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**5. IRRIGATION.****5.1 SOURCES OF WATER SUPPLY 2015-16****(in Numbers)**

<i>District</i>	<i>Canals</i>		<i>Tube Wells &amp; Other Wells</i>
	<i>Number</i>	<i>Length (Km.)</i>	
<i>1</i>	<i>2</i>	<i>3</i>	<i>4</i>
1. Kancheepuram	20	184	12575
2. Thiruvallur	17	189	26065
3. Cuddalore	270	1058	37744
4. Villupuram	196	845	24280
5. Vellore	604	1067	15273
6. Tiruvannamalai	144	119	4112
7. Salem	78	233	18766
8. Namakkal	3	75	12956
9. Dharmapuri	85	187	1330
10. Krishnagiri	109	137	14020
11. Coimbatore	27	245	21036
12. Tiruppur	18	364	16283
13. Erode	10	690	8710
14. Tiruchirappalli	135	494	8581
15. Karur	23	226	3305
16. Perambalur	1	3	3700
17. Ariyalur	3	44	10254
18. Pudukkottai	28	78	20415
19. Thanjavur	25	638	52770
20. Thiruvarur	13	612	13465
21. Nagapattinam	9	548	21019
22. Madurai	80	170	970
23. Theni	107	226	4264
24. Dindigul	28	143	4142
25. Ramanathapuram	0	0	425
26. Virudhunagar	0	0	85
27. Sivagangai	19	20	1537
28. Tirunelveli	129	532	2448
29. Thoothukkudi	4	78	676
30. The Nilgiris	1	2	0
31. Kanniyakumari	53	540	1598
<b>STATE</b>	<b>2239</b>	<b>9747</b>	<b>362804</b>

## 5.1 SOURCES OF WATER SUPPLY 2015-16 (Concl.d.)

(in Numbers)

<i>District</i>	<i>Open Wells</i>	<i>Wells used for Domestic Purpose only</i>	<i>Reservoirs</i>	<i>Tanks</i>
<i>1</i>	<i>5</i>	<i>6</i>	<i>7</i>	<i>8</i>
1. Kancheepuram	51783	44838	0	1942
2. Thiruvallur	6937	70068	0	1895
3. Cuddalore	10066	20876	1	592
4. Villupuram	144253	41726	3	2085
5. Vellore	94554	52714	3	1355
6. Tiruvannamalai	181549	23145	1	1966
7. Salem	105791	29755	3	546
8. Namakkal	71756	13399	0	259
9. Dharmapuri	84164	16808	7	1015
10. Krishnagiri	43876	7480	4	1327
11. Coimbatore	49966	6759	7	48
12. Tiruppur	79173	10302	5	42
13. Erode	75464	23093	7	698
14. Tiruchirappalli	70814	8259	1	1767
15. Karur	42914	7955	0	266
16. Perambalur	33874	7509	1	252
17. Ariyalur	5921	3314	0	564
18. Pudukkottai	27168	9631	0	5451
19. Thanjavur	1288	30742	0	428
20. Thiruvavarur	44	7098	0	0
21. Nagapattinam	4018	50458	0	0
22. Madurai	45751	82935	2	2289
23. Theni	24564	6641	3	150
24. Dindigul	92347	15035	8	3104
25. Ramanathapuram	7328	16062	0	1694
26. Virudhunagar	35181	10027	6	997
27. Sivagangai	13190	30465	0	4966
28. Tirunelveli	78356	24931	14	2155
29. Thoothukkudi	21859	8377	0	651
30. The Nilgiris	853	1134	0	0
31. Kanniyakumari	2145	26916	5	2623
<b>STATE</b>	<b>1506919</b>	<b>708452</b>	<b>81</b>	<b>41127</b>

Source: Department of Economics and Statistics, Chennai-600 006

## 5.2 SOURCE-WISE NET AREA IRRIGATED BY DISTRICTS 2015-16

(in Hectares)

<i>District</i>	<i>Source</i>		
	<i>Canals</i>	<i>Tanks</i>	<i>Tube Wells &amp; Other Wells</i>
<i>1</i>	<i>2</i>	<i>3</i>	<i>4</i>
1. Kancheepuram	501	55451	9368
2. Thiruvallur	0	19380	71110
3. Cuddalore	37388	4133	94970
4. Villupuram	1265	39632	48357
5. Vellore	0	1999	15474
6. Tiruvannamalai	151	22441	3319
7. Salem	1770	0	18801
8. Namakkal	4355	0	8811
9. Dharmapuri	548	749	813
10. Krishnagiri	850	7264	16486
11. Coimbatore	18921	0	31647
12. Tiruppur	27018	2085	15858
13. Erode	46793	70	23147
14. Tiruchirappalli	33022	2868	8614
15. Karur	11752	0	9843
16. Perambalur	0	2634	2507
17. Ariyalur	7348	2629	21504
18. Pudukkottai	5552	49954	33746
19. Thanjavur	136232	30	38059
20. Thiruvarur	149545	0	0
21. Nagapattinam	119284	0	0
22. Madurai	19030	17931	1011
23. Theni	10085	1263	10491
24. Dindigul	2316	4564	4569
25. Ramanathapuram	0	50789	1138
26. Virudhunagar	0	24633	278
27. Sivagangai	0	63749	2912
28. Tirunelveli	16636	44046	1152
29. Thoothukkudi	12919	7732	567
30. The Nilgiris	0	0	0
31. Kanniyakumari	8743	11645	4092
<b>STATE</b>	<b>672024</b>	<b>437671</b>	<b>498644</b>

