	..	..	..	..	..	..	..	..	9(d)
..	19	19	..	..	..	..	..	..	..	..	9(e)
..	..	..	..	..	..	..	..	..	..	..	9(f)
..	485	485	..	..	..	..	..	..	..	..	9(g)
..	65	65	..	..	..	..	..	..	..	..	10(a)
..	3	3	..	..	..	..	..	..	..	..	10(b)
9	59	68	..	..	..	..	..	..	..	..	10(c)
2	40	42	..	..	..	..	..	..	..	..	10(d)
..	3	3	..	..	..	..	..	..	..	..	11(a)
..	4	4	..	..	..	..	..	..	..	..	11(b)
..	9	9	..	..	..	..	..	..	..	..	12(a)
..	721	721	..	..	..	..	..	..	..	..	12(b)
..	28	28	..	..	..	..	..	..	..	..	12(c)
6	3	9	..	..	..	..	4	13	4	13	12(d)
..	5	7	..	..	..	..	..	..	..	..	12(e)
2	20	20	..	..	..	..	..	..	..	..	12(f)
59	3,227	3,285	..	..	1	9	5	15	6	24	Total.





DIX D (iii)—*contd.*

stock, permanent-way, etc., during the year 1930-31 on all railways open for traffic, distinguishing between the servants and other persons killed or injured in each class of accident.

RAILWAYS—*contd.*

SOUTH INDIAN.											
Accidents reported to Local Governments under section 83 of the Indian Railways Act No. IX of 1890. 213	Other accidents. 214	Total (Cols. 213 and 214). 215	Passengers.		Railway servants.		Other persons.		Total.		Serial No. of class of accidents. (See column No. 201.) 214
			Killed. 216	Injured. 217	Killed. 218	Injured. 219	Killed. 220	Injured. 221	Killed. (Cols. 216, 218 & 220.) 222	Injured. (Cols. 217, 219 and 221.) 223	
..	..	..	..	..	..	..	..	..	..	..	1
1	..	1	..	..	..	..	..	..	..	..	2
..	..	..	..	..	..	..	..	..	..	..	3
..	1	1	..	..	..	1	..	..	..	1	4
..	..	..	..	..	..	..	..	..	..	..	5
..	..	..	..	..	..	..	..	..	..	..	6
3	..	3	..	..	..	..	..	..	..	..	7 (a)
5	..	5	..	1	1	..	1	..	2	1	7 (b)
4	1	1	..	..	..	..	..	..	..	..	8 (a)
2	4	6	..	..	..	1	..	..	..	1	8 (b)
..	..	..	..	..	..	..	..	..	..	..	9 (a)
..	52	52	..	..	..	..	..	..	..	..	9 (a) 1
..	154	154	..	..	..	..	..	..	..	..	9 (a) 2
..	23	23	..	..	..	..	..	..	..	..	9 (b)
..	86	86	..	..	..	..	..	..	..	..	9 (b) 1
..	..	..	..	..	..	..	..	..	..	..	9 (b) 2
..	..	..	..	..	..	..	..	..	..	..	9 (c)
..	..	..	..	..	..	..	..	..	..	..	9 (d)
7	..	7	..	..	..	..	..	..	..	..	9 (e)
..	..	..	..	..	..	..	..	..	..	..	9 (f)
193	..	193	..	..	..	..	..	..	..	..	9 (g)
8	..	8	..	..	..	..	..	..	..	..	10 (a)
..	..	..	..	..	..	..	..	..	..	..	10 (b)
65	..	65	..	..	..	..	..	..	..	..	10 (c)
1	2	3	..	..	..	..	..	..	..	..	10 (d)
..	..	..	..	..	..	..	..	..	..	..	11 (a)
..	..	..	..	..	..	..	..	..	..	..	11 (b)
16	..	16	..	..	..	..	..	..	..	..	12 (a)
..	2,142	2,142	..	..	..	..	..	..	..	..	12 (b)
21	..	21	..	..	..	..	..	..	..	..	12 (c)
19	..	19	..	1	..	..	1	2	1	3	12 (d)
..	..	..	..	..	..	..	..	..	..	..	12 (e)
..	..	..	..	..	..	..	..	..	..	..	12 (f)
341	2,465	2,606	..	2	1	2	2	2	3	6	Total.

Number of accidents due to, collisions between and derailments of trains, fires, failures of engines, rolling different classes of accidents and the number of passengers,

Class of accident.	TOTAL CLASS I								
	Acci- dents re- ported to Local Govern- ments under section 83 of the Indian Railways Act No IX of 1890. 226	Other acci- dents. 227	Total (Cols. 226 & 227.) 228	Passengers.		Railway servants.		Other persons.	
				Killed. 229	Injured. 230	Killed. 231	Injured. 232	Killed. 233	Injured. 234
1. Collisions between passenger trains or parts of passenger trains.	2	3	5	..	..	..	..	3	..
2. Collisions between passenger trains and goods or mineral trains, engines, and vehicles standing foul of the line.	12	25	37	..	1	..	2	..	2
3. Collisions between passenger trains and buffer stops or vehicles standing against buffer stops, due to trains running into stations and sidings at too high a speed.	3	9	12	..	11	..	2	..	1
4. Collisions between goods and mineral trains and parts of goods or mineral trains, engines and vehicles standing foul of the line.	6	143	149	..	2	12	36	3	4
5. Collisions between goods trains and buffer stops or vehicles standing against buffer stops, due to trains running into stations and sidings at too high a speed.	..	64	64	..	..	..	..	..	..
6. Collisions between light engines	..	50	50	..	..	1	11	..	..
7. Derailments of passenger trains—									
(a) Due to trains running in the wrong direction through points.	22	12	34	..	1	1	1	..	..
(b) Other causes	96	111	207	3	16	7	17	2	1
8. Other derailments—									
(a) Due to trains running in the wrong direction through points.	2	1,069	1,061	..	..	2	5	..	..
(b) Other causes	12	2,838	2,850	..	..	2	29	1	..
9. Failure of engines and rolling stock—									
(a) Failures of engines due to faulty design, material or workmanship in the Mechanical Department—									
(1) boilers and tubes	..	111	111	..	..	..	..	..	..
(2) machinery, springs, etc.	..	510	510	..	..	..	..	..	..
(b) Failures of engines due to faulty material, workmanship or operation arising from the working of the running staff—									
(1) boilers and tubes	..	246	246	..	..	..	..	..	..
(2) other causes	..	2,125	2,125	..	..	..	..	..	..
(c) The failure of tyres	1	14	15	..	..	..	..	..	..
(d) Ditto wheels	..	6	6	..	..	..	..	..	..
(e) Ditto axles	9	62	71	..	..	..	..	..	..
(f) Ditto brake apparatus	..	19	19	..	..	..	..	..	..
(g) Ditto couplings and draft gear	195	2,824	3,019	..	..	..	1	..	1
10. Failure of permanent way—									
(a) Broken rails	8	396	404	..	..	..	..	..	..
(b) The failure of tunnels, bridges, viaducts or vias, etc.	2	6	8	..	..	..	..	..	..
(c) The flooding of portions of permanent-way.	119	101	220	..	..	..	..	..	..
(d) Slips in cuttings or embankments	7	70	77	..	..	..	..	..	..
11. Fires—									
(a) Fire in trains	2	118	120	..	..	..	..	..	3
(b) Fire at stations, or involving injury to bridges or viaducts.	..	144	44	..	..	..	..	..	..
12. Other accidents—									
(a) Passenger trains running in the wrong direction through points but not derailed.	16	70	86	..	2	..	..	..	..
(b) Trains running over cattle on the line	7	8,246	8,253	..	..	..	1	1	2
(c) Trains running over obstructions on the line (other than those at level crossings).	54	103	156	..	..	..	2	..	..
(d) Trains running over obstructions or vehicles at level-crossings.	45	45	90	..	1	..	..	23	36
(e) Train-wrecking or attempted train wrecking.	79	51	130	7	75	..	..	..	..
(f) Miscellaneous	11	552	563	..	7	..	10	3	7
<b>Total</b>	<b>710</b>	<b>20,032</b>	<b>20,742</b>	<b>10</b>	<b>116</b>	<b>25</b>	<b>117</b>	<b>36</b>	<b>57</b>

DIX D (iii)—contd.

stock, permanent-way, etc., during the year 1930-31 on all railways open for traffic, distinguishing between the railway servants and other persons, killed or injured in each class of accident.

