



V.3. Service Delivery System - Animal Health

TABLE V.3.1: District-wise Vaccination Performed for Foot-and-Mouth Disease by Government of Tamil Nadu

Districts	Foot-and-Mouth Disease Vaccination ('000)									
	1992-93	2001-02 [^]	2003-04	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14
TAMIL NADU	321.9	354.3	2,128.1	7,541.2	13,390.2	9,525.9	8,832.2	13,194.3	10,266.1	20,080.9
Ariyalur		7.4			169.3	82	61.3	108.4	190.5	323.8
Chennai	0.2		7.1	0.3	1.2	2	1.7	1	6.7	23.5
Chengalpattu MGR	10.8									
Coimbatore	11.8	21.0	97	328.6	527.9	542.1	265.8	267.4	327.8	615.2
Cuddalore		19.9	98.1	293.5	553.2	292.7	261.2	504.1	254.6	723
Dharmapuri	5.5	9.9	142.8	380.3	531.4	422	321.2	487.7	517.3	503.7
Dindigul	17.3	15.9	82.9	270.8	237.7	186.7	216.1	317.3	320.4	463.9
Erode	9.2	14.7	148.7	369.3	523.1	625.6	528.5	687.8	412.1	1,059.3
Kancheepuram		9.5	77.1	438.6	640.1	274.8	353.5	713.5	567.7	1,091.3
Kanniyakumari	6.2		45.9	41	0	0	0	0	0	0
Karur		6.6	44.2	35.7	400.9	146.1	279	301.6	141	261.6
Krishnagiri				269.9	601.7	299.5	23.6	573.1	484.1	1,067.9
Madurai	40.7	70.1	71.4	142.6	409.5	208.9	237.1	292.9	192	491.6
Nagapattinam	2.6	8.1	35.9	242.7	525.3	260.9	42.6	414.3	370	793.2
Namakkal		11.9	99.1	337.6	702.2	350.5	772.9	510.8	403.3	1,007.2
Perambalur			47.8	82.6	120.8	68	44.4	122.2	121.7	338.1
Pudukkottai	1.3		40.9	227.1	279.2	355.8	343	442.1	430.5	692
Ramanathapuram	13.3	1.8	22.6	51	139.0	111.4	73.6	179.9	126.6	193.3
Salem	16.5	19.2	86.2	480.2	1,179.9	540.5	1,089.6	970.9	721.6	968
Sivaganga	5.1	5.6	49.6	148.1	286.8	314.9	238.8	259.5	122.6	250.4
South Arcot	13.7									
Thanjavur	10.7	17.6	91.4	396.7	662.7	314.9	341.8	465.9	415.7	687.8
The Nilgiris			33.2	47.2	16.9	50.9	9.8	6	58.7	74.8
Theni		0.3	40.9	95.8	179.7	541	70.7	96.1	100.9	161
Thiruvallur		7.9	120	366.1	290.2	332.4	208.4	381.1	234.6	664.3
Thiruvarur		17.7	9.5	458.1	558.4	270	270	287.8	288	639.4
Thoothukkudi	9.8	8.3	25.7	91	88.9	110.3	157.2	160.9	104.6	300.4
Tiruchirappalli	27.8	14.4	61.1	306.9	326.6	299.8	333.6	539.7	495.8	666.7
Tirunelveli	85.8	15.0	104.2	292.4	475.3	421.8	375.1	688.9	372.4	729.5
Tiruppur						338.9	406.1	490.2	414.6	424.4
Tiruvannamalai	9.9	13.7	127.5	430.1	826.9	330.9	454.2	770.7	712.8	1,429.7
Vellore	3.9	22.9	194.1	428.4	951.2	453.5	456	830	631.1	1,393.2
Viluppuram		8.1	86.7	336.2	749.7	695.3	412.2	979.3	497.3	1,541.7
Virudhunagar	18.9	6.8	36.7	152.3	433.9	282	183.5	343.6	228.8	501

NOTE: 2003-04 to 2013-14 FMD vaccination done for cattle only.

