



IV.3. Production Performance: Milk Production

TABLE IV.3.1: Year and District-wise Bovine Milk Production

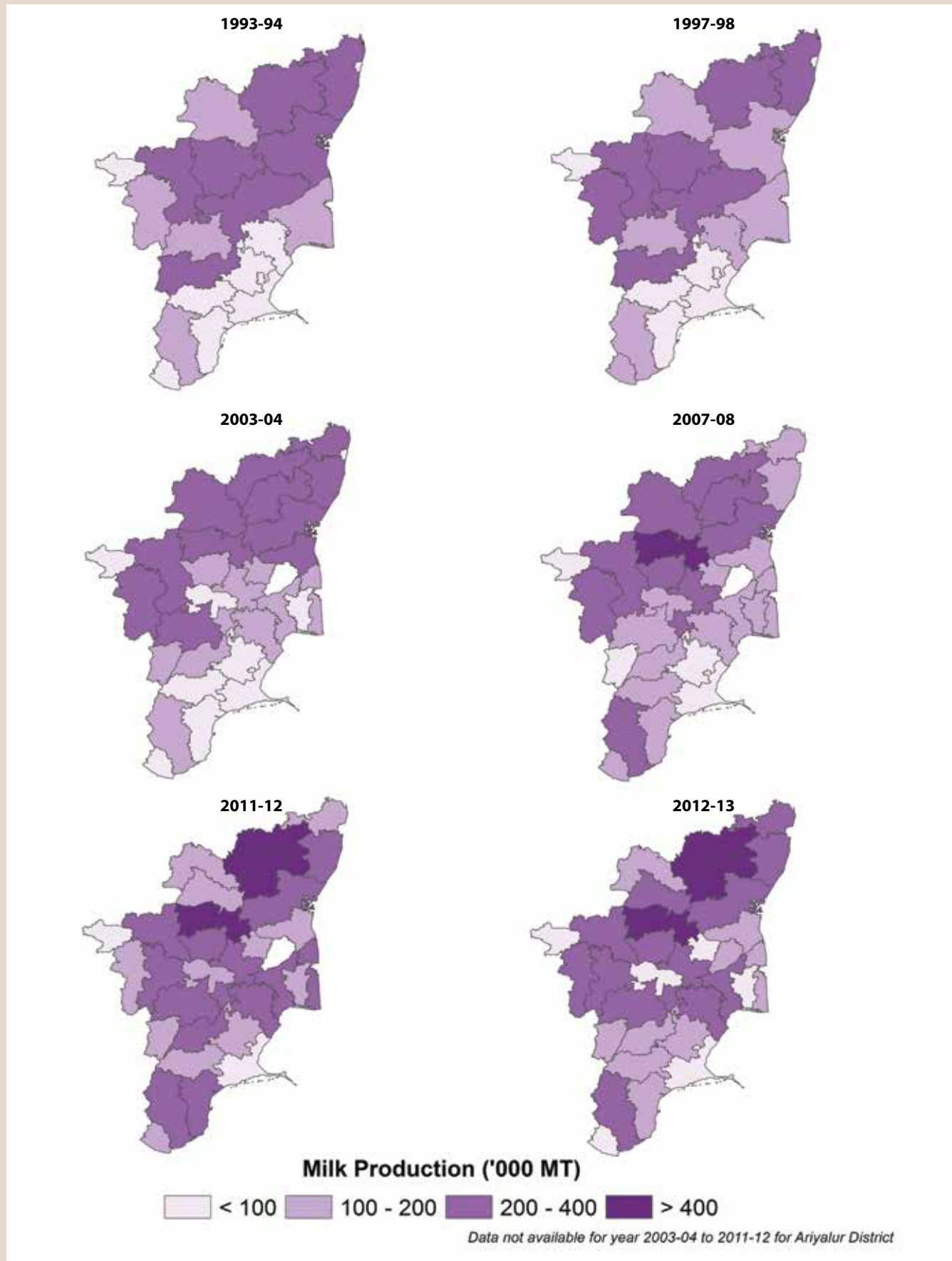
Districts	Bovine Milk Production ('000 MT)								
	1993-94	1997-98	2003-04	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
TAMIL NADU	3,524.4	4,060.6	4,752	5,586.1	5,673.8	5,778.1	6,831.3	6,967.9	7,004.8
Ariyalur									105
Chengalpattu MGR	349.6	327.8							
Chennai	50.3	59.6	34.4	3.9	4.5	4.9	7.9	8.8	
Coimbatore	199.1	224.9	255.8	333.3	302.9	332.9	340.8	191.7	215.6
Cuddalore			243.7	190.6	176.7	200.7	211.6	189.7	196.2
Dharmapuri	122.6	120.3	225.7	208.9	213	207.5	242	179.3	245.1
Dindigul		173.7	216.4	148.3	176.1	156	194	235.4	264.7
Erode	205.5	283	246.8	314.7	335.7	358.9	449.1	359.5	327.7
Kancheepuram			216.2	156	151.8	149.7	202.9	275.8	284.8
Kanniyakumari	68	104.8	79.5	126.1	138.8	143	154.4	101.8	70.6
Karur			91.9	110.1	106.1	109.3	120.4	121.7	96.8
Krishnagiri				172	202.7	194.1	200.3	199.9	195.9
Madurai	359.8	297.1	167.8	169.4	167.9	176.4	214.6	211.5	172.8
Nagapattinam		187.2	134.1	150.4	138.6	154.9	176.5	211.3	189.9
Namakkal			195.4	237.7	238.4	234.7	304.4	286.6	294.9
Perambalur			136.9	163.2	159.2	176.3	196.7	192	80.5
Pudukkottai	82.1	129.7	121.2	114	119	134	194.7	256.9	300.9
Ramanathapuram	179.6	92.8	74.1	67	63.4	69.4	78.5	60.1	65.6
Salem	329.3	319	254.6	450.6	428.5	461.3	480.5	483.6	540.2
Sivaganga		53.8	89.6	72.8	83.2	101.5	113.4	127.5	106.48
South Arcot	355	159							
Thanjavur	249.6	157	129.7	196.8	219.5	230.6	236.3	239.3	261.6
The Nilgiris	23.1	50.4	60.3	89.7	105.2	102.7	124.9	89.6	48.9
Theni			117.8	70.9	85.6	82.1	102.8	133.6	126.5
Thiruvallur			223.6	154.9	158.3	155	232.1	188.8	219.5
Thiruvarur			93.7	160.5	161.5	156.1	169.2	146.4	99.7
Thoothukkudi		91.2	90.9	105.9	116	106.1	144.9	221	133.4
Tiruchirappalli	333.2	363	172.5	224.5	227.9	226.4	256.2	247.2	300.4
Tirunelveli	199.6	123.2	153.4	296.3	296.9	283.5	330	316	347.8
Tiruppur								261.1	202.3
Tiruvannamalai		189.8	259	256.2	260.6	265.4	424.5	424.1	544.3
Vellore	417.5	225.5	306.4	312.3	300.1	284.7	348.9	422.5	412.5
Viluppuram		254.9	267.7	334.2	326	329.9	370.7	389.7	382.6
Virudhunagar		63.1	93.5	194.8	210	190.1	208.4	195.8	171.8

