

## 12. Drinking Water



With the formal inauguration of the new Chembarambakkam Water Treatment Plant (WTP) – the second largest of its kind in India – in July 2007, the city of Chennai took a major step towards putting its perennial water problems firmly behind it. Adding 530,000m<sup>3</sup> per day, the new works – designed and built by Degrémont – bring the city's total water treatment capacity to 1.28 million cubic meters per day.

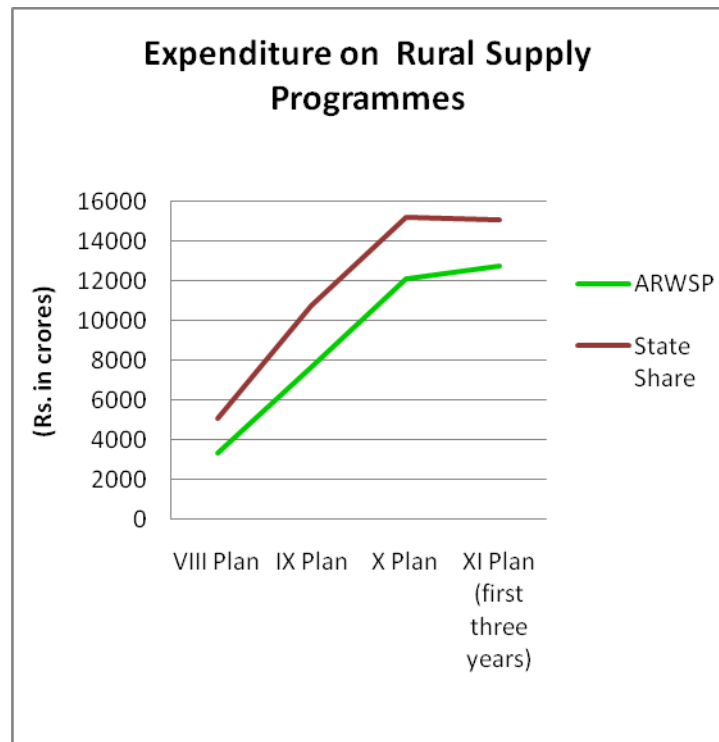


## 12. DRINKING WATER SUPPLY

12.1 This is one of the data poor sectors. M/o Rural Development and M/o Urban Development are the nodal agencies for data supply. But only data available was expenditure incurred by centre and states on, "Accelerated Rural Water Supply Programme". Apart from the concerned ministries, other sources of data for urban as well as rural areas, are Population census and NSSO Survey. But these sources do not give us continuous time series data, and latest census data pertains to 2001. Hence comparative information available from NSSO surveys regarding per thousand households covered by Tap Water facilities for the years 1993 and 2002 has been presented in the publication.

### Accessibility

12.2 Unlike in the case of toilet facilities (Table 13A.1), accessibility status of tap water facilities per thousand households has improved during 1993 to 2002 both in urban and rural areas. But Coverage is higher in urban areas, because in rural areas alternate sources of drinking water are available (Table 12A.1).



### Fiscal cost

12.3 Both central and state share of expenditure on rural water supply programme increased more than three times during VIII plan to XI Plan (Table 12C.1).



**Table 12A.1 : Statewise Number of Households having Access to Tap Water Facilities per 1000 Households**

Sl. No.	State	Urban			Rural		
		Number		%	Number		%
		1993	2002	Change	1993	2002	Change
1	Andhra Pradesh	740	783	5.81	180	543	201.67
2	Arunachal Pradesh	1000	889	-11.10	660	787	19.24
3	Assam	440	355	-19.32	90	69	-23.33
4	Bihar	450	285	-36.67	10	9	-10.00
5	Chhattisgarh	-	644	-	-	18	-
6	Goa	900	836	-7.11	610	567	-7.05
7	Gujarat	860	917	6.63	530	582	9.81
8	Haryana	820	773	-5.73	440	388	-11.82
9	Himachal Pradesh	950	957	0.74	760	741	-2.50
10	Jammu & Kashmir	920	944	2.61	290	557	92.07
11	Jharkhand	-	577	-	-	36	-
12	Karnataka	750	885	18.00	320	595	85.94
13	Kerala	400	426	6.50	130	108	-16.92
14	Madhya Pradesh	660	637	-3.48	60	69	15.00
15	Maharashtra	910	917	0.77	490	485	-1.02
16	Manipur	690	630	-8.70	390	294	-24.62
17	Meghalaya	860	888	3.26	250	406	62.40
18	Mizoram	330	599	81.52	200	142	-29.00
19	Nagaland	820	578	-29.51	920	513	-44.24
20	Orissa	490	554	13.06	-	46	-
21	Punjab	680	784	15.29	130	220	69.23
22	Rajasthan	840	805	-4.17	220	251	14.09
23	Sikkim	980	992	1.22	770	536	-30.39
24	Tamil Nadu	670	833	24.33	390	769	97.18
25	Tripura	670	615	-8.21	230	219	-4.78
26	Uttar Pradesh	540	486	-10.00	70	22	-68.57
27	Uttaranchal	-	798	-	-	562	-
28	West Bengal	610	595	-2.46	40	125	212.50
<b>Union Territories</b>							
1	A & N Islands	1000	943	-5.70	600	795	32.50
2	Chandigarh	1000	976	-2.40	830	899	8.31
3	Dadar & Nagar Haveli	760	563	-25.92	60	148	146.67
4	Daman & Diu	2810	971	-65.44	690	753	9.13
5	Delhi	890	849	-4.61	570	913	60.18
6	Lakshadweep	140	27	-80.71	60	122	103.33
7	Puducherry	940	979	4.15	890	933	4.83
<b>All India</b>		<b>700</b>	<b>736</b>	<b>5.14</b>	<b>190</b>	<b>275</b>	<b>44.74</b>

