

GOVERNMENT OF INDIA
MINISTRY OF RURAL DEVELOPMENT
DEPARTMENT OF RURAL DEVELOPMENT

LOK SABHA
UNSTARRED QUESTION NO. 1598
TO BE ANSWERED ON 11.02.2020

QUALITY OF ROADS UNDER PMGSY

1598. SHRI SUDARSHAN BHAGAT:

Will the Minister of **RURAL DEVELOPMENT** be pleased to state:

- (a) whether Pradhan Mantri Gram Sadak Yojana (PMGSY) has been successfully implemented in rural areas of the country and the quality of road construction has improved due to the same;
- (b) if so, the details thereof, State-wise; and
- (c) if not, the reasons therefor?

ANSWER
MINISTER OF RURAL DEVELOPMENT
(SHRI NARENDRA SINGH TOMAR)

(a) to (c): The Pradhan Mantri Gram Sadak Yojana (PMGSY) has been successfully implemented in the rural areas in the country with robust quality control mechanism. As per PMGSY Programme Guidelines, ensuring the quality of the road works is responsibility of the respective State Governments which are implementing the Programme. The Ministry of Rural Development/ National Rural Infrastructure Development Agency (NRIDA) issue general guidelines on quality control and prescribe Quality Assurance Handbook for Rural Roads to regulate the quality control processes, at work level. There is a very well structured three-tiered Quality Control mechanism for ensuring construction of quality road works and durability of road assets under PMGSY. Under the first tier, the Programme Implementation Units (PIUs) are required to ensure process control through mandatory tests on material and workmanship at field laboratory. The second tier is a structured independent quality monitoring at the State level through State Quality Monitors (SQMs) to ensure that every work is inspected at initial stage, middle stage and final stage of the construction. Under the third tier, independent National Quality Monitors (NQMs) are deployed for random inspection of road works to monitor quality and also to provide guidance of senior professionals to the field functionaries.

Whenever, a work is reported deficient by NQMs, on account of both structural and non-structural defects, the PIU ensures that the contractor replaces the material or rectifies the workmanship, as the case may be. The action taken report (ATR), for each such work, is verified on ground by the State Quality Monitors (SQMs). Thereafter, the State Quality Coordinator (SQC) examines the ATR for each such work and furnishes the compliance report regularly through programme Management Information System (MIS)-Online Management, Monitoring and Accounting System (OMMAS). To fast track the compliance on NQM observations, provisions have been made to upload and monitor the action taken report for each work through web based programme. Close monitoring has improved the quality of projects and a consistent decline in overall 'unsatisfactory' percentage of completed and ongoing projects has been observed during the last three years, which is evident from the State-wise details at **Annexure**.

