

**GOVERNMENT OF INDIA
MINISTRY OF RAILWAYS**

**LOK SABHA
UNSTARRED QUESTION NO. 4752
TO BE ANSWERED ON 24.03.2021**

IMPROVEMENT IN PASSENGER SAFETY

4752. SHRI RAJIV PRATAP RUDY:

Will the Minister of RAILWAYS be pleased to state:

(a) whether the Government is undertaking projects to improve safety of railway operations and prevent accidents via track modernization, construction of ROBs and other such works, in the country;

(b) if so, the details of all such proposed and active projects in the country, State-wise, along with estimated cost outlay and timeline for completion;

(c) the details of total length of track modernization carried out and estimated cost of the same in the last 10 years, state-wise;

(d) the details of steps being taken by the Railways to improve passenger safety in the country; and

(e) whether the Ministry of Railways had specified a maximum per vehicle load limit for vehicles plying on JP Setu across the River Ganga and if so, details thereof?

ANSWER

**MINISTER OF RAILWAYS, COMMERCE & INDUSTRY AND
CONSUMER AFFAIRS, FOOD & PUBLIC DISTRIBUTION**

(SHRI PIYUSH GOYAL)

(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. 4752 BY SHRI RAJIV PRATAP RUDY TO BE ANSWERED IN LOK SABHA ON 24.03.2021 REGARDING IMPROVEMENT IN PASSENGER SAFETY

(a) & (b) Yes, Sir. Railway projects are sanctioned/executed Zonal Railway wise and not State-wise, as Indian Railways network spans across various State boundaries.

Railway tracks are replaced through track renewal works which is an ongoing process. Track renewal works are undertaken as and when a stretch of track becomes due for renewal on the basis of criteria laid down in the Indian Railway Permanent Way Manual on age/condition basis viz. traffic carried in terms of gross million tonnes, incidence of rail failure, wear of rails, corrosion of rails, maintainability of track as per standards etc. Track renewal works are normally completed within 2 to 3 years from date of sanction. The details of the active track renewal works are at Appendix-I.

Government is focusing on elimination of level crossings for increased safety of road users and railway passengers by providing Road Over Bridges (ROB)/Road Under Bridges (RUB). Railway-wise details of sanctioned ROB/RUB/Subways are at Appendix-II.

The construction of ROBs depends upon availability of encroachment free land for approach roads, shifting of utilities, allocation of adequate funds by State Governments, public support etc. Therefore, it is not possible to fix timelines for completion of these ROBs.

(c) Railway-wise details of track renewal carried out and expenditure incurred in the last ten years are at Appendix-III.

(d) 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. Upgradation of infrastructure to improve passenger safety is a continuous ongoing process. Various

inputs have been continuously given like introduction of Linke Hofmann Busch (LHB) coaches, introduction of Train Collision Avoidance System (TCAS) technology in signalling, enhanced track renewals, electronic interlocking of stations and level crossing gates and elimination of unmanned and manned level crossing gates.

With a view to improve fire safety in running trains, fire retardant furnishing materials are being provided in coaches and Fire and Smoke Detection System is being provided in all newly manufactured Air Conditioned coaches. Further, Fire Detection and Suppression System is being provided in all newly manufactured Power cars and Pantry cars.

(e) No, Sir. The Ministry of Railways has not specified a maximum per vehicle load limit for vehicles plying on JP Setu across the River Ganga.

APPENDIX-I REFERRED TO IN REPLY TO PARTS (a) AND (b) OF UNSTARRED QUESTION NO. 4752 BY SHRI RAJIV PRATAP RUDY TO BE ANSWERED IN LOK SABHA ON 24.03.2021 REGARDING IMPROVEMENT IN PASSENGER SAFETY

(a) & (b) Railway-wise details of active track renewal works as on 17.03.2021 are as under:

Zonal Railway	Number of active works	Estimated cost (in Cr of Rs)
Central	749	3453
Eastern	432	1966
East Central	483	2799
East Coast	474	1983
Northern	524	5253
North Central	643	3460
North Eastern	402	1441
Northeast Frontier	580	2464
North Western	260	2059
Southern	780	5358
South Central	517	2806
South Eastern	636	3473
South East Central	413	2455
South Western	576	3266
Western	559	4091
West Central	530	6696
Total	8558	53023

APPENDIX-II REFERRED TO IN REPLY TO PARTS (a) AND (b) OF UNSTARRED QUESTION NO. 4752 BY SHRI RAJIV PRATAP RUDY TO BE ANSWERED IN LOK SABHA ON 24.03.2021 REGARDING IMPROVEMENT IN PASSENGER SAFETY

(a) & (b) Details of Railway-wise sanctioned ROB/RUB/Subways as per Pink Book 2020-21 are as under:

Zonal Railway	ROB	RUB/ Subways	TOTAL	Railway Share (Rs. in Cr)	State Share (Rs. in Cr)	Total (Rs. In Cr)
Central	94	241	335	1637.06	998.36	2635.42
Eastern	84	111	195	2019.82	2244.68	4264.50
East Central	145	257	402	3510.83	3409.85	6920.68
East Coast	71	198	269	2508.28	1911.88	4420.16
Northern	154	683	837	5033.07	4357.95	9391.02
North Central	154	589	743	4704.01	3337.24	8041.26
North Eastern	44	317	361	1794.07	1023.67	2817.75
North East Frontier	8	117	125	489.56	201.42	690.98
North Western	71	1475	1546	3176.09	1695.00	4871.08
Southern	251	660	911	6233.66	4283.59	10517.25
South Central	147	422	569	5418.44	4782.70	10201.13
South Eastern	44	187	231	1995.76	1107.96	3103.72
South East Central	74	291	365	2287.17	858.11	3145.28
South Western	77	155	232	1136.08	892.70	2028.78
Western	207	857	1064	4630.61	3121.53	7752.14
West Central	94	119	213	2360.67	1471.05	3831.72
Total	1719	6679	8398	48935.17	35697.69	84632.86

APPENDIX-III REFERRED TO IN REPLY TO PART (c) OF UNSTARRED QUESTION NO. 4752 BY SHRI RAJIV PRATAP RUDY TO BE ANSWERED IN LOK SABHA ON 24.03.2021 REGARDING IMPROVEMENT IN PASSENGER SAFETY

(c) Year-wise details of track renewal done (in Track km) in last ten years are as under:

Zonal Railway	2019-20	2018-19	2017-18	2016-17	2015-16	2014-15	2013-14	2012-13	2011-12	2010-11
Central	280	278	299	195	185	205	153	201	196	253
Eastern	236	267	268	178	162	185	217	207	197	190
East Central	335	255	291	180	202	203	241	221	196	213
East Coast	457	297	276	119	116	60	154	90	44	36
Northern	631	579	553	281	387	383	441	634	714	654
North Central	274	233	204	111	164	152	318	301	248	286
North Eastern	120	69	102	81	80	45	61	102	117	134
Northeast Frontier	106	105	90	42	95	34	76	76	85	84
North Western	242	227	198	80	59	24	39	78	59	133
Southern	352	418	374	207	187	135	118	134	170	155
South Central	299	196	193	150	278	208	297	393	331	335
South Eastern	336	259	279	190	209	168	180	192	190	190
South East Central	202	209	182	123	119	107	85	96	90	81
South Western	212	257	197	117	118	96	110	106	127	102
Western	211	328	321	240	229	194	202	218	278	327
West Central	207	205	196	193	204	225	193	247	258	292
Total	4500	4181	4023	2487	2794	2424	2885	3296	3300	3465

Year-wise details of expenditure (in Cr. of Rs) on track renewal works in last ten years are as under

Railways	2019-20	2018-19	2017-18	2016-17	2015-16	2014-15	2013-14	2012-13	2011-12	2010-11
Central	610.85	764.92	639.08	441.11	426.66	391.25	289.39	299.36	353.78	397.89
Eastern	504.27	554.50	565.70	458.63	288.60	368.39	268.13	319.55	343.13	325.83
East Central	653.37	544.90	540.10	436.46	447.87	319.05	259.36	379.46	340.44	312.79
East Coast	713.51	625.27	566.41	271.22	299.90	157.80	154.02	166.46	167.45	182.38
Northern	1378.33	1351.12	1127.82	753.33	675.82	780.91	763.21	951.91	776.17	738.13
North Central	486.71	517.63	468.80	407.54	390.82	351.45	472.20	471.36	437.03	456.17
North Eastern	245.44	189.20	291.88	223.20	174.85	132.79	202.15	140.46	163.11	114.58
Northeast Frontier	276.13	374.48	354.42	313.07	204.37	149.23	125.48	208.48	178.40	176.16
North Western	491.54	465.36	385.89	194.95	121.54	98.67	137.23	120.78	151.74	170.56
Southern	721.28	771.63	741.33	464.71	398.23	317.57	302.23	346.38	294.18	227.80
South Central	633.52	658.58	581.59	360.73	431.33	428.65	498.53	507.84	648.10	464.42
South Eastern	553.47	624.58	539.94	478.97	383.42	427.16	434.17	340.06	391.80	334.64
South East Central	487.05	500.56	378.36	260.18	254.78	320.40	209.83	201.44	155.31	143.56
South Western	546.73	510.57	394.42	214.17	187.54	138.92	190.89	205.08	170.35	135.19
Western	569.98	705.53	742.69	519.20	363.89	431.30	317.58	358.46	340.44	434.29
West Central	502.67	517.90	555.85	594.84	527.19	535.07	346.13	389.83	364.00	365.12
Total	9374.86	9676.72	8874.28	6392.31	5576.81	5348.61	4970.53	5406.91	5275.43	4979.51
