

GOVERNMENT OF INDIA
MINISTRY OF JAL SHAKTI
DEPARTMENT OF DRINKING WATER AND SANITATION
RAJYA SABHA
UNSTARRED QUESTION NO- 384
ANSWERED ON-24/07/2023.

CLEAN TAP WATER CONNECTION

384. SHRI VIKRAMJIT SINGH SAHNEY:

Will the Minister of JAL SHAKTI be pleased to state:-

- (a) the number of rural households which have clean tap water connection under Jal Jeevan Mission (JJM) in the country in the last three years, year-wise, State-wise, district-wise and village-wise for Punjab;
- (b) whether Government has conducted any regular monthly/quarterly quality check study of water, if so, year-wise, State-wise report of last three years; and
- (c) the number of rural households which do not have clean tap water connection in the country in last three years, year-wise, State-wise and district-wise for Punjab?

ANSWER

THE MINISTER OF STATE FOR JAL SHAKTI

(SHRI PRAHLAD SINGH PATEL)

(a) to (c) Government of India is implementing Jal Jeevan Mission (JJM) – Har Ghar Jal, since August, 2019, in partnership with States, to make provision of potable tap water supply in adequate quantity, of prescribed quality and on regular & long-term basis to every rural household.

At the time of announcement of Jal Jeevan Mission, 3.23 Crore rural households were reported to have tap water connections. As reported by States/UTs as on 20/07/2023, more than 9.36 crore additional rural households have been provided with tap water connections under JJM. Thus, as on 20/07/2023, out of 19.46 Crore rural households in the country, more than 12.60 Crore (64.74%) rural households are reported to have tap water supply in their homes. The State/UT, district & village-wise status of tap water connection in rural households, including for Punjab, as reported by States/ UTs, is also in public domain and available on JJM dashboard at:

<https://ejalshakti.gov.in/jjmreport/JJMIndia.aspx>

As reported by State/ UT, year-wise details of rural households with tap water connection and without tap water connections are at **Annex-I** and **Annex-II**.

Under JJM, States/UTs have been advised to undertake testing of water quality on a periodic basis *i.e.* once in year for chemical and physical parameters, and twice in a year for bacteriological parameters and take remedial action wherever necessary, to ensure that the water supplied to

households is of prescribed quality. To enable States/ UTs to test water samples for water quality, and for sample collection, reporting, monitoring and surveillance of drinking water sources, an online JJM – Water Quality Management Information System (WQMIS) portal has been developed. The State/ UT, District & village–wise details of water quality test reported through WQMIS is in public domain and available at:

<https://ejalshakti.gov.in/WQMIS/Main/report>

As reported by States/UTs, State/ UT-wise details of water samples tested in the water testing laboratories and using Field Testing Kits (FTKs) during last three years and current year is at **Annex-III**.

Annex referred to in the reply to Rajya Sabha Unstarred Question No. 384 answered on 24.07.2023

State/ UT-wise year-wise details of tap water connections in rural households

(No. in lakhs)

S. No.	State/ UT	No. of Rural HHs	Rural HHs with tap water connection as on					
			15.08.19	01.04.20	01.04.21	01.04.22	01.04.23	20.07.23
1.	A & N Islands	0.62	0.29	0.29	0.62	0.62	0.62	0.62
2.	Andhra Pradesh	95.55	30.74	31.93	44.70	54.29	66.41	66.94
3.	Arunachal Pradesh	2.30	0.23	0.36	1.01	1.43	1.77	1.95
4.	Assam	68.22	1.11	1.60	6.67	23.20	31.98	35.72
5.	Bihar	166.30	3.16	32.13	135.59	155.45	159.08	160.29
6.	Chhattisgarh	50.11	3.20	4.16	5.66	10.12	20.93	26.79
7.	D&NH and D&D	0.85	0.00	0.00	0.25	0.85	0.85	0.85
8.	Goa	2.63	1.99	2.30	2.63	2.63	2.63	2.63
9.	Gujarat	91.18	65.16	66.22	77.16	86.15	91.18	91.18
10.	Haryana	30.41	17.66	19.02	26.93	30.41	30.41	30.41
11.	Himachal Pradesh	17.09	7.63	9.22	13.00	15.87	16.80	17.09
12.	Jammu & Kashmir	18.66	5.75	7.83	9.98	10.56	10.96	12.34
13.	Jharkhand	61.26	3.45	4.40	7.40	11.59	20.36	23.77
14.	Karnataka	101.17	24.51	24.73	28.16	46.86	67.43	69.59
15.	Kerala	70.82	16.64	17.50	21.54	28.18	33.47	35.24
16.	Ladakh	0.42	0.01	0.02	0.04	0.13	0.31	0.33
17.	Lakshadweep	0.13	0.00	0.00	0.00	0.00	0.00	0.00
18.	Madhya Pradesh	119.65	13.53	17.72	37.59	48.48	57.55	61.10
19.	Maharashtra	146.73	48.44	53.88	90.97	101.63	109.85	113.77
20.	Manipur	4.52	0.26	0.30	2.27	2.96	3.45	3.46
21.	Meghalaya	6.52	0.05	0.06	0.94	2.27	3.08	3.48
22.	Mizoram	1.33	0.09	0.25	0.59	0.80	1.11	1.20
23.	Nagaland	3.69	0.14	0.16	0.63	1.56	2.43	2.71
24.	Odisha	88.67	3.11	7.47	22.95	40.42	52.64	55.17
25.	Puducherry	1.15	0.94	1.00	1.08	1.15	1.15	1.15
26.	Punjab	34.26	16.79	17.55	25.73	34.13	34.26	34.26
27.	Rajasthan	108.02	11.74	12.76	19.57	24.95	39.08	44.35
28.	Sikkim	1.32	0.70	0.70	0.81	0.89	1.08	1.14
29.	Tamil Nadu	125.53	21.76	21.93	38.06	52.96	79.48	88.17
30.	Telangana	53.98	15.68	35.86	54.06	53.87	53.98	53.98
31.	Tripura	7.44	0.25	0.70	2.12	3.78	4.58	4.90
32.	Uttar Pradesh	266.53	5.16	9.82	28.98	34.79	95.11	140.66
33.	Uttarakhand	14.94	1.30	2.17	6.49	9.24	11.48	11.73
34.	West Bengal	184.50	2.15	2.19	14.67	37.98	58.74	63.23
Total		1946.51	323.63	406.25	728.87	930.20	1164.28	1260.21