SOURCE: Integrated Sample Survey Reports (1993-94 to 2012-13), Directorate of Animal Husbandry and Veterinary Services, Govt. of Tamil Nadu.

NOTE: For the year 1993-94, data for Thanjavur district also includes Nagapattinam district; Madurai includes Dindigul; Ramanathapuram includes Sivaganga and Virudhunagar; Tirunelveli includes Thoothukkudi; Vellore includes Tiruvannamalai.



District-wise Bovine Milk Production





IV.3. Production Performance: Milk Production

TABLE IV.3.2: Year and District-wise Indigenous Cattle Milk Production

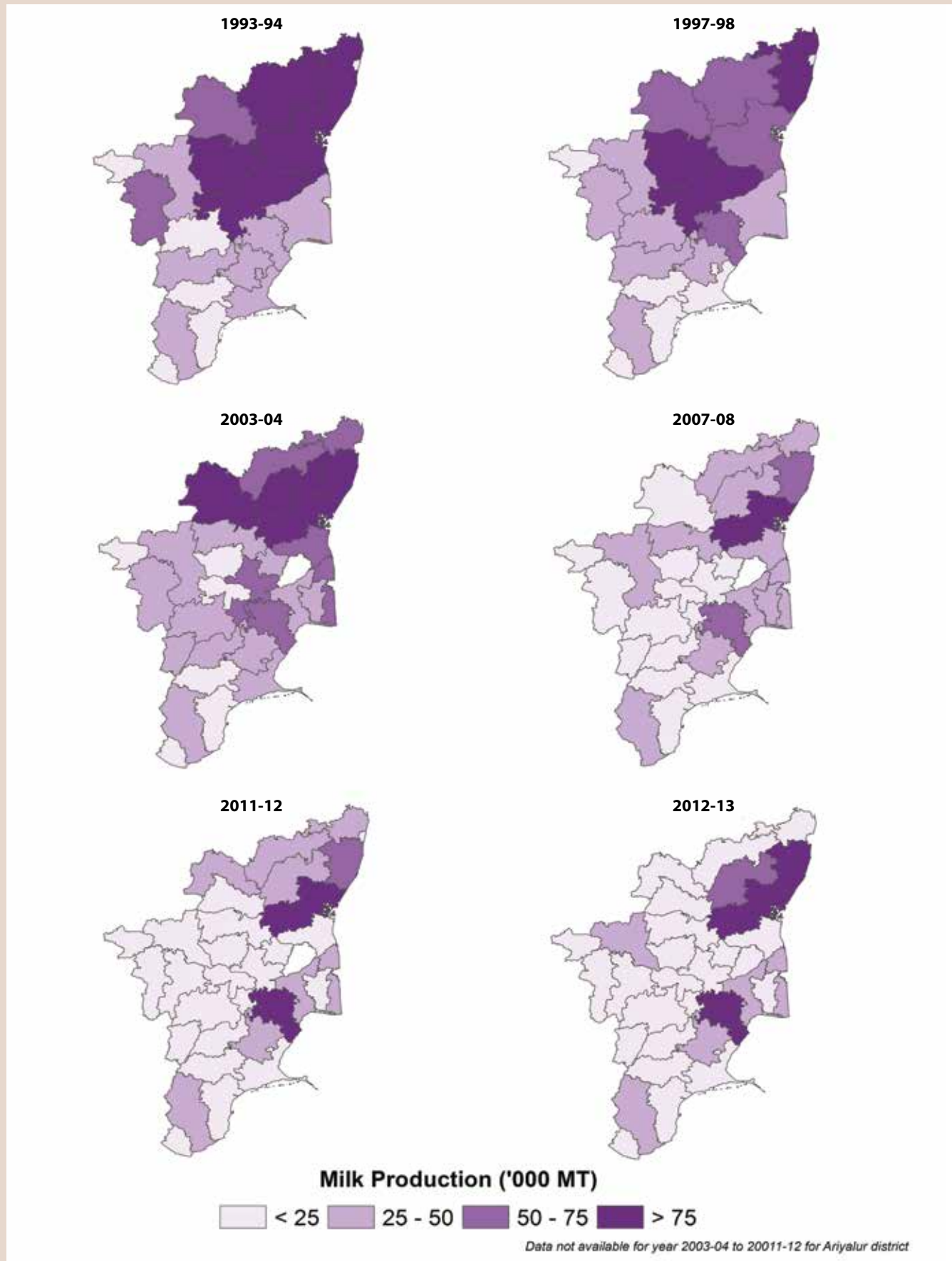
Districts	Indigenous Cattle Milk Production ('000 MT)								
	1993-94	1997-98	2003-04	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
TAMIL NADU	1,283.5	1,086.7	1,278.0	799.9	791.8	789.2	774.3	776.5	719.3
Ariyalur									17.5
Chengalpattu MGR	150.8	96.5							
Chennai	7.8	8.9	4.3	0.6	1.0	1.0	1.4	1.1	
Coimbatore	58.0	35.7	37.6	7.8	6.5	8.0	5.2	4.6	6.6
Cuddalore			64.2	28.9	31.9	28.9	28.9	23.6	23.8
Dharmapuri	70.6	60.1	75.5	20.8	22.4	19.3	22.3	13.0	8.9
Dindigul		27.6	26.2	10.1	10.7	10.8	12.6	23.1	14.0
Erode	38.2	36.1	42.3	37.3	33.5	29.4	33.0	22.4	27.5
Kancheepuram			85.4	55.9	56.5	54.3	56.4	67.3	80.3
Kanniyakumari	10.4	8.3	8.2	1.4	1.2	1.3	1.2	2.0	0.9
Karur			21.3	14.5	12.4	14.1	12.8	11.9	7.6
Krishnagiri				32.3	35.7	26.2	33.0	25.4	19.5
Madurai	54.1	46.3	41.4	11.3	12.7	13.6	14.0	16.4	13.7
Nagapattinam		65.1	65.4	39.8	35.9	37.7	33.5	32.2	26.0
Namakkal			21.6	10.3	10.6	11.0	10.9	12.9	16.3
Perambalur			33.1	20.3	20.6	20.6	21.9	16.8	2.1
Pudukkottai	41.1	58.0	53.7	59.4	54.9	58.8	51.5	89.2	77.4
Ramanathapuram	74.7	24.5	30.0	20.2	19.8	20.3	13.9	0.4	2.2
Salem	94.9	83.6	44.6	38.8	33.2	34.5	35.8	24.8	18.4
Sivaganga		26.4	47.6	28.6	32.6	39.0	40.4	39.6	34.5
South Arcot	175.3	53.7							
Thanjavur	98.3	41.2	31.4	41.9	40.2	45.2	45.7	38.6	38.0
The Nilgiris	4.4	6.7	6.2	5.1	4.0	4.3	1.6	1.1	1.6
Theni			27.0	5.1	5.5	5.8	4.8	4.4	3.6
Thiruvallur			50.1	40.9	42.2	42.0	36.9	32.8	15.4
Thiruvarur			39.4	40.7	29.8	35.6	35.3	22.6	14.7
Thoothukkudi		19.0	16.3	9.4	14.2	11.5	11.4	13.9	7.6
Tiruchirappalli	108.3	82.2	52.7	19.2	17.9	20.7	17.4	19.8	17.9
Tirunelveli	66.3	36.1	34.1	35.9	35.0	32.2	33.3	37.2	34.7
Tiruppur								7.5	6.4
Tiruvannamalai		73.2	104.4	40.3	35.5	35.4	38.0	29.6	62.2
Vellore	230.3	73.5	63.0	33.5	27.1	32.0	33.8	33.2	22.9
Viluppuram		101.1	134.3	78.5	94.0	84.0	75.6	90.4	84.6
Virudhunagar		13.1	17.5	10.8	14.2	11.6	12.3	18.7	12.6

