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Access of Households to Drinking Water in India - 2001



January, 2006

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Town & Country Planning Organisation
Ministry of Urban Development
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PREFACE

Water is essential for human survival. Clean drinking water is indispensable to ensure good human health. Article 25 of the Universal Declaration of Human Right says: “Water is the single most important element needed in order for people to achieve the universal human right to a standard of living adequate for the health and well being of himself and his family”. Polluted water constitutes a grave danger to human health. Nitrates and fluorides in water cause blue baby syndrome, fluorosis and carcinogenic effects. Lead, mercury, cadmium, nickel, iron can cause kidney ailments and cancers. Pesticides in water can cause carcinogenic effects and neurological ailments. According to a WHO – UNICEF sponsored study, as many as 200 districts in India have a high fluoride concentration in ground water.

Access to water should be considered as a human right. There should not be any place for profit-making in water development and management. Water should flow to all. Water should not be “packaged” or “bottled” and sold at exorbitant prices. Unfortunately, in many of the Indian Cities, selling water has become the most-profitable venture. According to World Water Council, all have a right to water, but more than 1.2 billion in the world do not have access to water and more than 2 billion lack access to sanitation. Even among those who have access to drinking water, only a small proportion seems to be enjoying continuous organized water supply through taps for 24 hours in a day. Due to lack of organized water supply through surface-water resources in many areas of the globe, ground water is being overexploited resulting in groundwater falling to inaccessible depths in many areas.

What is the scenario relating to access to drinking water in India? It is to answer this question; the present document has been brought out. The document analyses the data relating to access of households to drinking water given by the Census of India 2001, at all-India and state levels. The Census of India, 2001 provides data pertaining to access of households to drinking water by source and its location. The data does not include institutional households. The various types of source of water supply cover tap, hand pump, tube well, well, tank, pond, lake, river,

canal, spring, and others. In case any household used water from two or more sources, the drinking water source type availed of more during the greater part of the year has been considered as the source for the household. The location of source of drinking water has been classified into three categories based on the distance, viz., “within the premises”, “near the premises” (i.e., when the available source is located within a radius of 100 metres in urban areas and 500 metres in the case of rural areas) and “away from the premises”. The drinking water source has been considered “away”, if it is located beyond 100 metres for the households in urban areas and more than 500 metres for the households living in rural areas.

The idea of bringing out the instant document, which contains seven chapters, was conceived by Sh. J. Nagarajan, Senior Social Scientist. He designed the format of draft in which the document is to be presented. He also undertook the final editing of the report. The drafting of the report in the prescribed format, computerization of data, processing of data to generate the required analytical tables and analysis of data etc. were carried out by Sh. C.A. Lokesh. Sh. R.S. Meena and Sh. T.Tete helped in computerization as well as processing of data. Sh. P.P. Tuteja ably assisted in editing the draft and finalizing the report. The supervision of the work of staff was done by Sh. B.K. Bharti, Senior Research Officer.

It is hoped that this document would be found useful by policy-makers, administrators, urban planners, researchers and academicians.

New Delhi
January, 2006

(K .T. Gurumukhi)
Chief Planner

CHAPTER I

Access to Tap Water (Irrespective of location of the tap)

The access of households to tap water (organized protected water supply through taps) in the country as a whole and in various states, as per the Census of India - 2001, can be seen in Table 1. The important findings from this table are given below.

I. All India - Percentage of households having access to tap water

Total	:	36.7%
Urban	:	68.7%
Rural	:	24.3%

II. State having the highest percentage of households having access to tap water

Total	:	Chandigarh (91.9%)
Urban	:	A & N Islands (97.3%)
Rural	:	Pondicherry (87.3%)

III. State having the lowest percentage of households having access to tap water

Total	:	Lakshadweep (3.1%)
Urban	:	Lakshadweep (1.2%)
Rural	:	Bihar (1.4%)

IV. States whose percentages are higher than or equivalent to the national average of households having access to tap water

Total	Urban	Rural
Chandigarh (91.9%)	A & N Islands (97.3%)	Pondicherry (87.3%)
Pondicherry (89.3%)	Sikkim (96.9%)	Chandigarh (85%)
Himachal Pradesh (84.1%)	Himachal Pradesh (93.9%)	Himachal Pradesh (82.9%)
A & N Islands (76.2%)	Chandigarh (92.7%)	Sikkim (66.5%)
Delhi (75.3%)	Daman & Diu (91.2%)	A & N Islands (66.3%)
Daman & Diu (72.9%)	Pondicherry (90.3%)	Arunachal Pradesh(63.3%)
Sikkim (70.3%)	Maharashtra (89.2%)	Daman & Diu (62.8%)
Goa (69%)	Jammu & Kashmir (87.5%)	Uttaranchal (60.5%)
Arunachal Pradesh(67.8%)	Arunachal Pradesh(83.1%)	Tamil Nadu (60.5%)
Uttaranchal (65.9%)	Gujarat (83%)	Goa (57.2%)
Maharashtra (64%)	Uttaranchal (82.3%)	Delhi (51.6%)
Tamil Nadu (62.5%)	Goa (81%)	Gujarat (49.1%)
Gujarat (62.3%)	Rajasthan (80.1%)	Karnataka ((48.5%)
Karnataka (58.9%)	Karnataka (78.4%)	Maharashtra (45.5%)
Jammu & Kashmir (52.5%)	Delhi (77%)	Nagaland (44.3%)
Haryana (48.1%)	Andhra Pradesh (71.9%)	Jammu & Kashmir (40.7%)
Andhra Pradesh (48.1%)	Haryana (71.7%)	Andhra Pradesh (40.3%)
Nagaland (42%).	Meghalaya (71.3%)	Haryana (37.8%)
		D & Nagar Haveli (25.2%)
		Meghalaya (24.4%).

V. States whose percentages are lower than the national average of households having access to tap water

Total	Urban	Rural
Lakshadweep (3.1%)	Lakshadweep (1.2%)	Bihar (1.4%)
Bihar (3.7%)	Bihar (26.4%)	Jharkhand (2.7%)
Orissa (8.7%)	Assam (31.4%)	Orissa (2.8%)
Assam (9.2%)	Nagaland (32.8%)	Lakshadweep (4.4%)
Jharkhand (12.6%)	D & N Haveli (37.2%)	Chhattisgarh (5%)
Chattisgarh (15.5%)	Kerala (39.9%)	Assam (5.4%)
Kerala (20.4%)	Mizoram (44.2%)	West Bengal (7%)

West Bengal (21.4%)	Orissa (45.9%)	Madhya Pradesh (10.7%)
Uttar Pradesh (23.7%)	Jharkhand (48%)	Kerala (13.9%)
Tripura (24.6%)	Tripura (53.4%)	Punjab (15.8%)
Madhya Pradesh (25.3%)	Uttar Pradesh (54.5%)	Uttar Pradesh (16%)
D & N Haveli (28.2%)	Manipur (54.7%)	Tripura (18.1%)
Manipur (29.3%)	West Bengal (56.7%)	Mizoram (19.3%)
Mizoram (31.9%)	Chhattisgarh (60%)	Manipur (20.6%)
Punjab (33.6%)	Tamil Nadu (65.4%)	Rajasthan (21.6%)
Meghalaya (34.5%)	Punjab (66.8%)	
Rajasthan (35.3%).	Madhya Pradesh (67.9%)	

VI. Distribution of states by percentage of households having access to tap water

i. Total

Percentage Range	No. of States	Percentage to total	Names of States
Below 10	4	11.4	Lakshadweep, Bihar, Orissa, Assam
10 - 20	2	5.7	Jharkhand, Chhattisgarh
20 - 30	7	20.0	Kerala, West Bengal, Uttar Pradesh, Tripura, Madhya Pradesh, D & N Haveli, Manipur
30 - 40	4	11.4	Mizoram, Punjab, Meghalaya, Rajasthan
40 - 50	3	8.6	Nagaland, Andhra Pradesh, Haryana
50 - 60	2	5.7	Jammu & Kashmir, Karnataka
60 - 70	6	17.1	Gujarat, Tamil Nadu, Maharashtra, Uttaranchal, Arunachal Pradesh, Goa
70 - 80	4	11.4	Sikkim, Daman & Diu, Delhi, Andaman & Nicobar Islands
80 - 90	2	5.7	Himachal Pradesh, Pondicherry
90 & above	1	2.9	Chandigarh
Total	35	100.0	

ii. Urban

Percentage Range	No. of States	Percentage to total	Names of States
Below 30	2	5.7	Lakshadweep, Bihar
30 - 40	4	11.4	Assam, Nagaland, D & N Haveli, Kerala
40 - 50	3	8.6	Mizoram, Orissa, Jharkhand
50 - 60	4	11.4	Tripura, Uttar Pradesh, Manipur, West Bengal
60 - 70	4	11.4	Chhattisgarh, Tamil Nadu, Punjab, Madhya Pradesh
70 - 80	5	14.3	Meghalaya, Haryana, Andhra Pradesh, Delhi, Karnataka
80 - 90	7	20.0	Rajasthan, Goa, Uttaranchal, Gujarat, Arunachal Pradesh, Jammu & Kashmir, Maharashtra
90 & above	6	17.1	Pondicherry, Daman & Diu, Chandigarh, Himachal Pradesh, Sikkim, Andaman & Nicobar Islands.
Total	35	100.0	

iii. Rural

Percentage Range	No. of States	Percentage to total	Names of States
Below 10	7	20.0	Bihar, Jharkhand, Orissa, Lakshadweep, Chhattisgarh, Assam, West Bengal
10 - 20	6	17.1	Madhya Pradesh, Kerala, Punjab, Uttar Pradesh, Tripura, Mizoram
20 - 30	4	11.4	Manipur, Rajasthan, Meghalaya, Dadar & Nagar Haveli
30 - 40	1	2.9	Haryana
40 - 50	6	17.1	Andhra Pradesh, Jammu & Kashmir, Nagaland, Maharashtra, Karnataka, Gujarat
50 - 60	2	5.7	Delhi, Goa
60 - 70	6	17.1	Tamil Nadu, Uttaranchal, Daman & Diu, Arunachal Pradesh, A & N Islands, Sikkim
70 - 80	0	0	Nil
80 - 90	3	8.6	Himachal Pradesh, Chandigarh, Pondicherry
90 & above	0	0	Nil
Total	35	100.0	

Table 1 : Access to tap water - 2001							
S.No.	State / U.T	No.of households having access to tap water			%age of households having access to tap water		
		Total	Urban	Rural	Total	Urban	Rural
1	Jammu & Kashmir	814,366	341,691	472,675	52.5	87.5	40.7
2	Himachal Pradesh	1,043,730	134,349	909,381	84.1	93.9	82.9
3	Punjab	1,433,435	995,301	438,134	33.6	66.8	15.8
4	Chandigarh	185,426	167,312	18,114	91.9	92.7	85.0
5	Uttaranchal	1,045,276	321,040	724,236	65.9	82.3	60.5
6	Haryana	1,699,137	770,634	928,503	48.1	71.7	37.8
7	Delhi	1,924,140	1,836,723	87,417	75.3	77.0	51.6
8	Rajasthan	3,295,027	1,751,159	1,543,868	35.3	80.1	21.6
9	Uttar Pradesh	6,105,512	2,819,597	3,285,915	23.7	54.5	16.0
10	Bihar	522,909	348,632	174,277	3.7	26.4	1.4
11	Sikkim	73,640	12,615	61,025	70.3	96.9	66.5
12	Arunachal Pradesh	144,168	39,978	104,190	67.8	83.1	63.3
13	Nagaland	139,360	21,905	117,455	42.0	32.8	44.3
14	Manipur	116,413	55,450	60,963	29.3	54.7	20.6
15	Mizoram	51,386	36,034	15,352	31.9	44.2	19.3
16	Tripura	162,801	65,282	97,519	24.6	53.4	18.1
17	Meghalaya	145,096	64,557	80,539	34.5	71.3	24.4
18	Assam	454,292	224,685	229,607	9.2	31.4	5.4
19	West Bengal	3,363,802	2,580,285	783,517	21.4	56.7	7.0
20	Jharkhand	610,528	508,849	101,679	12.6	48.0	2.7
21	Orissa	687,284	499,114	188,170	8.7	45.9	2.8
22	Chhattisgarh	642,619	473,730	168,889	15.5	60.0	5.0
23	Madhya Pradesh	2,763,309	1,897,937	865,372	25.3	67.9	10.7
24	Gujarat	6,009,503	3,120,183	2,889,320	62.3	83.0	49.1
25	Daman & Diu	25,039	11,169	13,870	72.9	91.2	62.8
26	D & N Haveli	12,412	4,166	8,246	28.2	37.2	25.2
27	Maharashtra	12,203,492	7,196,763	5,006,729	64.0	89.2	45.5
28	Andhra Pradesh	8,105,960	3,001,284	5,104,676	48.1	71.9	40.3
29	Karnataka	6,025,364	2,789,547	3,235,817	58.9	78.4	48.5
30	Goa	192,659	112,174	80,485	69.0	81.0	57.2
31	Lakshadweep	283	45	238	3.1	1.2	4.4
32	Kerala	1,345,646	658,949	686,697	20.4	39.9	13.9
33	Tamil Nadu	8,862,863	3,857,966	5,004,897	62.5	65.4	60.5
34	Pondicherry	186,241	123,187	63,054	89.3	90.3	87.3
35	A & N Islands	55,709	22,780	32,929	76.2	97.3	66.3
	INDIA	70,448,827	36,865,072	33,583,755	36.7	68.7	24.3

Source : Census of India, 2001 : "Tables on Houses, Household Amenities and Assets" (on CD)

CHAPTER II

Access to Tap Water within the Premises

The access of households to tap water within the premises in the country as a whole and in various states, as per the Census of India – 2001, may be seen in Table 2. The important findings from this table are given below.