Source: JJM-IMIS

Annex referred to in the reply to Rajya Sabha Unstarred Question No. 384 answered on 24.07.2023

State/ UT-wise year-wise details of rural households without tap water connection

(No. in lakhs)

S. No.	State/ UT	No. of Rural HHs	Rural HHs without tap water connection as on					
			15.08.19	01.04.20	01.04.21	01.04.22	01.04.23	20.07.23
1.	A & N Islands	0.62	0.33	0.33	0.00	0.00	0.00	0.00
2.	Andhra Pradesh	95.55	64.81	63.61	50.85	41.26	29.13	28.61
3.	Arunachal Pradesh	2.30	2.07	1.94	1.29	0.87	0.53	0.35
4.	Assam	68.22	67.11	66.62	61.55	45.03	36.24	32.51
5.	Bihar	166.30	163.14	134.17	30.71	10.85	7.22	6.02
6.	Chhattisgarh	50.11	46.92	45.96	44.45	40.00	29.19	23.32
7.	D&NH and D&D	0.85	0.85	0.85	0.61	0.00	0.00	0.00
8.	Goa	2.63	0.64	0.33	0.00	0.00	0.00	0.00
9.	Gujarat	91.18	26.02	24.97	14.02	5.03	0.00	0.00
10.	Haryana	30.41	12.75	11.40	3.49	0.00	0.00	0.00
11.	Himachal Pradesh	17.09	9.46	7.87	4.08	1.22	0.29	0.00
12.	Jammu & Kashmir	18.66	12.91	10.83	8.68	8.10	7.70	6.32
13.	Jharkhand	61.26	57.81	56.85	53.86	49.67	40.90	37.49
14.	Karnataka	101.17	76.65	76.44	73.01	54.30	33.74	31.58
15.	Kerala	70.82	54.18	53.32	49.28	42.64	37.34	35.58
16.	Ladakh	0.42	0.41	0.41	0.39	0.30	0.12	0.10
17.	Lakshadweep	0.13	0.13	0.13	0.13	0.13	0.13	0.13
18.	Madhya Pradesh	119.65	106.11	101.92	82.06	71.16	62.10	58.54
19.	Maharashtra	146.73	98.30	92.85	55.76	45.11	36.88	32.96
20.	Manipur	4.52	4.26	4.21	2.25	1.55	1.06	1.05
21.	Meghalaya	6.52	6.47	6.45	5.58	4.24	3.44	3.04
22.	Mizoram	1.33	1.24	1.08	0.74	0.53	0.22	0.13
23.	Nagaland	3.69	3.55	3.53	3.06	2.14	1.27	0.98
24.	Odisha	88.67	85.56	81.19	65.72	48.25	36.02	33.50
25.	Puducherry	1.15	0.21	0.15	0.07	0.00	0.00	0.00
26.	Punjab	34.26	17.47	16.71	8.53	0.13	0.00	0.00
27.	Rajasthan	108.02	96.28	95.26	88.45	83.07	68.94	63.67
28.	Sikkim	1.32	0.62	0.62	0.51	0.43	0.24	0.18
29.	Tamil Nadu	125.53	103.77	103.60	87.47	72.57	46.05	37.36
30.	Telangana	53.98	38.30	18.12	0.00	0.11	0.00	0.00
31.	Tripura	7.44	7.19	6.73	5.31	3.66	2.85	2.54
32.	Uttar Pradesh	266.53	261.37	256.71	237.55	231.74	171.41	125.87
33.	Uttarakhand	14.94	13.64	12.77	8.45	5.70	3.46	3.21
34.	West Bengal	184.50	182.35	182.30	169.83	146.52	125.75	121.26
Total		1946.51	1622.88	1540.26	1217.65	1016.31	782.24	686.30