[^] Vaccination done by Veterinary Dispensaries and Mobile Veterinary Dispensaries.

SOURCE: Annual Administrative Reports, Animal Husbandry Department, Tamil Nadu and Directorate of Animal Husbandry and Veterinary Services, Govt. of Tamil Nadu, Chennai.



V.3. Service Delivery System - Animal Health

TABLE V.3.2: District-wise Vaccination Performed for Haemorrhagic Septicaemia by Government of Tamil Nadu

Districts	Haemorrhagic Septicaemia Vaccination ('000)									
	1992-93	2001-02 [^]	2003-04	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14
TAMIL NADU	1,226.1	1,169.7	1,084.1	2,543.3	2,046.0	581.4	371.3	708.1	460.7	508.9
Ariyalur		35.0			15.4	13	10.1	2.1	2.2	6.7
Chengalpattu MGR	190.9									
Chennai	0.1		1.3	1.2	0.7	1.1	0*	0	0.4	0
Coimbatore	61.9	81.9	110.3	80.1	38.2	20.5	5.4	1.8	0	0.1
Cuddalore		79.7	48.9	125.9	77.8	6.8	3.6	1.5	0	0
Dharmapuri	96.9	39.9	38.9	10.8	1.4	3.5	6.1	0	0*	48.4
Dindigul	15.0	19.2	18.1	5.1	11.7	0*	0	0	0.3	0
Erode	25.5	54.3	51.8	4.7	16.9	23.2	4.5	14.8	0	7
Kancheepuram		52.9	97.8	428.3	410.8	82.3	47.4	589.2	353.3	76.2
Kanniyakumari	6.5		1.4	0.2	0.1	0.1	0	0.1	0	0
Karur		153.6	14.8	4.9	0.3	1.4	4.7	0	0	0.4
Krishnagiri			0	5.7	1.0	0.6	0	0	0	0
Madurai	19.0	10.2	20.6	28.4	18.8	10.7	13.8	7	4.9	10.5
Nagapattinam	112.9	27.3	12.7	9.9	48.7	6.2	11.6	9.5	26.8	100
Namakkal		48.5	25.4	4.3	1.8	0.7	4.6	1.5	0.8	15
Perambalur			22.1	27.8	7.4	8.6	6.2	3.7	0	0
Pudukkottai	44.4		28.8	47.4	0.5	11.9	4.9	0*	0.8	0.4
Ramanathapuram	15.7	10.8	8.2	3.3	0.5	2.1	3.1	0	0	0
Salem	96.3	88.2	97.4	11.3	0.9	0.3	0.6	1.4	12.2	0
Sivaganga	11.0	11.3	20.3	5.3	1.8	1.9	2.3	1.9	3.1	0.4
South Arcot	179.6									
Thanjavur	66.5	78.3	25.8	5.5	7.7	6.2	18.9	4	1.9	0.3
The Nilgiris	4.8		0.3	1	0	0.4	1.1	0	0	0
Theni		0.3	8	41.9	15.2	5.5	3.7	0.3	0	2.8
Thiruvallur		26.6	69.9	322.8	36.6	50.8	53.5	42.3	33.1	0
Thiruvarur		28.1	13.9	12.7	15.0	4.2	3.1	0.3	0	100.6
Thoothukkudi	26.3	37.1	21.1	8.4	1.8	0.5	1.3	0	0	44.9
Tiruchirappalli	43.3	28.0	7.9	13.1	0.4	7.4	5	1.5	0.2	0
Tirunelveli	80.9	65.4	57.2	47.1	422.2	91.3	7.1	7.7	3.9	0.9
Tiruppur						1.7	0.4	0.5	0	0
Tiruvannamalai	56.9	40.7	49.8	36	12.0	7.4	24	8	5	1.3
Vellore	50.5	138.9	132.3	481.7	104.4	156.3	122.9	8.6	10.4	44.3
Viluppuram		5.1	59.5	759.4	771.0	53.3	0	0.2	0.8	48.8
Virudhunagar	20.6	8.4	19.6	8.8	4.8	1.5	1.6	0.2	0.5	0

* Negligible.