I. All India - Percentage of households having access to tap water within the premises

Total	:	20.8%
Urban	:	49.7%
Rural	:	9.6%

II. State having the highest percentage of households having access to tap water within the premises

Total	:	Chandigarh (75.9%)
Urban	:	Sikkim (85.4%)
Rural	:	Chandigarh (63.8%)

III. State having the lowest percentage of households having access to tap water within the premises

Total	:	Lakshadweep (1.9%)
Urban	:	Lakshadweep (1.1%)
Rural	:	Bihar (0.7%)

IV. States whose percentages are higher than or equivalent to the national average of households having access to tap water within the premises

Total	Urban	Rural
Chandigarh (75.9%)	Sikkim (85.4%)	Chandigarh (63.8%)
Delhi (61.6%)	A & N Islands (77.4%)	Sikkim (39.4%)
Pondicherry (54.6%)	Chandigarh (77.3%)	Delhi (38.6%)
Goa (50.1%)	Himachal Pradesh (72.3%)	Goa (38.3%)
Maharashtra (45.3%)	Uttaranchal (70.2%)	Pondicherry (33.9%)
Sikkim (45.1%)	Rajasthan (70%)	Maharashtra (27.7%)
A & N Islands (43.4%)	Jammu & Kashmir (69.7%)	A & N Islands (27.4%)
Gujarat (42.2%)	Maharashtra (69.2%)	Gujarat (26.2%)
Daman & Diu (38.2%)	Daman & Diu (67.3%)	Himachal Pradesh(25.8%)
Uttaranchal (31.9%)	Gujarat (67.2%)	Daman & Diu (22.1%)
Himachal Pradesh (31.2%)	Pondicherry (65.5%)	Arunachal Pradesh(19.5%)
Punjab (28.6%)	Punjab (63.4%)	Uttaranchal (19.4%)
Arunachal Pradesh(26.9%)	Delhi (63.2%)	Rajasthan (13.3%)
Rajasthan (26.5%)	Goa (62.1%)	Andhra Pradesh (12.8%)
Haryana (26.4%)	Haryana (58.9%)	Haryana (12.2%)
Jammu & Kashmir (24.7%)	Arunachal Pradesh(52.1%)	Nagaland (11.4%)
Karnataka (24.1%)		Karnataka (11.2%)
		Punjab (9.9%)
		Uttar Pradesh (9.9%)
		Jammu & Kashmir (9.6%)

V. States whose percentages are lower than the national average of households having access to tap water within the premises

Total	Urban	Rural
Lakshadweep (1.9%)	Lakshadweep (1.1%)	Bihar (0.7%)
Bihar (2.7%)	Manipur (20.1%)	Orissa (0.7%)
Assam (4.2%)	Nagaland (20.2%)	Jharkhand (1.1%)
Orissa (4.9%)	Bihar (21.7%)	Assam (1.1%)
Manipur (7.8%)	Assam (22.2%)	West Bengal (1.3%)
Chhattisgarh (8.1%)	D & N Haveli (25.2%)	Chhattisgarh (1.8%)
Tripura (8.1%)	Kerala (29.4%)	Lakshadweep (2.6%)
Jharkhand (8.3%)	Mizoram (30%)	Mizoram (2.7%)

West Bengal (10.8%)	Tripura (30.3%)	Tripura (3.1%)
D & N Haveli (11%)	Orissa (30.9%)	Manipur (3.6%)
Kerala (13%)	Jharkhand (33.9%)	Meghalaya (4.5%)
Meghalaya (13%)	West Bengal (34%)	Madhya Pradesh (5%)
Nagaland (13.2%)	Chhattisgarh (34.9%)	D & N Haveli (6.2%)
Madhya Pradesh (15%)	Tamil Nadu (34.9%)	Tamil Nadu (7.3%)
Mizoram (16.6%)	Madhya Pradesh (43.9%)	Kerala (7.5%)
Uttar Pradesh (17.6%)	Meghalaya (43.9%)	
Tamil Nadu (18.8%)	Andhra Pradesh (44.2%)	
Andhra Pradesh (20.6%)	Uttar Pradesh (48.1%)	
	Karnataka (48.3%)	

VI. Distribution of states by percentage of households having access to tap water within the premises

i. Total

Percentage Range	No. of States	Percentage to total	Names of States
Below 10	8	22.9	Lakshadweep, Bihar, Assam, Orissa, Manipur, Chattisgarh, Tripura, Jharkhand
10 - 20	9	25.7	West Bengal, D & N Haveli, Kerala, Meghalaya, Nagaland, Madhya Pradesh, Mizoram, Uttar Pradesh, Tamil Nadu
20 - 30	7	20.0	Andhra Pradesh, Karnataka, J & K, Haryana, Rajasthan, Arunachal Pradesh, Punjab
30 - 40	3	8.6	Himachal Pradesh, Uttaranchal, Daman & Diu
40 - 50	4	11.4	Gujarat, A & N Islands, Sikkim, Maharashtra
50 - 60	2	5.7	Goa, Pondicherry
60 - 70	1	2.9	Delhi
70 & above	1	2.9	Chandigarh
Total	35	100.0	

ii. Urban

Percentage Range	No. of States	Percentage to total	Names of States
Below 20	1	2.9	Lakshadweep
20-30	6	17.1	Manipur, Nagaland, Bihar, Assam, D & N Haveli, Kerala
30-40	7	20.0	Mizoram, Tripura, Orissa, Jharkhand, West Bengal, Chhattisgarh, Tamil Nadu,
40-50	5	14.3	Madhya Pradesh, Meghalaya, A.P, Uttar Pradesh, Karnataka
50-60	2	5.7	Arunachal Pradesh, Haryana
60-70	8	22.9	Goa, Delhi, Punjab, Pondicherry, Gujarat, Daman & Diu, Maharashtra, Jammu & Kashmir
70 & above	6	17.1	Rajasthan, Uttaranchal, Himachal Pradesh, Chandigarh, A & N Islands, Sikkim
Total	35	100.0	

iii. Rural

Percentage Range	No. of States	Percentage to total	Names of States
Below 5	11	31.4	Bihar, Orissa, Jharkhand, Assam, West Bengal, Chhattisgarh, Lakshadweep, Mizoram, Tripura, Manipur, Meghalaya
5 - 10	7	20.0	Madhya Pradesh, D & N Haveli, Tamil Nadu, Kerala, J & K, Uttar Pradesh, Punjab
10 - 15	5	14.3	Karnataka, Nagaland, Haryana, Andhra Pradesh, Rajasthan
15 - 20	2	5.7	Uttaranchal, Arunachal Pradesh
20 - 25	1	2.9	Daman & Diu
25 - 30	4	11.4	Himachal Pradesh, Gujarat, A & N Islands, Maharashtra
30 - 35	1	2.9	Pondicherry
35 - 40	3	8.6	Goa, Delhi, Sikkim
40 & above	1	2.9	Chandigarh
Total	35	100.0	

S.No.	State / U.T	No. of households having access to tap water within the premises			Percentage of households having access to tap water within the premises		
		Total	Urban	Rural	Total	Urban	Rural
1	Jammu & Kashmir	383,585	272,150	111,435	24.7	69.7	9.6
2	Himachal Pradesh	386,486	103,437	283,049	31.2	72.3	25.8
3	Punjab	1,220,811	945,021	275,790	28.6	63.4	9.9
4	Chandigarh	153,254	139,660	13,594	75.9	77.3	63.8
5	Uttaranchal	505,757	273,809	231,948	31.9	70.2	19.4
6	Haryana	933,211	632,768	300,443	26.4	58.9	12.2
7	Delhi	1,572,370	1,506,861	65,509	61.6	63.2	38.6
8	Rajasthan	2,480,208	1,530,418	949,790	26.5	70.0	13.3
9	Uttar Pradesh	4,526,572	2,487,855	2,038,717	17.6	48.1	9.9
10	Bihar	374,768	286,705	88,063	2.7	21.7	0.7
11	Sikkim	47,223	11,115	36,108	45.1	85.4	39.4
12	Arunachal Pradesh	57,211	25,074	32,137	26.9	52.1	19.5
13	Nagaland	43,855	13,502	30,353	13.2	20.2	11.4
14	Manipur	31,174	20,408	10,766	7.8	20.1	3.6
15	Mizoram	26,656	24,513	2,143	16.6	30.0	2.7
16	Tripura	53,640	37,074	16,566	8.1	30.3	3.1
17	Meghalaya	54,658	39,788	14,870	13.0	43.9	4.5
18	Assam	204,934	158,421	46,513	4.2	22.2	1.1
19	West Bengal	1,696,099	1,547,220	148,879	10.8	34.0	1.3
20	Jharkhand	401,474	359,891	41,583	8.3	33.9	1.1
21	Orissa	386,425	336,173	50,252	4.9	30.9	0.7
22	Chhattisgarh	334,318	275,245	59,073	8.1	34.9	1.8
23	Madhya Pradesh	1,636,469	1,227,604	408,865	15.0	43.9	5.0
24	Gujarat	4,069,970	2,527,113	1,542,857	42.2	67.2	26.2
25	Daman & Diu	13,131	8,239	4,892	38.2	67.3	22.1
26	D & N Haveli	4,856	2,820	2,036	11.0	25.2	6.2
27	Maharashtra	8,628,031	5,581,028	3,047,003	45.3	69.2	27.7
28	Andhra Pradesh	3,465,131	1,846,733	1,618,398	20.6	44.2	12.8
29	Karnataka	2,468,101	1,717,682	750,419	24.1	48.3	11.2
30	Goa	139,936	86,051	53,885	50.1	62.1	38.3
31	Lakshadweep	180	42	138	1.9	1.1	2.6
32	Kerala	856,123	485,101	371,022	13.0	29.4	7.5
33	Tamil Nadu	2,663,884	2,059,430	604,454	18.8	34.9	7.3
34	Pondicherry	113,848	89,377	24,471	54.6	65.5	33.9
35	A & N Islands	31,736	18,112	13,624	43.4	77.4	27.4
India		39,966,085	26,676,440	13,289,645	20.8	49.7	9.6

CHAPTER III

Access to Tap Water near the Premises

The access of households to tap water near the premises in the country as a whole and in various states, as per the Census of India – 2001, may be seen in Table 3. The important findings from this table are given below.

