

GOVERNMENT OF INDIA
MINISTRY OF ROAD TRANSPORT AND HIGHWAYS
RAJYA SABHA
UNSTARRED QUESTION NO-1684
ANSWERED ON-15/03/2023

ACCIDENTS ON NATIONAL HIGHWAYS

1684. SHRI RAJEEV SHUKLA:

Will the Minister of ROAD TRANSPORT AND HIGHWAYS be pleased to state :-

- (a) total number of accidents on National Highways during the last three years and the current year;
- (b) total number of people who have lost their lives in the accidents on National Highways;
- (c) whether Government has conducted any study to identify the black spots on National Highways to prevent road accidents at those spots;
- (d) if so, the details thereof, including the total number of black spots identified, NH-wise and State-wise, including in the State of Chhattisgarh and action taken / proposed to rectify those spots; and
- (e) timeline for completion of the above works?

ANSWER

THE MINISTER OF ROAD TRANSPORT AND HIGHWAYS

(SHRI NITIN JAIRAM GADKARI)

(a) to (b) As per the data received from police department of all States/UTs, the total number of road accidents and fatalities occurred on National Highways (including expressways) in the country during the year 2019 to 2021 is given in the table below : -

Year	Total Number of Road Accidents	Total Number of Fatalities
2019	1,37,191	53,872
2020	1,16,496	47,984
2021	1,28,825	56,007

(c) to (e) To rectify the Black Spots, the following actions have been taken by the Ministry of Road Transport & Highways:-

- Ministry has defined Protocol for identification of Black spots on National Highways vide circular No. RW/NH-15017/109/2015-P&M (RSCE) dated 28.10.2015. As per the protocol, Road Accident Black Spot is a stretch of National Highway of about 500 m in length in which either 5 road accidents occurring (in all three years put together involving fatalities /grievous injuries) took place during the last 3 calendar years or 10 fatalities (in all three years put together) took place during the last 3 calendar years. Based on Road accidents data collected by police departments of State Governments and compiled by this Ministry, Black spots are identified for undertaking immediate short term measures for mitigation and long term measures for permanent rectification.
- Ministry vide letter dated 9th September 2021 has written to Chief Secretaries of all the States, Principal Secretaries/Secretaries/ All Engineers-In Chief and Chief Engineers of (Public Works Department) of all States, Director General (Border Roads), Chairman (NHAI), Managing Director (NHIDCL), All CE-ROs/SE-ROs and ELOs of the Ministry and all Project Directors of

Ministry to take advance action for removal of accident spots on National highways as per police reports without waiting for converting them into black spots after accidents/fatalities.

- Detailed guidelines for taking up road safety audits on National Highways have been issued. Road Safety Audits have been made part and parcel of all National Highways development projects on EPC/BOT modes. Ministry has issued a circular which makes it mandatory to carry out road safety audit for all new road projects having length of 5 km or more at the stage of Detail Project Report (DPR)/Engineering Design.
- The Ministry has issued guidelines, from time to time, to implement various road safety measures so as to minimize accidents on National Highways. Besides, Supreme Court committee on Road safety, during review meetings, also issues directions to States for implementation of Road safety measures including Engineering measures.
- All the executing agencies are directed to ensure safety provisions for highways during construction. Necessary action is to be taken to ensure provision of road signages, construction of diversion roads and other requisite provisions as per NH guidelines and IRC standards. IRC has already issued IRC: SP: 55-2014 regarding “Guidelines on Traffic Management in Work Zones”.
- Ministry has taken following steps to rectify the Black Spots through its implementing agencies i.e. NHAI, NHIDCL and NH wings of State PWDs:-
 - i. To carry out all stage (Design, construction, and operation) road safety audits for all National Highways;
 - ii. Provision of Rumble strips or bar markings at the approaches of junctions on NHs;
 - iii. Provision of Speed Limit signs at desired locations of NHs network;
 - iv. Provision of Speed breakers and associated signages on side roads;
 - v. Provision of amber beacons for traffic approaching a junction as per IRC.
 - vi. Installation of Crash barriers on High embankments and in hilly terrain;
 - vii. Encouraging engineers for certificate course in road safety audit for which MOUs are signed with IITs and other leading technical education/research institutions;
 - viii. Developed a Black Spot MIS portal where details of all black spot IDs, photographs, rectification status and post rectification feedback shall be collected and monitored.