SOURCE: Integrated Sample Survey Reports (1993-94 to 2012-13), Directorate of Animal Husbandry and Veterinary Services, Govt. of Tamil Nadu.

NOTE: For the year 1993-94, data for Thanjavur district also includes Nagapattinam district; Madurai includes Dindigul; Ramanathapuram includes Sivaganga and Virudhunagar; Tirunelveli includes Thoothukkudi; Vellore includes Tiruvannamalai.



District-wise Indigenous Cattle Milk Production





IV.3. Production Performance: Milk Production

TABLE IV.3.3: Year and District-wise Crossbred Cattle Milk Production

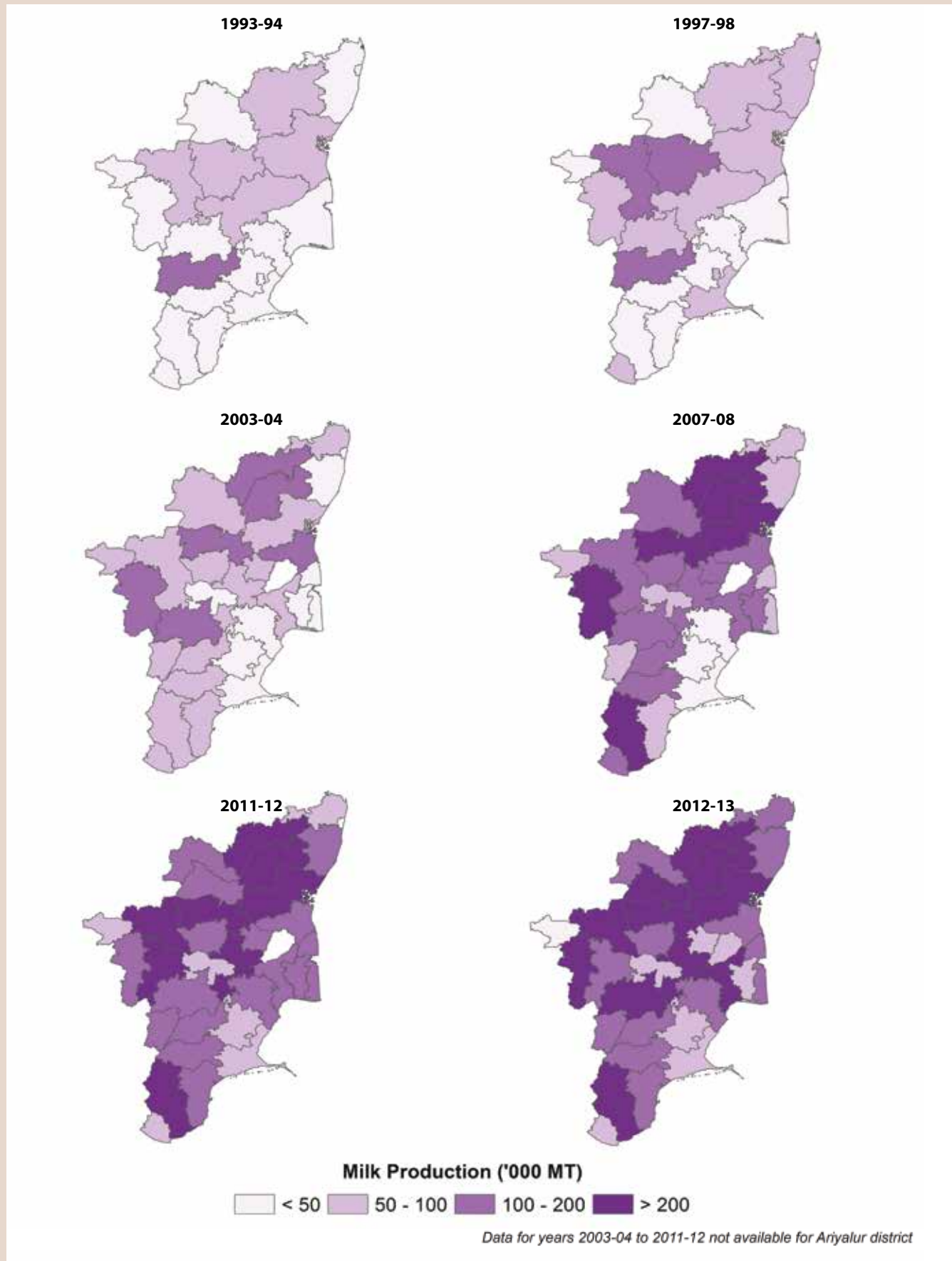
Districts	Crossbred Cattle Milk Production ('000 MT)								
	1993-94	1997-98	2003-04	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
TAMIL NADU	818.8	1,345.1	2,045.0	4,026.9	4,121.7	4,227.4	5,246.9	5,412.4	5,580.3
Ariyalur									81.7
Chengalpattu MGR	25.2	52.6							
Chennai	4.8	6.8	11.2	1.5	1.6	2.2	3.3	5.2	
Coimbatore	46.6	65.4	165.5	310.1	280.2	306.5	319.1	180.5	202.8
Cuddalore			126.6	142.8	128.8	156.7	163.8	151.0	163.7
Dharmapuri	17.6	23.5	88.1	141.6	142.3	138.2	174.4	137.3	205.5
Dindigul		54.8	114.8	113.4	136.9	118.4	148.3	179.0	210.3
Erode	71.6	112.6	74.2	175.1	191.3	195.9	298.0	230.1	235.8
Kancheepuram			47.3	54.4	51.3	54.5	95.8	145.7	129.2
Kanniyakumari	45.0	84.5	66.5	119.6	132.7	139.0	150.4	97.4	69.2
Karur			24.1	63.8	62.2	58.2	72.7	78.8	67.4
Krishnagiri				131.3	155.9	155.1	157.7	163.7	167.9
Madurai	144.5	156.4	84.7	145.5	146.6	152.4	191.2	186.6	154.5