RAILWAYS—contd.		CLASS II RAILWAYS.												
		BARSI LIGHT.			BENGAL DOOARS.			BHAVNAGAR STATE.			BIKANER STATE.			Serial No. of class of accidents. (See column No. 226.)
Total.		Accidents reported to Local Governments under section 83 of the Indian Railways Act No. IX of 1890. 237	Other accidents. 238	Total. (Cols. 237 and 238.) 239	Accidents reported to Local Governments under section 83 of the Indian Railways Act No. IX of 1890. 240	Other accidents. 241	Total. (Cols. 240 and 241.) 242	Accidents reported to Local Governments under section 83 of the Indian Railways Act No. IX of 1890. 243	Other accidents. 244	Total. (Cols. 243 and 244.) 245	Accidents reported to Local Governments under section 83 of the Indian Railways Act No. IX of 1890. 246	Other accidents. 247	Total. (Cols. 246 and 247.) 248	
Killed. (Cols. 229, 231 and 233.) 235	Injured. (Cols. 230, 232 and 234.) 236													
3	..	..	..	..	..	..	..	..	..	..	..	..	..	1
..	5	..	..	..	..	..	..	..	..	..	..	..	..	2
..	14	..	..	..	..	..	..	..	..	..	..	..	..	3
15	42	..	..	..	..	..	..	..	..	..	..	2	2	4
..	..	..	..	..	..	..	..	..	..	..	..	..	..	5
1	11	..	..	..	..	..	..	1	..	1	..	..	..	6
1	2	..	..	..	..	..	..	..	..	..	..	..	..	7 (a)
12	34	..	4	4	..	..	..	3	..	3	5	..	5	7 (b)
2	5	..	..	..	..	..	..	..	..	..	..	..	..	8 (a)
3	29	..	27	27	..	..	..	..	..	..	..	23	23	8 (b)
..	..	..	..	..	..	..	..	..	6	6	..	..	..	9 (a)
..	..	..	..	..	..	..	..	..	6	6	..	..	..	9 (a) 1
..	..	..	..	..	..	..	..	..	..	..	..	..	..	9 (a) 2
..	..	..	..	..	..	..	..	..	..	..	..	..	..	9 (b)
..	..	..	5	5	..	..	..	..	1	1	..	10	10	9 (b) 1
..	..	..	24	24	..	2	2	..	5	5	..	7	7	9 (b) 2
..	..	..	..	..	..	..	..	..	..	..	..	..	..	9 (c)
..	..	..	1	1	..	..	..	..	..	..	..	..	..	9 (d)
..	..	..	6	6	..	..	..	..	..	..	2	..	2	9 (e)
..	..	..	..	..	..	..	..	..	..	..	..	..	..	9 (f)
..	2	..	1	1	..	2	2	..	..	..	1	4	5	9 (g)
..	..	..	2	2	..	..	..	..	2	2	..	2	2	10 (a)
..	..	..	..	..	..	..	..	..	..	..	..	..	..	10 (b)
..	..	..	..	..	..	..	..	..	..	..	2	..	2	10 (c)
..	..	..	..	..	..	..	..	..	..	..	..	..	..	10 (d)
..	3	..	..	..	..	..	..	..	..	..	1	1	2	11 (a)
..	..	..	..	..	..	..	..	..	..	..	..	2	2	11 (b)
..	2	..	4	4	..	..	..	..	..	..	..	..	..	12 (a)
1	3	..	68	68	..	2	2	..	58	58	..	173	173	12 (b)
..	2	..	1	1	..	..	..	..	2	2	2	1	3	12 (c)
23	37	..	..	..	..	2	2	1	..	1	..	1	1	12 (d)
7	75	..	7	7	..	..	..	2	1	3	..	..	..	12 (e)
3	24	..	9	9	..	..	..	..	1	1	1	6	7	12 (f)
71	290	..	159	159	..	8	8	7	82	89	14	233	247	Total.

Number of accidents due to, collisions between and derailments of trains, fires, failures of engines, rolling-  
different classes of accidents and the number of passengers,

Class of accident.	DARJEELING-HIMALAYAN.			DIBRU-SADIYA.			GAEKWAR'S BARODA STATE.			GON.	
	Acci- dents re- ported to Local Govern- ments under section 83 of the Indian Railways Act No. IX of 1890. 251	Other acci- dents. 252	Total (Cols. 251 and 252.) 253	Acci- dents re- ported to Local Govern- ments under section 83 of the Indian Railways Act No. IX of 1890. 254	Other acci- dents. 255	Total (Cols. 254 and 255.) 256	Acci- dents re- ported to Local Govern- ments under section 83 of the Indian Railways Act No. IX of 1890. 257	Other acci- dents. 258	Total (Cols. 257 and 258.) 259	Acci- dents re- ported to Local Govern- ments under section 83 of the Indian Railways Act No. IX of 1890. 260	Other acci- dents. 261
1. Collisions between passenger trains or parts of passenger trains.	1	..	1	..	..	..	..	..	..	..	..
2. Collisions between passenger trains and goods or mineral trains, engines, and vehicles standing foul of the line.	2	..	2	..	..	..	1	1	1	1	..
3. Collisions between passenger trains and buffer stops or vehicles standing against buffer stops, due to trains running into stations and sidings at too high a speed.	..	..	..	..	..	..	..	..	..	..	..
4. Collisions between goods and mineral trains and parts of goods or mineral trains, engines and vehicles standing foul of the line.	..	..	..	..	..	..	..	..	..	..	..
5. Collisions between goods trains and buffer stops or vehicles standing against buffer stops, due to trains running into stations and sidings at too high a speed.	..	..	..	..	..	..	..	..	..	..	..
6. Collisions between light engines	..	..	..	..	..	..	..	..	..	..	..
7. Derailments of passenger trains—	..	..	..	..	..	..	..	..	..	..	..
(a) Due to trains running in the wrong direction through points.	..	..	..	..	..	..	..	..	..	..	..
(b) Other causes	58	..	58	..	..	..	2	2	4	..	..
8. Other derailments—	..	..	..	..	..	..	..	..	..	..	..
(a) Due to trains running in the wrong direction through points.	..	..	..	..	..	..	..	..	..	..	..
(b) Other causes	2	34	36	..	2	2	2	28	30	18	..
9. Failure of engines and rolling-stock—	..	..	..	..	..	..	..	..	..	..	..
(a) Failures of engines due to faulty design, material or workmanship in the Mechanical department—	..	..	..	..	..	..	..	..	..	..	..
(1) boilers and tubes	..	6	6	..	..	..	..	..	..	3	..
(2) machinery, springs, etc.	..	8	8	..	..	..	..	..	..	1	..
(b) Failures of engines due to faulty material, workmanship or operation arising from the working of the running staff—	..	..	..	..	..	..	..	..	..	..	..
(1) boilers and tubes	..	4	4	..	10	10	..	8	8	..	..
(2) other causes	..	5	5	..	..	..	..	..	..	..	..
(c) The failure of tyres	..	..	..	..	..	..	..	..	..	..	..
(d) Ditto wheels	..	1	1	..	..	..	..	..	..	..	..
(e) Ditto axles	..	4	4	..	..	..	..	..	..	..	..
(f) Ditto brake apparatus	3	..	3	..	..	..	..	..	..	..	..
(g) Ditto couplings and draft gear.	..	..	..	..	2	2	..	..	..	..	..
10. Failure of permanent way—	..	..	..	..	..	..	..	..	..	..	..
(a) Broken rails	1	..	1	..	..	..	..	..	..	3	..
(b) The failure of tunnels, bridges, viaducts, culverts, etc.	..	..	..	..	..	..	..	..	..	..	..
(c) The flooding of portions of permanent-way.	..	2	2	..	..	..	11	11	..	..	..
(d) Slips in cuttings or embankments	..	9	9	..	..	..	1	1	..	..	..
11. Fires—	..	..	..	..	..	..	..	..	..	..	..
(a) Fire in trains	..	..	..	..	..	..	..	1	1	..	..
(b) Fire at stations, or involving injury to bridges or viaducts.	..	..	..	..	..	..	..	..	..	..	..
12. Other accidents—	..	..	..	..	..	..	..	..	..	..	..
(a) Passenger trains running in the wrong direction through points but not derailed.	..	..	..	..	..	..	..	..	..	..	..
(b) Trains running over cattle on the line.	..	10	10	..	30	30	..	27	27	17	..
(c) Trains running over obstructions on the line (other than those at level crossings).	..	7	7	..	..	..	..	21	21	1	..
(d) Trains running over obstructions or vehicles at level crossings.	..	5	5	..	..	..	..	..	..	..	..
(e) Train-wrecking or attempted train-wrecking.	..	..	..	..	..	..	..	..	..	2	..
(f) Miscellaneous	..	..	..	..	..	..	..	7	7	..	..
Total	67	95	162	..	44	44	17	94	111	46	..