## 5.2 SOURCE-WISE NET AREA IRRIGATED BY DISTRICTS 2015-16 (Concd.)

(in Hectares)

District	Source		Total
	Open Wells	Other Sources	
1	5	6	7
1. Kancheepuram	33517	0	98837
2. Thiruvallur	7847	0	98337
3. Cuddalore	7275	557	144323
4. Villupuram	152125	0	241379
5. Vellore	65547	0	83020
6. Tiruvannamalai	128049	0	153960
7. Salem	75733	0	96304
8. Namakkal	52439	772	66377
9. Dharmapuri	58151	0	60261
10. Krishnagiri	32668	0	57268
11. Coimbatore	65397	0	115965
12. Tiruppur	74056	0	119017
13. Erode	54190	0	124200
14. Tiruchirappalli	36694	0	81198
15. Karur	26616	0	48211
16. Perambalur	26612	0	31753
17. Ariyalur	4966	0	36447
18. Pudukkottai	7073	0	96325
19. Thanjavur	153	0	174474
20. Thiruvarur	0	0	149545
21. Nagapattinam	0	692	119976
22. Madurai	39583	0	77555
23. Theni	42535	0	64374
24. Dindigul	94819	958	107226
25. Ramanathapuram	11664	0	63591
26. Virudhunagar	28688	0	53599
27. Sivagangai	10946	0	77607
28. Tirunelveli	63106	0	124940
29. Thoothukkudi	16010	11	37239
30. The Nilgiris	1197	0	1197
31. Kanniyakumari	3789	0	28269
STATE	1221445	2990	2832774

Source: Department of Economics and Statistics, Chennai-600 006

## 5.3 AREA SOWN AND IRRIGATED BY DISTRICTS 2015-16

(in Hectares)			
<i>District</i>	<i>GROSS Area Irrigated</i>	<i>GROSS Area Sown</i>	<i>Percentage of Col.2 to Col.3</i>
<i>1</i>	<i>2</i>	<i>3</i>	<i>4</i>
1. Kancheepuram	122333	131426	93.08
2. Thiruvallur	143594	151598	94.72
3. Cuddalore	198672	332216	59.8
4. Villupuram	356239	482915	73.77
5. Vellore	107699	202451	53.2
6. Tiruvannamalai	221969	287789	77.13
7. Salem	127751	304755	41.92
8. Namakkal	85051	207720	40.95
9. Dharmapuri	94195	228299	41.26
10. Krishnagiri	68300	213750	31.95
11. Coimbatore	118148	177314	66.63
12. Tiruppur	122082	184641	66.12
13. Erode	141360	194392	72.72
14. Tiruchirappalli	93777	179230	52.32
15. Karur	52727	87966	59.94
16. Perambalur	46203	122106	37.84
17. Ariyalur	43528	108839	39.99
18. Pudukkottai	100994	123714	81.64
19. Thanjavur	239668	269665	88.88
20. Thiruvavarur	218793	328868	66.53
21. Nagapattinam	158248	271487	58.29
22. Madurai	91669	138429	66.22
23. Theni	76421	126259	60.53
24. Dindigul	112101	234983	47.71
25. Ramanathapuram	63591	167471	37.97
26. Virudhunagar	60771	139057	43.70
27. Sivagangai	77655	98073	79.18
28. Tirunelveli	154245	206855	74.57
29. Thoothukkudi	40880	213738	19.13
30. The Nilgiris	1352	75501	1.79
31. Kanniyakumari	34633	82653	41.9
STATE	3574649	6074160	58.85

## 5.3 AREA SOWN AND IRRIGATED BY DISTRICTS 2015-16 (Concl.d.)

(in Hectares)

<i>District</i>	<i>Net Area Irrigated</i>	<i>Net Area Sown</i>	<i>Percentage of Col. 5 to Col. 6</i>
<i>1</i>	<i>5</i>	<i>6</i>	<i>7</i>
1. Kancheepuram	98837	107188	92.21
2. Thiruvallur	98337	104157	94.41
3. Cuddalore	144323	220662	65.4
4. Villupuram	241379	340428	70.9
5. Vellore	83020	164210	50.56
6. Tiruvannamalai	153960	212143	72.57
7. Salem	96304	220138	43.75
8. Namakkal	66377	15588	42.58
9. Dharmapuri	60261	152351	39.55
10. Krishnagiri	57268	172884	33.13
11. Coimbatore	115965	173598	66.8
12. Tiruppur	119017	181271	65.66
13. Erode	124200	176562	70.34
14. Tiruchirappalli	81198	161356	50.32
15. Karur	48211	82352	58.54
16. Perambalur	31753	106052	29.94
17. Ariyalur	36447	98195	37.12
18. Pudukkottai	96325	118844	81.05
19. Thanjavur	174474	184815	94.4
20. Thiruvavur	149545	154740	96.64
21. Nagapattinam	119976	148582	80.75
22. Madurai	77555	123415	62.84
23. Theni	64374	113167	56.88
24. Dindigul	107226	227971	47.03
25. Ramanathapuram	63591	167471	37.97
26. Virudhunagar	53599	131614	40.72
27. Sivagangai	77607	97955	79.23
28. Tirunelveli	124940	175087	71.36
29. Thoothukkudi	37239	208845	17.83
30. The Nilgiris	1197	75329	1.59
31. Kanniyakumari	28269	75415	37.48
STATE	2832774	4832682	58.62