Nagapattinam		47.5	26.1	91.9	86.0	96.0	124.3	160.3	149.2
Namakkal			61.1	123.2	132.6	126.2	191.0	177.2	182.4
Perambalur			63.9	133.0	131.1	147.1	162.1	166.7	77.1
Pudukkottai	13.7	27.8	37.0	41.3	50.9	61.9	128.4	143.5	194.5
Ramanathapuram	51.7	50.7	27.4	43.3	40.3	46.0	61.7	58.2	61.8
Salem	57.2	103.7	130.9	323.9	305.6	336.8	351.4	385.9	465.1
Sivaganga		14.9	30.4	40.0	47.0	58.6	69.0	85.0	68.7
South Arcot	91.8	52.2							
Thanjavur	52.8	44.1	57.4	139.2	158.5	169.5	174.6	187.3	208.2
The Nilgiris	16.0	37.3	52.2	83.0	99.2	97.3	121.1	87.4	46.2
Theni			65.6	59.7	74.0	71.3	92.6	126.8	120.3
Thiruvallur			53.0	57.4	60.0	65.8	138.5	97.3	143.4
Thiruvarur			31.4	109.7	124.7	114.2	127.3	118.0	81.1
Thoothukkudi		25.7	58.9	88.7	90.8	85.3	105.7	188.4	114.1
Tiruchirappalli	53.2	92.8	62.2	185.6	190.0	184.4	215.4	204.6	262.7
Tirunelveli	31.5	28.1	74.1	232.2	228.3	226.6	263.7	238.0	266.7
Tiruppur								228.2	164.9
Tiruvannamalai		69.9	113.1	203.6	216.6	221.6	374.5	384.5	474.0
Vellore	95.5	79.9	181.1	259.0	258.4	240.3	302.3	370.0	375.6
Viluppuram		94.1	58.0	239.3	217.6	235.6	283.4	286.7	286.1
Virudhunagar		19.8	57.3	174.1	180.5	165.9	185.2	163.2	150.2

SOURCE: Integrated Sample Survey Reports (1993-94 to 2012-13), Directorate of Animal Husbandry and Veterinary Services, Govt. of Tamil Nadu.

NOTE: For the year 1993-94, data for Thanjavur district also includes Nagapattinam district; Madurai includes Dindigul; Ramanathapuram includes Sivaganga and Virudhunagar; Tirunelveli includes Thoothukkudi; Vellore includes Tiruvannamalai.



