

**GOVERNMENT OF INDIA
MINISTRY OF RAILWAYS**

**LOK SABHA
UNSTARRED QUESTION NO. 5641
TO BE ANSWERED ON 06.04.2022**

RAIL ACCIDENTS

†5641. SHRI PRADEEP KUMAR SINGH:

Will the Minister of RAILWAYS be pleased to state:

- (a) the number of railway accidents that occurred along with the loss of life and property caused during each of the last five years, incident-wise;**
- (b) the efforts being made by the Government to check the railway accidents;**
- (c) the result of the test of Kavach Technology conducted to check the collision of trains;**
- (d) the total length of railway sections in kilometers and the number of locomotives where Kavach Technology has been developed; and**
- (e) the details of the targets fixed for the next five years in this regard, zone-wise?**

ANSWER

**MINISTER OF RAILWAYS, COMMUNICATIONS AND
ELECTRONICS & INFORMATION TECHNOLOGY**

(SHRI ASHWINI VAISHNAW)

(a) to (e): A Statement is laid on the Table of the House.

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (e) OF UNSTARRED QUESTION NO. 5641 BY SHRI PRADEEP KUMAR SINGH TO BE ANSWERED IN LOK SABHA ON 06.04.2022 REGARDING RAIL ACCIDENTS

(a) The year-wise details of number of consequential train accidents along with the loss of life and property during the last five years i.e. 2016-17 to 2020-21 are given as under:-

Year	Number of consequential Train Accidents	Number of persons who lost their lives			Loss/damage to property (₹ in lakhs)
		Passengers	Others	Total	
2016-17	104	195	43	238	6143.45
2017-18	73	28	30	58	3355.93
2018-19	59	16	21	37	2855.88
2019-20	55	0	5	5	2698.70
2020-21	22	0	4	4	2845.83

The incident-wise details of the above cases, during the last five years, are appended.

(b) Safety is accorded the highest priority by Indian Railways and all possible steps are undertaken on a continuous basis to prevent accidents and to enhance safety. The steps taken to check accidents on Indian Railways include timely replacement of over-aged assets, adoption of modern technologies for upgradation and maintenance of track, rolling stock, signalling and interlocking systems, safety drives, greater emphasis on training of officials and inspections at regular intervals to monitor and educate staff for observance of safe practices. Safety devices/systems being

used to prevent accidents include complete track circuiting, provision of Block Proving Axle Counters (BPAC), Auxiliary Warning System (AWS), Colour Light LED Signals, Vigilance Control Device (VCD), usage of 60kg rails and Pre-stressed Concrete Sleepers, long rail better welding technology and accelerated induction of Linke Hofmann Busch (LHB) Coaches.

(c) Indian Railways has conducted trials of 'Kavach' on Lingamapalli – Vikarabad – Wadi, Vikarabad – Bidar (250 KM) section of South Central Railway, which were completed successfully.

(d) Kavach has been commissioned on 1098 Rkm and 70 locos in South Central Railway.

(e) Route wise targets for Kavach are as under –

- i. In South Central Railway, work is in progress in Bidar - Parli Vajinath – Parbhani & Manmad – Parbhani – Nanded – Secunderabad – Gadwal – Dhone– Guntakal at 352 Rkm with a target of the financial year 2022-23.**
- ii. Kavach is to be implemented on 3009 Rkm on Delhi – Mumbai and Delhi – Howrah corridors covering Northern, North Central, East Central, Eastern, West Central and Western Railway by the year 2024.**

APPENDIX REFERRED TO IN REPLY TO PART (a) OF UNSTARRED QUESTION NO. 5641 BY SHRI PRADEEP KUMAR SINGH TO BE ANSWERED IN LOK SABHA ON 06.04.2022 REGARDING RAIL ACCIDENTS

(a) The incident-wise details of consequential train accidents along with the loss of life and property, during each of the last five years are as under:-

