

7. ANIMAL HUSBANDRY

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7. ANIMAL HUSBANDRY**7.1 LIVESTOCK AND POULTRY POPULATION BY DISTRICTS 2004**

(in Nos.)

<i>District</i>	<i>Cow</i>	<i>Buffa- loes</i>	<i>Sheep</i>	<i>Goat</i>	<i>Pigs</i>
<i>1</i>	<i>2</i>	<i>3</i>	<i>4</i>	<i>5</i>	<i>6</i>
1. Chennai	3973	2736	301	3330	67
2. Kancheepuram	364813	115650	131183	173304	5467
3. Thiruvallur	261915	111877	103821	197795	6056
4. Cuddalore	343131	38407	57607	251160	25137
5. Villupuram	824136	49003	227455	471428	38672
6. Vellore	501634	29392	295135	232315	12355
7. Thiruvannamalai	481443	23229	198318	150141	7259
8. Salem	593847	176521	371026	497814	33270
9. Namakkal	222381	182202	146217	388832	23392
10. Dharmapuri	297796	100074	266720	277311	3063
11. Krishnagiri	299512	18935	294230	149744	14118
12. Erode	398572	230004	506015	562270	7288
13. Coimbatore+ Tiruppur	362570	40912	206835	286499	12665
14. The Nilgiris	53075	3412	4593	18841	89
15. Tiruchirappalli	354301	49577	257271	366753	14164
16. Karur	117781	65486	218514	173591	10205
17. Perambalur+ Ariyalur	284208	22341	96175	372142	21824
18. Pudukottai	333326	31958	151078	177816	2022
19. Thanjavur	489693	34476	42123	339807	4781
20. Nagapattinam	292335	56666	33054	429924	2650
21. Thiruvarur	332124	18286	13251	375318	2047
22. Madurai	226507	12380	216416	238588	3260
23. Theni	101683	11955	52247	83454	21574
24. Dindigul	245116	68112	214143	351211	6443
25. Ramanathapuram	128566	3877	245304	234727	2804
26. Virudhunagar	262284	39977	325946	305111	14073
27. Sivagangai	280572	15183	227672	234746	5164
28. Tirunelveli	418694	787777	487273	390570	12752
29. Thoothukudi	163343	20933	202419	342180	9641
30. Kanyakumari	101712	6077	1143	100698	1266
STATE TOTAL	9141043	1658415	5593485	8177420	320868

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

(in Nos.)

<i>District</i>	<i>Horses & ponies</i>	<i>Donkeys</i>	<i>Dogs</i>	<i>Fowls</i>	<i>Poultry</i>
<i>1</i>	<i>7</i>	<i>8</i>	<i>9</i>	<i>10</i>	<i>11</i>
1. Chennai	27	7	39878	24276	33345
2. Kancheepuram	422	1178	106369	328516	353844
3. Thiruvallur	1336	735	120628	608673	654317
4. Cuddalore	1219	54	41264	323491	333043
5. Villupuram	1671	680	144690	732743	772090
6. Vellore	353	806	99894	1100428	1155183
7. Thiruvannamalai	142	153	36575	246160	252314
8. Salem	1208	478	165716	2674079	2678324
9. Namakkal	1354	146	84913	19267146	19273185
10. Dharmapuri	134	404	90855	1546253	1549232
11. Krishnagiri	161	732	547348	1289526	1293388
12. Erode	827	3074	152827	5180399	5270334
13. Coimbatore+ Tiruppur	2277	3437	153685	41968683	42028686
14. The Nilgiris	586	83	120592	74932	75599
15. Tiruchirappalli	1309	5406	37699	932418	940619
16. Karur	432	123	31746	493883	498470
17. Perambalur+ Ariyalur	89	477	34520	260483	262330
18. Pudukottai	362	1102	46994	472311	476110
19. Thanjavur	142	9	88402	626018	634546
20. Nagapattinam	864	9	83108	385633	402045
21. Thiruvarur	746	6	43076	336659	339253
22. Madurai	477	1046	58658	675968	685529
23. Theni	894	1213	18095	514278	517155
24. Dindigul	4321	569	86561	2030614	2037985
25. Ramanathapuram	396	230	15855	324317	330309
26. Virudhunagar	181	346	46520	881664	890571
27. Sivagangai	1800	45	47169	715907	720831
28. Tirunelveli	245	961	67877	1205376	12185783
29. Thoothukudi	1011	2257	35400	447566	450229
30. Kanyakumari	2	13	69717	451529	463824
STATE TOTAL	24988	25779	2716631	86119929	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 2008-09

(in Nos.)