Source: Department of Economics and Statistics, Chennai-6

## 5.4 PRINCIPAL CROP-WISE AREA IRRIGATED 2015-16

<i>Crop</i>	<i>Area (in Hectares)</i>		<i>%</i>
	<i>Area Irrigated</i>	<i>Total Area</i>	
<b>Paddy</b>	<b>1898750</b>	<b>2000212</b>	<b>94.9</b>
<b>Cholam (Jowar)</b>	<b>37299</b>	<b>339166</b>	<b>11.0</b>
<b>Cumbu (Bajra)</b>	<b>9313</b>	<b>51606</b>	<b>18.0</b>
<b>Ragi</b>	<b>23184</b>	<b>89986</b>	<b>25.8</b>
<b>Sugarcane</b>	<b>252231</b>	<b>252272</b>	<b>100.0</b>
<b>Cotton</b>	<b>41936</b>	<b>148087</b>	<b>28.3</b>
<b>Ground nut</b>	<b>136792</b>	<b>346611</b>	<b>39.5</b>
<b>Other Crops</b>	<b>1175144</b>	<b>2846220</b>	<b>41.3</b>

*Source: Department of Economics and Statistics, Chennai-6*



**5.5 WATER LEVEL AND RELEASE OF WATER IN CERTAIN RESERVOIRS  
FOR THE YEAR 2015-16**

<i>Name of the Reservoir</i>	<i>Full Reservoir Depth in</i>		<i>Capacity @ F.R.L in M.Cum</i>	<i>Capacity @ F.R.L in M.cft</i>
	<i>Metres</i>	<i>Feet</i>		
<i>1</i>	<i>2</i>	<i>3</i>	<i>4</i>	<i>5</i>
1. Mettur	36.58	120.00	2647	93470
2. Bhavanisagar	32.00	105.00	929	32800
3. Amaravathy	27.43	90.00	115	4047
4. Periyar	46.33	152.00	299	10570
5. Vaigai	21.64	71.00	172	6091
6. Papanasam	43.59	143.00	156	5500
7. Manimuthar	35.97	118.00	156	5511
8. Pechiparai	14.63	48.00	126	4450
9. Perunchani	23.47	77.00	82	2890
10. Krishnagiri	15.85	52.00	47	1666
11. Sathanur	36.27	119.00	207	7321
12. Poondi	10.66	35.00	91	3231
13. Sholayar	48.77	160.00	143	5052
14. Parambikulam	21.95	72.00	380	13408
15. Aliyar	36.58	120.00	109	3864
16. Thirumoothy	18.29	60.00	49	1744

<i>Name of Reservoir</i>	<i>Highest Level Reached</i>		<i>Lowest Level Reached</i>		<i>Total Water Released in TMC</i>
	<i>Metres</i>	<i>Date</i>	<i>Metres</i>	<i>Date</i>	
<i>1</i>	<i>6</i>	<i>7</i>	<i>8</i>	<i>9</i>	<i>10</i>
1. Mettur	29.70	23.12.2015	14.02	31.05.2016	154.31
2. Bhavanisagar	26.51	31.07.2015	8.62	29.04.2016	49.80
3. Amaravathy	27.34	30.12.2015	6.22	01.04.2016	14.15
4. Periyar	43.20	07.12.2015	33.77	31.03.2016	2.32
5. Vaigai	20.90	28.11.2015	12.30	07.03.2016.	17.87
6. Papanasam	43.47	02.01.2016	15.73	09.09.2015	24.46
7. Manimuthar	35.96	10.12.2015	17.07	18.09.2015	9.27
8. Pechiparai	14.27	31.07.2015	7.44	11.03.2016	13.20
9. Perunchani	23.06	21.12.2015	18.04	09.09.2015	7.10
10. Krishnagiri	15.85	05.01.2016	8.98	31.05.2016	1.67
11. Sathanur	36.27	29.12.2015	21.70	01.06.2015	7.32
12. Poondi	10.66	20.01.2016	4.88	22.07.2015	3.23
13. Sholayar	45.46	28.07.2015	0.69	11.05.2016	14.95
14. Parambikulam	17.13	08.12.2015	2.59	05.06.2016	14.31
15. Aliyar	36.42	06.12.2015	21.06	02.05.2016	11.62
16. Thirumoothy	16.17	18.12.2015	4.73	25.04.2016	13.21

*Source: The Chief Engineer, W.R.D. PWD., (Operation & Maintenances), Chennai – 5*