

GOVERNMENT OF INDIA
MINISTRY OF JAL SHAKTI
DEPARTMENT OF DRINKING WATER & SANITATION

RAJYA SABHA
UNSTARRED QUESTION NO. 1690
TO BE ANSWERED ON 18/12/2023

PER CAPITA AVAILABILITY OF CLEAN DRINKING WATER

1690. DR. KANIMOZHI NVN SOMU:

Will the Minister of JAL SHAKTI be pleased to state:

- (a) whether it is a fact that the per capita availability of clean drinking water in the country is much lower than the levels fixed by UN and WHO;
- (b) the per capita availability of clean drinking water and water for irrigation, State-wise;
- (c) whether Government has taken any steps to curb the menace of shortfall of clean drinking water and fast depletion of groundwater;
- (d) if so, the action taken in this regard; and
- (e) the list of projects funded by Government for the State Governments to increase the per capita availability of clean drinking water?

ANSWER

THE MINISTER OF STATE FOR JAL SHAKTI
(SHRI RAJEEV CHANDRASEKHAR)

(a) to (e) Government of India is committed to make provision for safe & potable tap water supply in adequate quantity, of prescribed quality and on a regular & long-term basis to all rural households in the country. Towards this end, the Government of India launched the Jal Jeevan Mission (JJM), to be implemented in partnership with states, in August 2019. Drinking Water is a state subject, and hence, the responsibility of planning, approval, implementation, operation, and maintenance of drinking water supply schemes, including those under the Jal Jeevan Mission, lies with State/UT Governments. The Government of India supports the States by providing technical and financial assistance.

As per the WHO, the per capita requirement of clean water ranges from 30-50 lpcd for drinking, cooking, personal washing, washing clothes and cleaning home. Under JJM, the minimum service delivery has been fixed as 55 lpcd and States may enhance the same to higher level depending on availability of drinking water sources.

Significant progress has been made in the country since the launch of Jal Jeevan Mission, towards enhancing access to tap water to rural households. At the start of Jal Jeevan Mission in

August 2019, only 3.23 Crore (16.8%) rural households were reported to have tap water connections. So far, as reported by States/ UTs as on 13.12.2023, around 10.58 Crore additional rural households have been provided with tap water connections under JJM. Thus, as on 13.12.2023, out of 19.24 Crore rural households in the country, more than 13.81 Crore (71.77%) households are reported to have tap water supply in their homes State/ UT-wise details are at **Annex-I**.

Further, Central Ground Water Board (CGWB) has informed that the Dynamic Ground Water Resources of the country are being assessed every year from 2022 jointly by CGWB and State Governments. As per the 2023 assessment, the Total Annual Ground Water Recharge is 449 Billion Cubic Meter (BCM) and the Annual Extractable Ground Water Resource is 407 BCM. The Annual Ground Water Extraction for all uses is 241 BCM, out of which 210 BCM (87%) of ground water has been utilized for irrigation activities and 31 BCM (13%) has been utilized for domestic and Industrial purposes. The State wise details, *inter alia* including those for Irrigation are at **Annex-II**.

In addition, water being a State subject, role of Government of India is limited to being catalytic, providing technical support and, in some cases partial financial assistance in terms with the existing schemes being implemented by the Department of Water Resources, River Development and Ganga Rejuvenation. Further, details of steps taken for sustainable ground water management are available at:

<https://cdnbbsr.s3waas.gov.in/s3a70dc40477bc2adceef4d2c90f47eb82/uploads/2023/02/2023021742.pdf>

Annex-I

**Annex referred to in Rajya Sabha Unstarred Question No. 1690 to be answered on
18.12.2023**

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

(Number in lakhs)

S. No.	State/ UT	Total rural HHs	Rural HHs with tap water supply as on 15.08.2019		Rural HHs with tap water supply since launch of JJM		Rural HHs with tap water supply as on 13.12.2023	
			No.	In%	No.	In%	No.	In%
1.	A & N Islands	0.62	0.29	46.02	0.33	53.98	0.62	100.00
2.	Andhra Pr.	95.54	30.74	32.18	38.18	39.96	68.92	72.14
3.	Arunachal Pr.	2.29	0.23	9.96	2.00	87.20	2.22	97.11
4.	Assam	69.29	1.11	1.61	45.02	64.97	46.13	66.58
5.	Bihar	166.30	3.16	1.90	157.17	94.51	160.34	96.41
6.	Chhattisgarh	49.97	3.20	6.40	32.65	65.34	35.85	71.74
7.	DNH and DD	0.85	0.00	0.00	0.85	100.00	0.85	100.00
8.	Goa	2.63	1.99	75.70	0.64	24.30	2.63	100.00
9.	Gujarat	91.18	65.16	71.46	26.02	28.54	91.18	100.00
10.	Haryana	30.41	17.66	58.08	12.75	41.92	30.41	100.00
11.	Himachal Pr.	17.09	7.63	44.64	9.46	55.36	17.09	100.00
12.	J&K	18.70	5.75	30.77	8.34	44.62	14.10	75.37
13.	Jharkhand	61.82	3.45	5.58	25.44	41.15	28.89	46.73
14.	Karnataka	101.16	24.51	24.23	47.53	46.98	72.04	71.21
15.	Kerala	70.77	16.64	23.51	20.02	28.28	36.66	51.80
16.	Ladakh	0.42	0.01	3.39	0.36	86.60	0.37	89.99
17.	Lakshadweep	0.13		0.00	0.07	54.74	0.07	54.74
18.	Madhya Pr.	111.86	13.53	12.10	52.85	47.24	66.22	59.20
19.	Maharashtra	146.72	48.44	33.01	72.42	49.36	120.86	82.37
20.	Manipur	4.52	0.26	5.74	3.25	71.95	3.51	77.69
21.	Meghalaya	6.52	0.05	0.70	4.48	68.81	4.53	69.50
22.	Mizoram	1.33	0.09	6.91	1.21	91.21	1.31	98.12
23.	Nagaland	3.69	0.14	3.76	2.88	78.13	3.02	81.89
24.	Odisha	88.64	3.11	3.51	57.76	65.17	60.87	68.68
25.	Puducherry	1.15	0.94	81.33	0.21	18.67	1.15	100.00
26.	Punjab	34.26	16.79	49.00	17.47	51.00	34.26	100.00
27.	Rajasthan	106.65	11.74	11.01	36.37	34.10	48.11	45.11
28.	Sikkim	1.32	0.70	53.34	0.46	35.17	1.17	88.51
29.	Tamil Nadu	125.31	21.76	17.37	75.70	60.41	97.46	77.77
30.	Telangana	53.98	15.68	29.05	38.30	70.95	53.98	100.00
31.	Tripura	7.47	0.25	3.28	5.22	69.92	5.47	73.20
32.	Uttar Pr.	263.26	5.16	1.96	183.13	69.56	188.27	71.52
33.	Uttarakhand	14.54	1.30	8.96	11.47	78.92	12.69	87.28
34.	West Bengal	174.10	2.15	1.23	67.74	38.91	69.89	40.14
	Total	19,24.49	3,23.63	16.82	10,57.69	54.96	13,81.14	71.77