I. All India - Percentage of households having access to tap water near the premises

Total	:	13.0%
Urban	:	15.1%
Rural	:	12.2%

II. State having the highest percentage of households having access to tap water near the premises

Total	:	Himachal Pradesh (46.7%)
Urban	:	Tamil Nadu (26.2%)
Rural	:	Himachal Pradesh (50.4%)

III. State having the lowest percentage of households having access to tap water near the premises

Total	:	Bihar (0.8%)
Urban	:	Lakshadweep (0.1%)
Rural	:	Bihar (0.6%)

IV. States whose percentages are higher than or equivalent to the national average of households having access to tap water near the premises

Total	Urban	Rural
Himachal Pradesh (46.7%)	Tamil Nadu (26.2%)	Himachal Pradesh (50.4%)
Tamil Nadu (39.5%)	Arunachal Pradesh (25%)	Pondicherry (49.7%)
Arunachal Pradesh(34.6%)	Manipur (24.2%)	Tamil Nadu (49%)
Daman & Diu (33%)	Daman & Diu (22.6%)	Daman & Diu (38.8%)
Pondicherry (31.4%)	Karnataka (22.6%)	Arunachal Pradesh(37.4%)
Uttaranchal (26.9%)	Meghalaya (22%)	Uttaranchal (32.8%)
Karnataka (26.8%)	Pondicherry (21.7%)	A & N Islands (29.7%)
A & N Islands (25.8%)	Andra Pradesh (20.5%)	Karnataka (29.1%)
Nagaland (24%)	Chhattisgarh (19.9%)	Nagaland (27.5%)
Jammu & Kashmir (23.5%)	Tripura (18.3%)	J & K (26.5%)
Andra Pradesh (21.9%)	Madhya Pradesh (18.2%)	Andhra Pradesh (22.3%)
Meghalaya (17.9%)	West Bengal (17.8%)	Haryana (20%)
Sikkim (17.4%)	A & N Islands (17.6%)	Chandigarh (19.4%)
Haryana (16.8%)	Maharashtra (16.9%)	Gujarat (19.1%)
Gujarat (16.8%)		Sikkim (18.6%)
D & N Haveli (16.2%)		D & N Haveli (18%)
Manipur (16.1%)		Meghalaya (16.8%)
Maharashtra (15.9%)		Maharashtra (15.1%)
Goa (14.9%)		Goa (15%)
Mizoram (13.8%)		Mizoram (14.8%)
Chandigarh (13.5%)		Manipur (13.3%)

V. States whose percentages are lower than the national average of households having access to tap water near the premises

Total	Urban	Rural
Bihar (0.8%)	Lakshadweep (0.1%)	Bihar (0.6%)
Lakshadweep (1.1%)	Punjab (2.8%)	Jharkhand (1.2%)
Orissa (2.6%)	Bihar (3.3%)	Orissa (1.5%)
Jharkhand (2.9%)	Uttar Pradesh (5.3%)	Lakshadweep (1.8%)
Assam (3.6%)	Assam (6.2%)	Chhattisgarh (2.7%)
Punjab (4%)	Kerala (7.2%)	Assam (3.2%)

Kerala (4.8%)	Rajasthan (7.9%)	Kerala (4%)
Uttar Pradesh (5.2%)	Jharkhand (8.9%)	West Bengal (4.3%)
Chhattisgarh (5.9%)	Uttaranchal (9.1%)	Punjab (4.6%)
Rajasthan (6.6%)	Sikkim (9.6%)	Madhya Pradesh (5%)
Madhya Pradesh (8.2%)	Orissa (9.7%)	Uttar Pradesh (5.2%)
West Bengal (8.2%)	Nagaland (9.9%)	Rajasthan (6.2%)
Delhi (10.6%)	Delhi (10.8%)	Delhi (8%)
Tripura (12.8%)	D & N Haveli (10.8%)	Tripura (11.6%)
	Mizoram (12.8%)	
	Chandigarh (12.9%)	
	Gujarat (13.1%)	
	Goa (14.7%)	
	J & K (14.7%)	

VI. Distribution of states by percentage of households having access to tap water near the premises

i. Total

Percentage Range	No. of States	Percentage to total	Names of States
Below 5	7	20.0	Bihar, Lakshadweep, Orissa, Jharkhand, Assam, Punjab, Kerala
5 - 10	5	14.3	Uttar Pradesh, Chhattisgarh, Rajasthan, Madhya Pradesh, West Bengal
10 - 15	5	14.3	Delhi, Tripura, Chandigarh, Mizoram, Goa
15 - 20	7	20.0	Maharashtra, Manipur, Dadra & Nagar Haveli, Gujarat, Haryana, Sikkim, Meghalaya
20 - 25	3	8.6	Andhra Pradesh, Jammu & Kashmir, Nagaland
25 - 30	3	8.6	Andaman & Nicobar Islands, Karnataka, Uttaranchal
30 - 35	3	8.6	Pondicherry, Daman & Diu, Arunachal Pradesh
35 & above	2	5.7	Tamil Nadu, Himachal Pradesh
Total	35	100.0	

ii. Urban

Percentage Range	No. of States	Percentage to total	Names of States
Below 5	3	8.6	Lakshadweep, Punjab, Bihar
5 - 10	10	28.6	Uttar Pradesh, Assam, Kerala, Rajasthan, Jharkhand, Uttaranchal, Haryana, Sikkim, Orissa, Nagaland
10 - 15	7	20.0	Delhi, Dadra & Nagar Haveli, Mizoram, Chandigarh, Gujarat, Goa, Jammu & Kashmir
15 - 20	7	20.0	Maharashtra, Andaman & Nicobar Islands, West Bengal, Himachal Pradesh, Madhya Pradesh, Tripura, Chhattisgarh,
20 - 25	6	17.2	Andhra Pradesh, Pondicherry, Meghalaya, Karnataka, Daman & Diu, Manipur
25 & above	2	5.7	Arunachal Pradesh, Tamil Nadu
Total	35	100.0	

iii. Rural

Percentage Range	No. of States	Percentage to total	Names of States
Below 5	10	28.6	Bihar, Jharkhand, Orissa, Lakshadweep, Chhattisgarh, Assam, Kerala, West Bengal, Punjab, Madhya Pradesh
5 - 10	3	8.6	Uttar Pradesh, Rajasthan, Delhi
10 - 15	3	8.6	Tripura, Manipur, Mizoram
15 - 20	7	20.0	Goa, Maharashtra, Meghalaya, Dadra & Nagar Haveli, Sikkim, Gujarat, Chandigarh
20 - 25	2	5.7	Haryana, Andhra Pradesh
25 - 30	4	11.4	Jammu & Kashmir, Nagaland, Karnataka, Andaman & Nicobar Islands
30 - 35	1	2.9	Uttaranchal
35 - 40	4	11.4	Arunachal Pradesh, Daman & Diu, Tamil Nadu, Pondicherry
40 & above	1	2.9	Himachal Pradesh
Total	35	100.0	

S.No.	State / U.T	No. of households having access to tap water near the premises			Percentage of households having access to tap water near the premises		
		Total	Urban	Rural	Total	Urban	Rural
1	Jammu & Kashmir	365,229	57,472	307,757	23.5	14.7	26.5
2	Himachal Pradesh	579,360	25,763	553,597	46.7	18.0	50.4
3	Punjab	169,934	41,501	128,433	4.0	2.8	4.6
4	Chandigarh	27,347	23,213	4,134	13.5	12.9	19.4
5	Uttaranchal	427,456	35,655	391,801	26.9	9.1	32.8
6	Haryana	594,084	102,468	491,616	16.8	9.5	20.0
7	Delhi	270,022	256,448	13,574	10.6	10.8	8.0
8	Rajasthan	619,638	173,152	446,486	6.6	7.9	6.2
9	Uttar Pradesh	1,335,925	274,879	1,061,046	5.2	5.3	5.2
10	Bihar	113,637	43,719	69,918	0.8	3.3	0.6
11	Sikkim	18,262	1,243	17,019	17.4	9.6	18.6
12	Arunachal Pradesh	73,600	12,023	61,577	34.6	25.0	37.4
13	Nagaland	79,645	6,631	73,014	24.0	9.9	27.5
14	Manipur	63,908	24,553	39,355	16.1	24.2	13.3
15	Mizoram	22,186	10,425	11,761	13.8	12.8	14.8
16	Tripura	84,924	22,416	62,508	12.8	18.3	11.6
17	Meghalaya	75,198	19,948	55,250	17.9	22.0	16.8
18	Assam	178,583	44,056	134,527	3.6	6.2	3.2
19	West Bengal	1,286,245	809,615	476,630	8.2	17.8	4.3
20	Jharkhand	138,592	94,285	44,307	2.9	8.9	1.2
21	Orissa	206,143	105,525	100,618	2.6	9.7	1.5
22	Chhattisgarh	246,647	157,153	89,494	5.9	19.9	2.7
23	Madhya Pradesh	891,850	509,016	382,834	8.2	18.2	4.7
24	Gujarat	1,617,473	492,182	1,125,291	16.8	13.1	19.1
25	Daman & Diu	11,333	2,771	8,562	33.0	22.6	38.8
26	D & N Haveli	7,103	1,212	5,891	16.2	10.8	18.0
27	Maharashtra	3,028,245	1,366,031	1,662,214	15.9	16.9	15.1
28	Andhra Pradesh	3,685,087	855,841	2,829,246	21.9	20.5	22.3
29	Karnataka	2,741,505	802,190	1,939,315	26.8	22.6	29.1
30	Goa	41,526	20,343	21,183	14.9	14.7	15.0
31	Lakshadweep	99	2	97	1.1	0.1	1.8
32	Kerala	317,102	119,116	197,986	4.8	7.2	4.0
33	Tamil Nadu	5,596,353	1,545,390	4,050,963	39.5	26.2	49.0
34	Pondicherry	65,511	29,605	35,906	31.4	21.7	49.7
35	A & N Islands	18,853	4,116	14,737	25.8	17.6	29.7
	India	24,998,605	8,089,958	16,908,647	13.0	15.1	12.2

CHAPTER IV

Access to Tap Water away from the Premises

The access of households to tap water away from the premises in the country as a whole and in various states, as per the Census of India – 2001, may be seen in Table 4. The important findings from this table are given below.

I. All India - Percentage of households having access to tap water away from the premises

Total	:	2.9%
Urban	:	3.9%
Rural	:	2.4%

II. State having the highest percentage of households having access to tap water away from the premises

Total	:	Karnataka (8%)
Urban	:	Manipur (10.4%)
Rural	:	A & N Islands (9.2%)

III. State having the lowest percentage of households having access to tap water away from the premises

Total	:	Bihar (0.2%)
Urban	:	Punjab (0.6%)
Rural	:	Lakshadweep (0.1%)

IV. States whose percentages are higher than or equivalent to the national average of households having access to tap water away from the premises

Total	Urban	Rural
Karnataka (8%)	Manipur (10.4%)	A & N Islands (9.2%)
Sikkim (7.8%)	Karnataka (7.6%)	Sikkim (8.6%)
Uttaranchal (7.1%)	Andhra Pradesh (7.2%)	Uttaranchal (8.4%)
A & N Islands (7%)	Arunachal Pradesh (6%)	Karnataka (8.2%)
Arunachal Pradesh (6.3%)	Madhya Pradesh (5.8%)	Himachal Pradesh (6.6%)
Himachal Pradesh (6.3%)	Meghalaya (5.3%)	Arunachal Pradesh (6.4%)
Andhra Pradesh (5.7%)	Orissa (5.3%)	Haryana (5.6%)
Manipur (5.4%)	Chhattisgarh (5.2%)	Nagaland (5.3%)
Haryana (4.9%)	Jharkhand (5.2%)	Andhra Pradesh (5.2%)
Nagaland (4.8%)	West Bengal (4.9%)	Delhi (4.9%)
Tamil Nadu (4.3%)	Tripura (4.7%)	Jammu & Kashmir (4.6%)
Jammu & Kashmir (4.2%)	Tamil Nadu (4.3%)	Tamil Nadu (4.2%)
Goa (4%)	Goa (4.2%)	Goa (3.8%)
Tripura (3.7%)		Gujarat (3.8%)
Meghalaya (3.6%)		Pondicherry (3.7%)
Gujarat (3.3%)		Manipur (3.7%)
Pondicherry (3.3%)		Tripura (3.4%)
Delhi (3.2%)		Meghalaya (3.2%)
Maharashtra (2.9%)		Maharashtra (2.7%)
		Kerala (2.4%)

V. States whose percentages are lower than the national average of households having access to tap water away from the premises

Total	Urban	Rural
Lakshadweep (0.0%)	Lakshadweep (0.0%)	Lakshadweep (0.1%)
Bihar (0.2%)	Punjab (0.6%)	Bihar (0.1%)
Uttar Pradesh (0.9%)	Uttar Pradesh (1.1%)	Jharkhand (0.4%)
Punjab (1%)	D & N Haveli (1.2%)	Orissa (0.5%)
D & N Haveli (1%)	Daman & Diu (1.3%)	Chhattisgarh (0.6%)
Orissa (1.2%)	Mizoram (1.3%)	Uttar Pradesh (0.9%)
Assam (1.4%)	Bihar (1.4%)	Madhya Pradesh (0.9%)
Jharkhand (1.4%)	Sikkim (2%)	D & N Haveli (1%)