Source: JJM-IMIS

Annex referred to in the reply to Rajya Sabha Unstarred Question No. 384 answered on 24.07.2023

State/ UT-wise details of water samples tested in water quality testing laboratories and using field testing kits (FTKs)*(As on 19/07/2023)*

S. No.	State/ UT	No. of water samples tested in labs				No. of water samples tested using FTKs			
		2020-21	2021-22	2022-23	2023-24	2020-21	2021-22	2022-23	2023-24
1.	A & N Islands	427	992	1,152	265	NR	828	910	29
2.	Andhra Pradesh	5,25,058	3,64,606	6,33,171	1,91,445	1,78,314	2,63,243	5,77,564	4,51,004
3.	Arunachal Pradesh	24,339	26,007	30,039	11,416	52,951	16,027	19,163	7,120
4.	Assam	3,29,397	2,16,323	1,69,708	61,894	3,66,553	3,03,465	2,86,701	4,81,390
5.	Bihar	1,60,826	2,02,493	2,36,819	68,066	2	NR	12,575	22,025
6.	Chhattisgarh	38,329	68,935	1,11,229	22,030	5,35,127	8,82,140	7,66,934	2,19,241
7.	D&NH and D&D	NR	NR	NR	NR	NR	NR	269	718
8.	Goa	2,981	8,571	8,874	1,997	NR	371	242	NR
9.	Gujarat	2,05,423	2,39,232	2,58,173	85,047	7	52,364	1,45,142	25,935
10.	Haryana	1,40,072	96,910	82,725	24,712	50,004	1,47,764	1,72,448	13,149
11.	Himachal Pradesh	1,03,268	2,66,754	2,00,189	57,599	1,04,483	89,822	1,52,886	50,613
12.	Jammu & Kashmir	1,61,267	1,97,360	2,74,026	1,02,197	8,547	17,231	40,611	24,218
13.	Jharkhand	80,906	1,49,724	1,96,222	51,941	1,80,289	20,155	2,40,325	1,61,151
14.	Karnataka	1,21,463	1,59,533	2,25,232	59,657	1,62,812	1,42,840	6,21,591	50,573
15.	Kerala	99,124	2,41,787	4,58,547	82,155	4,353	3,83,402	2,08,860	22,481
16.	Ladakh	5,586	5,359	5,618	2,156	393	2,447	4,217	857
17.	Lakshadweep	NR	3,483	4,778	1,434	NR	NR	NR	2
18.	Madhya Pradesh	5,00,324	3,44,612	6,39,220	1,55,867	8,97,902	1,60,499	5,96,674	2,12,499
19.	Maharashtra	5,19,842	69,215	3,87,567	1,12,659	NR	96,190	7,22,012	1,05,550
20.	Manipur	6,972	17,413	22,356	746	6,472	19,537	22,404	808
21.	Meghalaya	31,204	7,104	32,812	16,209	2,484	4,186	8,499	4,365
22.	Mizoram	10,923	18,930	37,649	5,653	NR	10,052	4,359	1,497
23.	Nagaland	2,354	4,308	12,901	3,899	3,526	20,663	26,091	9,301
24.	Odisha	2,44,667	2,16,816	2,38,714	70,191	9,27,507	1,73,183	4,96,393	5,237

(As on 19/07/2023)

S. No.	State/ UT	No. of water samples tested in labs				No. of water samples tested using FTKs			
		2020-21	2021-22	2022-23	2023-24	2020-21	2021-22	2022-23	2023-24
25.	Puducherry	NR	942	1,461	625	NR	NR	2	NR
26.	Punjab	59,026	14,930	24,672	10,107	68,133	53,628	1,77,816	63,040
27.	Rajasthan	98,419	1,11,407	1,43,747	48,091	NR	5,576	49,990	1,66,593
28.	Sikkim	5,657	6,252	7,922	6,144	NR	989	9,736	9,291
29.	Tamil Nadu	3,45,550	3,46,263	6,76,389	2,74,038	NR	2,90,525	7,90,317	1,47,664
30.	Telangana	2,73,288	2,23,180	2,53,425	77,850	2,58,446	1,031	20	1
31.	Tripura	17,461	30,939	22,482	14,263	9,519	18,005	14,691	15,249
32.	Uttar Pradesh	1,28,805	99,006	3,20,689	1,98,733	NR	29,916	42,31,350	3,08,674
33.	Uttarakhand	49,719	71,203	93,677	26,761	NR	7,981	29,432	13,672
34.	West Bengal	6,08,286	3,41,587	4,69,089	24,170	NR	1	3,62,186	24,971
Total		49,00,963	41,72,176	62,81,274	18,70,017	38,17,824	32,14,061	1,07,92,410	26,18,918

NR: Not reported

Source: JJM-IMIS and JJM-WQMIS