HH: Household

Source: JJM – IMIS

Annex-II

**Annex referred to in Rajya Sabha Unstarred Question No. 1690 to be answered on
18.12.2023**

State-wise Ground Water Resources of India, 2023 (in bcm)

S. No.	States / Union Territories	Total Annual Ground Water Recharge	Annual Extractable Ground Water Resource	Current Annual Ground Water Extraction				Stage of Ground Water Extraction (%)
				Irrigation	Industrial	Domestic	Total	
1	Andhra Pradesh	27.83	26.45	6.44	0.14	0.9	7.48	28.3
2	Arunachal Pradesh	4.65	4.16	0.01	0.0003	0.01	0.02	0.42
3	Assam	27.26	20.93	2.06	0.01	0.55	2.63	12.54
4	Bihar	33.96	30.72	10.13	0.37	3.26	13.75	44.76
5	Chhattisgarh	13.34	12.18	4.87	0.13	0.75	5.75	47.17
6	Delhi	0.38	0.34	0.08	0.0007	0.26	0.34	99.13
7	Goa	0.396	0.317	0.025	0.005	0.038	0.068	21.37
8	Gujarat	27.35	25.41	12.13	0.17	0.84	13.13	51.68
9	Haryana	9.55	8.69	10.55	0.62	0.62	11.8	135.74
10	Himachal Pradesh	1.11	1.01	0.18	0.05	0.12	0.35	34.95
11	Jharkhand	6.25	5.73	0.94	0.21	0.65	1.8	31.38
12	Karnataka	18.93	17.08	10.09	0.13	1.1	11.32	66.26
13	Kerala	5.53	5.01	1.12	0.01	1.59	2.73	54.55
14	Madhya Pradesh	35.47	32.85	17.4	0.17	1.72	19.3	58.75
15	Maharashtra	32.76	30.95	15.28	0.03	1.36	16.66	53.83
16	Manipur	0.52	0.47	0.017	0.0002	0.02	0.04	7.99
17	Meghalaya	1.83	1.51	0.02	0.0003	0.04	0.07	4.58
18	Mizoram	0.22	0.2	0	0	0.01	0.01	3.70
19	Nagaland	0.6	0.54	0.00227	0.00002	0.02	0.02	3.76
20	Odisha	17.35	15.94	5.96	0.18	1.25	7.39	46.33
21	Punjab	18.84	16.98	26.39	0.24	1.18	27.8	163.76
22	Rajasthan	12.45	11.25	14.3	0.13	2.31	16.74	148.77
23	Sikkim	0.243	0.219	0.009	0.001	0.002	0.012	5.54
24	Tamil Nadu	21.59	19.51	13.48	0.15	0.79	14.42	73.91
25	Telangana	23.14	20.92	7.24	0.35	0.49	8.09	38.65
26	Tripura	1.36	1.09	0.03	0.0003	0.08	0.11	9.92
27	Uttar Pradesh	71.83	65.57	40.92	0.44	5.04	46.4	70.76
28	Uttarakhand	2.02	1.85	0.67	0.12	0.17	0.95	51.69
29	West Bengal	26.29	23.9	8.99	0.15	1.57	10.71	44.81
30	A&N Islands	0.618	0.557	0.0001	0.001	0.007	0.008	1.37
31	Chandigarh	0.054	0.048	0.008	0.002	0.026	0.037	75.41
32	Dadra & Nagar Haveli	0.09	0.08	0.01	0.09	0.01	0.11	131.53
	Daman & Diu	0.035	0.033	0.003	0.055	0	0.057	170.70
33	Jammu And Kashmir	4.94	4.46	0.32	0.05	0.71	1.08	24.20
34	Ladakh	0.09	0.08	0	0.0002	0.03	0.03	37.05
35	Lakshadweep	0.014	0.005	0.00	0.00	0.003	0.003	61.723
36	Puducherry	0.20	0.18	0.07	0.01	0.05	0.13	70.27
	Grand Total	449.08	407.21	209.74	4.01	27.57	241.34	59.26