Chhattisgarh (1.5%)	Rajasthan (2.2%)	Assam (1.2%)
Mizoram (1.6%)	A & N Islands (2.4%)	Punjab (1.2%)
Daman & Diu (1.7%)	Chandigarh (2.5%)	West Bengal (1.4%)
Rajasthan (2.1%)	Nagaland (2.7%)	Chandigarh (1.8%)
Madhya Pradesh (2.2%)	Gujarat (2.7%)	Mizoram (1.8%)
Chandigarh (2.4%)	Uttaranchal (3%)	Daman & Diu (1.9%)
West Bengal (2.4%)	Delhi (3.1%)	Rajasthan (2.1%)
Kerala (2.6%)	Pondicherry (3.1%)	
	J & K (3.1%)	
	Maharashtra (3.1%)	
	Assam (3.1%)	
	Haryana (3.3%)	
	Kerala (3.3%)	
	Himachal Pradesh (3.6%)	

VI. Distribution of states by percentage of households having access to tap water away from the premises

i. Total

Percentage Range	No. of States	Percentage to total	Names of States
Below 1	3	8.6	Lakshadweep, Bihar, Uttar Pradesh
1 - 2	8	22.9	Punjab, Dadra & Nagar Haveli, Orissa, Assam, Jharkhand, Chhattisgarh, Mizoram, Daman & Diu
2 - 3	6	17.1	Rajasthan, Madhya Pradesh, Chandigarh, West Bengal, Kerala, Maharashtra
3 - 4	5	14.3	Delhi, Pondicherry, Gujarat, Meghalaya, Tripura
4 - 5	5	14.3	Goa, Jammu & Kashmir, Tamil Nadu, Nagaland, Haryana
5 - 6	2	5.7	Manipur, Andhra Pradesh
6 - 7	2	5.7	Himachal Pradesh, Arunachal Pradesh
7 & above	4	11.4	Andaman & Nicobar Islands, Uttaranchal, Sikkim, Karnataka
Total	35	100.0	

ii. Urban

Percentage Range	No. of States	Percentage to total	Names of States
Below 1	2	5.7	Lakshadweep, Punjab
1 - 2	5	14.2	Uttar Pradesh, Dadra & Nagar Haveli, Daman & Diu, Mizoram, Bihar
2 - 3	6	17.1	Sikkim, Rajasthan, Andaman & Nicobar Islands, Chandigarh, Nagaland, Gujarat
3 - 4	9	25.7	Uttaranchal, Delhi, Pondicherry, Jammu & Kashmir, Maharashtra, Assam, Haryana, Kerala, Himachal Pradesh
4 - 5	4	11.4	Goa, Tamil Nadu, Tripura, West Bengal
5 - 6	5	14.2	Jharkhand, Chhattisgarh, Orissa, Meghalaya, Madhya Pradesh
6 - 7	1	2.9	Arunachal Pradesh
7 & above	3	8.6	Andhra Pradesh, Karnataka, Manipur
Total	35	100.0	

iii. Rural

Percentage Range	No. of States	Percentage to total	Names of States
Below 1	7	20.0	Lakshadweep, Bihar, Jharkhand, Orissa, Chhattisgarh, Uttar Pradesh, Madhya Pradesh
1 - 2	7	20.0	Dadra & Nagar Haveli, Assam, Punjab, West Bengal, Chandigarh, Mizoram, Daman & Diu
2 - 3	3	8.6	Rajasthan, Kerala, Maharashtra
3 - 4	6	17.1	Meghalaya, Tripura, Manipur, Pondicherry, Gujarat, Goa
4 - 5	3	8.6	Tamil Nadu, Jammu & Kashmir, Delhi
5 - 6	3	8.6	Andhra Pradesh, Nagaland, Haryana
6 - 7	2	5.7	Arunachal Pradesh, Himachal Pradesh
7 - 8	0	0	Nil
8 & above	4	11.4	Karnataka, Uttaraanchal, Sikkim, Andaman & Nicobar Islands
Total	35	100.0	

S.No.	State / U.T	No. of households having access to tap water away from the premises			Percentage of households having access to tap water away from the premises		
		Total	Urban	Rural	Total	Urban	Rural
1	Jammu & Kashmir	65,552	12,069	53,483	4.2	3.1	4.6
2	Himachal Pradesh	77,884	5,149	72,735	6.3	3.6	6.6
3	Punjab	42,690	8,779	33,911	1.0	0.6	1.2
4	Chandigarh	4,825	4,439	386	2.4	2.5	1.8
5	Uttaranchal	112,063	11,576	100,487	7.1	3.0	8.4
6	Haryana	171,842	35,398	136,444	4.9	3.3	5.6
7	Delhi	81,748	73,414	8,334	3.2	3.1	4.9
8	Rajasthan	195,181	47,589	147,592	2.1	2.2	2.1
9	Uttar Pradesh	243,015	56,863	186,152	0.9	1.1	0.9
10	Bihar	34,504	18,208	16,296	0.2	1.4	0.1
11	Sikkim	8,155	257	7,898	7.8	2.0	8.6
12	Arunachal Pradesh	13,357	2,881	10,476	6.3	6.0	6.4
13	Nagaland	15,860	1,772	14,088	4.8	2.7	5.3
14	Manipur	21,331	10,489	10,842	5.4	10.4	3.7
15	Mizoram	2,544	1,096	1,448	1.6	1.3	1.8
16	Tripura	24,237	5,792	18,445	3.7	4.7	3.4
17	Meghalaya	15,240	4,821	10,419	3.6	5.3	3.2
18	Assam	70,775	22,208	48,467	1.4	3.1	1.2
19	West Bengal	381,458	223,450	158,008	2.4	4.9	1.4
20	Jharkhand	70,462	54,673	15,789	1.4	5.2	0.4
21	Orissa	94,716	57,416	37,300	1.2	5.3	0.5
22	Chhattisgarh	61,654	41,332	20,322	1.5	5.2	0.6
23	Madhya Pradesh	234,990	161,317	73,673	2.2	5.8	0.9
24	Gujarat	322,060	100,888	221,172	3.3	2.7	3.8
25	Daman & Diu	575	159	416	1.7	1.3	1.9
26	D & N Haveli	453	134	319	1.0	1.2	1.0
27	Maharashtra	547,216	249,704	297,512	2.9	3.1	2.7
28	Andhra Pradesh	955,742	298,710	657,032	5.7	7.2	5.2
29	Karnataka	815,758	269,675	546,083	8.0	7.6	8.2
30	Goa	11,197	5,780	5,417	4.0	4.2	3.8
31	Lakshadweep	4	1	3	0.0	0.0	0.1
32	Kerala	172,421	54,732	117,689	2.6	3.3	2.4
33	Tamil Nadu	602,626	253,146	349,480	4.3	4.3	4.2
34	Pondicherry	6,882	4,205	2,677	3.3	3.1	3.7
35	A & N Islands	5,120	552	4,568	7.0	2.4	9.2
	India	5,484,137	2,098,674	3,385,463	2.9	3.9	2.4

CHAPTER V

Access to Some Source of Drinking Water within the Premises

The number of households having some source of drinking water within the premises in the country as a whole and in various states, as per the Census of India – 2001, may be seen in Table 5. The important findings from this table are given below.

I. All India - Percentage of households having access to some source of drinking water within the premises

Total	:	39.0%
Urban	:	65.4%
Rural	:	28.7%

II. State having the highest percentage of households having access to some source of drinking water within the premises

Total	:	Punjab (85.5%)
Urban	:	Punjab (92%)
Rural	:	Lakshadweep (87.6%)

III. State having the lowest percentage of households having access to some source of drinking water within the premises

Total	:	Manipur (11.9%)
Urban	:	Manipur (24.9%)
Rural	:	Mizoram (5.3%)

IV. States whose percentages are higher than or equivalent to the national average of households having access to some source of drinking water within the premises

Total	Urban	Rural
Punjab (85.5%)	Punjab (92%)	Lakshadweep (87.6%)
Lakshadweep (83.5%)	Sikkim (85.6%)	Punjab (82%)
Chandigarh (77.2%)	Uttaranchal (82.1%)	Chandigarh (69.3%)
Delhi (74.9%)	Kerala (78.9%)	Kerala (69.1%)
Kerala (71.6%)	Chandigarh (78.1%)	Delhi (62.3%)
Goa (61.7%)	A & N Islands (78%)	Goa (54%)
Pondicherry (60.5%)	Lakshadweep (77.9%)	Sikkim (40%)
Maharashtra (53.4%)	Uttar Pradesh (77%)	Pondicherry (39%)
A & N Islands (47.1%)	Haryana (76%)	Maharashtra (38.9%)
Gujarat (46.5%)	Rajasthan (75.8%)	Uttar Pradesh (38.2%)
Uttar Pradesh (46%)	Delhi (75.8%)	Bihar (36.3%)
Sikkim (45.7%)	J & K (74.6%)	Assam (33.6%)
Uttaranchal (44.8%)	Gujarat (73.5%)	Uttaranchal (32.7%)
Haryana (44.5%)	Himachal Pradesh (73.3%)	A & N Islands (32.5%)
Daman & Diu (42.4%)	Maharashtra (73.2%)	Haryana (30.7%)
Bihar (39.6%)	Daman & Diu (72.9%)	Gujarat (29.3%)
	Pondicherry (71.9%)	
	Bihar (70.5%)	
	Goa (69.6%)	

V. States whose percentages are lower than the national average of households having access to some source of drinking water within the premises

Total	Urban	Rural
Manipur (11.9%)	Manipur (24.9%)	Mizoram (5.3%)
D & N Haveli (15.8%)	Mizoram (33.4%)	Manipur (7.5%)
Orissa (19%)	D & N Haveli (37.5%)	D & N Haveli (8.4%)
Chhattisgarh (19%)	Nagaland (44.3%)	Jharkhand (9.7%)
Mizoram (19.6%)	Tamil Nadu (48.2%)	Chhattisgarh (11.9%)
Jharkhand (20%)	Meghalaya (49.3%)	Tamil Nadu (12%)
Meghalaya (20.1%)	Chhattisgarh (49.3%)	Meghalaya (12.1%)

Tripura (21.8%)	Orissa (52.1%)	Tripura (13.6%)
Nagaland (22.9%)	West Bengal (53.4%)	Orissa (13.7%)
Madhya Pradesh (24.6%)	Madhya Pradesh (55.2%)	Madhya Pradesh (14%)
Tamil Nadu (27.1%)	Karnataka (56.5%)	J & K (17.1%)
Andhra Pradesh (31.3%)	Arunachal Pradesh (56.8%)	Nagaland (17.6%)
J & K (31.6%)	Jharkhand (57.2%)	Karnataka (18.5%)
Karnataka (31.7%)	Andhra Pradesh (57.2%)	Rajasthan (19.8%)
West Bengal (32.1%)	Tripura (58.2%)	Andhra Pradesh (22.7%)
Arunachal Pradesh (32.4%)	Assam (63.1%)	West Bengal (23.4%)
Himachal Pradesh (32.6%)		Arunachal Pradesh (25.3%)
Rajasthan (32.9%)		Daman Diu (25.5%)
Assam (37.9%)		Himachal Pradesh (27.3%)