<i>District</i>	<i>Divisions</i>	<i>Unions Panchayat</i>	<i>Clinics Poly</i>	<i>Clinician Centres</i>	<i>Hospitals</i>	<i>Dispensaries</i>
<i>1</i>	<i>2</i>	<i>3</i>	<i>4</i>	<i>5</i>	<i>6</i>	<i>7</i>
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	3	20	0	2	10	69
13. Coimbatore	5	19	1	1	15	67
14. The Nilgiris	1	4	0	1	2	12
15. Tiruchirappalli	2	14	1	0	8	46
16. Karur	1	8	0	1	2	22
17. Perambalur	1	10	0	0	2	34
18. Pudukottai	2	13	0	1	4	43
19. Thanjavur	3	14	0	2	6	55
20. Nagapattinam	2	11	0	2	3	33
21. Thiruvarur	1	10	0	1	7	31
22. Madurai	2	13	1	0	4	39
23. Theni	1	8	0	0	3	26
24. Dindigul	3	14	0	1	5	43
25. Ramanathapuram	2	11	0	0	4	27
26. Virudhunagar	2	11	0	0	5	31
27. Sivagangai	2	12	0	0	2	32
28. Tirunelveli	3	19	1	0	7	59
29. Thoothukudi	2	12	0	1	2	35
30. Kanyakumari	2	9	0	1	2	31
STATE TOTAL	65	385	6	22	139	1207

7.2 VETERINARY INSTITUTIONS AND SUB CENTRES BY DISTRICTS 2008-09
(Contd.)

(in Nos.)

<i>District</i>	<i>Mobile Units</i>	<i>Sub Centres</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>
1. Chennai	1	0	0	0
2. Kancheepuram	1	82	1	0
3. Thiruvallur	1	65	0	0
4. Cuddalore	1	89	1	0
5. Villupuram	4	90	1	0
6. Vellore	3	71	1	0
7. Thiruvannamalai	3	74	0	0
8. Salem	6	54	1	0
9. Namakkal	3	39	0	1
10. Dharmapuri	3	26	1	0
11. Krishnagiri	2	32	1	0
12. Erode	4	93	1	1
13. Coimbatore	2	97	1	0
14. The Nilgiris	3	23	1	0
15. Thiruchirappalli	2	67	1	0
16. Karur	1	46	1	0
17. Perambalur	1	31	0	0
18. Pudukottai	2	61	0	0
19. Thanjavur	3	65	1	0
20. Nagapattinam	2	44	1	0
21. Thiruvarur	1	63	0	0
22. Madurai	1	99	1	0
23. Theni	1	68	0	0
24. Dindigul	1	114	1	0
25. Ramanathapuram	0	34	0	0
26. Virudhunagar	0	63	1	0
27. Sivagangai	0	83	1	0
28. Thirunelveli	1	64	1	0
29. Thoothukudi	1	62	1	0
30. Kanyakumari	1	30	0	0
STATE TOTAL	55	1829	20	2

7.2 VETERINARY INSTITUTIONS AND SUB CENTRES BY DISTRICTS 2008-09
(Concld.)

(in Nos.)

<i>District</i>	<i>Frozen Semen Prodn. Station</i>	<i>CBFD</i>	<i>Farm</i>
<i>1</i>	<i>12</i>	<i>13</i>	<i>14</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. The Nilgiris	1	1	1
15. Thiruchirappalli	0	1	0
16. Karur	0	0	0
17. Perambalur	0	0	0
18. Pudukottai	0	1	1
19. Thanjavur	1	1	2
20. Nagapattinam	0	0	0
21. Thiruvarur	0	0	1
22. Madurai	0	1	0
23. Theni	0	0	0
24. Dindigul	0	1	0
25. Ramanathapuram	0	1	0
26. Virudhunagar	0	1	1
27. Sivagangai	0	1	1
28. Thirunelveli	0	1	1
29. Thoothukudi	0	1	0
30. 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 2008-09

<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. Mobile Veterinary Units	55
6. Sub-centres	1829
II DIAGNOSTIC FACILITIES	
7. Poultry Disease Diagnostic Lab	2
8. Animal Disease Intelligence Units	20
9. Referral Lab	1
III VACCINE PRODUCTION	
10. Bacterial Vaccines	5
11. Viral Vaccines	5
12. Vaccine Banks	10
IV LIVESTOCK FARMS	
13. Exotic Cattle Breeding Farm	1
14. Cattle Farms	7
15. Sheep Farms	3
V BREEDING FACILITIES	
16. Artificial Insemination Centres	3258
17. Semen Production Stations	3
18. Liquid Nitrogen Plants	6
19. Semen Banks	12
VI POULTRY	
20. Hatcheries	2