Annexure												
National Quality Monitor [NQM] State-wise Grading Abstract Report												
From Month: April From Year: 2016 To Month: March To Year: 2017												
			Completed Works					Ongoing Works				
Sr. No.	State	Total No. of Inspections	S	SRI	U	U%	Total	S	SRI	U	U%	Total
1	Andhra Pradesh	34	9	0	0	0.00%	9	21	3	1	4.00%	25
2	Arunachal Pradesh	43	3	2	0	0.00%	5	11	10	17	44.74%	38
3	Assam	287	31	9	9	18.37%	49	150	46	42	17.65%	238
4	Bihar	1,073	187	49	32	11.94%	268	486	186	133	16.52%	805
5	Chhattisgarh	116	37	3	3	6.98%	43	55	15	3	4.11%	73
6	Gujarat	17	2	5	0	0.00%	7	6	1	3	30.00%	10
7	Himachal Pradesh	141	20	2	3	12.00%	25	67	36	13	11.21%	116
8	Jammu And Kashmir	71	21	1	2	8.33%	24	31	15	1	2.13%	47
9	Jharkhand	508	20	5	1	3.85%	26	291	110	81	16.80%	482
10	Karnataka	25	8	0	0	0.00%	8	13	1	3	17.65%	17
11	Kerala	88	11	3	0	0.00%	14	51	19	4	5.41%	74
12	Madhya Pradesh	426	33	7	0	0.00%	40	327	51	8	2.07%	386
13	Maharashtra	107	3	1	0	0.00%	4	85	12	6	5.83%	103
14	Manipur	54	6	1	1	12.50%	8	38	4	4	8.70%	46
15	Meghalaya	74	1	0	0	0.00%	1	37	25	11	15.07%	73
16	Mizoram	14	3	2	0	0.00%	5	2	5	2	22.22%	9
17	Nagaland	4	0	1	0	0.00%	1	0	0	3	100.00%	3
18	Odisha	810	94	18	7	5.88%	119	487	131	73	10.56%	691
19	Punjab	85	5	1	0	0.00%	6	70	8	1	1.27%	79
20	Rajasthan	232	26	4	0	0.00%	30	147	38	17	8.42%	202
21	Sikkim	42	2	2	0	0.00%	4	23	12	3	7.89%	38
22	Tamilnadu	130	6	3	1	10.00%	10	96	20	4	3.33%	120
23	Telangana	39	2	0	0	0.00%	2	30	5	2	5.41%	37
24	Tripura	66	8	1	0	0.00%	9	48	5	4	7.02%	57
25	Uttar Pradesh	192	23	3	3	10.34%	29	135	21	7	4.29%	163
26	Uttarakhand	86	8	3	0	0.00%	11	51	13	11	14.67%	75
27	West Bengal	250	20	2	2	8.33%	24	176	31	19	8.41%	226
	Total	5,014	589	128	64	8.19%	781	2,934	823	476	11.24%	4,233
Note : S-Satisfactory, SRI-Satisfactory Requiring Improvement, U-Unsatisfactory												

National Quality Monitor [NQM] State-wise Grading Abstract Report

From Month: April From Year: 2017 To Month: March To Year: 2018

			Completed Works					Ongoing Works				
Sr. No.	State	Total No. of Inspections	S	SRI	U	U%	Total	S	SRI	U	U%	Total
1	Andhra Pradesh	21	2	0	0	0.00%	2	17	2	0	0.00%	19
2	Arunachal Pradesh	58	2	0	1	33.33%	3	26	20	9	16.36%	55
3	Assam	219	13	2	1	6.25%	16	149	19	35	17.24%	203
4	Bihar	776	130	16	30	17.05%	176	428	83	89	14.83%	600
5	Chhattisgarh	236	14	0	1	6.67%	15	204	14	3	1.36%	221
6	Gujarat	7	0	0	0	0.00%	0	7	0	0	0.00%	7
7	Haryana	4	0	1	0	0.00%	1	0	3	0	0.00%	3
8	Himachal Pradesh	188	9	1	1	9.09%	11	153	14	10	5.65%	177
9	Jammu And Kashmir	161	24	2	1	3.70%	27	120	9	5	3.73%	134
10	Jharkhand	619	21	3	2	7.69%	26	464	81	48	8.09%	593
11	Kerala	75	5	2	2	22.22%	9	57	2	7	10.61%	66
12	Madhya Pradesh	957	136	10	0	0.00%	146	708	80	23	2.84%	811
13	Maharashtra	31	9	1	0	0.00%	10	18	0	3	14.29%	21
14	Manipur	63	2	0	0	0.00%	2	44	12	5	8.20%	61
15	Meghalaya	75	17	2	1	5.00%	20	43	9	3	5.45%	55
16	Mizoram	15	0	0	2	100.00%	2	4	7	2	15.38%	13
17	Odisha	776	35	7	2	4.55%	44	581	104	47	6.42%	732
18	Punjab	81	7	0	0	0.00%	7	66	7	1	1.35%	74
19	Rajasthan	586	266	22	22	7.10%	310	233	21	22	7.97%	276
20	Sikkim	65	1	0	0	0.00%	1	39	20	5	7.81%	64
21	Tamilnadu	322	112	11	4	3.15%	127	160	29	6	3.08%	195
22	Telangana	42	8	1	0	0.00%	9	29	1	3	9.09%	33
23	Tripura	36	4	0	1	20.00%	5	22	5	4	12.90%	31
24	Uttar Pradesh	295	14	0	2	12.50%	16	243	24	12	4.30%	279
25	Uttarakhand	73	4	0	0	0.00%	4	55	8	6	8.70%	69
26	West Bengal	223	14	0	2	12.50%	16	159	27	21	10.14%	207
	Total	6,004	849	81	75	7.46%	1,005	4,029	601	369	7.38%	4,999