## DLX D (iii)—contd.

stock, permanent-way, etc., during the year 1930-31 on all railways open for traffic, distinguishing between the railway servants and other persons, killed or injured in each class of accident.

## RAILWAYS—contd.

DAL.	HOWRAH AMTA LIGHT.			JAMNAGAR AND DWARKA.			JUNAGAD STATE.			MORVI.			Serial No. of class of accidents (See column No. 254.)
	Total. (Cols. 260 and 261.)	Accidents reported to Local Governments under section 83 of the Indian Railways Act No. IX of 1890. 263	Other accidents. 264	Total. (Cols. 263 and 264.)	Accidents reported to Local Governments under section 83 of the Indian Railways Act No. IX of 1890. 266	Other accidents. 267	Total. (Cols. 266 and 267.)	Accidents reported to Local Governments under section 83 of the Indian Railways Act No. IX of 1890. 269	Other accidents. 270	Total. (Cols. 269 and 270.)	Accidents reported to Local Governments under section 83 of the Indian Railways Act No. IX of 1890. 272	Other accidents. 273	
262	263	264	265	266	267	268	269	270	271	272	273	274	275
..	..	..	..	..	..	..	..	..	..	..	..	..	1
1	9	..	9	..	..	..	..	..	..	..	..	..	2
..	..	..	..	..	..	..	..	..	..	..	..	..	3
..	5	..	5	..	..	..	..	..	..	..	..	..	4
..	..	..	..	..	..	..	..	..	..	..	..	..	5
..	..	..	..	..	..	..	..	..	..	..	..	..	6
..	..	..	..	..	..	..	..	..	..	..	..	..	7(a)
..	19	..	19	..	..	..	..	..	..	..	..	..	7(b)
..	..	..	..	..	1	1	..	..	..	..	..	..	8(a)
18	9	..	9	..	0	9	..	17	17	..	..	..	8(b)
..	..	..	..	..	..	..	..	..	..	..	..	..	9(a)
3	..	..	..	..	6	6	..	..	..	..	2	2	9(a) (1)
1	..	6	6	..	..	..	..	..	..	..	9	9	9(a) (2)
..	..	..	..	..	..	..	..	..	..	..	..	..	9(b)
..	..	..	..	..	2	2	..	..	..	..	..	..	9(b) (1)
..	..	..	..	..	2	2	..	9	9	..	6	6	9(b) (2)
..	..	..	..	..	..	..	..	..	..	..	..	..	9(c)
..	..	..	..	..	..	..	..	..	..	..	..	..	9(d)
..	..	..	..	..	..	..	..	..	..	..	..	..	9(e)
..	..	..	..	..	..	..	..	..	..	..	1	1	9(f)
..	5	..	5	..	..	..	..	1	1	..	1	1	9(g)
3	..	..	..	..	..	..	..	..	..	..	..	..	10(a)
..	..	..	..	..	..	..	..	..	..	..	..	..	10(b)
..	..	..	..	..	..	..	..	..	..	..	..	..	10(c)
..	..	..	..	..	..	..	..	..	..	..	..	..	10(d)
..	1	..	1	..	..	..	..	1	1	..	..	..	11(a)
..	1	..	1	..	..	..	..	..	..	..	..	..	11(b)
..	2	..	2	..	..	..	..	..	..	..	..	..	12(a)
17	..	2	2	..	23	33	..	7	7	..	4	4	12(b)
1	..	2	2	..	1	1	..	1	1	..	1	1	12(c)
..	1	..	1	..	..	..	..	..	..	..	1	1	12(d)
2	1	..	1	..	..	..	..	..	..	..	2	2	12(e)
..	8	..	8	..	..	..	..	2	2	..	3	3	12(f)
46	61	10	71	..	54	54	..	39	38	..	28	28	Total.

Number of accidents due to collisions between and derailments of trains, fires, failures of engines, rolling—  
different classes of accidents and the number of passengers, on

Class of accident.	CLASS II RAILWAYS.						TOTAL CLASS II						
	MYSORE RAILWAYS.			SHARDARA (DELHI). SARANSAPUR LIGHT.			Acci- dents re- ported to Local Govern- ments under section 83 of the Indian Railways Act No. IX of 1890.	Other acci- dents.	Total. (Cols. 283 and 284.)	Passengers.			Railway servants.
	Acci- dents re- ported to Local Govern- ments under section 83 of the Indian Railways Act No. IX of 1890.	Other acci- dents.	Total. (Cols. 277 and 278.)	Acci- dents re- ported to Local Govern- ments under section 83 of the Indian Railways Act No. IX of 1890.	Other acci- dents.	Total. (Cols. 280 and 281.)				Killed.	In- jured.	Killed.	
	276	278	279	280	281	282	283	284	285	286	287	288	
1. Collisions between passenger trains or parts of passenger trains.	..	..	..	..	1	1	1	1	2	2	21	..	
2. Collisions between passenger trains and goods or mineral trains, engines, and vehicles standing foul of the line.	..	..	..	..	..	..	13	..	13	..	1	..	
3. Collisions between passenger trains and buffer stops or vehicles standing against buffer stops, due to trains running into stations and sidings at too high a speed.	..	..	..	..	..	..	..	..	..	..	..	..	
4. Collisions between goods and mineral trains and parts of goods or mineral trains, engines and vehicles standing foul of the line.	..	..	..	..	..	..	5	2	7	..	..	..	
5. Collisions between goods trains and buffer stops or vehicles standing against buffer stops, due to trains running into stations and sidings at too high a speed.	..	..	..	..	..	..	..	..	..	..	..	..	
6. Collisions between light engines . . .	..	..	..	..	..	..	1	..	1	..	..	..	
7. Derailments of passenger trains—	..	..	..	..	..	..	..	..	..	..	..	..	
(a) Due to trains running in the wrong direction through points.	..	..	..	..	..	..	..	..	..	..	..	..	
(b) Other causes . . . . .	1	..	1	..	1	1	88	7	95	..	..	..	
8. Other derailments—	..	..	..	..	..	..	..	..	..	..	..	..	
(a) Due to trains running in the wrong direction through points.	..	..	..	..	3	3	..	4	4	..	..	..	
(b) Other causes . . . . .	..	1	1	..	..	..	31	141	172	..	..	..	
9. Failure of engines and rolling-stock—	..	..	..	..	..	..	..	..	..	..	..	..	
(a) failures of engines due to faulty design, material or workmanship in the Mechanical department—	..	..	..	..	..	..	..	..	..	..	..	..	
(1) boilers and tubes . . . . .	..	..	..	..	..	..	3	20	23	..	..	..	
(2) machinery, springs, etc. . . . .	..	..	..	..	..	..	1	29	30	..	..	..	
(b) failures of engines due to faulty material, workmanship or operation arising from the working of the running staff	..	..	..	..	..	..	..	..	..	..	..	..	
(1) boilers and tubes . . . . .	..	..	..	..	..	..	..	22	22	..	..	..	
(2) other causes . . . . .	..	..	..	..	..	..	..	76	76	..	..	..	
(c) The failure of tyres . . . . .	..	1	1	..	..	..	..	1	1	..	..	..	
(d) Ditto wheels . . . . .	..	..	..	..	..	..	..	2	2	..	..	..	
(e) Ditto axles . . . . .	..	..	..	..	..	..	..	10	12	..	..	..	
(f) Ditto brake apparatus . . . . .	..	..	..	..	..	..	3	1	4	..	..	..	
(g) Ditto couplings and draft gear.	4	12	16	..	..	..	10	23	33	..	..	..	
10. Failure of permanent way —	..	..	..	..	..	..	..	..	..	..	..	..	
(a) Broken rails . . . . .	..	..	..	..	..	..	4	7	11	..	..	..	
(b) The failure of tunnels, bridges, viaducts, culverts, etc.	..	..	..	..	..	..	..	..	..	..	..	..	
(c) The flooding of portions of permanent-way.	3	..	3	..	..	..	16	2	18	..	..	..	
(d) Slips in cuttings or embankments	..	..	..	..	..	..	1	9	10	..	..	..	
11. Fires—	..	..	..	..	..	..	..	..	..	..	..	..	
(a) Fire in trains . . . . .	..	..	..	..	..	..	2	3	5	..	..	..	
(b) Fire at stations, or involving injury to bridges or viaducts.	..	..	..	..	..	..	1	2	3	..	..	..	
12. Other accidents—	..	..	..	..	..	..	..	..	..	..	..	..	
(a) Passenger trains running in the wrong direction through points but not derailed.	..	..	..	..	..	..	2	4	6	..	..	..	
(b) Trains running over cattle on the line.	..	84	84	..	3	3	17	501	518	..	..	..	
(c) Trains running over obstructions on the line (other than those at level crossings).	..	1	1	..	1	1	3	39	42	..	..	..	
(d) Trains running over obstructions or vehicles at level crossings.	..	..	..	..	..	..	2	9	11	..	..	..	
(e) Train-wrecking or attempted train-wrecking . . . . .	..	..	..	..	..	..	5	10	15	..	..	..	
(f) Miscellaneous . . . . .	2	..	2	..	6	6	11	34	45	..	1	..	
Total . . . . .	10	99	109	..	15	15	222	959	1,181	2	23	..	