Year	2016-17			
S. No.	Date of Accident	Railway	Number of persons who lost their lives	Loss/damage to property in ₹
1	02/04/2016	Northeast Frontier	2	12642
2	24/04/2016	North Eastern	1	0
3	25/04/2016	South East Central	0	3880000
4	29/04/2016	Northern	0	1650800
5	30/04/2016	South Western	2	0
6	01/05/2016	Northern	2	60000
7	01/05/2016	Northern	0	15052092
8	02/05/2016	Northern	2	20000
9	05/05/2016	Southern	0	14490046
10	06/05/2016	Eastern	0	54000
11	18/05/2016	East Central	1	1000
12	19/05/2016	East Coast	0	1003504
13	19/05/2016	Southern	0	6000
14	25/05/2016	North Western	1	2500
15	26/05/2016	Eastern	1	0
16	29/05/2016	East Coast	0	4212245
17	06/06/2016	Eastern	0	6200
18	11/06/2016	Eastern	1	0
19	18/06/2016	East Central	1	0
20	09/07/2016	Northern	0	130000
21	15/07/2016	Northern	0	1000
22	21/07/2016	East Central	0	500

23	25/07/2016	North Eastern	8	0
24	27/07/2016	South East Central	0	264961
25	31/07/2016	East Central	1	2000
26	01/08/2016	Northern	4	0
27	04/08/2016	Southern	0	48848
28	05/08/2016	East Coast	0	3413679
29	14/08/2016	East Coast	0	610
30	18/08/2016	Southern	0	20000
31	20/08/2016	East Coast	0	159690826
32	22/08/2016	Northeast Frontier	0	2737186
33	28/08/2016	Southern	0	2164000
34	30/08/2016	South East Central	0	1664000
35	06/09/2016	Konkan	0	3341000
36	09/09/2016	Northeast Frontier	0	44600
37	11/09/2016	South Eastern	1	0
38	11/09/2016	South Eastern	2	10400000
39	19/09/2016	Southern	0	6286905
40	20/09/2016	Northern	0	1850000
41	21/09/2016	Western	0	231168
42	27/09/2016	North Central	0	2310000
43	29/09/2016	East Coast	2	2542790
44	04/10/2016	Northern	0	22200000
45	10/10/2016	North Western	2	37000
46	10/10/2016	Northern	0	14612481
47	11/10/2016	South East Central	0	169395
48	21/10/2016	East Coast	0	7966240
49	25/10/2016	East Central	0	285000
50	01/11/2016	Northern	0	12547118
51	04/11/2016	West Central	0	101619341
52	04/11/2016	Eastern	0	6000
53	19/11/2016	North Western	0	3290707

54	20/11/2016	North Central	152	60000000
55	20/11/2016	South East Central	0	42040859
56	06/12/2016	East Central	3	3000
57	06/12/2016	Northeast Frontier	2	7362000
58	28/12/2016	North Central	1	0
59	29/12/2016	Central	0	1756000
60	06/01/2017	South Central	0	29593432
61	12/01/2017	Northern	0	9590000
62	20/01/2017	North Western	0	2773000
63	21/01/2017	East Coast	39	22663865
64	25/01/2017	North Central	0	400000
65	14/02/2017	East Central	0	5000
66	18/02/2017	Northeast Frontier	1	0
67	20/02/2017	North Central	0	5250000
68	08/03/2017	Northeast Frontier	1	0
69	16/03/2017	South Western	4	0
70	26/03/2017	Northern	1	30000
71	30/03/2017	North Central	0	32550000
	Total		238	614345540
Year	2017-18			
S. No.	Date of Accident	Railway	Number of persons who lost their lives	Loss/damage to property in ₹
1	15/04/2017	Northern	0	2050000
2	20/04/2017	Northern	0	430000
3	21/04/2017	South Central	0	240000
4	22/04/2017	North Eastern	5	0
5	01/05/2017	Central	0	4000000
6	03/05/2017	North Central	2	21500
7	03/05/2017	North Central	4	3000
8	09/05/2017	South Central	0	2556665
9	14/05/2017	Western	0	43500