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

7.4 DAIRY DEVELOPMENT 2007-08

<i>Description</i>	<i>2008-09</i>
1. Total Number of functional Milk Producer's Co-operative Societies	7833
2. New MPCs organized during the year	364
3. Total number of Members in MPCs (in lakh)*	22.10
4. Total No. of pouring members (in lakh)*	4.08
5. Milk Production by societies (in llpd)*	26.27
6. No. of District Unions	17
7. State Level Federation	1
8. No. of Registered private dairies	20
9. Milk Procurement by Unions(in llpd)*	21.64
10. Milk Procurement by Regd. Private dairies (in llpd)*	18.60
11. Total procurement by Registered dairies (in llpd)*	40.24
12. Milk Marketing in Chennai City (in llpd)*	10.36
13. Milk Marketing in District Unions (in llpd)*	9.85
14. Number of Union Dairies (under district Union Control)	15
15. No. of Federation dairies (under federation control)	4
16. Handling capacity Union Dairies (in llpd)*	19.42
17. Handling capacity Federation Dairies (in llpd)*	10.00
18. Handling capacity of Regd. Private Dairies (in llpd)*	27.95
19. Number of Chilling Centres	36
20. Handling capacity of Chilling Centres (in llpd)*	13.55
21. No. of BMC units functioning	42
22. Handling capacity of BMC (in llpd)*	1.68
23. No. of Rural Milk collection routes	487
24. No. of Milk distribution routes at District level	230
25. No. of Milk distribution routes at Chennai Metro	81
26. No. of Powder Plants	4
27. Capacity for drying milk (in llpd)*	70 MTs / day
28. No. of Automatic Vending Machine Units	218

* LLLPD - Lakh Litres per day

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

7.5 ESTIMATED MILK PRODUCTION 2008-09

(in 000' Tonnes)

<i>Animal</i>	<i>2004-05</i>	<i>2005-06</i>	<i>2006-07</i>	<i>2007-08</i>	<i>2008-09</i>
1. Cows					
a) Indigenous	1264.71	812.89	811.05	799.900	791.752
b) Exotic & Crossbred	2102.29	3889.95	3984.17	4026.928	4121.654
Total	3367.00	4702.84	4795.22	4826.828	4913.406
2. Buffaloes	1416.75	770.77	765.25	759.329	760.321
Grand Total	4783.75	5473.61	5560.47	5586.157	5673.727

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

7.6 DISTRICT-WISE ESTIMATED MILK PRODUCTION 2008-09

(in '000 Tonnes)

District	Cow's Milk			Buffalo	Total Milk Production
	Indi- genous	Exotic & Cross- bred	Total		
1. Chennai	1.021	1.569	2.590	1.886	4.476
2. Kancheepuram	56.500	51.276	107.776	43.993	151.769
3. Thiruvallur	42.232	59.984	102.216	56.134	158.350
4. Cuddalore	31.910	128.801	160.711	16.023	176.734
5. Villupuram	94.048	217.551	311.599	14.356	325.955
6. Vellore	27.138	258.373	285.511	14.550	300.061
7. Thiruvannamalai	35.476	216.637	252.113	8.527	260.640
8. Salem	33.218	305.613	338.831	89.690	428.521
9. Namakkal	10.602	132.584	143.186	95.159	238.345
10. Dharmapuri	22.381	142.313	164.694	48.349	213.043
11. Krishnagiri	35.724	155.865	191.589	11.092	202.681
12. Erode	33.544	191.259	224.803	110.865	335.668
13. Coimbatore	6.527	280.216	286.743	16.219	302.962
14. The Nilgiris	3.990	99.218	103.208	2.031	105.239
15. Tiruchirappalli	17.936	189.972	207.908	19.975	227.883
16. Karur	12.365	62.168	74.533	31.464	105.997
17. Perambalur	20.559	131.075	151.634	7.486	159.120
18. Pudukottai	54.947	50.914	105.861	13.165	119.026
19. Thanjavur	40.202	158.488	198.690	20.828	219.518
20. Nagapattinam	35.881	85.967	121.848	16.699	138.547
21. Thiruvarur	29.779	124.745	154.524	7.000	161.524
22. Madurai	12.682	146.628	159.310	8.602	167.912
23. Theni	5.500	73.968	79.468	6.087	85.555
24. Dindigul	10.737	136.887	147.624	28.451	176.075
25. Ramanathapuram	19.761	40.255	60.016	3.311	63.327
26. Virudhunagar	14.180	180.517	194.697	15.274	209.971
27. Sivagangai	32.561	46.967	79.528	3.559	83.087
28. Tirunelveli	34.959	228.315	263.274	33.648	296.922
29. Thoothukudi	14.217	90.788	105.005	10.974	115.979
30. Kanyakumari	1.175	132.741	133.916	4.924	138.840
STATE TOTAL	791.752	4121.654	4913.406	760.321	5673.727