District-wise Crossbred Cattle Milk Production





IV.3. Production Performance: Milk Production

TABLE IV.3.4: Year and District-wise Buffalo Milk Production

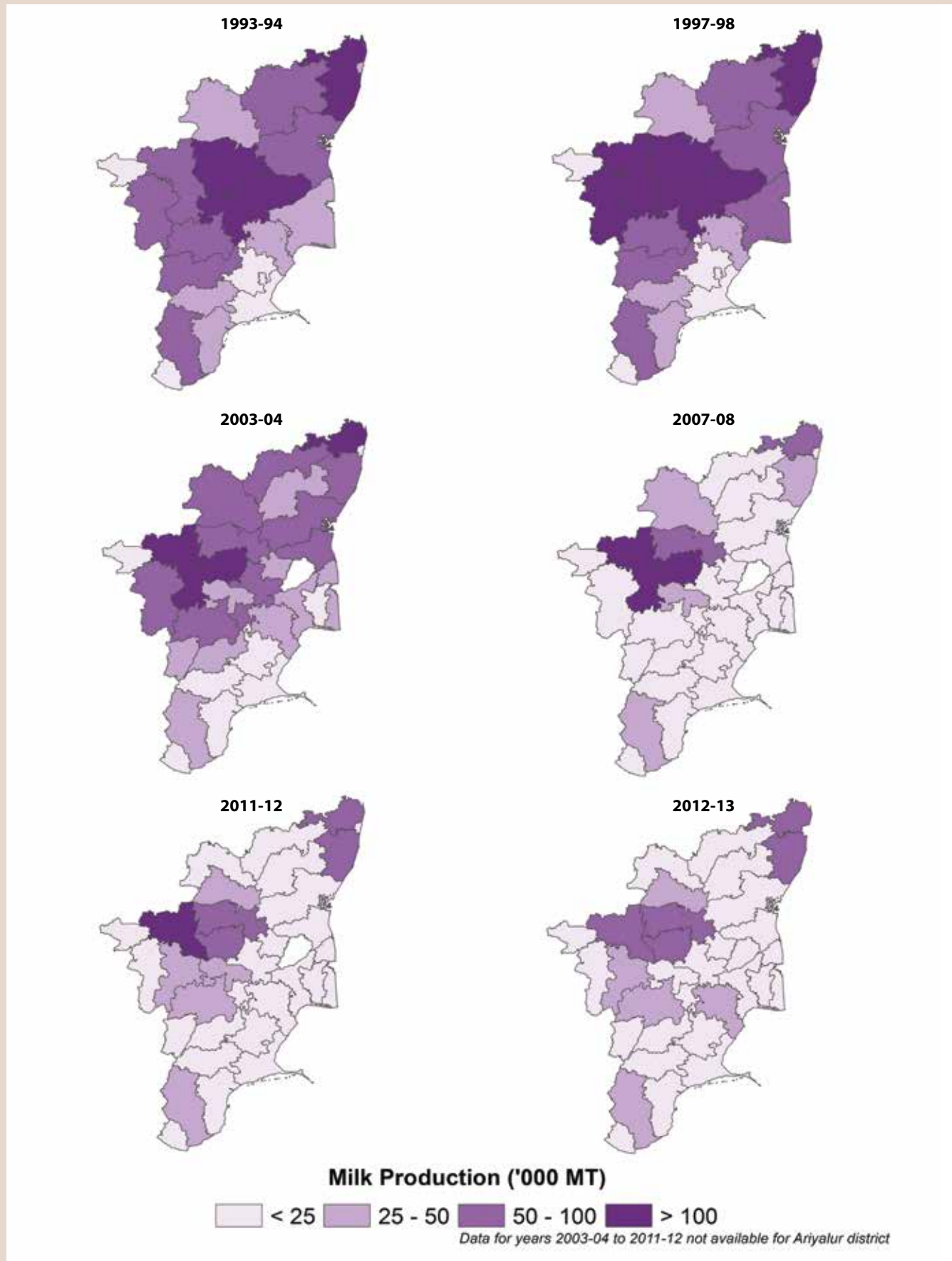
Districts	Buffalo Milk Production ('000 MT)								
	1993-94	1997-98	2003-04	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
TAMIL NADU	1,422.1	1,628.8	1,429.0	759.3	760.3	761.5	810.1	779.0	705.2
Ariyalur									5.8
Chengalpattu MGR	173.6	178.7							
Chennai	37.7	43.9	18.9	1.8	1.9	1.7	3.2	2.5	
Coimbatore	94.5	123.8	52.7	15.4	16.2	18.4	16.5	6.6	6.2
Cuddalore			52.9	18.9	16.0	15.1	18.9	15.1	8.7
Dharmapuri	34.4	36.7	62.1	46.5	48.3	50.0	45.3	29.0	30.7
Dindigul		91.3	75.4	24.8	28.5	26.8	33.1	33.3	40.4
Erode	95.7	134.3	130.3	102.3	110.9	133.6	118.1	107.0	64.4
Kancheepuram			83.5	45.7	44.0	40.9	50.7	62.8	75.3
Kanniyakumari	12.6	12.0	4.8	5.1	4.9	2.7	2.8	2.4	0.5
Karur			46.5	31.8	31.5	37.0	34.9	31.0	21.8
Krishnagiri				8.4	11.1	12.8	9.6	10.8	8.5
Madurai	161.2	94.4	41.7	12.6	8.6	10.4	9.4	8.5	4.6
Nagapattinam		74.6	42.6	18.7	16.7	21.2	18.7	18.8	14.7
Namakkal			112.7	104.2	95.2	97.5	102.5	96.5	96.2
Perambalur			39.9	9.9	7.5	8.6	12.7	8.5	1.3
Pudukkottai	27.3	43.9	30.5	13.3	13.2	13.3	14.8	24.2	29.0
Ramanathapuram	53.2	17.6	16.7	3.5	3.3	3.1	2.9	1.5	1.6
Salem	177.2	131.7	79.1	87.9	89.7	90.0	93.3	72.9	56.7
Sivaganga		12.5	11.6	4.2	3.6	3.9	4.0	2.9	3.28
South Arcot	87.9	53.1							
Thanjavur	98.5	71.7	40.9	15.7	20.8	15.9	16.0	13.4	15.4
The Nilgiris	2.7	6.4	1.9	1.6	2.0	1.1	2.2	1.1	1.1
Theni			25.2	6.1	6.1	5.0	5.4	2.4	2.6
Thiruvallur			120.5	56.6	56.1	47.2	56.7	58.7	60.7
Thiruvarur			22.9	10.1	7.0	6.3	6.6	5.8	3.9
Thoothukkudi		46.5	15.7	7.8	11.0	9.3	27.8	18.7	11.7
Tiruchirappalli	171.7	188.0	57.6	19.7	20.0	21.3	23.4	22.8	19.8
Tirunelveli	101.8	59.0	45.2	28.2	33.6	24.7	33.0	40.8	46.4
Tiruppur								25.4	31.0
Tiruvannamalai		46.7	41.5	12.3	8.5	8.4	12.0	10.0	8.1
Vellore	91.7	72.1	62.3	19.8	14.6	12.4	12.8	19.3	14.0
Viluppuram		59.7	75.4	16.4	14.4	10.3	11.7	12.6	11.9
Virudhunagar		30.2	18.7	9.9	15.3	12.6	10.9	13.9	9.0