DIX D (iii)—contd.

stock, permanent-way, etc., during the year 1930-31 on all railways open for traffic, distinguishing between the railway servants and other persons, killed or injured in each class of accident.

RAILWAYS.					TOTAL CLASS III RAILWAYS.										Serial No. of class of accidents (see col. No. 305.)	
Railway servants. Injured.	Other persons.		Total.		Accidents reported to Local Governments under section 83 of the Indian Railways Act No. IX of 1890.	Other accidents.	Total. (Cols. 294 and 295).	Passengers.		Railway servants.		Other persons.		Total.		
	Killed.	Injured.	Killed. (Cols. 286, 288 and 290).	Injured. (Cols. 287, 289 and 291).				Killed.	Injured.	Killed.	Injured.	Killed.	Injured.	Killed. (Cols. 297, 299 and 301).		Injured. (Cols. 298, 300 and 302).
289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305
1	..	..	2	22	..	..	..	..	..	..	..	..	..	..	..	1
2	..	..	..	3	10	1	11	..	1	..	1	..	1	..	3	2
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3
1	..	..	..	1	1	1	2	..	..	..	..	..	..	..	..	4
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5
..	..	..	..	..	1	1	2	..	..	..	..	..	..	..	..	6
..	..	..	..	..	1	1	2	..	..	..	..	..	..	..	..	7(a)
1	..	..	..	1	26	5	31	..	..	..	..	..	..	..	..	7(b)
..	..	..	..	..	..	50	60	..	..	..	..	..	..	..	..	8(a)
3	..	..	..	3	10	19	29	..	..	..	..	..	..	..	..	8(b)
..	..	..	..	..	..	13	13	..	..	..	..	..	..	..	..	9(a)
..	..	..	..	..	5	20	25	..	..	..	..	..	..	..	..	9(a) (1)
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	9(a) (2)
..	..	..	..	..	..	2	2	..	..	..	..	..	..	..	..	9(b)
..	..	..	..	..	..	12	12	..	..	..	..	..	..	..	..	9(b) (1)
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	9(b) (2)
..	..	..	..	..	..	3	3	..	..	..	..	..	..	..	..	9(c)
..	..	..	..	..	1	6	7	..	..	..	3	..	..	..	..	9(d)
2	..	..	..	2	..	..	7	..	..	..	..	..	..	..	3	9(e)
..	..	..	..	..	3	40	43	..	..	..	..	..	..	..	..	9(f)
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	9(g)
..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	10(a)
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	10(b)
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	10(c)
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	10(d)
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	11(a)
..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	11(b)
..	..	..	..	..	3	1	4	..	..	..	..	..	..	..	..	12(a)
..	33	35	33	35	3	87	90	..	..	..	..	..	..	..	..	12(b)
..	..	..	..	..	4	20	24	..	..	..	..	..	..	..	..	12(c)
..	1	2	1	2	1	2	3	..	..	..	..	..	..	..	..	12(d)
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	12(e)
1	1	1	1	3	4	4	8	..	..	..	..	..	..	..	..	12(f)
11	35	38	37	72	78	300	378	..	1	..	4	..	1	..	6	Total.



Number of accidents due to, collisions between and derailments of trains, fires, failures of engines, rolling stock, distinguishing between the different classes of accidents and the number of passengers, railways

## TOTAL ALL RAILWAYS.

Class of accident.	Accidents reported to Local Governments under section 83 of the Indian Railways Act No. IX of 1890.		Other accidents.		Total.		Passengers.			
					(Cols. 307 and 309.)	(Cols. 308 and 310.)	Killed.		Injured.	
	1930-31. 307	1929-30 308	1930-31. 309	1929-30. 310	1930-31. 311	1929-30. 312	1930-31. 313	1929-30. 314	1930-31. 315	1929-30. 316
1. Collisions between passenger trains or parts of passenger trains.	3	1	4	7	7	8	2	..	21	..
2. Collisions between passenger trains and goods or mineral trains, engines, and vehicles standing foul of the line.	35	41	26	29	61	70	..	3	3	25
3. Collisions between passenger trains and buffer stops or vehicles standing against buffer stops, due to trains running into stations and sidings at too high a speed.	3	3	9	7	12	10	..	..	11	6
4. Collisions between goods and mineral trains and parts of goods or mineral trains, engines and vehicles standing foul of the line.	12	12	146	201	158	213	..	..	2	..
5. Collisions between goods trains and buffer stops or vehicles standing against buffer stops, due to trains running into stations and sidings at too high a speed.	..	1	64	86	64	87	..	..	..	..
6. Collisions between light engines . . . . .	2	6	51	66	53	71	..	..	..	..
7. Derailments of passenger trains—										
(a) Due to trains running in the wrong direction through points.	23	39	13	20	36	59	..	..	1	..
(b) Other causes . . . . .	210	235	123	217	333	452	3	1	16	23
8. Other derailments—										
(a) Due to trains running in the wrong direction through points.	2	11	1,123	1,067	1,125	1,078	..	..	..	..
(b) Other causes . . . . .	53	53	2,998	2,964	3,051	3,017	..	..	..	..
9. Failure of engines and rolling stock—										
(a) failure of engines due to faulty design, material or workmanship in the Mechanical Department—										
(1) boilers and tubes . . . . .	3	7	144	139	147	146	..	..	..	..
(2) machinery, springs, etc.	6	..	559	637	565	637	..	..	..	..
(b) failures of engines due to faulty material, workmanship or operation arising from the working of the running staff—										
(1) boilers and tubes . . . . .	..	1	270	569	270	570	..	..	..	..
(2) other causes . . . . .	..	..	2,213	2,535	2,213	2,635	..	..	..	..
(c) The failure of tyres . . . . .	1	2	15	9	16	11	..	..	..	..
(d) Ditto wheels . . . . .	..	..	11	3	11	3	..	..	..	..
(e) Ditto axles . . . . .	12	17	78	77	90	94	..	..	..	..
(f) Ditto brake apparatus . . . . .	3	..	20	19	23	19	..	..	..	..
(g) Ditto couplings and draft gear . . . . .	213	196	2,887	2,395	3,100	3,091	..	..	..	1
10. Failure of Permanent way—										
(a) Broken rails . . . . .	12	9	403	327	415	336	..	..	..	..
(b) The failure of tunnels, bridges, viaducts, culverts, etc.	2	1	7	3	9	4	..	..	..	..
(c) The flooding of portions of permanent-way.	135	69	103	112	238	171	..	..	..	..
(d) Slips in cuttings or embankments . . . . .	8	4	79	104	87	108	..	..	..	..
11. Fires—										
(a) Fire in trains . . . . .	4	9	121	158	125	167	..	..	..	5
(b) Fire at stations, or involving injury to bridges or viaducts.	1	7	47	92	48	99	..	..	..	..
12. Other accidents—										
(a) Passenger trains running in the wrong direction through points but not derailed.	21	30	75	80	96	110	..	..	2	..
(b) Trains running over cattle on the line . . . . .	27	20	8,834	9,265	8,861	9,235	..	2	..	1
(c) Trains running over obstructions on the line (other than those at level crossings).	61	39	161	128	222	217	..	..	..	1
(d) Trains running over obstructions or vehicles at level crossings.	48	42	56	33	104	125	..	..	1	..
(e) Train-wrecking or attempted train-wrecking.	84	23	61	35	145	38	7	..	75	1
(f) Miscellaneous . . . . .	26	22	590	653	616	675	..	..	3	6
Total . . . . .	1,010	940	21,291	22,556	22,301	23,526	12	6	140	69

DIX D (iii)—concl.

stock, permanent-way, etc., during the years 1929-30 and 1930-31 on all railways open for traffic, servants and other persons, killed or injured in each class of accident.