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

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

7.8 FODDER DEVELOPMENT 2008-09

<i>Activity</i>	<i>2004-05</i>	<i>2005-06</i>	<i>2006-07</i>	<i>2007-08</i>	<i>2008-09</i>
1. Total area brought under fodder Cultivation (Ha.)	3450	1193.96	718.17	880.6	1004.09
2. Distribution					
a) Slips (Lakhs)	22.58	20.03	19.80	71.989	131.427
b) Seeds (Kgs)	12.00	0.72	1.03	0.282	0.052
c) Tree Seedlings (Lakhs)	0.32	-	0.16	0.052	0.031
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>2004-05</i>	<i>2005-06</i>	<i>2006-07</i>	<i>2007-08</i>	<i>2008-09</i>
1. Number of registered Slaughter Houses	182	128	109	110	107
2. Animals slaughtered (in Lakhs)					
a) Sheep	11.287	15.713	15.823	13.434	12.825
b) Goat	13.671	13.943	20.966	21.689	22.123
c) Cattle	0.710	1.034	1.077	1.141	1.180
d) Buffalo	0.496	0.545	0.620	0.645	0.734
e) Pig	0.132	0.162	0.123	0.246	0.140
Total	26.296	31.397	38.609	37.155	37.002
3. Meat production (in Lakh Kgs.)					
					(In Million Kgs)
a) Beef	130.84	149.42	175.31	135.50	20.541
b) Mutton	123.50	171.74	173.31	164.32	15.326
c) Chevon	166.34	171.80	231.04	262.06	26.495
d) Pork	4.76	6.15	4.98	10.06	0.670
Total	425.44	499.11	584.64	638.23	63.032

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

7.10 ESTIMATED EGG PRODUCTION BY DISTRICTS 2008-09

(in Lakhs Nos.)

	<i>District</i>	<i>Desi</i>	<i>Improved</i>	<i>Total</i>
1.	Chennai	8.610	0	8.610
2.	Kancheepuram	116.421	348.619	465.040
3.	Thiruvallur	131.886	826.811	958.697
4.	Cuddalore	111.971	0	111.971
5.	Villupuram	159.976	0	159.976
6.	Vellore	116.433	125.051	241.484
7.	Thiruvannamalai	75.845	32.080	107.925
8.	Salem	255.330	3372.132	3627.462
9.	Namakkal	113.530	62454.247	62567.777
10.	Dharmapuri	160.540	2074.408	2234.948
11.	Krishnagiri	84.197	146.110	230.307
12.	Erode	158.510	10596.082	10754.592
13.	Coimbatore	118.694	729.986	848.680
14.	The Nilgiris	59.349	0	59.349
15.	Tiruchirappalli	122.509	1038.437	1160.946
16.	Karur	143.554	1777.93	1921.484
17.	Perambalur	72.408	203.286	275.694
18.	Pudukottai	97.540	0	97.540
19.	Thanjavur	145.962	119.263	265.225
20.	Nagapattinam	117.861	0	117.861
21.	Thiruvarur	87.754	0	87.754
22.	Madurai	125.007	19.729	144.736
23.	Theni	75.115	0	75.115
24.	Dindigul	166.320	412.192	578.512
25.	Ramanathapuram	100.345	0	100.345
26.	Virudhnuagar	217.066	79.580	296.646
27.	Sivagangai	186.277	0	186.277
28.	Tirunelveli	170.009	0	170.009
29.	Thoothukudi	119.541	11.970	131.511
30.	Kanyakumari	111.265	0	111.265
	STATE TOTAL	3729.825	84367.913	88097.738

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

7.11 TOTAL EGG PRODUCTION 2008-09

Classification	(in Million Nos.)	
	2007-08	2008-09
Desi	382.814	372.983
Improved	8010.850	8436.791
Total	8393.664	8809.774

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

7.12 EGG AVERAGE YIELD/LAYER 2008-09

Classification	Yield / Layer / Year (In Numbers)	
	2007-08	2008-09
a) Desi	92.478	92
b) Improved	243.819	249
c) Per Capita Availability (Egg/Year)	128	133

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