

7. ANIMAL HUSBANDRY

7.1 Livestock and Poultry Population by Districts

7.2 Veterinary Institutions and Sub-Centres by Districts

7.3 Animal Husbandry Infrastructure Facilities

7.4 Dairy Development

7.5 Estimated Milk Production

7.6 District-wise Estimated Milk Production

7.7 Per Capita Consumption of Milk

7.8 Fodder Development

7.9 Meat Production

7.10 Estimated Egg Production by Districts

7.11 Total Egg Production

7.12 Egg Average Yield / Layer

7. ANIMAL HUSBANDRY

7.1 LIVESTOCK AND POULTRY POPULATION BY DISTRICTS 2004

(in Nos.)

<i>District</i>	<i>Cattle Cross Bred</i>	<i>Cattle Indigenous</i>	<i>Buffaloes</i>	<i>Sheep</i>
<i>1</i>	<i>2</i>	<i>3</i>	<i>4</i>	<i>5</i>
1. Chennai	1610	2363	2736	301
2. Kancheepuram	75806	289007	115650	131183
3. Thiruvallur	77269	184646	111877	103821
4. Cuddalore	190334	152797	38407	57607
5. Villupuram	336032	488104	49003	227455
6. Vellore	324052	177582	29392	295135
7. Thiruvannamalai	250811	230632	23229	198318
8. Salem	428588	165259	176521	371026
9. Namakkal	165442	56939	182202	146217
10. Dharmapuri	175849	121947	100074	266720
11. Krishnagiri	136636	162876	18935	294230
12. Erode	250385	148187	230004	506015
13. Coimbatore+ Tiruppur	322532	40038	40912	206835
14. The Nilgiris	40702	12373	3412	4593
15. Tiruchirappalli	252737	101564	49577	257271
16. Karur	67744	50037	65486	218514
17. Perambalur+ Ariyalur	165209	118999	22341	96175
18. Pudukottai	68094	265232	31958	151078
19. Thanjavur	282641	207052	34476	42123
20. Nagapattinam	130213	162122	56666	33054
21. Thiruvarur	164632	167492	18286	13251
22. Madurai	164151	62356	12380	216416
23. Theni	79119	22564	11955	52247
24. Dindigul	172475	72641	68112	214143
25. Ramanathapuram	58287	70279	3877	245304
26. Virudhunagar	198087	64197	39977	325946
27. Sivagangai	70580	209992	15183	227672
28. Tirunelveli	291383	127311	78777	487273
29. Thoothukudi	102477	60866	20933	202419
30. Kanyakumari	96067	5645	6077	1143
STATE TOTAL	5139944	4001099	1658415	5593485

7.1 LIVESTOCK AND POULTRY POPULATION BY DISTRICTS 2004 (Contd.)

(in Nos.)

<i>District</i>	<i>Goats</i>	<i>Horses</i>	<i>Donkeys</i>	<i>Pigs</i>	<i>Camels</i>
<i>1</i>	<i>6</i>	<i>7</i>	<i>8</i>	<i>9</i>	<i>10</i>
1. Chennai	3330	27	7	67	0
2. Kancheepuram	173304	422	1178	5467	4
3. Thiruvallur	197795	1336	735	6056	0
4. Cuddalore	251160	1219	54	25137	0
5. Villupuram	471428	1671	680	38672	0
6. Vellore	232315	353	806	12355	0
7. Thiruvannamalai	150141	142	153	7259	0
8. Salem	497814	1208	478	33270	5
9. Namakkal	388832	1354	146	23392	0
10. Dharmapuri	277311	134	404	3063	0
11. Krishnagiri	149744	161	732	14118	0
12. Erode	562270	827	3074	7288	3
13. Coimbatore+ Tiruppur	286499	2277	3437	12665	7
14. The Nilgiris	18841	586	83	89	0
15. Tiruchirappalli	366753	1309	5406	14164	4
16. Karur	173591	432	123	10205	0
17. Perambalur+ Ariyalur	372142	89	477	21824	0
18. Pudukottai	177816	362	1102	2022	0
19. Thanjavur	339807	142	9	4781	0
20. Nagapattinam	429924	864	9	2650	0
21. Thiruvarur	375318	746	6	2047	0
22. Madurai	238588	477	1046	3260	0
23. Theni	83454	894	1213	21574	0
24. Dindigul	351211	4321	569	6443	0
25. Ramanathapuram	234727	396	230	2804	4
26. Virudhunagar	305111	181	346	14073	0
27. Sivagangai	234746	1800	45	5164	4
28. Tirunelveli	390570	245	961	12752	0
29. Thoothukudi	342180	1011	2257	6941	0
30. Kanyakumari	100698	2	13	1266	0
STATE TOTAL	8177420	24988	25779	320868	31