TOTAL ALL RAILWAYS													Serial No. of Class of Accidents (see column No. 319)
Railway servants.				Other persons.				Grand Total.					
Killed.		Injured.		Killed.		Injured.		Killed.		Injured.			
1930-31. 317	1929-30. 318	1930-31. 319	1929-30. 320	1930-31. 321	1929-30. 322	1930-31. 323	1929-30. 324	(Cols. 313, 317 and 321.) 1930-31. 325	(Cols. 314, 318 and 322.) 1929-30. 326	(Cols. 315, 319 and 323.) 1930-31. 327	(Cols. 316, 320 and 324.) 1929-30. 328	329	
..	..	1	4	3	..	..	..	5	..	23	4	1	
..	4	5	11	..	5	3	31	..	18	11	67	2	
..	..	2	..	..	..	1	..	..	..	14	6	3	
12	6	37	42	3	1	4	3	15	7	43	45	4	
..	..	..	4	..	..	..	..	..	..	..	4	5	
1	2	11	24	..	..	..	..	1	2	11	24	6	
1	1	1	5	..	..	..	..	1	2	2	5	7 (a)	
7	2	18	6	2	..	1	..	12	3	35	29	7 (b)	
2	1	5	2	..	1	..	..	3	2	5	2	8 (a)	
2	3	32	30	1	..	..	..	3	3	32	30	8 (b)	
..	..	..	..	..	..	..	..	..	..	..	..	9 (a)	
..	..	..	..	..	..	..	..	..	..	..	..	9 (a)(1)	
..	..	..	..	..	..	..	..	..	..	..	..	9 (a)(2)	
..	2	..	..	..	..	..	..	..	2	..	..	9 (b)(1)	
..	..	..	2	..	..	..	..	..	..	..	2	9 (b)(2)	
..	..	..	..	..	..	..	..	..	..	..	..	9 (c)	
..	..	..	..	..	..	..	..	..	..	..	..	9 (d)	
..	..	3	1	..	..	..	..	..	..	3	1	9 (e)	
..	..	2	..	..	..	..	..	..	..	2	..	9 (f)	
..	..	1	3	..	..	1	1	..	..	2	4	9 (g)	
..	..	..	..	..	..	..	..	..	..	..	..	10 (a)	
..	..	..	..	..	..	..	..	..	..	..	..	10 (b)	
..	6	..	1	..	..	..	..	..	6	..	1	10 (c)	
..	..	..	..	..	..	..	1	..	..	..	1	10 (d)	
..	2	..	6	..	..	3	1	..	2	3	12	11 (a)	
..	2	..	3	..	1	..	..	..	3	..	3	11 (b)	
..	..	..	..	..	..	..	..	..	..	2	..	12 (a)	
..	..	1	3	34	25	37	45	31	27	34	49	12 (b)	
..	1	2	3	..	..	..	2	..	1	2	6	12 (c)	
..	..	..	2	24	34	35	47	24	34	39	40	12 (d)	
..	..	..	..	..	..	..	..	7	..	75	1	12 (e)	
..	1	11	22	4	..	8	40	4	1	27	64	12 (f)	
25	33	132	174	71	67	96	171	108	108	264	414	Total	

Number of persons killed or injured during the year 1930-31 on all railways open for traffic, distinguishing movement of vehicles used exclusively

Class of accident.	CLASS I RAILWAYS.								CLASS II RAILWAYS.							
	PASSENGERS.		RAILWAY SERVANTS.		OTHER PERSONS.		TOTAL.		PASSENGERS.		RAILWAY SERVANTS.		OTHER PERSONS.		TOTAL.	
	Killed.	In-jured.	Killed.	In-jured.	Killed.	In-jured.	Killed. (Cols. 331, 333 and 336.)	In-jured. (Cols. 332, 334 and 336.)	Killed.	In-jured.	Killed.	In-jured.	Killed.	In-jured.	Killed. (Cols. 339, 341 and 343.)	In-jured. (Cols. 340, 342 and 344.)
1. Ascending or descending steps at stations.	..	..	..	3	..	1	..	4	..	..	..	1	..	..	..	1
2. Being struck by barrows, falling over packages, etc., on platform.	..	..	..	26	..	1	..	37	..	..	..	..	..	..	..	..
3. Falling off platforms	..	3	..	6	..	1	..	10	..	..	..	..	..	..	..	..
4. Loading, unloading or shunting wagons.	..	..	5	610	1	11	6	621	..	..	..	1	..	..	..	1
5. Moving or carrying goods at stations, etc.	..	..	1	223	1	1	2	224	..	..	..	..	..	..	..	..
6. Working at cranes or capstans	..	..	2	32	..	..	2	32	..	..	..	..	..	..	..	..
7. Falling of wagon doors, lamps, bales of goods, etc.	..	..	..	203	..	4	..	207	..	..	..	..	..	..	..	..
8. Falling off, or getting on or off, stationary engines or vehicles.	..	..	2	113	..	1	2	114	..	..	..	2	..	..	..	2
9. Falling off platforms, ladders, scaffolds, etc.	..	..	8	159	4	9	12	168	..	..	..	..	..	..	..	..
10. Stumbling whilst walking on the line or platforms.	..	1	..	74	..	4	..	79	..	..	..	..	..	..	..	..
11. Attending to stationary engines in sheds.	..	..	1	1,215	..	..	1	1,215	..	..	..	2	..	..	..	2
12. Being trampled on or kicked by horses.	..	..	..	9	..	..	..	9	..	..	..	1	..	..	..	1
13. Working on the line or sidings.	..	..	5	497	3	4	8	501	..	..	..	..	..	..	..	..
14. Miscellaneous	..	7	20	1,462	15	24	35	1,493	..	4	..	1	..	..	..	5
Total	..	11	44	4,642	24	61	68	4,714	..	4	..	8	..	..	..	12

DIX D (iv).

between the number of passengers, railway servants and other persons killed or injured by accidents in which upon railways was not concerned.

CLASS III RAILWAYS.								TOTAL ALL RAILWAYS.								Class of accident.
PASSENGERS.		RAILWAY SERVANTS.		OTHER PERSONS.		TOTAL.		PASSENGERS.		RAILWAY SERVANTS.		OTHER PERSONS.		TOTAL.		
Killed.	In-jured.	Killed.	In-jured.	Killed.	In-jured.	Killed.	In-jured.	Killed.	In-jured.	Killed.	In-jured.	Killed.	In-jured.	Killed.	In-jured.	
347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363
..	..	..	..	..	..	..	..	..	..	..	4	..	1	..	5	1. Ascending or descending steps at stations.
..	..	..	..	..	..	..	..	..	..	..	36	..	1	..	37	2. Being struck by barrows, by falling over packages, etc., on platform.
..	..	..	..	..	..	..	..	..	3	..	6	..	1	..	10	3. Falling off platform.
..	..	..	..	..	..	..	..	..	..	5	611	1	11	6	622	4. Loading, unloading or shunting waggons.
..	..	..	..	..	..	..	..	..	..	1	223	1	1	2	224	5. Moving or carrying goods at stations, etc.
..	..	..	..	..	..	..	..	..	..	2	32	..	..	2	32	6. Working at cranes or capstans.
..	..	..	..	..	..	..	..	..	..	..	203	..	4	..	207	7. Falling of wagon doors, lamps, bales of goods, etc.
..	..	..	..	..	..	..	..	..	..	2	115	..	1	2	116	8. Falling off, or getting on or off, stationary engines or vehicles.
..	..	..	1	..	..	..	1	..	..	8	160	4	9	12	169	9. Falling off platforms, ladders, scaffolds, etc.
..	..	..	1	..	..	..	1	..	1	..	75	..	4	..	80	10. Stumbling whilst walking on the line or platforms.
..	..	..	1	..	..	..	1	..	..	1	1,218	..	..	1	1,218	11. Attending to stationary engines in sheds.
..	..	..	..	..	..	..	..	..	..	..	10	..	..	..	10	12. Being trampled on or kicked by horses.
..	..	..	3	..	..	..	3	..	..	5	500	3	4	8	504	13. Working on the line or in sidings.
..	1	..	3	..	..	..	4	..	12	20	1,466	15	24	35	1,502	14. Miscellaneous.
..	1	..	9	..	..	..	10	..	16	44	4,659	24	61	68	4,726	Total.