VI. Distribution of states by percentage of households having access to some source of drinking water within the premises

i. Total

Percentage Range	No. of States	Percentage to total	Names of States
Below 20	5	14.3	Manipur, Dadra & Nagar Haveli , Orissa, Chhattisgarh, Mizoram
20 - 30	6	17.1	Jharkhand, Meghalaya, Tripura, Nagaland, Madhya Pradesh, Tamil Nadu
30 - 40	9	25.7	Andhra Pradesh, Jammu & Kashmir, Karnataka, Assam, West Bengal, Arunachal Pradesh, Rajasthan, Himachal Pradesh, Bihar
40 - 50	7	20.0	Daman & Diu, Haryana, Uttaranchal, Sikkim, Uttar Pradesh, Gujarat, Andaman & Nicobar Islands
50 - 60	1	2.9	Maharashtra
60 - 70	2	5.7	Pondicherry, Goa
70 - 80	3	8.6	Kerala, Delhi, Chandigarh
80 & above	2	5.7	Lakshadweep, Punjab
Total	35	100.0	

ii. Urban

Percentage Range	No. of States	Percentage to total	Names of States
Below 30	1	2.9	Manipur
30 - 40	2	5.7	Mizoram, Dadra & Nagar Haveli
40 - 50	4	11.4	Nagaland, Tamil Nadu, Meghalaya, Chhattisgarh
50 - 60	8	22.9	Orissa, West Bengal, Madhya Pradesh, Karnataka, Arunachal Pradesh, Jharkhand, Andhra Pradesh, Tripura
60 - 70	2	5.7	Assam, Goa
70 - 80	15	42.8	Bihar, Pondicherry, Daman & Diu, Kerala, Maharashtra, Himachal Pradesh, Gujarat, Jammu & Kashmir, Delhi, Rajasthan, Haryana, Uttar Pradesh, Lakshadweep, Andaman & Nicobar Islands, Chandigarh,
80 & above	3	8.6	Uttaranchal, Sikkim, Punjab
Total	35	100.0	

iii. Rural

Percentage Range	No. of States	Percentage to total	Names of States
Below 10	4	11.4	Mizoram, Manipur, Dadra & Nagar Haveli, Jharkhand
10 - 20	10	28.6	Chhattisgarh, Tamil Nadu, Meghalaya, Tripura, Orissa, Madhya Pradesh, Jammu & Kashmir, Nagaland, Karnataka, Rajasthan
20 - 30	6	17.1	Andhra Pradesh, West Bengal, Arunachal Pradesh, Daman & Diu, Himachal Pradesh, Gujarat
30 - 40	8	22.8	Haryana, Andaman & Nicobar Islands, Uttaranchal, Assam, Bihar, Uttar Pradesh, Maharashtra, Pondicherry
40 - 50	1	2.9	Sikkim
50 - 60	1	2.9	Goa
60 - 70	3	8.6	Delhi, Kerala, Chandigarh
70 & above	2	5.7	Punjab, Lakshadweep
Total	35	100.0	

S.No.	State / UT	Number of households having some source within the premises			Percentage to total no of households		
		Total	Urban	Rural	Total	Urban	Rural
1	Jammu & Kashmir	490,038	291,439	198,599	31.6	74.6	17.1
2	Himachal Pradesh	404,580	104,926	299,654	32.6	73.3	27.3
3	Punjab	3,646,877	1,371,197	2,275,680	85.5	92.0	82.0
4	Chandigarh	155,773	141,015	14,758	77.2	78.1	69.3
5	Uttaranchal	711,268	320,181	391,087	44.8	82.1	32.7
6	Haryana	1,570,672	817,199	753,473	44.5	76.0	30.7
7	Delhi	1,912,467	1,806,787	105,680	74.9	75.8	62.3
8	Rajasthan	3,075,572	1,656,553	1,419,019	32.9	75.8	19.8
9	Uttar Pradesh	11,838,452	3,982,356	7,856,096	46.0	77.0	38.2
10	Bihar	5,532,997	932,748	4,600,249	39.6	70.5	36.3
11	Sikkim	47,816	11,136	36,680	45.7	85.6	40.0
12	Arunachal Pradesh	68,948	27,351	41,597	32.4	56.8	25.3
13	Nagaland	76,167	29,549	46,618	22.9	44.3	17.6
14	Manipur	47,415	25,264	22,151	11.9	24.9	7.5
15	Mizoram	31,496	27,288	4,208	19.6	33.4	5.3
16	Tripura	144,578	71,181	73,397	21.8	58.2	13.6
17	Meghalaya	84,638	44,609	40,029	20.1	49.3	12.1
18	Assam	1,869,870	451,610	1,418,260	37.9	63.1	33.6
19	West Bengal	5,046,411	2,433,487	2,612,924	32.1	53.4	23.4
20	Jharkhand	973,583	605,903	367,680	20.0	57.2	9.7
21	Orissa	1,494,093	566,334	927,759	19.0	52.1	13.7
22	Chhattisgarh	788,835	388,977	399,858	19.0	49.3	11.9
23	Madhya Pradesh	2,683,472	1,543,834	1,139,638	24.6	55.2	14.0
24	Gujarat	4,488,031	2,763,726	1,724,305	46.5	73.5	29.3
25	Daman & Diu	14,571	8,932	5,639	42.4	72.9	25.5
26	D & N Haveli	6,946	4,191	2,755	15.8	37.5	8.4
27	Maharashtra	10,182,393	5,910,714	4,271,679	53.4	73.2	38.9
28	Andhra Pradesh	5,271,711	2,388,347	2,883,364	31.3	57.2	22.7
29	Karnataka	3,247,501	2,011,306	1,236,195	31.7	56.5	18.5
30	Goa	172,403	96,421	75,982	61.7	69.6	54.0
31	Lakshadweep	7,718	3,029	4,689	83.5	77.9	87.6
32	Kerala	4,720,031	1,304,470	3,415,561	71.6	78.9	69.1
33	Tamil Nadu	3,835,317	2,846,142	989,175	27.1	48.2	12.0
34	Pondicherry	126,223	98,071	28,152	60.5	71.9	39.0
35	A & N Islands	34,406	18,249	16,157	47.1	78.0	32.5
	India	74,803,269	35,104,522	39,698,747	39.0	65.4	28.7

CHAPTER VI

Access to Some Source of Drinking Water near the Premises

The number of households having some source of drinking water near the premises in the country as a whole and in various states, as per the Census of India – 2001, may be seen in Table 6. The important findings from this table are given below.

I. All India - Percentage of households having access to some source of drinking water near the premises

Total	:	44.3%
Urban	:	25.2%
Rural	:	51.8%

II. State having the highest percentage of households having access to some source of drinking water near the premises

Total	:	D & N Haveli (72.9%)
Urban	:	D & N Haveli (59.7%)
Rural	:	D & N Haveli (77.3%)

III. State having the lowest percentage of households having access to some source of drinking water near the premises

Total	:	Lakshadweep (11.1%)
Urban	:	Punjab (6.5%)
Rural	:	Lakshadweep (8.1%)

IV. States whose percentages are higher than or equivalent to the national average of households having access to some source of drinking water near the premises

Total	Urban	Rural
D & N Haveli (72.9%)	D & N Haveli (59.7%)	D & N Haveli (77.3%)
Tamil Nadu (60.8%)	Manipur (52.5%)	Tamil Nadu (74.7%)
Chhattisgarh (60.3%)	Mizoram (47.2%)	Daman & Diu (69.9%)
Manipur (57.3%)	Tamil Nadu (41.3%)	Chhattisgarh (65.8%)
Jharkhand (55.5%)	Chhattisgarh (37.1%)	Jharkhand (63.6%)
Daman & Diu (54.1%)	West Bengal (34.7%)	Manipur (58.9%)
Himachal Pradesh (54%)	Nagaland (34.6%)	Madhya Pradesh (58.6%)
Mizoram (51.9%)	Meghalaya (33.6%)	Himachal Pradesh (58.4%)
Madhya Pradesh (51.2%)	Tripura (32%)	Mizoram (56.8%)
Meghalaya (50.8%)	Arunachal Pradesh (31.8%)	Pondicherry (56.3%)
Tripura (50.7%)	Karnataka (29.6%)	West Bengal (56.1%)
Orissa (50.2%)	Madhya Pradesh (29.4%)	Meghalaya (55.6%)
West Bengal (49.9%)	Andhra Pradesh (29.3%)	Karnataka (55.4%)
Arunachal Pradesh (49.7%)	Orissa (27.1%)	Andhra Pradesh (55.3%)
Andhra Pradesh (48.9%)	Assam (26.3%)	Tripura (55%)
Bihar (48.2%)	Jharkhand (26.1%)	Arunachal Pradesh (54.9%)
Karnataka (46.4%)	Daman & Diu (25.7%)	Orissa (53.9%)
Nagaland (46.1%)		

V. States whose percentages are lower than the national average of households having access to some source of drinking water near the premises

Total	Urban	Rural
Lakshadweep (11.1%)	Punjab (6.5%)	Lakshadweep (8.1%)
Punjab (11.3%)	Sikkim (11.6%)	Punjab (13.8%)
Kerala (16.5%)	Uttaranchal (12.7%)	Kerala (17.4%)
Delhi (18.1%)	Kerala (13.6%)	Delhi (20.6%)
Chandigarh (19.7%)	Lakshadweep (15.2%)	Chandigarh (27.8%)
Goa (27.1%)	Rajasthan (16%)	Goa (31.7%)
Maharashtra (34.3%)	Haryana (16.5%)	Sikkim (39.1%)
Haryana (34.7%)	Uttar Pradesh (17.6%)	Assam (41.9%)

Pondicherry (35.4%)	Delhi (18%)	Haryana (42.7%)
Sikkim (35.7%)	Chandigarh (18.7%)	Maharashtra (43.9%)
Gujarat (38.3%)	A & N Islands (18.7%)	Uttaranchal (46.9%)
Uttaranchal (38.5%)	J & K (19.2%)	A & N islands (48.5%)
A & N Islands (39%)	Gujarat (20%)	Nagaland (49%)
Assam (39.7%)	Himachal Pradesh (20.4%)	Gujarat (49.9%)
J & K (42.9%)	Bihar (20.9%)	Uttar Pradesh (50.6%)
Rajasthan (43.3%)	Maharashtra (21.1%)	J & K (50.9%)
Uttar Pradesh (44%)	Goa (22.4%)	Bihar (51.1%)
	Pondicherry (24.3%)	Rajasthan (51.6%)

VI. Distribution of states by percentage of households having access to some source of drinking water near the premises

i. Total

Percentage Range	No. of States	Percentage to total	Names of States
Below 15	2	5.7	Lakshadweep, Punjab
15 - 25	3	8.6	Kerala, Delhi, Chandigarh
25 - 35	3	8.6	Goa, Maharashtra, Haryana
35 - 45	9	25.7	Pondicherry, Sikkim, Gujarat, Uttaranchal, Andaman & Nicobar Islands, Assam, Jammu & Kashmir, Rajasthan, Uttar Pradesh
45 - 55	13	37.1	Nagaland, Karnataka, Bihar, Andhra Pradesh, Arunachal Pradesh, West Bengal, Orissa, Tripura, Meghalaya, Madhya Pradesh, Mizoram, Himachal Pradesh, Daman & Diu
55 - 65	4	11.4	Jharkhand, Manipur, Chhattisgarh, Tamil Nadu
65 above	1	2.9	Dadra & Nagar Haveli
Total	35	100.0	

ii. Urban

Percentage Range	No. of States	Percentage to total	Names of States
Below 15	4	11.4	Punjab, Sikkim, Uttaranchal, Kerala
15 - 25	14	40.0	Lakshadweep, Rajasthan, Haryana, Uttar Pradesh, Delhi, Chandigarh, Andaman & Nicobar Islands, Jammu & Kashmir, Gujarat, Himachal Pradesh, Bihar, Maharashtra, Goa, Pondicherry
25 - 35	12	34.3	Daman & Diu, Jharkhand, Assam, Orissa, Andhra Pradesh, Madhya Pradesh, Karnataka, Arunachal Pradesh, Tripura, Meghalaya, Nagaland, West Bengal
35 - 45	2	5.7	Chhattisgarh, Tamil nadu
45 - 55	2	5.7	Mizoram, Manipur
55 & above	1	2.9	Dadra & Nagar Haveli
Total	35	100.0	

iii. Rural

Percentage Range	No. of States	Percentage to total	Names of States
Below 15	2	5.7	Lakshadweep, Punjab
15 - 25	2	5.7	Kerala, Delhi
25 - 35	2	5.7	Chandigarh, Goa
35 - 45	4	11.4	Sikkim, Assam, Haryana, Maharashtra
45 - 55	10	28.6	Uttaranchal, Andaman & Nicobar Islands, Nagaland, Gujarat, Uttar Pradesh, Jammu & Kashmir, Bihar, Rajasthan, Orissa, Arunachal Pradesh
55 - 65	11	31.4	Tripura, Andhra Pradesh, Karnataka, Meghalaya, West Bengal, Pondicherry, Mizoram, Himachal Pradesh, Madhya Pradesh, Manipur, Jharkhand
65 & above	4	11.4	Chhattisgarh, Daman & Diu, Tamil Nadu, D & N Haveli
Total	35	100.0	