7.1 LIVESTOCK AND POULTRY POPULATION BY DISTRICTS 2004 (Concl.)

(in Nos.)

<i>District</i>	<i>Total Livestock</i>	<i>Dogs</i>	<i>Rabbits</i>	<i>Poultry</i>
<i>1</i>	<i>11</i>	<i>12</i>	<i>13</i>	<i>14</i>
1. Chennai	10441	39878	974	33345
2. Kancheepuram	792021	106369	2473	353844
3. Thiruvallur	683535	120628	1515	654317
4. Cuddalore	716715	41264	476	333043
5. Villupuram	1613045	144690	2576	772090
6. Vellore	1071990	99894	1682	1155183
7. Thiruvannamalai	860685	36575	470	252314
8. Salem	1674169	165716	1925	2678324
9. Namakkal	964524	84913	841	19273185
10. Dharmapuri	945502	90855	723	1549232
11. Krishnagiri	777432	547348	3211	1293388
12. Erode	1798053	152827	1801	5270334
13. Coimbatore+ Tiruppur	915202	153685	16562	42028686
14. The Nilgiris	80679	120592	441	75599
15. Tiruchirappalli	1048785	37699	787	940619
16. Karur	586132	31746	254	498470
17. Perambalur+ Ariyalur	797256	34520	314	262330
18. Pudukottai	697664	46994	528	476110
19. Thanjavur	911031	88402	1822	634546
20. Nagapattinam	815502	83108	1377	402045
21. Thiruvarur	741778	43076	1029	339253
22. Madurai	698674	58658	755	685529
23. Theni	273020	18095	1070	517155
24. Dindigul	889915	86561	2924	2037985
25. Ramanathapuram	615908	15855	395	330309
26. Virudhunagar	947918	46520	14155	890571
27. Sivagangai	765186	47169	465	720831
28. Tirunelveli	1389272	67877	2401	1218583
29. Thoothukudi	739084	35400	829	450229
30. Kanyakumari	210911	69717	2103	463824
STATE TOTAL	24942029	2716631	66878	86591273

Source: 17th Live Stock Census – 2004

Department of Animal Husbandry and Veterinary Services, Chennai - 600 006

7.2 VETERINARY INSTITUTIONS AND SUB CENTRES BY DISTRICTS 2009-10

(in Nos.)						
<i>District</i>	<i>Divi- sions</i>	<i>Pan- chaya t Uni- ons</i>	<i>Poly- Clinics</i>	<i>Clini- cian Cen- tres</i>	<i>Hos- pitals</i>	<i>Dispe- n- saries</i>
1	2	3	4	5	6	7
1. Chennai	1	0	1	0	1	0
2. Kancheepuram	4	13	0	2	1	42
3. Thiruvallur	4	14	0	0	5	37
4. Cuddalore	2	13	0	1	5	41
5. Villupuram	3	22	0	1	7	65
6. Vellore	2	20	0	1	8	54
7. Thiruvannamalai	2	18	0	1	5	47
8. Salem	2	20	1	0	6	68
9. Namakkal	2	15	0	0	4	52
10. Dharmapuri	1	8	0	1	2	31
11. Krishnagiri	2	10	0	1	2	35
12. Erode	2	15	0	2	6	48
13. Coimbatore	3	14	1	1	12	43
14. Tiruppur	3	10	0	0	7	45
15. The Nilgiris	1	4	0	1	2	12
16. Tiruchirappalli	2	14	1	0	8	46
17. Karur	1	8	0	1	2	22
18. Perambalur	0	4	0	0	2	19
19. Ariyalur	1	6	0	0	0	15
20. Pudukottai	2	13	0	1	4	43
21. Thanjavur	3	14	0	2	6	55
22. Nagapattinam	2	11	0	2	3	33
23. Thiruvarur	1	10	0	1	7	31
24. Madurai	2	13	1	0	4	39
25. Theni	1	8	0	0	3	26
26. Dindigul	3	14	0	1	5	43
27. Ramanathapuram	2	11	0	0	4	27
28. Virudhunagar	2	11	0	0	5	31
29. Sivagangai	2	12	0	0	2	32
30. Tirunelveli	3	19	1	0	7	59
31. Thoothukudi	2	12	0	1	2	35
32. Kanyakumari	2	9	0	1	2	31
STATE TOTAL	65	385	6	22	139	1207