State-wise number of road accident Black Spots for the period 2016-18 and 2017-19 are enclosed at Annexure I(a) and Annexure I(b) respectively. NH-wise number of road accident Black Spots for the period 2016-18 and 2017-19 are enclosed at Annexure II(a) and Annexure II(b) respectively. Status of rectification of Black Spots for the period 2016-18 is enclosed at Annexure III.

Road Safety on NHs is a continuous process and is taken up as integral part of new upgradation/widening projects. To further enhance road Safety on NHs, sanction ceiling of Rs.1200 crores for standalone Road Safety works during FY 2022-23 has been conveyed.

ANNEXURE REFERRED TO IN REPLY TO PART (c) to (e) OF RAJYA SABHA UNSTARRED QUESTION NO. 1684 ANSWERED ON 15TH MARCH, 2023 ASKED BY SHRI RAJEEV SHUKLA REGARDING ACCIDENTS ON NATIONAL HIGHWAYS.

State-wise number of black spots identified during the year 2016 - 2018.

Sl. No.	State/UTs	No. of Black spots
1.	Andhra Pradesh	466
2.	Arunachal Pradesh	5
3.	Assam	95
4.	Bihar	64
5.	Chandigarh	6
6.	Chhattisgarh	142
7.	Delhi	113
8.	Goa	29
9.	Gujarat	250
10.	Haryana	23
11.	Himachal Pradesh	116
12.	Jharkhand	58
13.	JK	64
14.	Karnataka	551
15.	Kerala	243
16.	Madhya Pradesh	303
17.	Maharashtra	25
18.	Manipur	5
19.	Meghalaya	1
20.	Mizoram	2
21.	Nagaland	17
22.	Odisha	169
23.	Punjab	296
24.	Rajasthan	349
	Sikkim	10
26.	Tamil Nadu	748
	Telangana	485
28.	Tripura	8
29.	Uttar Pradesh	405
30.	Uttarakhand	54
31.	West Bengal	701
	Grand Total	5803

Total number of black spots identified State/UT – wise during the year 2017 - 2019.

Sl. No	State/UTs	No. of Black Spots	Repeated from 2016-18 BS Data Series
1	Andhra Pradesh	487	159
2	Arunachal Pradesh	5	1
3	Bihar	70	62
4	Chandigarh	5	5
5	Chhattisgarh	87	57
6	Delhi	78	68
7	Goa	19	11
8	Haryana	27	13
9	Himachal Pradesh	79	40
10	J&K	54	31
11	Jharkhand	55	29
12	Karnataka	546	176
13	Kerala	321	198
14	Madhya Pradesh	342	105
15	Manipur	9	1
16	Nagaland	1	
17	Odisha	212	53
18	Puducherry	27	
19	Punjab	291	
20	Rajasthan	340	59
21	Sikkim	9	1
22	Tamil Nadu	553	195
23	Telangana	590	271
24	Tripura	11	8
25	Uttar Pradesh	390	53
26	Uttarakhand	53	21
27	West Bengal	510	285
	Grand Total	5171	1902

- Note:** (i) Andaman & Nicobar Island & Lakshdweep Data is Nil.
(ii) Maharashtra, Meghalaya & Mizoram Data is not as per definition.
(iii) Assam, Gujarat, D&N Haveli & Daman & Diu have not reported the data.