Source: 1. NSS report no.429,1993

2.NSS report no. 489, NSS 58th Round (July,2002-December, 2002)

**Table 12C.1 : Statewise Expenditure on Water Supply Programmes**

(Rs. in crore)

Sl. No.	State	VIII Plan		IX Plan		X Plan		XI Plan (first three years)	
		ARWSP	State Share	ARWSP	State share	ARWSP	State share	ARWSP	State share
1	Andhra Pradesh	279.35	330.01	583.11	541.58	918.51	942.56	836.79	563.99
2	Arunachal Pradesh	42.52	57.11	112.25	114.07	355.38	222.12	265.63	151.13
3	Assam	78.03	224.35	217.65	285.60	478.03	246.16	422.55	184.48
4	Bihar	151.38	207.25	72.39	172.80	323.04	278.46	360.47	321.12
5	Chhattisgarh	-	-	61.55	65.48	171.93	414.59	218.75	258.70
6	Goa	4.73	27.73	18.60	57.41	9.06	74.00	2.31	34.47
7	Gujarat	149.97	242.26	603.64	803.43	502.13	903.21	593.75	1492.07
8	Haryana	102.43	101.11	180.17	226.18	176.69	668.11	259.58	1037.56
9	Himachal Pradesh	62.92	250.94	197.00	316.63	461.17	619.06	271.09	324.39
10	Jammu & Kashmir	146.45	212.95	227.71	286.65	801.06	513.19	840.00	222.22
11	Jharkhand	-	-	44.83	21.94	149.68	255.32	136.36	148.13
12	Karnataka	234.85	311.27	532.13	493.51	858.12	688.92	876.44	818.88
13	Kerala	98.96	248.83	200.80	202.79	260.32	401.51	213.97	862.88
14	Madhya Pradesh	261.53	267.50	499.56	563.10	564.95	605.84	729.43	788.19
15	Maharashtra	265.95	716.73	1090.63	2128.01	1179.99	1136.77	1031.53	933.86
16	Manipur	18.69	49.87	18.30	68.37	89.65	88.70	71.96	102.31
17	Meghalaya	20.30	61.38	59.38	95.56	145.51	149.95	152.66	102.09
18	Mizoram	12.48	21.16	48.11	45.95	125.43	90.38	77.89	75.99
19	Nagaland	8.60	14.72	42.69	59.51	101.16	91.94	96.60	68.38
20	Orissa	129.67	143.85	241.92	227.37	356.54	292.10	560.75	505.13
21	Punjab	49.94	80.25	104.79	137.49	160.40	529.97	129.92	302.19
22	Rajasthan	413.75	421.96	789.46	815.81	1655.31	1505.47	1885.63	2021.23
23	Sikkim	22.69	26.96	30.66	55.63	51.08	73.48	23.87	13.55
24	Tamil Nadu	161.47	307.88	544.58	1228.73	478.71	2013.44	470.85	1323.33
25	Tripura	33.53	58.06	79.25	96.64	127.80	80.28	116.71	65.30
26	Uttar Pradesh	431.46	494.47	689.10	1070.51	873.39	1066.31	1250.78	1147.39
27	Uttaranchal	-	-	63.75	127.62	208.27	674.45	182.07	273.61
28	West Bengal	155.83	152.66	339.59	338.21	535.40	492.72	715.54	895.09
<b>Union Territories</b>									
1	A & N Islands	0.00	17.75	0.00	50.58	2.39	24.03	4.72	-
2	Chandigarh	-	-	-	-	-	-	-	-
3	Dadar & Nagar Haveli	0.00	4.85	0.50	14.20	0.00	6.83	0.00	4.77
4	Daman & Diu	2.92	2.83	0.00	5.21	0.00	0.00	0.00	-
5	Delhi	0.12	21.46	0.00	38.49	0.00	14.81	0.00	-
6	Lakshadweep	0.46	3.07	0.00	7.96	0.00	4.19	0.00	-
7	Puducherry	1.40	3.21	0.28	10.11	0.00	43.88	0.17	11.17
<b>All India</b>		<b>3342.36</b>	<b>5084.44</b>	<b>7694.38</b>	<b>10773.11</b>	<b>12121.07</b>	<b>15212.73</b>	<b>12798.77</b>	<b>15053.57</b>

Source : Material supplied by M/o Urban Development