7.2 VETERINARY INSTITUTIONS AND SUB CENTRES BY DISTRICTS 2009-10
(Contd.)

(in Nos.)

<i>District</i>	<i>Up- graded Veterin ary Sub Cen- tres</i>	<i>Mobile - Units</i>	<i>Sub Cen- tres</i>	<i>ADIU</i>	<i>P.D.D. L</i>
<i>1</i>	<i>8</i>	<i>9</i>	<i>10</i>	<i>11</i>	<i>12</i>
1. Chennai	0	1	0	0	0
2. Kancheepuram	21	1	61	1	0
3. Thiruvallur	19	1	46	0	0
4. Cuddalore	18	1	71	1	0
5. Villupuram	35	4	55	1	0
6. Vellore	23	3	48	1	0
7. Thiruvannamalai	24	3	50	0	0
8. Salem	25	6	29	1	0
9. Namakkal	15	3	24	0	1
10. Dharmapuri	12	3	14	1	0
11. Krishnagiri	10	2	22	1	0
12. Erode	20	3	43	1	1
13. Coimbatore	9	2	50	1	0
14. Tiruppur	13	1	55	0	0
15. The Nilgiris	4	3	19	1	0
16. Thiruchirappalli	14	2	53	1	0
17. Karur	10	1	36	1	0
18. Perambalur	5	1	11	0	0
19. Ariyalur	9	0	6	0	0
20. Pudukottai	13	2	48	0	0
21. Thanjavur	16	3	49	1	0
22. Nagapattinam	15	2	29	1	0
23. Thiruvarur	13	1	50	0	0
24. Madurai	10	1	89	1	0
25. Theni	6	1	62	0	0
26. Dindigul	14	1	100	1	0
27. Ramanathapuram	8	0	26	0	0
28. Virudhunagar	14	0	49	1	0
29. Sivagangai	16	0	67	1	0
30. Thirunelveli	19	1	45	1	0
31. Thoothukudi	9	1	53	1	0
32. Kanyakumari	5	1	25	0	0
STATE TOTAL	444	55	1385	20	2

**7.2 VETERINARY INSTITUTIONS AND SUB CENTRES BY DISTRICTS 2009-10
(Concl.)**

(in Nos.)

<i>District</i>	<i>Frozen Semen Prodn. Station</i>	<i>CBFD</i>	<i>Farm</i>
<i>1</i>	<i>13</i>	<i>14</i>	<i>15</i>
1. Chennai	0	0	0
2. Kancheepuram	0	1	0
3. Thiruvallur	0	0	0
4. Cuddalore	0	1	0
5. Villupuram	0	0	1
6. Vellore	0	1	1
7. Thiruvannamalai	0	1	0
8. Salem	0	1	0
9. Namakkal	0	0	0
10. Dharmapuri	0	1	0
11. Krishnagiri	1	0	1
12. Erode	0	1	0
13. Coimbatore	0	1	0
14. Tiruppur	0	0	0
15. The Nilgiris	1	1	1
16. Thiruchirappalli	0	1	0
17. Karur	0	0	0
18. Perambalur	0	0	0
19. Ariyalur	0	0	0
20. Pudukottai	0	1	1
21. Thanjavur	1	1	2
22. Nagapattinam	0	0	0
23. Thiruvarur	0	0	1
24. Madurai	0	1	0
25. Theni	0	0	0
26. Dindigul	0	1	0
27. Ramanathapuram	0	1	0
28. Virudhunagar	0	1	1
29. Sivagangai	0	1	1
30. Thirunelveli	0	1	1
31. Thoothukudi	0	1	0
32. Kanyakumari	0	1	0
STATE TOTAL	3	20	11