SOURCE: Integrated Sample Survey Reports (1993-94 to 2012-13), Directorate of Animal Husbandry and Veterinary Services, Govt. of Tamil Nadu.

NOTE: For the year 1993-94, data for Thanjavur district also includes Nagapattinam district; Madurai includes Dindigul; Ramanathapuram includes Sivaganga and Virudhunagar; Tirunelveli includes Thoothukkudi; Vellore includes Tiruvannamalai.



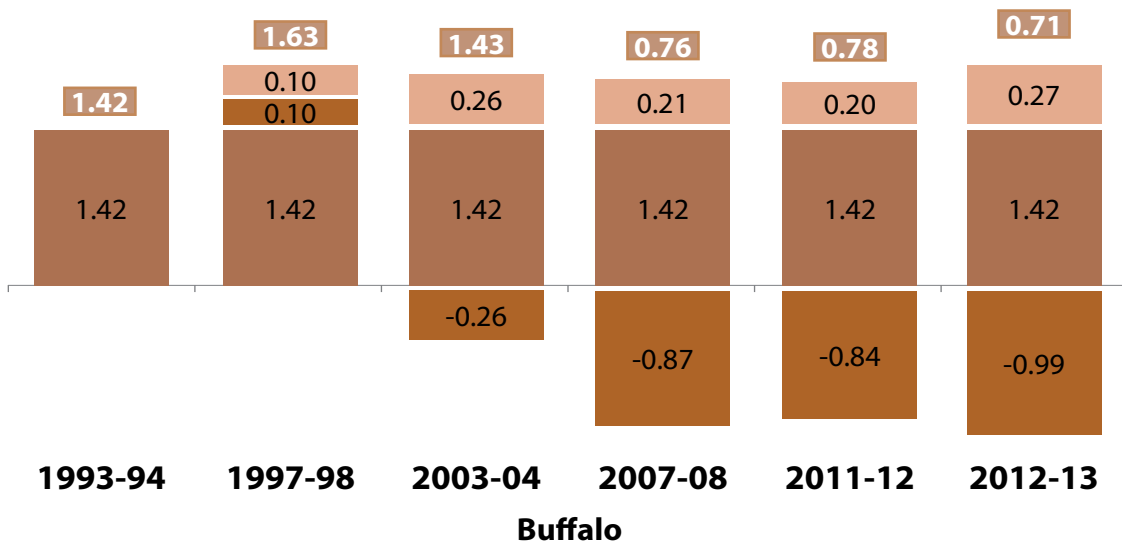
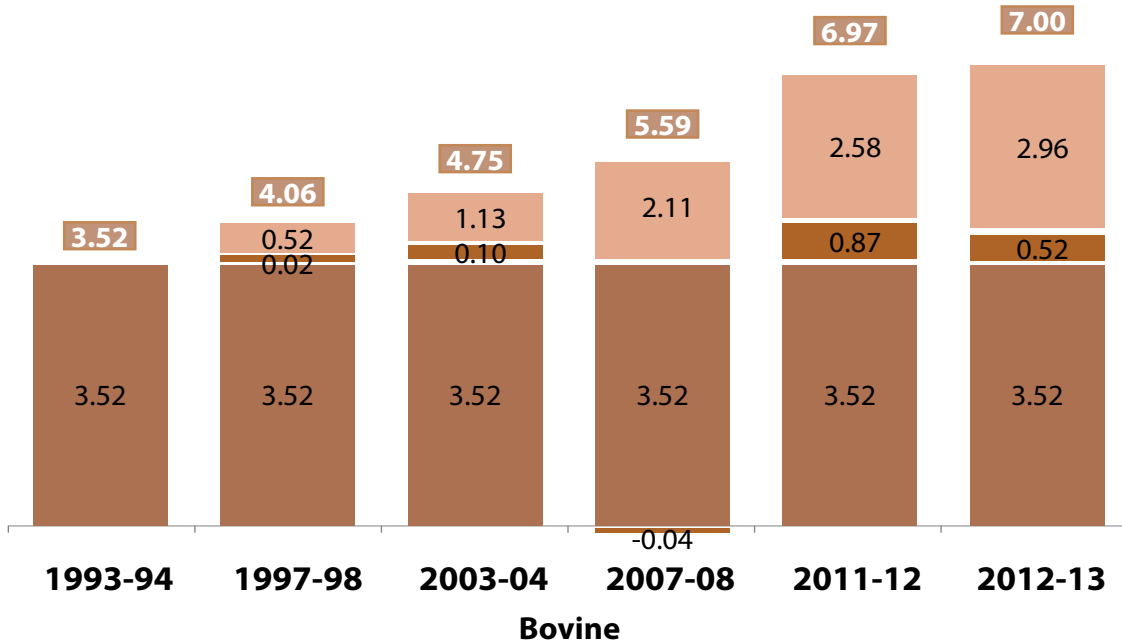
District-wise Buffalo Milk Production