Accidents to railway servants on Class I Railways, classified in respect of primary causes, during the year 1930-31  
 [The figures in this statement represent the number of railway servants

Railway system.	Misadventure or accidental				Want of caution or misconduct on the part of the injured person.				Want of caution or breach of rules, etc., on the part of servants other than the persons injured.			
	Killed. 365	Percent- age of total. 366	Injured. 367	Percent- age of total. 368	Killed. 369	Percent- age of total. 370	Injured. 371	Percent- age of total. 372	Killed. 373	Percent- age of total. 374	Injured. 375	Percent- age of total. 376
364												
Assam-Bengal . . . . .	2	40.0	14	87.5	2	40.0	2	12.5	1	20.0	..	..
Bengal and North-Western . . . . .	1	25.0	5	19.0	3	75.0	22	81.0	..	..	..	..
Bengal-Nagpur . . . . .	6	27.3	6	16.2	13	59.1	23	62.2	3	13.6	8	21.6
Bombay, Baroda and Central India . . . . .	7	63.6	184	82.9	4	36.4	30	13.5	..	..	8	3.60
Burma . . . . .	10	71.4	45	88.2	4	28.6	6	11.8	..	..	..	..
Eastern Bengal . . . . .	2	10.0	18	35.3	18	90.0	27	52.9	..	..	5	9.80
East Indian . . . . .	56	77.8	79	87.8	16	22.2	11	12.2	..	..	..	..
Great Indian Peninsula . . . . .	40	77.0	707	96.0	12	23.0	25	3.00	..	..	5	1.00
Jodhpur . . . . .	1	100.0	1	100.0	..	..	..	..	..	..	..	..
Madras and Southern Mahratta . . . . .	0	69.2	97	80.7	4	30.8	10	9.30	..	..	..	..
Mizam's State . . . . .	4	66.7	19	61.3	2	33.3	12	38.7	..	..	..	..
North Western . . . . .	46	93.0	313	99.1	..	..	..	..	3	6.12	3	0.95
Rohilkund and Kumaon . . . . .	..	..	..	..	2	100.0	6	100.0	..	..	..	..
South Indian . . . . .	3	100.0	62	82.7	..	..	12	16.0	..	..	1	1.30
Total . . . . .	187	68.2	1,550	87.7	80	29.2	186	10.5	7	2.56	30	1.70

## DIX D (v).

caused by the movements of trains and railway vehicles exclusive of accidents included in appendix D (iii), killed and injured included in appendix D (ii)].

Defective systems of working, dangerous places, dangerous conditions of work or want of rules or systems of working.				Defective apparatus, appliances, etc., or want of sufficient appliances, safeguards, etc.				TOTAL.		Railway system.
Killed. 377	Percent- age of total. 378	Injured. 379	Percent- age of total. 380	Killed. 381	Percent- age of total. 382	Injured. 383	Percent- age of total. 384	Killed. (Cols. 365, 369, 373, 377 and 381.) 385	Injured. (Cols. 367, 371, 375, 379 and 383.) 386	
..	..	..	..	..	..	..	..	5	16	Anam-Bengal.
..	..	..	..	..	..	..	..	4	27	Bengal and North-Western.
..	..	..	..	..	..	..	..	23	37	Bengal-Nagpur.
..	..	..	..	..	..	..	..	11	222	Bombay, Baroda and Central India.
..	..	..	..	..	..	..	..	14	51	Burma.
..	..	1	1.06	..	..	..	..	20	51	Eastern Bengal.
..	..	..	..	..	..	..	..	72	90	East Indian.
..	..	..	..	..	..	..	..	52	737	Great Indian Peninsula.
..	..	..	..	..	..	..	..	1	2	Jodhpur.
..	..	..	..	..	..	..	..	13	107	Madras and Southern Mah- ratta.
..	..	..	..	..	..	..	..	6	31	Nizam's State.
..	..	..	..	..	..	..	..	40	316	North Western.
..	..	..	..	..	..	..	..	2	6	Rohilkund and Kumaon.
..	..	..	..	..	..	..	..	3	75	South Indian.
..	..	1	0.06	..	..	..	..	274	1,797	Total.

## Number of accidents occurred during the year 1930-31 in Railway Workshops

Number of accidents and number of persons killed or injured.	Particulars.	Class I							
		Assam Bengal.	Bengal and North-Western.	Bengal Nagpur.	Bombay, Baroda and Central India.	Burma.	Eastern Bengal.	East Indian.	Great Indian Peninsula.
288	389	390	391	392	393	394	395	396	397
(a) Total number of accidents..	..	6	32	66	2,767	134	557	290	2,551
<i>(b) Affecting Railway Servants.</i>									
1. Railway workshops	Killed ..	..	..	1	1	..	..	4	1
	Injured ..	..	20	40	2,749	60	551	259	2,550
2. New works not opened for traffic.	Killed ..	..	..	..	..	..	..	1	..
	Injured ..	..	..	..	3	..	..	6	..
3. Lines under construction	Killed ..	1	..	2	..	..	..	2	..
	Injured ..	3	..	11	4	..	..	14	..
4. Lines not used for the public carriage of passengers, animals and goods.	Killed ..	..	..	1	1	..	..	..	..
	Injured ..	..	..	..	5	..	..	..	..
5. Steamers or flats working in connection with the railway.	Killed ..	..	1	..	..	..	..	..	..
	Injured ..	1	2	1	..	..	..	..	..
Total (b)	Killed ..	1	1	4	2	..	..	7	1
	Injured ..	4	22	52	2,761	60	551	279	2,550
<i>(c) Affecting Other persons.</i>									
1. Railway workshops	Killed ..	..	..	..	..	..	..	..	..
	Injured ..	..	..	1	..	..	..	1	..
2. New works, not opened for traffic.	Killed ..	..	..	..	..	..	..	..	..
	Injured ..	..	..	..	..	..	..	..	..
3. Lines under construction	Killed ..	..	..	4	..	..	..	1	..
	Injured ..	..	..	19	..	1	..	3	..
4. Lines not used for the public carriage of passengers, animals and goods.	Killed ..	..	..	..	1	..	..	..	..
	Injured ..	..	..	..	3	..	..	..	..
5. Steamers or flats working in connection with the railway.	Killed ..	..	4	..	..	..	..	..	..
	Injured ..	..	2	..	..	..	..	..	..
Total (c)	Killed ..	..	4	4	1	..	..	1	..
	Injured ..	..	2	20	3	1	..	4	..
(d) Grand total = (b + c)	Killed ..	1	5	8	3	..	..	8	1
	Injured ..	4	24	72	2,764	61	551	283	2,550

DIX D (vi).

and certain other places and the number of Railway servants and other persons killed or injured.