NH-wise number of black spots identified during the year 2016 – 2018

Sl. No	NH Number	No. of Black spots
1	1	44
2	2	208
3	3	110
4	4	79
5	5	76
6	6	104
7	7	93
8	8	148
9	9	16
10	10	21
11	11	19
12	12	27
13	13	23
14	14	1
15	15	22
16	16	277
17	17	15
18	18	3
19	19	12
20	20	5
21	21	29
22	22	7
23	24	34
24	25	30
25	26	47
26	27	41
27	28	48
28	29	20
29	30	83
30	31	71
31	32	10
32	33	11
33	34	175
34	35	30
35	36	4
36	37	41
37	38	3
38	39	4
39	40	16
40	41	34
41	42	7
42	43	26
43	44	239
44	45	58
45	46	54
46	47	100

Sl. No	NH Number	No. of Black spots
53	54	26
54	55	7
55	56	29
56	57	8
57	58	39
58	59	4
59	60	81
60	61	8
61	62	16
62	63	86
63	64	4
64	65	129
65	66	198
66	67	39
67	68	5
68	69	12
69	70	3
70	71	1
71	72	3
72	73	3
73	74	31
74	75	52
75	76	21
76	77	13
77	78	16
78	79	70
79	80	1
80	81	7
81	82	1
82	83	35
83	85	6
84	86	13
85	89	1
86	90	3
87	91	36
88	92	20
89	94	2
90	95	1
91	96	1
92	99	1
93	102	5
94	105	8
95	108	2
96	109	4
97	110	2
98	111	4

Sl. No	NH Number	No. of Black spots
105	123	4
106	125	6
107	128	7
108	129	2
109	130	19
110	131	1
111	133	5
112	135	1
113	136	2
114	138	2
115	139	4
116	143	14
117	146	9
118	149	3
119	151	6
120	152	27
121	153	1
122	154	28
123	161	4
124	162	5
125	163	55
126	165	10
127	166	2
128	167	11
129	169	2
130	173	6
131	175	5
132	181	12
133	183	10
134	198	1
135	202	1
136	205	37
137	206	44
138	207	20
139	209	23
140	210	8
141	212	7
142	213	16
143	216	16
144	218	12
145	226	9
146	227	4
147	228	4
148	231	2
149	232	2
150	233	1

47	48	115
48	49	50
49	50	11
50	51	4
51	52	51
52	53	68

99	112	6
100	114	8
101	116	1
102	117	60
103	119	6
104	121	2

151	234	12
152	235	5
153	247	1
154	275	35
155	303	3
156	316	20

Sl. No	NH Number	No. of Black spots
157	326	1
158	330	10
159	333	2
160	336	4
161	340	6
162	341	1
163	343	4
164	344	2
165	347	10
166	353	6
167	361	2
168	363	19
169	365	2
170	367	5
171	381	8
172	402	1
173	409	1
174	415	3
175	458	1
176	503	20
177	507	1
178	509	21
179	512	21
180	515	1
181	520	4
182	530	2
183	532	21
184	536	1
185	544	23
186	547	4
187	563	66
188	565	6
189	566	5
190	703	1
191	707	3
192	716	6
193	730	15
194	731	8
195	744	8

Sl. No	NH Number	No. of Black spots
204	116B	27
205	11A	2
206	11B	15
207	11C	2
208	130A	8
209	130B	1
210	130C	3
211	144A	1
212	148D	2
213	149B	4
214	150(A)	38
215	154A	1
216	161AA	1
217	162A	1
218	167C	1
219	169(A)	1
220	1A	17
221	1B	5
222	205/503	1
223	205A	10
224	218&SH-20	1
225	24B	11
226	266E	4
227	26A	1
228	28C	3
229	29A	1
230	2B	2
231	31(B)	4
232	31(C)	19
233	31A	4
234	31D	16
235	334B	2
236	344A	2
237	344-A	21
238	353C	18
239	365A	22
240	365BB	52
241	37/54	1
242	4&69	9