Tamil Nadu's Milk Production (MMT)

(Change due to no. of in-milk animals & average yield)



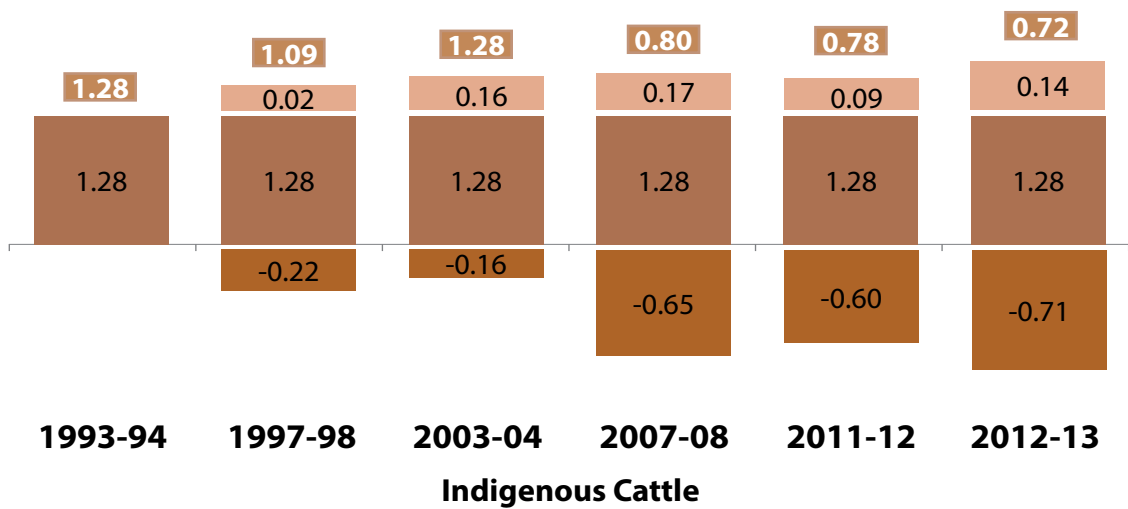
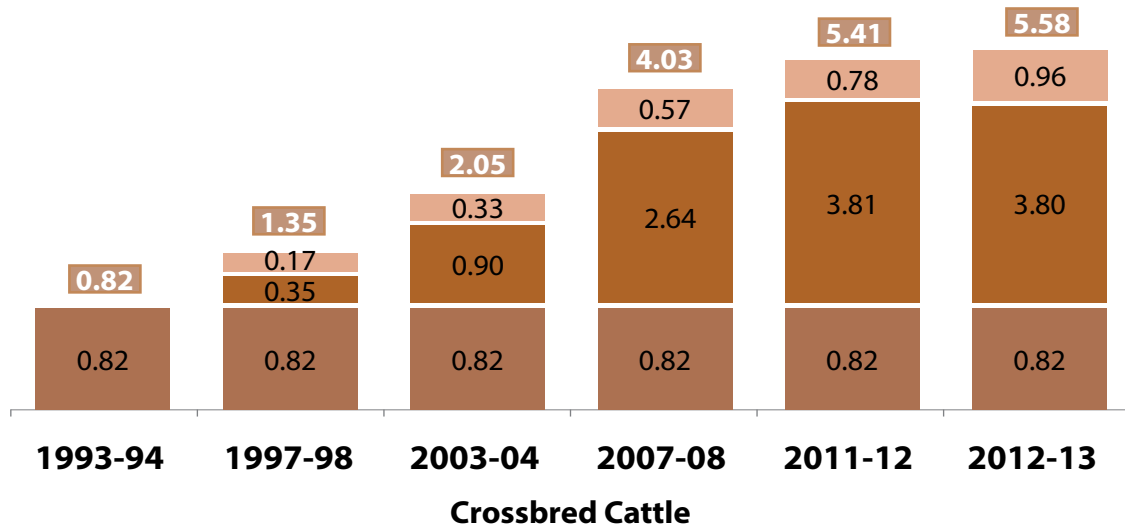
- Milk production in base year - 1993-1994 - MMT.
- Total milk production - MMT.
- Increase in total production due to change in numbers of in-milk animals - MMT.
- Increase in total milk production due to change in average yield - MMT.





Tamil Nadu's Milk Production (MMT)

(Change due to no. of in-milk animals & average yield)



- Milk production in base year - 1993-1994 - MMT.
- Total milk production - MMT.
- Increase in total production due to change in numbers of in-milk animals - MMT.
- Increase in total milk production due to change in average yield - MMT.