S.No.	State / UT	No of households having some source near the premises			Percentage to total no. of households		
		Total	Urban	Rural	Total	Urban	Rural
1	Jammu & Kashmir	666,375	75,130	591,245	42.9	19.2	50.9
2	Himachal Pradesh	670,354	29,152	641,202	54.0	20.4	58.4
3	Punjab	480,551	96,822	383,729	11.3	6.5	13.8
4	Chandigarh	39,718	33,799	5,919	19.7	18.7	27.8
5	Uttaranchal	610,027	49,539	560,488	38.5	12.7	46.9
6	Haryana	1,225,860	177,871	1,047,989	34.7	16.5	42.7
7	Delhi	463,024	428,124	34,900	18.1	18.0	20.6
8	Rajasthan	4,043,387	350,307	3,693,080	43.3	16.0	51.6
9	Uttar Pradesh	11,327,451	909,781	10,417,670	44.0	17.6	50.6
10	Bihar	6,744,503	276,561	6,467,942	48.2	20.9	51.1
11	Sikkim	37,411	1,509	35,902	35.7	11.6	39.1
12	Arunachal Pradesh	105,625	15,279	90,346	49.7	31.8	54.9
13	Nagaland	153,045	23,087	129,958	46.1	34.6	49.0
14	Manipur	227,838	53,159	174,679	57.3	52.5	58.9
15	Mizoram	83,561	38,502	45,059	51.9	47.2	56.8
16	Tripura	335,829	39,091	296,738	50.7	32.0	55.0
17	Meghalaya	213,627	30,457	183,170	50.8	33.6	55.6
18	Assam	1,957,608	188,202	1,769,406	39.7	26.3	41.9
19	West Bengal	7,845,799	1,578,790	6,267,009	49.9	34.7	56.1
20	Jharkhand	2,696,794	276,931	2,419,863	55.5	26.1	63.6
21	Orissa	3,952,297	294,153	3,658,144	50.2	27.1	53.9
22	Chhattisgarh	2,501,821	292,543	2,209,278	60.3	37.1	65.8
23	Madhya Pradesh	5,587,538	822,822	4,764,716	51.2	29.4	58.6
24	Gujarat	3,689,470	750,418	2,939,052	38.3	20.0	49.9
25	Daman & Diu	18,593	3,147	15,446	54.1	25.7	69.9
26	D & N Haveli	32,043	6,686	25,357	72.9	59.7	77.3
27	Maharashtra	6,529,878	1,701,916	4,827,962	34.3	21.1	43.9
28	Andhra Pradesh	8,238,138	1,222,047	7,016,091	48.9	29.3	55.3
29	Karnataka	4,749,343	1,053,600	3,695,743	46.4	29.6	55.4
30	Goa	75,691	31,026	44,665	27.1	22.4	31.7
31	Lakshadweep	1,023	590	433	11.1	15.2	8.1
32	Kerala	1,085,260	225,463	859,797	16.5	13.6	17.4
33	Tamil Nadu	8,620,471	2,437,422	6,183,049	60.8	41.3	74.7
34	Pondicherry	73,852	33,226	40,626	35.4	24.3	56.3
35	A & N Islands	28,465	4,386	24,079	39.0	18.7	48.5
India		85,112,270	13,551,538	71,560,732	44.3	25.2	51.8

CHAPTER VII

Access to Drinking Water away from the Premises

The number of households having access to some source of drinking water away from the premises in the country as a whole and in various states, as per the Census of India – 2001, may be seen in Table 7. The important findings from this table are given below.

I. All India - Percentage of households not having any source of drinking water either within or near the premises

Total	:	16.7%
Urban	:	9.4%
Rural	:	19.5%

II. State having the highest percentage of households not having any source of drinking water either within or near the premises

Total	:	Nagaland (31%)
Urban	:	Manipur (22.6%)
Rural	:	Mizoram (37.9%)

III. State having the lowest percentage of households not having any source of drinking water either within or near the premises

Total	:	Chandigarh (3.2%)
Urban	:	Daman & Diu (1.4%)
Rural	:	Chandigarh (2.9%)

IV. States whose percentages are higher than or equivalent to the national average of households not having any source of drinking water either within or near the premises

Total	Urban	Rural
Nagaland (31%)	Manipur (22.6%)	Mizoram (37.9%)
Orissa (30.8%)	Nagaland (21.1%)	Manipur (33.6%)
Manipur (30.8%)	Orissa (20.9%)	Nagaland (33.5%)
Meghalaya (29%)	Mizoram (19.4%)	Orissa (32.4%)
Mizoram (28.5%)	Meghalaya (17.1%)	Meghalaya (32.3%)
Tripura (27.4%)	Jharkhand (16.7%)	Jammu & Kashmir (32%)
Jammu & Kashmir (25.5%)	Madhya Pradesh (15.3%)	Tripura (31.4%)
Jharkhand (24.5%)	Karnataka (13.8%)	Rajasthan (28.6%)
Madhya Pradesh (24.3%)	Chhattisgarh (13.7%)	Madhya Pradesh (27.3%)
Rajasthan (23.8%)	Andhra Pradesh (13.5%)	Jharkhand (26.7%)
Assam (22.4%)	West Bengal (11.9%)	Haryana (26.6%)
Karnataka (21.8%)	Arunachal Pradesh(11.4%)	Karnataka (26.1%)
Haryana (20.8%)	Assam (10.5%)	Assam (24.5%)
Chhattisgarh (20.7%)	Tamil Nadu (10.4%)	Chhattisgarh (22.3%)
Andhra Pradesh (19.8%)	Tripura (9.9%)	Andhra Pradesh (21.9%)
Sikkim (18.6%)		Sikkim (20.9%)
West Bengal (18%)		Gujarat (20.8%)
Arunachal Pradesh(17.9%)		Uttaranchal (20.4%)
		West Bengal (20.4%)
		Arunachal Pradesh(19.8%)

V. States whose percentages are lower than the national average of households not having any source of drinking water either within or near the premises

Total	Urban	Rural
Chandigarh (3.2%)	Daman & Diu (1.4%)	Chandigarh (2.9%)
Punjab (3.2%)	Punjab (1.5%)	Punjab (4.2%)
Daman & Diu (3.4%)	D & N Haveli (2.8%)	Lakshadweep (4.3%)
Pondicherry (4.1%)	Sikkim (2.8%)	Daman & Diu (4.6%)
Lakshadweep (5.4%)	Chandigarh (3.2%)	Pondicherry (4.7%)
Delhi (7%)	A & N Islands (3.3%)	Uttar Pradesh (11.2%)
Uttar Pradesh (10.1%)	Pondicherry (3.8%)	Bihar (12.6%)

Goa (11.1%)	Uttaranchal (5.2%)	Tamil Nadu (13.3%)
D & N Haveli (11.3%)	Uttar Pradesh (5.4%)	Kerala (13.5%)
Kerala (12%)	Maharashtra (5.7%)	D & N Haveli (14.2%)
Tamil Nadu (12.1%)	Jammu & Kashmir (6.1%)	Himachal Pradesh (14.3%)
Bihar (12.2%)	Delhi (6.3%)	Goa (14.3%)
Maharashtra (12.3%)	Himachal Pradesh (6.3%)	Delhi (17.1%)
Himachal Pradesh (13.4%)	Gujarat (6.5%)	Maharashtra (17.2%)
A & N Islands (13.9%)	Lakshadweep (6.9%)	A & N islands (19%)
Gujarat (15.2%)	Kerala (7.4%)	
Uttaranchal (16.7%)	Haryana (7.5%)	
	Goa (8%)	
	Rajasthan (8.2%)	
	Bihar (8.6%)	

VI. Distribution of states by percentage of households not having any source of drinking water either within or near the premises

i. Total

Percentage Range	No. of States	Percentage to total	Names of States
Below 5	4	11.4	Chandigarh, Punjab, Daman & Diu, Pondicherry
5 - 10	2	5.7	Lakshadweep, Delhi
10 - 15	9	27.7	Uttar Pradesh, Goa, Dadra & Nagar Haveli, Kerala, Tamil Nadu, Bihar, Maharashtra, Himachal Pradesh, Andaman & Nicobar Islands
15 - 20	6	17.1	Gujarat, Uttaranchal, Arunachal Pradesh, West Bengal, Sikkim, Andhra Pradesh
20 - 25	7	20.0	Chhattisgarh, Haryana, Karnataka, Assam, Rajasthan, Madhya Pradesh, Jharkhand
25 - 30	4	11.4	Jammu & Kashmir, Tripura, Mizoram, Meghalaya
30 & above	3	8.6	Manipur, Orissa, Nagaland
Total	35	100.0	

ii. Urban

Percentage Range	No. of States	Percentage to total	Names of States
Below 5	7	20.0	Daman & Diu, Punjab, Dadra & Nagar Haveli, Sikkim, Chandigarh, Andaman & Nicobar Islands, Pondicherry
5 - 10	14	40.0	Uttaranchal, Uttar Pradesh., Maharashtra, Jammu & Kashmir, Delhi, Himachal Pradesh, Gujarat, Lakshadweep, Kerala, Haryana, Goa, Rajasthan, Bihar, Tripura
10 - 15	7	20.0	Tamil Nadu, Assam, Arunachal Pradesh, West Bengal, Andhra Pradesh, Chhattisgarh, Karnataka
15 - 20	4	11.4	Madhya Pradesh, Jharkhand, Meghalaya, Mizoram
20 & above	3	8.6	Orissa, Nagaland, Manipur
Total	35	100.0	

iii. Rural

Percentage Range	No. of States	Percentage to total	Names of States
Below 10	5	14.3	Chandigarh, Punjab, Lakshadweep, Daman & Diu, Pondicherry
10 - 15	7	20.0	Uttar Pradesh, Bihar, Tamil Nadu, Kerala, Dadra & Nagar Haveli, Himachal Pradesh, Goa
15 - 20	4	11.4	Delhi, Maharashtra, Andaman & Nicobar Islands, Arunachal Pradesh
20 - 25	7	20.0	West Bengal, Uttaranchal, Gujarat, Sikkim, Andhra Pradesh, Chhattisgarh, Assam
25 - 30	5	14.3	Karnataka, Haryana, Jharkhand, Madhya Pradesh, Rajasthan
30 - 35	6	17.1	Tripura, Jammu & Kashmir, Meghalaya, Orissa, Nagaland, Manipur
35 & above	1	2.9	Mizoram
Total	35	100.0	

S.No.	State / UT	No. of households not having any source of drinking water either within or near the premises			Percentage of households not having any source of drinking water either within or near the premises		
		Total	Urban	Rural	Total	Urban	Rural
1	Jammu & Kashmir	395,355	23,842	371,513	25.5	6.1	32.0
2	Himachal Pradesh	165,699	9,035	156,664	13.4	6.3	14.3
3	Punjab	137,728	21,675	116,053	3.2	1.5	4.2
4	Chandigarh	6,387	5,762	625	3.2	3.2	2.9
5	Uttaranchal	265,026	20,444	244,582	16.7	5.2	20.4
6	Haryana	733,110	80,109	653,001	20.8	7.5	26.6
7	Delhi	178,658	149,710	28,948	7.0	6.3	17.1
8	Rajasthan	2,223,335	178,731	2,044,604	23.8	8.2	28.6
9	Uttar Pradesh	2,594,698	278,390	2,316,308	10.1	5.4	11.2
10	Bihar	1,705,090	113,274	1,591,816	12.2	8.6	12.6
11	Sikkim	19,511	370	19,141	18.6	2.8	20.9
12	Arunachal Pradesh	38,042	5,484	32,558	17.9	11.4	19.8
13	Nagaland	102,838	14,080	88,758	31.0	21.1	33.5
14	Manipur	122,403	22,879	99,524	30.8	22.6	33.6
15	Mizoram	45,909	15,814	30,095	28.5	19.4	37.9
16	Tripura	181,616	12,071	169,545	27.4	9.9	31.4
17	Meghalaya	121,981	15,502	106,479	29.0	17.1	32.3
18	Assam	1,107,880	75,373	1,032,507	22.4	10.5	24.5
19	West Bengal	2,823,705	541,768	2,281,937	18.0	11.9	20.4
20	Jharkhand	1,192,213	177,344	1,014,869	24.5	16.7	26.7
21	Orissa	2,423,737	226,761	2,196,976	30.8	20.9	32.4
22	Chhattisgarh	857,862	107,920	749,942	20.7	13.7	22.3
23	Madhya Pradesh	2,648,643	428,202	2,220,441	24.3	15.3	27.3
24	Gujarat	1,466,488	243,884	1,222,604	15.2	6.5	20.8
25	Daman & Diu	1,178	172	1,006	3.4	1.4	4.6
26	D & N Haveli	4,984	313	4,671	11.3	2.8	14.2
27	Maharashtra	2,350,878	456,896	1,893,982	12.3	5.7	17.2
28	Andhra Pradesh	3,340,008	563,245	2,776,763	19.8	13.5	21.9
29	Karnataka	2,235,289	492,054	1,743,235	21.8	13.8	26.1
30	Goa	31,122	11,014	20,108	11.1	8.0	14.3
31	Lakshadweep	499	270	229	5.4	6.9	4.3
32	Kerala	789,915	122,723	667,192	12.0	7.4	13.5
33	Tamil Nadu	1,717,838	615,272	1,102,566	12.1	10.4	13.3
34	Pondicherry	8,580	5,159	3,421	4.1	3.8	4.7
35	A & N Islands	10,191	774	9,417	13.9	3.3	19.0
	India	32,048,396	5,036,316	27,012,080	16.7	9.4	19.5