Source: Department of Animal Husbandry and Veterinary Services, Chennai – 600 006

7.3 ANIMAL HUSBANDRY INFRASTRUCTURE FACILITIES 2009-10

<i>Details</i>	<i>Numbers</i>
I VETERINARY SERVICES - HEALTH COVER	
1. Polyclinics	6
2. Clinician Centres	22
3. Veterinary Hospitals	139
4. Veterinary Dispensaries	1207
5. Upgraded Veterinary Sub Centres	444
6. Mobile Veterinary Units	55
7. Sub-centres	1385
II DIAGNOSTIC FACILITIES	
8. Poultry Disease Diagnostic Lab	2
9. Animal Disease Intelligence Units	20
10. Referral Lab	1
III VACCINE PRODUCTION	
11. Bacterial Vaccines	5
12. Viral Vaccines	5
13. Vaccine Banks	10
IV LIVESTOCK FARMS	
14. Exotic Cattle Breeding Farm	1
15. Cattle Farms	7
16. Sheep Farms	3
V BREEDING FACILITIES	
17. Artificial Insemination Centres	3258
18. Semen Production Stations	3
19. Liquid Nitrogen Plants	6
20. Semen Banks	12
VI POULTRY	
21. Hatcheries	2

Source: Department of Animal Husbandry and Veterinary Services, Chennai-600 006

7.4 DAIRY DEVELOPMENT

<i>Description</i>	2008-09	2009-10
1. Total Number of functional Milk Producer's Co-operative Societies	8012	8246
2. New MPCs organized during the year	208	206
3. Total number of Members in MPCs (in lakh)*	22.09	22.29
4. Total No. of pouring members (in lakh)*	4.11	4.15
5. Milk Production by societies (in llpd)*	26.30	26.34
6. No. of District Unions	17	17
7. State Level Federation	1	1
8. No. of Registered private dairies	33	32
9. Milk Procurement by Unions(in llpd)*	22.00	22.37
10. Milk Procurement by Regd. Private dairies (in llpd)*	22.75	-
11. Total procurement by Registered dairies (in llpd)*	26.30	-
12. Milk Marketing in Chennai City (in llpd)*	10.71	10.32
13. Milk Marketing in District Unions (in llpd)*	9.46	9.83
14. Number of Union Dairies (under district Union Control)	15	15
15. No. of Federation dairies (under federation control)	4	4
16. Handling capacity Union Dairies (in llpd)*	19.42	19.42
17. Handling capacity Federation Dairies (in llpd)*	10.00	10.00
18. Handling capacity of Regd. Private Dairies (in llpd)*	36.24	47.64
19. Number of Chilling Centres	36	36
20. Handling capacity of Chilling Centres (in llpd)*	13.55	13.55
21. No. of BMC units functioning	164	166
22. Handling capacity of BMC (in llpd)*	6.45	6.56
23. No. of Rural Milk collection routes	507	528
24. No. of Milk distribution routes at District level	230	230
25. No. of Milk distribution routes at Chennai Metro	103	107
26. No. of Powder Plants	4	4
27. Capacity for drying milk (in llpd)*	70 MT / Day	70 MT / Day
28. No. of Automatic Vending Machine Units	189	157

* LLPD - Lakh Litres per day

Source: The Managing Director, Tamil Nadu Co-operative Milk Producers Federation Ltd., Chennai

7.5 ESTIMATED MILK PRODUCTION

(in 000' Tonnes)