IV.3. Production Performance: Milk Production

TABLE IV.3.5: Year and District-wise Milk Production Density

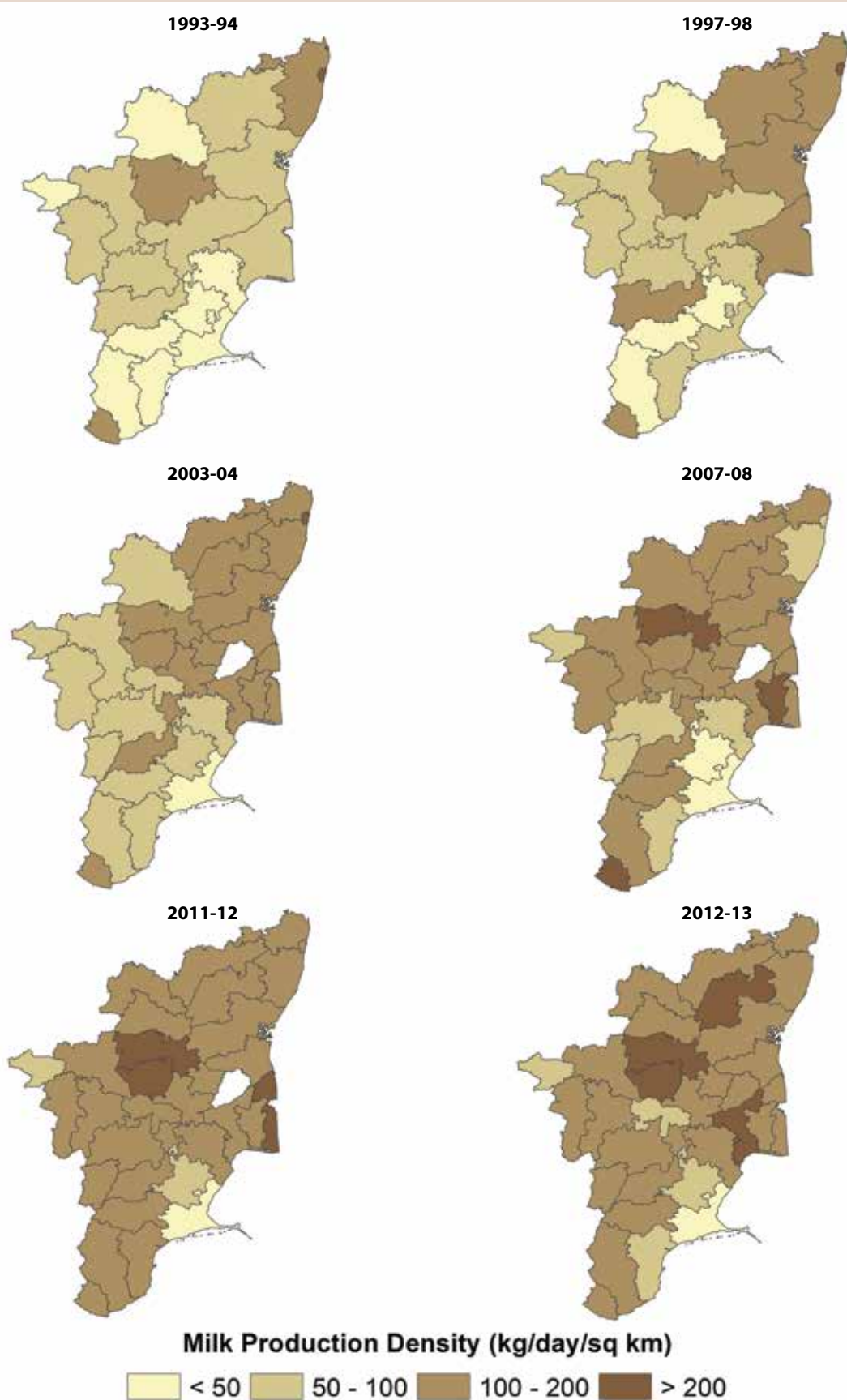
Districts	Milk Production Density (kg/day/sq km)								
	1993-94	1997-98	2003-04	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
TAMIL NADU	74	85	100	117	119	121	144	146	147
Ariyalur									149
Chengalpattu MGR	122	114							
Chennai	806	955	551	62	72	79	127	141	
Coimbatore	73	82	94	122	111	122	125	111	125
Cuddalore			182	142	132	150	158	141	146
Dharmapuri	35	34	64	127	130	126	147	109	149
Dindigul		76	95	65	77	68	85	103	116
Erode	69	95	83	106	113	120	151	172	157
Kancheepuram			134	96	94	93	125	170	176
Kanniyakumari	111	172	130	207	227	234	253	167	116
Karur			87	104	100	103	114	115	92
Krishnagiri				92	108	103	107	106	104
Madurai	74	117	123	124	123	129	157	155	127
Nagapattinam		107	135	152	140	156	178	213	192
Namakkal			159	193	194	191	248	233	240
Perambalur			102	121	118	131	146	143	126
Pudukkottai	48	76	71	67	70	79	114	151	177
Ramanathapuram	39	62	50	45	42	46	53	40	44
Salem	105	102	134	237	226	243	253	255	284
Sivaganga		35	59	48	54	66	74	83	70
South Arcot	89	118							
Thanjavur	83	127	105	159	177	186	191	193	211
The Nilgiris	25	54	65	97	113	111	135	96	53
Theni			100	60	72	69	87	113	107
Thiruvallur			179	124	127	124	186	151	176
Thiruvarur			122	210	211	204	221	191	130
Thoothukkudi		53	53	62	68	62	84	129	78
Tiruchirappalli	83	91	107	140	142	141	159	154	187
Tirunelveli	48	50	62	120	120	115	134	128	141
Tiruppur								138	107
Tiruvannamalai		82	112	111	113	115	184	184	236
Vellore	94	104	142	145	139	132	161	196	191
Viluppuram		97	102	127	124	125	141	148	145
Virudhunagar		41	60	126	136	123	135	126	111

SOURCE: Estimated from Integrated Sample Survey Reports (1993-94 to 2012-13), Directorate of Animal Husbandry and Veterinary Services, Govt. of Tamil Nadu.

NOTE: For the year 1993-94, data for Thanjavur district also includes Nagapattinam district; Madurai includes Dindigul; Ramanathapuram includes Sivaganga and Virudhunagar; Tirunelveli includes Thoothukkudi; Vellore includes Tiruvannamalai.



District-wise Milk Production Density



Data not available for years 2003-04 to 2011-12 for Ariyalur District