Railways.										No. of accidents and No. of persons killed and injured.
Jodhpur.	Madras and Southern Mahratta.	Nizam's State.	North Western.	Robil-kund and Kumaon.	South Indian.	Total class I Railways.	Total class II Railways.	Total class III Railways.	Total all Railways (columns 404, 405 and 406).	
398	399	400	401	402	403	404	405	406	407	408
	1,114	440	1,241	31	502	9,731	183	1	9,915	(a) Total number of accidents.
										(b) Affecting Railway Servants.
	1	..	..	..	..	6	1	1	10	Killed } 1
	1,081	440	1,180	31	496	9,457	184	..	9,641	Injured } 1
	1	..	..	..	..	2	..	..	2	Killed } 2
	31	..	..	..	..	40	..	..	40	Injured } 2
	..	..	5	..	..	10	..	..	10	Killed } 3
	..	..	38	..	..	70	..	..	70	Injured } 3
	..	..	..	..	..	2	..	..	2	Killed } 4
	..	..	..	..	..	5	..	..	5	Injured } 4
	..	..	..	..	..	1	..	..	1	Killed } 5
	..	..	1	..	..	5	..	..	5	Injured } 5
	2	..	5	..	..	23	1	1	25	Killed } Total (b).
	1,112	440	1,219	31	496	9,577	184	..	9,761	Injured } Total (b).
										(c) Affecting Other persons.
	..	..	..	..	..	..	..	..	..	Killed } 1
	..	..	..	..	..	2	..	..	2	Injured } 1
	..	..	..	..	..	..	..	..	..	Killed } 2
	..	..	..	..	..	..	..	..	..	Injured } 2
	..	..	4	..	12	21	..	..	21	Killed } 3
	..	..	13	..	15	51	..	..	51	Injured } 3
	..	..	..	..	..	1	..	..	1	Killed } 4
	..	..	..	..	..	3	..	..	3	Injured } 4
	..	..	..	..	..	4	..	..	4	Killed } 5
	..	..	..	..	..	2	..	..	2	Injured } 5
	..	..	4	..	12	26	..	..	26	Killed } Total (c).
	..	..	13	..	15	55	..	..	55	Injured } Total (c).
	2	..	9	..	12	49	1	1	51	Killed } (d) Grand Total.
	1,112	440	1,232	31	511	9,625	184	..	9,819	Injured } (d) Grand Total.



## Rolling-stock fitted with automatic brakes, passenger vehicles lighted by gas or electricity and lower class

Railway system.	Gauge.	Locomotives.		Coaching vehicles (including brake vans used exclusively on passenger service).			Goods vehicles (including brake-vans used indiscriminately on passenger, mixed or goods service, but excluding cranes and their dummy trucks).		
		Total No. on the line.	Percentage of number fitted with automatic brakes to the total No. on the line.	Total number.	Percentage of number braked on total.	Percentage of number piped on total.	Total number.	Percentage of number braked on total.	Percentage of number piped on total.
1	2	3	4	5	6	7	8	9	10
<b>CLASS I RAILWAYS.</b>									
Asam Bengal	3' 3 1/2"	200	97.5	761	95.3	2.89	5,776	85.4	3.72
Bengal and North-Western	3' 3 1/2"	381	58.3	1,532	65.8	13.8	11,881	Nil	0.90
Bengal Nagpur	5' 6"	738	98.4	1,134	98.4	1.50	22,927	68.5	30.5
	2' 6"	114	93.9	423	90.5	Nil	2,023	88.7	0.10
	2' 0"	17	Nil	1	Nil	Nil	520	Nil	Nil
Bombay, Baroda and Central India.	5' 6"	386	100.0	973	100.0	Nil	10,898	86.5	11.1
	3' 3 1/2"	497	99.8	1,651	99.0	0.06	10,401	20.9	9.87
	2' 6"	24	Nil	66	Nil	Nil	307	Nil	Nil
Burma	3' 3 1/2"	427	90.2	1,479	78.1	4.33	10,908	33.7	0.39
Eastern Bengal	5' 6"	328	100.0	1,004	99.4	0.55	8,375	48.9	49.8
	3' 3 1/2"	223	100.0	1,155	86.7	13.3	5,890	24.2	2.44
	2' 0"	9	Nil	63	Nil	Nil	66	Nil	Nil
East Indian	5' 6"	1,645	99.6	3,657	98.2	1.56	51,388	76.6	20.7
Great Indian Peninsula	5' 6"	1,000	99.6	2,569	100.0	Nil	19,279	87.5	10.3
	2' 6"	19	Nil	Nil	Nil	Nil	213	Nil	Nil
Jodhpur	3' 3 1/2"	108	61.1	316	75.9	3.48	2,602	0.35	0.04
Madras and Southern Mahratta	5' 6"	310	99.0	953	99.6	0.40	6,288	75.9	22.7
	3' 3 1/2"	358	63.4	1,052	85.0	4.84	8,853	8.47	38.0
Nizam's State	5' 6"	84	100.0	189	98.9	1.06	2,319	55.5	42.2
	3' 3 1/2"	89	83.1	199	100.0	Nil	1,512	33.9	1.26
North-Western	5' 6"	1,267	97.6	3,955	99.3	0.66	30,369	88.3	16.6
	2' 6"	105	Nil	394	88.8	Nil	972	79.7	1.75
Rohilkund and Kumaon	3' 3 1/2"	78	67.9	234	50.4	28.6	2,712	0.66	0.21
South Indian	5' 6"	151	99.3	385	98.4	1.56	2,030	78.6	18.9
	3' 3 1/2"	424	99.8	1,451	91.5	5.58	7,084	4.11	4.15
	2' 0"	11	54.5	35	Nil	Nil	78	Nil	Nil
<b>Total</b>		<b>8,993</b>	<b>92.6</b>	<b>25,721</b>	<b>92.7</b>	<b>3.04</b>	<b>224,761</b>	<b>59.7</b>	<b>16.9</b>
<b>CLASS II RAILWAYS.</b>									
Barai Light	2' 6"	37	84.0	120	100.0	Nil	286	43.7	56.3
Bengal Doars	3' 3 1/2"	19	47.4	71	19.7	32.4	450	0.22	Nil
Bhavnagar State	3' 3 1/2"	31	77.4	161	68.3	29.2	658	0.15	1.82
Bikaner State	3' 3 1/2"	55	41.8	173	24.9	20.2	1,286	6.32	Nil
Darjeeling Himalayan	2' 0"	35	2.00	132	100.0	Nil	552	100.0	Nil
Dibru Sadiya	3' 3 1/2"	31	88.8	73	85.0	14.9	3,605	22.1	55.2
Gachwar's Baroda State	2' 6"	41	Nil	163	Nil	Nil	883	Nil	Nil
Gondal	3' 3 1/2"	21	100.0	115	69.6	27.8	420	Nil	1.43
Howrah-Amra	2' 0"	19	Nil	141	10.0	Nil	82	100.0	Nil
Jamnagar and Dwarka	3' 3 1/2"	22	54.6	75	65.3	93.3	625	94.4	7.50
Junagad State	3' 3 1/2"	21	61.9	91	65.9	23.1	320	15.0	22.2
Morvi	3' 3 1/2"	22	81.8	117	77.8	22.2	252	0.79	0.79
Mysore	3' 3 1/2"	35	88.5	186	84.9	10.2	512	57.8	2.34
	2' 6"	13	46.1	28	Nil	Nil	Nil	Nil	Nil
	2' 0"	6	Nil	7	Nil	Nil	Nil	Nil	Nil
Shaldara (Delhi)-Saharanpur	2' 6"	10	Nil	49	Nil	Nil	229	Nil	Nil
<b>Total</b>		<b>418</b>	<b>51.0</b>	<b>1,705</b>	<b>55.1</b>	<b>16.9</b>	<b>8,140</b>	<b>26.2</b>	<b>14.7</b>
<b>GRAND TOTAL (CLASS I &amp; II RLYS.)</b>		<b>9,411</b>	<b>90.8</b>	<b>27,426</b>	<b>90.8</b>	<b>3.90</b>	<b>232,901</b>	<b>58.6</b>	<b>16.8</b>

DIX E.

carriages provided with latrine accommodation on Class I and II Railways on the 31st March 1931.