Sl. No	NH Number	No. of Black spots
251	503A	1
252	51(8E)	2
253	516-D	4
254	52A	2
255	544D	4
256	58-34	5
257	59A	5
258	69A	2
259	703A	1
260	709A	7
261	709B	23
262	75E	2
263	79A	1
264	86A	1
265	8A	1
266	8D	2
267	8E	3
268	AGRACANALROAD	1
269	ANANDMAIMARG	2
270	BKSMARG	1
271	DHANSAROAD	1
272	GOYLADAIRYROAD	2
273	JAILROAD	1
274	JLNMARG	1
275	JOSEPHBRIJTITOMARG	1
276	KARIYAPAROAD	1
277	MBROAD	2
278	NAJAFGARHROAD	1
279	NELSONMANDELAMARG	1
280	NOIDALINKROAD	1
281	OLD	1
282	OLDGURGAONROAD	1
283	OUTERRINGROAD	3
284	PATPARGANJROAD	1
285	PUSAROAD	1
286	RANIJHANSIROAD	1
287	RINGROAD	8
288	Road	1
289	ROADNO.56	4

196	748	7	243	45A	22	290	ROADNO.57	1
197	758	5	244	45B	16	291	ROHTAKROAD	1
198	765	2	245	45C	9	292	VIKASMARG	1
199	766	9	246	47-A	2	293	WAZIRABADROAD	5
200	927	15	247	47B	4	294	expressway	2
201	948	3	248	47SHU52	1	295	YAMUNAPUSTAROAD	1
202	07,BBRoad	8	249	49Extn	5	296	NH NO not available	399
203	114A	8	250	4A	10		Grand Total	5803

Annexure II(b)

NH-wise number of black spots identified during the year 2017 – 2019

Sl. No.	National Highways	No. of Black Spots	Repeated from 2016-18 BS Data Series
1	1	26	20
2	2	181	109
3	3	77	32
4	4	39	7
5	5	45	13
6	6	63	42
7	7	94	35
8	8	117	30
9	9	26	3
10	10	42	17
11	11	11	
12	12	27	4
13	13	5	2
14	14	1	
15	15	6	
16	16	294	104
17	17	13	13
18	18	36	1
19	19	24	3
20	20	10	2
21	21	38	6
22	22	6	-
23	24	52	11
24	25	11	1
25	26	31	7
26	27	63	8
27	28	39	17
28	29	6	2
29	30	80	50
30	31	75	24
31	32	44	7

32	33	10	2
33	34	103	76
34	35	10	6
35	37	1	
36	38	34	2
37	39	11	
38	40	25	13
39	41	27	11
40	42	13	
41	43	12	6
42	44	409	120
43	45	56	26
44	46	25	11
45	47	60	30
46	48	104	23
47	49	59	33
48	50	43	3
49	51	3	
50	52	63	16
51	53	28	20
52	54	43	
53	55	15	4
54	56	10	
55	57	20	4
56	58	30	14
57	59	1	
58	60	32	16
59	61	14	2
60	62	19	2
61	63	79	27
62	65	176	66
63	66	252	167
64	67	31	14
65	68	7	
66	69	11	7
67	70	1	1
68	71	8	2
69	72	3	1
70	73	4	3
71	74	21	10
72	75	99	48
73	76	43	6
74	77	3	3
75	78	4	1

76	79	47	28
77	80	1	1
78	81	9	
79	82	1	1
80	83	9	4
81	85	16	
82	86	40	5
83	87	1	
84	89	2	
85	91	25	8
86	92	17	14
87	93	1	
88	94	4	2
89	95	1	
90	96	2	
91	97	1	1
92	98	1	
93	99	1	1
94	100	1	
95	101	1	
96	102	10	1
97	103	1	1
98	104	1	
99	105	8	5
100	108	4	2
101	109	3	2
102	111	3	3
103	112	5	
104	113	8	
105	116	1	
106	117	41	28
107	119	2	
108	121	3	
109	123	2	
110	125	10	2
111	128	2	
112	130	6	6
113	133	8	5
114	135	1	
115	139	4	4
116	140	7	
117	143	10	6
118	144	3	3
119	146	2	1