<i>Animal</i>	2005-06	2006-07	2007-08	2008-09	2009-10
1. Cows					
a) Indigenous	812.89	811.05	799.900	791.752	789.214
b) Exotic & Crossbred	3889.95	3984.17	4026.928	4121.654	4227.437
Total	4702.84	4795.22	4826.828	4913.406	5016.651
2. Buffaloes	770.77	765.25	759.329	760.321	761.461
Grand Total	5473.61	5560.47	5586.157	5673.727	5778.112

Source: Department of Animal Husbandry and Veterinary Services, Chennai-600 006

7.6 DISTRICT-WISE ESTIMATED MILK PRODUCTION 2009-10

(in '000 Tonnes)

District	Cow's Milk			Buffalo	Total Milk Production
	Indigenous	Exotic & Cross-bred	Total		
1. Chennai	1.016	2.243	3.259	1.729	4.988
2. Kancheepuram	54.333	54.495	108.828	40.909	149.737
3. Thiruvallur	42.004	65.846	107.850	47.212	155.062
4. Cuddalore	28.931	156.683	185.614	15.136	200.750
5. Villupuram	84.023	235.593	319.616	10.293	329.909
6. Vellore	31.983	240.255	272.238	12.351	284.589
7. Thiruvannamalai	35.436	221.584	257.020	8.372	265.392
8. Salem	34.454	336.812	371.266	89.979	461.245
9. Namakkal	10.957	126.218	137.175	97.479	234.654
10. Dharmapuri	19.322	138.209	157.531	49.996	207.527
11. Krishnagiri	26.245	155.077	181.322	12.802	194.124
12. Erode	29.437	195.871	225.308	133.577	358.885
13. Coimbatore	8.020	306.477	314.497	18.435	332.932
14. The Nilgiris	4.276	97.331	101.607	1.122	102.729
15. Tiruchirappalli	20.709	184.372	205.081	21.297	226.378
16. Karur	14.106	58.201	72.307	37.023	109.330
17. Perambalur	20.640	147.092	167.732	8.578	176.310
18. Pudukottai	58.751	61.905	120.656	13.336	133.992
19. Thanjavur	45.193	169.494	214.687	15.860	230.547
20. Nagapattinam	37.703	95.992	133.695	21.247	154.942
21. Thiruvarur	35.585	114.190	149.775	6.349	156.124
22. Madurai	13.605	152.445	166.050	10.400	176.450
23. Theni	5.770	71.288	77.058	5.038	82.096
24. Dindigul	10.810	118.357	129.167	26.767	155.934
25. Ramanathapuram	20.318	46.037	66.355	3.097	69.452
26. Virudhunagar	11.552	165.868	177.420	12.579	189.999
27. Sivagangai	39.000	58.604	97.604	3.889	101.493
28. Tirunelveli	32.196	226.555	258.751	24.667	283.418
29. Thoothukudi	11.512	85.295	96.807	9.259	106.066
30. Kanyakumari	1.327	139.048	140.375	2.683	143.058
STATE TOTAL	789.214	4227.437	5016.651	761.461	5778.112

Source: Department of Animal Husbandry and Veterinary Services, Chennai-600 006.

7.7 PERCAPITA CONSUMPTION OF MILK

<i>Year</i>	<i>Consumption grams/day</i>
2000-01	216
2001-02	219
2002-03	204
2003-04	209
2004-05	210
2005-06	231
2006-07	232
2007-08	233
2008-09	235
2009.10	236

Source: Department of Animal Husbandry and Veterinary Services, Chennai-600 006

7.8 FODDER DEVELOPMENT

<i>Activity</i>	<i>2005-06</i>	<i>2006-07</i>	<i>2007-08</i>	<i>2008-09</i>	<i>2009-10</i>
1. Total area brought under fodder Cultivation (Ha.)	1193.96	718.17	880.6	1004.09	1700.68
2. Distribution					
a) Slips (Lakhs)	20.03	19.80	71.989	131.427	169.750
b) Seeds (Kgs)	0.72	1.03	0.282	0.052	0.032
c) Tree Seedlings (Lakhs)	-	0.16	0.052	0.031	0.083
d) Seed Production Units (in Numbers)	7	7	7	7	7

Source: Department of Animal Husbandry and Veterinary Services, Chennai-600 006.