10	15/05/2017	Southern	0	852249
11	16/05/2017	Southern	0	1609094
12	17/05/2017	South Western	0	290000
13	21/05/2017	Northern	0	225000
14	08/07/2017	East Central	2	0
15	18/07/2017	Central	0	8025000
16	24/07/2017	South Eastern	0	6683076
17	02/08/2017	East Central	0	9920000
18	19/08/2017	Northern	25	31645000
19	20/08/2017	Northern	1	50000
20	23/08/2017	North Central	0	117470000
21	25/08/2017	Western	0	661120
22	07/09/2017	Northern	0	30000
23	07/09/2017	Central	0	550000
24	17/09/2017	Northeast Frontier	0	2510000
25	18/09/2017	North Eastern	0	30600
26	19/09/2017	North Eastern	0	79880
27	27/09/2017	East Coast	0	67400000
28	01/10/2017	Central	0	2000
29	08/10/2017	Northern	1	5010000
30	13/10/2017	North Western	0	454000
31	17/10/2017	North Western	0	229110
32	22/10/2017	South Eastern	0	90379
33	25/10/2017	Northern	1	41000
34	29/10/2017	North Western	1	0
35	23/11/2017	Northern	4	50000
36	24/11/2017	North Central	4	0
37	24/11/2017	East Coast	0	22000000
38	28/11/2017	Northern	0	80000
39	03/12/2017	Western	0	35000
40	04/12/2017	North Western	0	880422
41	23/12/2017	South Central	0	5564707
42	31/12/2017	Western	5	0
43	03/01/2018	East Central	0	50000
44	08/01/2018	Northern	0	19000

45	12/01/2018	Northeast Frontier	1	300000
46	20/01/2018	South East Central	0	153200
47	20/01/2018	North Central	0	355000
48	30/01/2018	East Central	1	0
49	30/01/2018	East Coast	0	9961000
50	04/02/2018	East Coast	0	16576577
51	11/02/2018	Northern	0	3350
52	14/02/2018	South Eastern	0	10320000
53	19/02/2018	Eastern	0	4676650
54	03/03/2018	Northern	1	65000
55	17/03/2018	East Central	0	1500
56	26/03/2018	Central	0	1300000
	Total		58	335593579
Year	2018-19			
S. No.	Date of Accident	Railway	Number of persons who lost their lives	Loss/damage to property in ₹
1	06/04/2018	North Eastern	0	169486
2	11/04/2018	South Eastern	0	1360000
3	14/04/2018	East Central	1	10000
4	14/04/2018	West Central	0	5844000
5	25/04/2018	North Central	1	0
6	25/04/2018	Southern	0	196009
7	26/04/2018	North Eastern	13	0
8	06/05/2018	Central	1	6686000
9	12/05/2018	Northern	0	22500
10	18/05/2018	East Coast	0	713560
11	21/05/2018	North Central	0	1205000
12	23/05/2018	Northern	0	8000000
13	09/06/2018	Northern	0	15000
14	10/06/2018	Central	0	197000
15	10/06/2018	Southern	0	1644240
16	14/06/2018	Northern	0	43000
17	20/06/2018	East Central	0	9470000