120	148	5	
121	150	7	
122	153	2	
123	154	21	10
124	157	1	
125	161	2	1
126	162	12	2
127	163	77	24
128	165	3	1
129	167	20	9
130	169	7	4
131	173	11	1
132	181	4	3
133	183	7	
134	205	7	1
135	206	31	11
136	207	3	2
137	209	11	6
138	210	5	4
139	212	5	5
140	213	21	16
141	216	18	3
142	218	12	3
143	220	9	
144	226	3	1
145	231	2	1
146	232	2	
147	233	1	
148	234	6	1
149	235	6	
150	244	1	1
151	248	2	
152	254	2	
153	275	43	12
154	303	1	1
155	316	19	4
156	317	15	5
157	326	4	
158	330	2	
159	332	10	
160	333	2	2
161	336	5	3
162	343	3	3
163	347	6	4

164	353	3	
165	354	7	
166	363	22	8
167	367	5	
168	369	1	
169	381	5	
170	415	5	1
171	444	7	5
172	458	2	
173	501	2	
174	503	4	1
175	507	1	1
176	509	10	4
177	512	16	11
178	520	3	1
179	530	3	1
180	532	13	7
181	536	4	
182	543	1	
183	544	40	15
184	547	1	1
185	563	59	30
186	565	3	1
187	566	3	3
188	701	13	5
189	703	20	
190	707	3	3
191	716	20	2
192	730	12	1
193	731	2	1
194	744	12	8
195	748	6	3
196	754	1	
197	758	4	
198	765	16	2
199	766	24	7
200	927	13	
201	930	2	
202	944	2	2
203	948	7	1
204	148D	3	1
205	15 (A)	1	1
206	150 E	5	
207	24B	3	2

208	275K	1	
209	326A	1	
210	365 A	17	16
211	365BB	25	22
212	45A	7	
213	544 (47)	1	
214	544D	6	2
215	709 B	2	2
216	79A	1	
217	87(109)	2	1
218	10 & 37	1	
219	114A	6	6
220	116B	31	9
221	11B	3	2
222	11C	1	
223	130 A	5	5
224	130 C	2	1
225	130B	2	
226	143A	1	
227	144 A	1	1
228	148B	13	
229	149B	4	3
230	15 (A)	1	1
231	150A	25	6
232	16	2	
233	167(B)	1	
234	179A	1	
235	183(A)	3	
236	18A	2	
237	275K	1	
238	2B	5	1
239	317A	1	
240	31A	1	
241	31C	8	2
242	31D	20	4
243	334B	2	
244	344A	3	
245	344B	6	
246	353/C	15	4
247	365B	2	
248	365BB	20	14
249	45A	15	6
250	45A ECR	3	
251	45C	9	3

252	47	1	1
253	4A	4	1
254	5 (A)	3	2
255	503A	1	
256	516D	8	3
257	59A	1	1
258	69A	2	1
259	703A	5	
260	703B	1	
261	709 B	8	
262	709A	2	
263	709B	5	
264	730 C	1	
265	75E	2	
266	765D	6	
267	79A	1	
268	966a	2	
269	A8	1	
270	LUCKNOW AGRA EXPRESSWAY	1	
271	S8	1	
272	NH No not available	81	9
	Grand Total	5171	1902

Annexure III

State-wise status of rectification of Black Spots for the period of 2016 – 18

Sl. No.	State/ UTs	Black Spot on NH finalized by TRW during the period 2016-18	No. of BS permanent Rectification Done
1	Andhra Pradesh	466	390
2	Arunachal Pradesh	5	5
3	Assam	95	39
4	Bihar	64	8
5	Chandigarh	6	1
6	Chhattisgarh	142	122
7	Delhi	113	18
8	Goa	29	7
9	Gujarat	250	135
10	Haryana	23	15
11	Himachal Pradesh	116	80
12	J&K	64	36
13	Jharkhand	58	29
14	Karnataka	551	334

15	Kerala	243	51
16	Madhya Pradesh	303	207
17	Maharashtra	25	13
18	Manipur	5	5
19	Meghalaya	1	0
20	Mizoram	2	1
21	Nagaland	17	17
22	Odisha	169	139
23	Punjab	296	214
24	Rajasthan	349	260
25	Sikkim	10	9
26	Tamil Nadu	748	294
27	Telangana	485	418
28	Tripura	8	9
29	Uttar Pradesh	405	290
30	Uttarakhand	54	42
31	West Bengal	701	469
	Total	5803	3657