APPENDIX				
Number of households - 2001				
S.No.	State / U.T	Number of Households		
		Total	Rural	Urban
1	Jammu & Kashmir	1,551,768	1,161,357	390,411
2	Himachal Pradesh	1,240,633	1,097,520	143,113
3	Punjab	4,265,156	2,775,462	1,489,694
4	Chandigarh	201,878	21,302	180,576
5	Uttaranchal	1,586,321	1,196,157	390,164
6	Haryana	3,529,642	2,454,463	1,075,179
7	Delhi	2,554,149	169,528	2,384,621
8	Rajasthan	9,342,294	7,156,703	2,185,591
9	Uttar Pradesh	25,760,601	20,590,074	5,170,527
10	Bihar	13,982,590	12,660,007	1,322,583
11	Sikkim	104,738	91,723	13,015
12	Arunachal Pradesh	212,615	164,501	48,114
13	Nagaland	332,050	265,334	66,716
14	Manipur	397,656	296,354	101,302
15	Mizoram	160,966	79,362	81,604
16	Tripura	662,023	539,680	122,343
17	Meghalaya	420,246	329,678	90,568
18	Assam	4,935,358	4,220,173	715,185
19	West Bengal	15,715,915	11,161,870	4,554,045
20	Jharkhand	4,862,590	3,802,412	1,060,178
21	Orissa	7,870,127	6,782,879	1,087,248
22	Chhattisgarh	4,148,518	3,359,078	789,440
23	Madhya Pradesh	10,919,653	8,124,795	2,794,858
24	Gujarat	9,643,989	5,885,961	3,758,028
25	Daman & Diu	34,342	22,091	12,251
26	D & N Haveli	43,973	32,783	11,190
27	Maharashtra	19,063,149	10,993,623	8,069,526
28	Andhra Pradesh	16,849,857	12,676,218	4,173,639
29	Karnataka	10,232,133	6,675,173	3,556,960
30	Goa	279,216	140,755	138,461
31	Lakshadweep	9,240	5,351	3,889
32	Kerala	6,595,206	4,942,550	1,652,656
33	Tamil Nadu	14,173,626	8,274,790	5,898,836
34	Pondicherry	208,655	72,199	136,456
35	A & N Islands	73,062	49,653	23,409
India		191,963,935	138,271,559	53,692,376
<i>Source : Census of India,2001 – "Tables on Houses, Household Amenities and Assets" (on CD)</i>				

Table 1 : Access to tap water - 2001							
S.No.	State / U.T	No.of households having access to tap water			%age of households having access to tap water		
		Total	Urban	Rural	Total	Urban	Rural
1	Jammu & Kashmir	8,14,366	3,41,691	4,72,675	52.5	87.5	40.7
2	Himachal Pradesh	10,43,730	1,34,349	9,09,381	84.1	93.9	82.9
3	Punjab	14,33,435	9,95,301	4,38,134	33.6	66.8	15.8
4	Chandigarh	1,85,426	1,67,312	18,114	91.9	92.7	85.0
5	Uttaranchal	10,45,276	3,21,040	7,24,236	65.9	82.3	60.5
6	Haryana	16,99,137	7,70,634	9,28,503	48.1	71.7	37.8
7	Delhi	19,24,140	18,36,723	87,417	75.3	77.0	51.6
8	Rajasthan	32,95,027	17,51,159	15,43,868	35.3	80.1	21.6
9	Uttar Pradesh	61,05,512	28,19,597	32,85,915	23.7	54.5	16.0
10	Bihar	5,22,909	3,48,632	1,74,277	3.7	26.4	1.4
11	Sikkim	73,640	12,615	61,025	70.3	96.9	66.5
12	Arunachal Pradesh	1,44,168	39,978	1,04,190	67.8	83.1	63.3
13	Nagaland	1,39,360	21,905	1,17,455	42.0	32.8	44.3
14	Manipur	1,16,413	55,450	60,963	29.3	54.7	20.6
15	Mizoram	51,386	36,034	15,352	31.9	44.2	19.3
16	Tripura	1,62,801	65,282	97,519	24.6	53.4	18.1
17	Meghalaya	1,45,096	64,557	80,539	34.5	71.3	24.4
18	Assam	4,54,292	2,24,685	2,29,607	9.2	31.4	5.4
19	West Bengal	33,63,802	25,80,285	7,83,517	21.4	56.7	7.0
20	Jharkhand	6,10,528	5,08,849	1,01,679	12.6	48.0	2.7
21	Orissa	6,87,284	4,99,114	1,88,170	8.7	45.9	2.8
22	Chhattisgarh	6,42,619	4,73,730	1,68,889	15.5	60.0	5.0
23	Madhya Pradesh	27,63,309	18,97,937	8,65,372	25.3	67.9	10.7
24	Gujarat	60,09,503	31,20,183	28,89,320	62.3	83.0	49.1
25	Daman & Diu	25,039	11,169	13,870	72.9	91.2	62.8
26	D & N Haveli	12,412	4,166	8,246	28.2	37.2	25.2
27	Maharashtra	1,22,03,492	71,96,763	50,06,729	64.0	89.2	45.5
28	Andhra Pradesh	81,05,960	30,01,284	51,04,676	48.1	71.9	40.3
29	Karnataka	60,25,364	27,89,547	32,35,817	58.9	78.4	48.5
30	Goa	1,92,659	1,12,174	80,485	69.0	81.0	57.2
31	Lakshadweep	283	45	238	3.1	1.2	4.4
32	Kerala	13,45,646	6,58,949	6,86,697	20.4	39.9	13.9
33	Tamil Nadu	88,62,863	38,57,966	50,04,897	62.5	65.4	60.5
34	Pondicherry	1,86,241	1,23,187	63,054	89.3	90.3	87.3
35	A & N Islands	55,709	22,780	32,929	76.2	97.3	66.3
INDIA		7,04,48,827	3,68,65,072	3,35,83,755	36.7	68.7	24.3
Source : Census of India, 2001 : "Tables on Houses, Household Amenities and Assets" (on CD)							

Table 2							
Access to Tap Water within the premises							
S.No.	State / U.T	No. of households having access to tapped water within the premises			% of households having access to tapped water within the premises to total number of households		
		Total	Urban	Rural	Total	Urban	Rural
1	Jammu & Kashmir	3,83,585	2,72,150	1,11,435	24.7	69.7	9.6
2	Himachal Pradesh	3,86,486	1,03,437	2,83,049	31.2	72.3	25.8
3	Punjab	12,20,811	9,45,021	2,75,790	28.6	63.4	9.9
4	Chandigarh	1,53,254	1,39,660	13,594	75.9	77.3	63.8
5	Uttaranchal	5,05,757	2,73,809	2,31,948	31.9	70.2	19.4
6	Haryana	9,33,211	6,32,768	3,00,443	26.4	58.9	12.2
7	Delhi	15,72,370	15,06,861	65,509	61.6	63.2	38.6
8	Rajasthan	24,80,208	15,30,418	9,49,790	26.5	70.0	13.3
9	Uttar Pradesh	45,26,572	24,87,855	20,38,717	17.6	48.1	9.9
10	Bihar	3,74,768	2,86,705	88,063	2.7	21.7	0.7
11	Sikkim	47,223	11,115	36,108	45.1	85.4	39.4
12	Arunachal Pradesh	57,211	25,074	32,137	26.9	52.1	19.5
13	Nagaland	43,855	13,502	30,353	13.2	20.2	11.4
14	Manipur	31,174	20,408	10,766	7.8	20.1	3.6
15	Mizoram	26,656	24,513	2,143	16.6	30.0	2.7
16	Tripura	53,640	37,074	16,566	8.1	30.3	3.1
17	Meghalaya	54,658	39,788	14,870	13.0	43.9	4.5
18	Assam	2,04,934	1,58,421	46,513	4.2	22.2	1.1
19	West Bengal	16,96,099	15,47,220	1,48,879	10.8	34.0	1.3
20	Jharkhand	4,01,474	3,59,891	41,583	8.3	33.9	1.1
21	Orissa	3,86,425	3,36,173	50,252	4.9	30.9	0.7
22	Chhattisgarh	3,34,318	2,75,245	59,073	8.1	34.9	1.8
23	Madhya Pradesh	16,36,469	12,27,604	4,08,865	15.0	43.9	5.0
24	Gujarat	40,69,970	25,27,113	15,42,857	42.2	67.2	26.2
25	Daman & Diu	13,131	8,239	4,892	38.2	67.3	22.1
26	D & N Haveli	4,856	2,820	2,036	11.0	25.2	6.2
27	Maharashtra	86,28,031	55,81,028	30,47,003	45.3	69.2	27.7
28	Andhra Pradesh	34,65,131	18,46,733	16,18,398	20.6	44.2	12.8
29	Karnataka	24,68,101	17,17,682	7,50,419	24.1	48.3	11.2
30	Goa	1,39,936	86,051	53,885	50.1	62.1	38.3
31	Lakshadweep	180	42	138	1.9	1.1	2.6
32	Kerala	8,56,123	4,85,101	3,71,022	13.0	29.4	7.5
33	Tamil Nadu	26,63,884	20,59,430	6,04,454	18.8	34.9	7.3
34	Pondicherry	1,13,848	89,377	24,471	54.6	65.5	33.9
35	A & N Islands	31,736	18,112	13,624	43.4	77.4	27.4
	India	3,99,66,085	2,66,76,440	1,32,89,645	20.8	49.7	9.6

Source : Census of India, 2001 : "Tables on Houses, Household Amenities and Assets" (on CD)