7.9 MEAT PRODUCTION

<i>Item</i>	<i>2005-06</i>	<i>2006-07</i>	<i>2007-08</i>	<i>2008-09</i>	<i>2009-10</i>
1. Number of registered Slaughter Houses	128	109	110	107	116
2. Animals slaughtered (in Lakhs)					
a) Sheep	15.713	15.823	13.434	12.825	12.765
b) Goat	13.943	20.966	21.689	22.123	22.164
c) Cattle	1.034	1.077	1.141	1.180	1.211
d) Buffalo	0.545	0.620	0.645	0.734	0.773
e) Pig	0.162	0.123	0.246	0.140	0.131
Total	31.397	38.609	37.155	37.002	37.044
3. Meat production (in Lakh Kgs.)					
				(In Million Kgs.)	(in Lakh Kgs.)
a) Beef	149.42	175.31	135.50	20.541	145.696
b) Mutton	171.74	173.31	164.32	15.326	275.321
c) Chevon	171.80	231.04	262.06	26.495	124.026
d) Cara Ceef					86.850
d) Pork	6.15	4.98	10.06	0.670	6.767
Total	499.11	584.64	638.23	63.032	635.660

Source: Department of Animal Husbandry and Veterinary Services, Chennai - 600 006

7.10 ESTIMATED EGG PRODUCTION BY DISTRICTS 2009-10

(in Lakhs Nos.)			
<i>District</i>	<i>Desi</i>	<i>Improved</i>	<i>Total</i>
1. Chennai	7.252	0.000	7.252
2. Kancheepuram	115.609	454.945	570.554
3. Thiruvallur	139.494	2539.141	2678.635
4. Cuddalore	120.531	0.000	120.531
5. Villupuram	160.583	0.000	160.583
6. Vellore	128.089	113.125	241.214
7. Thiruvannamalai	86.716	0.000	86.716
8. Salem	271.130	1690.157	1961.287
9. Namakkal	151.544	79768.043	79919.587
10. Dharmapuri	166.001	1968.798	2134.799
11. Krishnagiri	82.842	113.400	196.242
12. Erode	164.187	10803.621	10967.808
13. Coimbatore	109.603	756.070	865.673
14. The Nilgiris	18.346	0.000	18.346
15. Tiruchirappalli	93.080	3369.626	3462.706
16. Karur	170.250	2879.080	3049.330
17. Perambalur	94.008	185.722	279.730
18. Pudukottai	119.331	0.000	119.331
19. Thanjavur	174.239	67.504	241.743
20. Nagapattinam	83.704	0.000	83.704
21. Thiruvarur	77.428	0.000	77.428
22. Madurai	140.592	27.548	168.140
23. Theni	95.657	0.000	95.657
24. Dindigul	126.639	0.000	126.639
25. Ramanathapuram	119.951	0.000	119.951
26. Virudhnuagar	208.375	0.000	208.375
27. Sivagangai	184.848	0.000	184.848
28. Tirunelveli	157.808	0.000	157.808
29. Thoothukudi	83.108	5.290	88.398
30. Kanyakumari	82.850	0.000	82.850
STATE TOTAL	3733.795	104742.070	108475.865

Source: Department of Animal Husbandry and Veterinary Services, Chennai-600 006

7.11 TOTAL EGG PRODUCTION

<i>Classification</i>	<i>(in Million Nos.)</i>	
	<i>2008-09</i>	<i>2009-10</i>
Desi	372.983	373.380
Improved	8436.791	10474.207
Total	8809.774	10847.587

Source: Department of Animal Husbandry and Veterinary Services, Chennai-600 006

7.12 EGG AVERAGE YIELD / LAYER

<i>Classification</i>	<i>Yield / Layer / Year</i> <i>(In Numbers)</i>	
	<i>2008-09</i>	<i>2009-10</i>
a) Desi	92	92.581
b) Improved	249	230.572
c) Per Capita Availability (Egg/Year)	133	162

Source: Department of Animal Husbandry and Veterinary Services, Chennai-600 006