Passenger vehicles fitted for lighting with gas or electricity.			Lower class carriages provided with latrine accommodation for passengers.				Percentage of vehicles provided with latrine accommodation on the total number in each.				Railway system
Total number suitable for lighting.	Percentage of number lighted with gas on total.	Percentage of number lighted with electricity on total.	Intermediate class.	Third class.	Composites containing Intermediate or Third Class accommodation.	Total.	Intermediate class.	Third class.	Composites containing Intermediate or Third Class accommodation.	Total.	
11	12	13	14	15	16	17	18	19	20	21	22
656	Nil	90.7	Nil	227	177	404	Nil	98.2	98.9	98.5	Class I Railways.
1,284	Nil	100.0	80	978	65	1,123	100.0	16.2	100.0	53.1	Assam Bengal.
903	15.4	84.6	73	450	147	670	100.0	10.9	89.8	91.6	Bengal and North Western.
391	2.05	89.0	11	222	82	316	100.0	81.2	83.7	84.7	Bengal Nagpur
Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	
724	6.63	93.4	Nil	327	198	525	Nil	92.7	82.8	77.9	Bombay, Baroda and Central India.
1,480	Nil	100.0	Nil	915	270	1,185	Nil	85.4	89.6	89.4	
66	Nil	28.8	Nil	41	22	63	Nil	66.9	100.0	77.8	
1,216	Nil	79.6	Nil	700	300	1,000	Nil	92.4	89.0	91.4	Burma.
822	0.12	99.6	16	259	329	604	87.5	74.5	63.2	68.7	
884	1.36	98.4	30	404	233	667	100.0	100.0	100.0	100.0	Eastern Bengal.
69	Nil	Nil	2	37	15	54	Nil	2.70	6.67	2.70	
2,994	16.0	78.8	150	1,365	758	2,273	100.0	94.3	94.6	94.3	East India.
1,649	7.09	92.9	3	828	450	1,281	100.0	86.6	76.2	83.0	
46	Nil	100.0	Nil	26	18	44	Nil	92.3	100.0	95.8	Great Indian Peninsula.
239	Nil	100.0	13	95	80	198	100.0	100.0	100.0	100.0	Jodhpur.
742	20.2	79.7	1	349	242	592	100.0	86.2	89.2	87.6	Madras and Southern
928	24.2	75.7	Nil	459	320	779	Nil	98.4	90.0	94.9	Mahratta.
445	53.1	46.9	Nil	59	17	76	Nil	100.0	88.2	97.4	
391	79.6	12.7	Nil	85	25	110	Nil	96.5	88.0	94.5	Nizam's State.
2,851	13.4	84.7	74	1,138	858	2,070	100.0	100.0	100.0	100.0	North Western.
324	9.58	75.7	19	192	59	270	100.0	100.0	100.0	100.0	
263	Nil	93.5	3	151	44	198	100.0	70.2	100.0	77.2	Rohilkund and Kurama.
308	Nil	91.9	Nil	140	94	234	Nil	100.0	100.0	100.0	
1,330	Nil	89.9	Nil	731	366	1,097	Nil	79.8	44.8	68.1	South Indian.
35	Nil	100.0	Nil	18	16	34	Nil	44.4	100.0	70.6	
20,527	8.84	86.8	475	10,197	5,195	15,967	99.2	86.8	86.0	86.2	Total.
											Class II Railways.
120	Nil	100.0	Nil	90	5	95	Nil	12.2	Nil	11.6	Barri Light.
58	Nil	100.0	3	36	9	45	100.0	85.6	100.0	66.7	Bengal Doon.
126	Nil	94.4	Nil	80	8	88	Nil	92.5	62.6	89.8	Bhavnagar State.
135	Nil	100.0	4	84	16	104	100.0	100.0	100.0	100.0	Bikaner State.
110	5.40	81.8	Nil	67	21	78	Nil	Nil	Nil	Nil	Darjeeling Himalayan.
63	Nil	94.3	Nil	33	12	45	Nil	100.0	100.0	100.0	Dibru Sadya.
157	Nil	85.3	Nil	113	27	140	Nil	59.2	100.0	67.1	Geokwar's Baroda State.
92	Nil	100.0	Nil	53	10	63	Nil	94.3	80.0	92.1	Gondal.
430	Nil	100.0	10	69	18	117	Nil	4.49	94.4	17.9	Howrah-Amra.
75	Nil	97.3	Nil	38	Nil	38	Nil	100.0	Nil	100.0	Jamnagar and Dwarka.
83	Nil	88.0	Nil	32	11	43	Nil	84.4	45.5	74.4	Junagad State.
94	Nil	100.0	Nil	58	9	67	Nil	100.0	100.0	100.0	Morvi.
160	13.1	80.6	Nil	108	16	119	Nil	100.0	100.0	100.0	
28	Nil	Nil	Nil	21	5	26	Nil	100.0	100.0	100.0	Mysore.
7	Nil	Nil	Nil	7	Nil	7	Nil	42.8	Nil	42.8	
49	Nil	100.0	3	42	2	47	100.0	26.2	100.0	24.0	Shabdara (Delhi)-Saharanpur.
1,477	1.63	91.1	20	936	169	1,125	50.0	64.6	77.5	66.2	Total.
22,004	8.37	87.9	495	11,133	5,364	16,992	97.2	84.6	85.7	85.6	GRAND TOTAL (Class I & II RLYS.).

## APPENDIX F.

Statement showing the cost of the Police Force employed on Railways during the year 1930-31.

Railway system.	Crimes and Order Contribution to Local Government.	WATCH AND WARD.		Total cost to the Railway.	TOTAL COST.	
		Watchmen.	Contingen- cies.		Per Route Mile.	Per Train Mile.
1	2	3	4	5	6	7
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
<b>CLASS I.</b>						
Assam-Bedgal	49,013	97,463	2,166	1,48,632	116-0	0-04
Bengal and North-Western	90,348	86,877	1,447	1,18,672	56-1	0-02
Bengal-Nagpur	1,08,640	3,99,553	27,820	5,36,013	162-6	0-04
Bombay, Baroda and Central India	2,08,679	7,25,460	37,683	9,71,822	247-6	0-05
Burma	Nil	78,794	6,845	85,639	41-6	0-01
Eastern Bengal	4,837	3,15,379	7,201	3,27,417	172-9	0-03
East Indian	Nil	9,02,466	1,04,090	10,06,556	235-5	0-03
Great Indian Peninsula	1,22,893	4,89,360	34,068	6,56,321	177-4	0-03
Jodhpur	Nil	21,747	3,107	24,854	25-5	0-01
Madras and Southern Mahratta	2,17,877	2,77,864	23,842	5,19,583	160-5	0-04
Nizam's State	1,63,722	†	41,949	2,05,671	166-1	0-05
North Western	Nil	9,87,927	14,652	10,02,579	114-2	0-04
Rohilkund and Kumaon	10,000	24,826	†	34,826	61-0	0-02
South Indian	1,08,275	1,55,632	5,768	3,67,675	145-3	0-03
<b>Total</b>	<b>11,12,084</b>	<b>45,73,348</b>	<b>3,10,628</b>	<b>59,96,060</b>	<b>157-7</b>	<b>0-04</b>
<b>CLASS II</b>						
Barsi Light	4,300	7,030	655	11,985	59-0	0-02
Bengal Dobari	61	8,955	483	9,499	60-8	0-03
Bhavnagar State	14,757	11,719	†	26,476	86-2	0-04
Bikaner State	Nil	8,407	234	8,641	10-9	0-01
Darjeeling Himalayan	1,521	Nil	Nil	1,521	10-3	Nil
Dihru Sadiya	Nil	5,638	Nil	5,638	65-5	0-02
Geekwar's Baroda State	Nil	8,487	123	8,610	24-1	0-01
Gondal	13,997	8,706	27	22,130	116-7	0-05
Howrah Amta	1,509	3,444	Nil	4,953	112-9	0-01
Jamnagar and Dwarka	2,514	4,226	113	6,857	43-6	0-02
Junagad State	6,555	2,012	Nil	8,572	57-8	0-03
Morvi	8,352	1,425	Nil	9,777	95-5	0-02
Mysore	Nil	6,820	Nil	6,820	15-4	0-01
Shahdara (Delhi)-Saharanpur Light	Nil	6,178	576	6,754	73-0	0-05
<b>Total</b>	<b>52,990</b>	<b>83,022</b>	<b>2,191</b>	<b>1,38,203</b>	<b>42-9</b>	<b>0-02</b>
<b>Class III Total</b>	<b>11,845</b>	<b>9,333</b>	<b>334</b>	<b>21,512</b>	<b>20-7</b>	<b>0-01</b>
<b>GRAND TOTAL</b>	<b>11,76,919</b>	<b>46,65,703</b>	<b>3,13,153</b>	<b>61,55,775</b>	<b>145-6</b>	<b>0-03</b>

\* Including the Bangalore-Chik Ballapur Light, Kolar District and Terikere-Narasimharajapura Light Railways.

† Included in column 2.

‡ Included in column 3.