Table 3							
Access to Tap Water near the premises							
S.No.	State / U.T	No. of households having access to tap water near the premises			Percentage of households having access to tap water near the premises		
		Total	Urban	Rural	Total	Urban	Rural
1	Jammu & Kashmir	3,65,229	57,472	3,07,757	23.5	14.7	26.5
2	Himachal Pradesh	5,79,360	25,763	5,53,597	46.7	18.0	50.4
3	Punjab	1,69,934	41,501	1,28,433	4.0	2.8	4.6
4	Chandigarh	27,347	23,213	4,134	13.5	12.9	19.4
5	Uttaranchal	4,27,456	35,655	3,91,801	26.9	9.1	32.8
6	Haryana	5,94,084	1,02,468	4,91,616	16.8	9.5	20.0
7	Delhi	2,70,022	2,56,448	13,574	10.6	10.8	8.0
8	Rajasthan	6,19,638	1,73,152	4,46,486	6.6	7.9	6.2
9	Uttar Pradesh	13,35,925	2,74,879	10,61,046	5.2	5.3	5.2
10	Bihar	1,13,637	43,719	69,918	0.8	3.3	0.6
11	Sikkim	18,262	1,243	17,019	17.4	9.6	18.6
12	Arunachal Pradesh	73,600	12,023	61,577	34.6	25.0	37.4
13	Nagaland	79,645	6,631	73,014	24.0	9.9	27.5
14	Manipur	63,908	24,553	39,355	16.1	24.2	13.3
15	Mizoram	22,186	10,425	11,761	13.8	12.8	14.8
16	Tripura	84,924	22,416	62,508	12.8	18.3	11.6
17	Meghalaya	75,198	19,948	55,250	17.9	22.0	16.8
18	Assam	1,78,583	44,056	1,34,527	3.6	6.2	3.2
19	West Bengal	12,86,245	8,09,615	4,76,630	8.2	17.8	4.3
20	Jharkhand	1,38,592	94,285	44,307	2.9	8.9	1.2
21	Orissa	2,06,143	1,05,525	1,00,618	2.6	9.7	1.5
22	Chhattisgarh	2,46,647	1,57,153	89,494	5.9	19.9	2.7
23	Madhya Pradesh	8,91,850	5,09,016	3,82,834	8.2	18.2	4.7
24	Gujarat	16,17,473	4,92,182	11,25,291	16.8	13.1	19.1
25	Daman & Diu	11,333	2,771	8,562	33.0	22.6	38.8
26	D & N Haveli	7,103	1,212	5,891	16.2	10.8	18.0
27	Maharashtra	30,28,245	13,66,031	16,62,214	15.9	16.9	15.1
28	Andhra Pradesh	36,85,087	8,55,841	28,29,246	21.9	20.5	22.3
29	Karnataka	27,41,505	8,02,190	19,39,315	26.8	22.6	29.1
30	Goa	41,526	20,343	21,183	14.9	14.7	15.0
31	Lakshadweep	99	2	97	1.1	0.1	1.8
32	Kerala	3,17,102	1,19,116	1,97,986	4.8	7.2	4.0
33	Tamil Nadu	55,96,353	15,45,390	40,50,963	39.5	26.2	49.0
34	Pondicherry	65,511	29,605	35,906	31.4	21.7	49.7
35	A & N Islands	18,853	4,116	14,737	25.8	17.6	29.7
	INDIA	2,49,98,605	80,89,958	1,69,08,647	13.0	15.1	12.2

Source : Census of India, 2001 : "Tables on Houses, Household Amenities and Assets" (on CD)

Table 4 : Access to tapped drinking water as a source within the premises							
S.No.	State / U.T	No. of households having access to tapped water within the premises			%age of households having access to tapped water within the premises to total number of households		
		Total	Urban	Rural	Total	Urban	Rural
1	Jammu & Kashmir	3,83,585	2,72,150	1,11,435	24.7	69.7	9.6
2	Himachal Pradesh	3,86,486	1,03,437	2,83,049	31.2	72.3	25.8
3	Punjab	12,20,811	9,45,021	2,75,790	28.6	63.4	9.9
4	Chandigarh	1,53,254	1,39,660	13,594	75.9	77.3	63.8
5	Uttaranchal	5,05,757	2,73,809	2,31,948	31.9	70.2	19.4
6	Haryana	9,33,211	6,32,768	3,00,443	26.4	58.9	12.2
7	Delhi	15,72,370	15,06,861	65,509	61.6	63.2	38.6
8	Rajasthan	24,80,208	15,30,418	9,49,790	26.5	70.0	13.3
9	Uttar Pradesh	45,26,572	24,87,855	20,38,717	17.6	48.1	9.9
10	Bihar	3,74,768	2,86,705	88,063	2.7	21.7	0.7
11	Sikkim	47,223	11,115	36,108	45.1	85.4	39.4
12	Arunachal Pradesh	57,211	25,074	32,137	26.9	52.1	19.5
13	Nagaland	43,855	13,502	30,353	13.2	20.2	11.4
14	Manipur	31,174	20,408	10,766	7.8	20.1	3.6
15	Mizoram	26,656	24,513	2,143	16.6	30.0	2.7
16	Tripura	53,640	37,074	16,566	8.1	30.3	3.1
17	Meghalaya	54,658	39,788	14,870	13.0	43.9	4.5
18	Assam	2,04,934	1,58,421	46,513	4.2	22.2	1.1
19	West Bengal	16,96,099	15,47,220	1,48,879	10.8	34.0	1.3
20	Jharkhand	4,01,474	3,59,891	41,583	8.3	33.9	1.1
21	Orissa	3,86,425	3,36,173	50,252	4.9	30.9	0.7
22	Chhattisgarh	3,34,318	2,75,245	59,073	8.1	34.9	1.8
23	Madhya Pradesh	16,36,469	12,27,604	4,08,865	15.0	43.9	5.0
24	Gujarat	40,69,970	25,27,113	15,42,857	42.2	67.2	26.2
25	Daman & Diu	13,131	8,239	4,892	38.2	67.3	22.1
26	D & N Haveli	4,856	2,820	2,036	11.0	25.2	6.2
27	Maharashtra	86,28,031	55,81,028	30,47,003	45.3	69.2	27.7
28	Andhra Pradesh	34,65,131	18,46,733	16,18,398	20.6	44.2	12.8
29	Karnataka	24,68,101	17,17,682	7,50,419	24.1	48.3	11.2
30	Goa	1,39,936	86,051	53,885	50.1	62.1	38.3
31	Lakshadweep	180	42	138	1.9	1.1	2.6
32	Kerala	8,56,123	4,85,101	3,71,022	13.0	29.4	7.5
33	Tamil Nadu	26,63,884	20,59,430	6,04,454	18.8	34.9	7.3
34	Pondicherry	1,13,848	89,377	24,471	54.6	65.5	33.9
35	A & N Islands	31,736	18,112	13,624	43.4	77.4	27.4
	India	3,99,66,085	2,66,76,440	1,32,89,645	20.8	49.7	9.6

Source : Census of India, 2001 : "Tables on Houses, Household Amenities and Assets" (on CD)

Table 6
Access to some source of drinking water near the premises

S.No.	State / UT	No of households having some source near the premises			Percentage to total no. of households		
		Total	Urban	Rural	Total	Urban	Rural
1	Jammu & Kashmir	6,66,375	75,130	5,91,245	42.9	19.2	50.9
2	Himachal Pradesh	6,70,354	29,152	6,41,202	54.0	20.4	58.4
3	Punjab	4,80,551	96,822	3,83,729	11.3	6.5	13.8
4	Chandigarh	39,718	33,799	5,919	19.7	18.7	27.8
5	Uttaranchal	6,10,027	49,539	5,60,488	38.5	12.7	46.9
6	Haryana	12,25,860	1,77,871	10,47,989	34.7	16.5	42.7
7	Delhi	4,63,024	4,28,124	34,900	18.1	18.0	20.6
8	Rajasthan	40,43,387	3,50,307	36,93,080	43.3	16.0	51.6
9	Uttar Pradesh	1,13,27,451	9,09,781	1,04,17,670	44.0	17.6	50.6
10	Bihar	67,44,503	2,76,561	64,67,942	48.2	20.9	51.1
11	Sikkim	37,411	1,509	35,902	35.7	11.6	39.1
12	Arunachal Pradesh	1,05,625	15,279	90,346	49.7	31.8	54.9
13	Nagaland	1,53,045	23,087	1,29,958	46.1	34.6	49.0
14	Manipur	2,27,838	53,159	1,74,679	57.3	52.5	58.9
15	Mizoram	83,561	38,502	45,059	51.9	47.2	56.8
16	Tripura	3,35,829	39,091	2,96,738	50.7	32.0	55.0
17	Meghalaya	2,13,627	30,457	1,83,170	50.8	33.6	55.6
18	Assam	19,57,608	1,88,202	17,69,406	39.7	26.3	41.9
19	West Bengal	78,45,799	15,78,790	62,67,009	49.9	34.7	56.1
20	Jharkhand	26,96,794	2,76,931	24,19,863	55.5	26.1	63.6
21	Orissa	39,52,297	2,94,153	36,58,144	50.2	27.1	53.9
22	Chhattisgarh	25,01,821	2,92,543	22,09,278	60.3	37.1	65.8
23	Madhya Pradesh	55,87,538	8,22,822	47,64,716	51.2	29.4	58.6
24	Gujarat	36,89,470	7,50,418	29,39,052	38.3	20.0	49.9
25	Daman & Diu	18,593	3,147	15,446	54.1	25.7	69.9
26	D & N Haveli	32,043	6,686	25,357	72.9	59.7	77.3
27	Maharashtra	65,29,878	17,01,916	48,27,962	34.3	21.1	43.9
28	Andhra Pradesh	82,38,138	12,22,047	70,16,091	48.9	29.3	55.3
29	Karnataka	47,49,343	10,53,600	36,95,743	46.4	29.6	55.4
30	Goa	75,691	31,026	44,665	27.1	22.4	31.7
31	Lakshadweep	1,023	590	433	11.1	15.2	8.1
32	Kerala	10,85,260	2,25,463	8,59,797	16.5	13.6	17.4
33	Tamil Nadu	86,20,471	24,37,422	61,83,049	60.8	41.3	74.7
34	Pondicherry	73,852	33,226	40,626	35.4	24.3	56.3
35	A & N Islands	28,465	4,386	24,079	39.0	18.7	48.5
	India	8,51,12,270	1,35,51,538	7,15,60,732	44.3	25.2	51.8

Table 7 : Access to some source of drinking water away the premises

S.No.	State / UT	No. of households having access to some source of drinking water away the premises			%age of households having access to some source of drinking water away the premises to total number of households		
		Total	Urban	Rural	Total	Urban	Rural
1	Jammu & Kashmir	3,95,355	23,842	3,71,513	25.5	6.1	32.0
2	Himachal Pradesh	1,65,699	9,035	1,56,664	13.4	6.3	14.3
3	Punjab	1,37,728	21,675	1,16,053	3.2	1.5	4.2
4	Chandigarh	6,387	5,762	625	3.2	3.2	2.9
5	Uttaranchal	2,65,026	20,444	2,44,582	16.7	5.2	20.4
6	Haryana	7,33,110	80,109	6,53,001	20.8	7.5	26.6
7	Delhi	1,78,658	1,49,710	28,948	7.0	6.3	17.1
8	Rajasthan	22,23,335	1,78,731	20,44,604	23.8	8.2	28.6
9	Uttar Pradesh	25,94,698	2,78,390	23,16,308	10.1	5.4	11.2
10	Bihar	17,05,090	1,13,274	15,91,816	12.2	8.6	12.6
11	Sikkim	19,511	370	19,141	18.6	2.8	20.9
12	Arunachal Pradesh	38,042	5,484	32,558	17.9	11.4	19.8
13	Nagaland	1,02,838	14,080	88,758	31.0	21.1	33.5
14	Manipur	1,22,403	22,879	99,524	30.8	22.6	33.6
15	Mizoram	45,909	15,814	30,095	28.5	19.4	37.9
16	Tripura	1,81,616	12,071	1,69,545	27.4	9.9	31.4
17	Meghalaya	1,21,981	15,502	1,06,479	29.0	17.1	32.3
18	Assam	11,07,880	75,373	10,32,507	22.4	10.5	24.5
19	West Bengal	28,23,705	5,41,768	22,81,937	18.0	11.9	20.4
20	Jharkhand	11,92,213	1,77,344	10,14,869	24.5	16.7	26.7
21	Orissa	24,23,737	2,26,761	21,96,976	30.8	20.9	32.4
22	Chhattisgarh	8,57,862	1,07,920	7,49,942	20.7	13.7	22.3
23	Madhya Pradesh	26,48,643	4,28,202	22,20,441	24.3	15.3	27.3
24	Gujarat	14,66,488	2,43,884	12,22,604	15.2	6.5	20.8
25	Daman & Diu	1,178	172	1,006	3.4	1.4	4.6
26	D & N Haveli	4,984	313	4,671	11.3	2.8	14.2
27	Maharashtra	23,50,878	4,56,896	18,93,982	12.3	5.7	17.2
28	Andra Pradesh	33,40,008	5,63,245	27,76,763	19.8	13.5	21.9
29	Karnataka	22,35,289	4,92,054	17,43,235	21.8	13.8	26.1
30	Goa	31,122	11,014	20,108	11.1	8.0	14.3
31	Lakshadweep	499	270	229	5.4	6.9	4.3
32	Kerala	7,89,915	1,22,723	6,67,192	12.0	7.4	13.5
33	Tamil Nadu	17,17,838	6,15,272	11,02,566	12.1	10.4	13.3
34	Pondicherry	8,580	5,159	3,421	4.1	3.8	4.7
35	A & N Islands	10,191	774	9,417	13.9	3.3	19.0
	India	3,20,48,396	50,36,316	2,70,12,080	16.7	9.4	19.5

Source : Census of India, 2001 : " Tables on Houses, Household Amenities and Assets " (on CD)