Note : S-Satisfactory, SRI-Satisfactory Requiring Improvement, U-Unsatisfactory

National Quality Monitor [NQM] State-wise Grading Abstract Report												
From Month: April				From Year: 2018		To Month: March		To Year: 2019				
			Completed Works					Ongoing Works				
Sr. No.	State	Total No. of Inspections	S	SRI	U	U%	Total	S	SRI	U	U%	Total
1	Andhra Pradesh	51	6	1	0	0.00%	7	40	2	2	4.55%	44
2	Arunachal Pradesh	106	5	4	3	25.00%	12	41	33	20	21.28%	94
3	Assam	531	40	4	5	10.20%	49	411	28	43	8.92%	482
4	Bihar	652	128	27	12	7.19%	167	372	62	51	10.52%	485
5	Chhattisgarh	365	9	2	0	0.00%	11	305	44	5	1.41%	354
6	Gujarat	4	0	4	0	0.00%	4	0	0	0	0.00%	0
7	Haryana	1	0	0	0	0.00%	0	1	0	0	0.00%	1
8	Himachal Pradesh	198	24	4	1	3.45%	29	123	30	16	9.47%	169
9	Jammu And Kashmir	239	24	0	0	0.00%	24	189	18	8	3.72%	215
10	Jharkhand	565	49	11	3	4.76%	63	380	60	62	12.35%	502
11	Karnataka	0	0	0	0	0.00%	0	0	0	0	0.00%	0
12	Kerala	115	15	2	4	19.05%	21	78	7	9	9.57%	94
13	Madhya Pradesh	450	37	5	0	0.00%	42	377	28	3	0.74%	408
14	Maharashtra	28	1	0	0	0.00%	1	22	4	1	3.70%	27
15	Manipur	98	8	0	4	33.33%	12	59	13	14	16.28%	86
16	Meghalaya	71	15	0	0	0.00%	15	43	4	9	16.07%	56
17	Mizoram	47	1	1	0	0.00%	2	9	30	6	13.33%	45
18	Nagaland	15	1	0	0	0.00%	1	5	1	8	57.14%	14
19	Odisha	955	56	8	7	9.86%	71	732	99	53	6.00%	884
20	Punjab	54	8	0	0	0.00%	8	43	3	0	0.00%	46
21	Rajasthan	384	42	6	1	2.04%	49	285	28	22	6.57%	335
22	Sikkim	113	1	0	0	0.00%	1	70	27	15	13.39%	112
23	Tamilnadu	371	44	1	2	4.26%	47	285	32	7	2.16%	324
24	Telangana	40	1	6	0	0.00%	7	27	5	1	3.03%	33
25	Tripura	48	4	0	0	0.00%	4	30	3	11	25.00%	44
26	Uttar Pradesh	163	57	4	1	1.61%	62	87	7	7	6.93%	101
27	Uttarakhand	208	6	3	0	0.00%	9	137	39	23	11.56%	199
28	West Bengal	596	38	0	0	0.00%	38	475	55	28	5.02%	558
	Total	6,468	620	93	43	5.69%	756	4,626	662	424	7.42%	5,712
Note : S-Satisfactory, SRI-Satisfactory Requiring Improvement, U-Unsatisfactory												