18	26/06/2018	Northern	0	37500
19	29/06/2018	South Eastern	0	3250000
20	03/07/2018	North Western	0	266700
21	04/07/2018	North Western	0	185000
22	06/07/2018	Central	0	1205000
23	07/07/2018	Western	0	176000
24	15/07/2018	Northeast Frontier	2	110300
25	20/07/2018	South Western	0	27000
26	23/07/2018	Northern	0	1000000
27	24/07/2018	North Western	0	25000
28	03/08/2018	Southern	2	15000
29	15/08/2018	East Central	1	0
30	25/08/2018	Northeast Frontier	0	44991138
31	17/09/2018	Central	0	61600
32	24/09/2018	Northeast Frontier	0	22449295
33	01/10/2018	Northeast Frontier	0	164128
34	04/10/2018	East Coast	0	1015000
35	10/10/2018	Northern	7	73150048
36	18/10/2018	Western	1	2230956
37	25/10/2018	Southern	0	135000
38	04/11/2018	East Central	0	78000
39	13/11/2018	South Eastern	0	2102500
40	02/12/2018	Central	0	630000
41	11/12/2018	North Eastern	0	110000
42	27/12/2018	Northern	0	422816
43	03/02/2019	East Central	6	19205271
44	19/02/2019	East Central	0	13700000
45	23/02/2019	East Central	0	16238
46	26/02/2019	Southern	0	453948
47	03/03/2019	South Central	0	41931
48	05/03/2019	South Central	0	1970195
49	11/03/2019	Central	0	650000

50	20/03/2019	Northern	0	75000
51	22/03/2019	Northeast Frontier	2	60062500
	Total		37	285588859
Year	2019-20			
S. No.	Date of Accident	Railway	Number of persons who lost their lives	Loss/damage to property in ₹
1	06/04/2019	Eastern	0	2208000
2	10/04/2019	South Central	0	5364486
3	26/04/2019	North Central	0	1892000
4	28/04/2019	Konkan	0	310000
5	07/05/2019	West Central	0	255000
6	09/05/2019	North Central	0	20000000
7	16/05/2019	Northern	0	90000
8	08/06/2019	Eastern	1	0
9	12/06/2019	Central	0	16106000
10	25/06/2019	East Coast	3	50949778
11	28/06/2019	Central	0	125000
12	01/07/2019	Central	0	15604000
13	02/07/2019	East Central	0	3000
14	16/07/2019	Western	0	130279
15	18/07/2019	Central	0	115000
16	24/08/2019	Eastern	0	22695713
17	28/08/2019	North Central	0	313000
18	29/08/2019	Northern	0	18500000
19	06/09/2019	Northern	0	995064
20	20/09/2019	Eastern	0	9657744
21	21/09/2019	Eastern	0	6925866
22	01/10/2019	North Central	0	12000
23	02/10/2019	Western	0	135000
24	06/10/2019	Northern	0	10000
25	15/10/2019	West Central	0	100000
26	17/10/2019	Western	0	50000
27	01/11/2019	Northern	0	21000

28	10/11/2019	South Western	0	44000
29	11/11/2019	South Central	1	74697000
30	16/11/2019	South Central	0	2001791
31	03/12/2019	South Central	0	29634
32	08/12/2019	Northeast Frontier	0	16215943
33	15/12/2019	North Central	0	518000
34	18/12/2019	Northern	0	1649142
35	25/12/2019	North Western	0	1000
36	03/01/2020	East Central	0	5000
37	05/01/2020	East Central	0	51000
38	16/01/2020	East Coast	0	1364730
39	19/03/2020	South Central	0	713000
40	19/03/2020	Northern	0	12000
	Total		5	269870170
Year	2020-21			
S. No.	Date of Accident	Railway	Number of persons who lost their lives	Loss/damage to property in ₹
1	10/05/2020	Konkan	0	18317744
2	19/05/2020	Southern	0	329815
3	20/06/2020	West Central	1	200000
4	25/06/2020	South Central	0	8641204
5	30/07/2020	Western	2	0
6	30/08/2020	North Central	0	10800000
7	20/10/2020	East Central	0	14200
8	22/11/2020	Western	1	0
9	18/12/2020	Northeast Frontier	0	834943
10	22/12/2020	South Eastern	0	187335518
11	23/12/2020	Central	0	5351000
12	29/12/2020	East Coast	0	2280924
13	31/12/2020	South Western	0	239876
14	18/01/2021	Northern	0	1131731
15	19/02/2021	North Western	0	39937000
16	09/03/2021	Central	0	2100000

17	13/03/2021	Northern	0	7000000
18	20/03/2021	Northern	0	70000
	Total		4	284583955