[^] Vaccination done by Veterinary Dispensaries and Mobile Veterinary Dispensaries.

SOURCE: Annual Administrative Reports, Animal Husbandry Department, Tamil Nadu and Directorate of Animal Husbandry and Veterinary Services, Govt. of Tamil Nadu, Chennai.



V.3. Service Delivery System - Animal Health

TABLE V.3.3: District-wise Vaccination Performed for Black Quarter by Government of Tamil Nadu

Districts	Black Quarter Vaccination ('000)									
	1992-93	2001-02 [^]	2003-04	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14
TAMIL NADU	1,238	987.4	892.4	2,261.9	2,110.8	878.6	577.4	442.5	336.8	380.1
Ariyalur		20.3			13.3	13	7.7	5.2	3.7	2.8
Chennai	0	0	0.4	1.3	0	0	0.2	0	0	0
Chengalpattu MGR	59.2									
Coimbatore	19.5	49.3	88.3	79.1	36.7	22.3	10.7	0.9	0	0.2
Cuddalore		88.4	33.5	202.5	266.2	64.4	40.4	33.8	57.2	54.1
Dharmapuri	109.7	47.1	32.6	23.1	1.6	2.5	1.1	0.8	0	0.7
Dindigul	15.5	19.1	17.5	18.1	225.6	68.5	4.5	12.1	0.3	0
Erode	34.4	53.1	43.2	24.6	376.6	89.5	63.3	16.9	22.4	18.4
Kancheepuram		29.5	21	388	20.6	93.8	67.3	94.8	102.3	137.2
Kanniyakumari	0.7		0.3	1.3	0.2	0.1	0*	0	0	0
Karur		12.4	14	5.1	177.1	72.4	36.7	23.2	6.1	0.9
Krishnagiri			0	10.6	2.1	1.1	0	0	0	0
Madurai	58.4	19.5	19.7	27.5	11.7	5.4	1.4	2	0.2	1.5
Nagapattinam	129.1	19.1	14	4.2	21.7	5.6	10.5	9.4	16.1	3.5
Namakkal		29.5	21.5	5.3	1.9	110	15.5	1.9	0.4	0
Perambalur			16.8	29.3	7.3	4.1	5.4	1.1	0	0
Pudukkottai	54.7		23.9	108.6	245.5	55.2	31.3	71	2	0.3
Ramanathapuram	41.8	7.9	4.3	2.4	0.1	0.3	0	0	0	0
Salem	98.6	88.1	82.6	12.1	2.3	4.4	91.1	3.5	0	13
Sivaganga	40.7	35.2	32.2	208.5	11.0	13.8	19	10.2	3.7	5.1
South Arcot	181.1									
Thanjavur	82.4	93.6	35.4	134.3	42.7	38.9	25.7	30.6	6.3	5.9
The Nilgiris	6.2		0.8	3.2	60.0	0.6	16.8	0	0	0
Theni		0.2	6.5	23	13.9	3.2	1.1	0	0	0.5
Thiruvallur		17.1	54.5	34.5	16.5	10.6	18.2	12.2	38.1	0
Thiruvarur		26.5	13.4	9.6	32.4	8.8	4.6	0.4	0	0
Thoothukkudi	21.4	29.3	15.7	6.6	1.1	67.3	0	0	0	0
Tiruchirappalli	58.5	24.3	8.2	13.9	0.2	1.7	1	0.4	0	0
Tirunelveli	48.7	44.2	41.4	20.3	6.1	1.2	0.5	1.6	5	0
Tiruppur						13.8	1.7	0.2	0	0
Tiruvannamalai	106.4	61.6	48.6	42.9	21.3	14.7	16	4.2	3.1	25.5
Vellore	54.1	98.7	99.5	48.1	470.7	88	72.5	97.6	51	90.1
Viluppuram		64.6	82.4	764.1	20.8	2.5	11.7	8.2	19	20.6
Virudhunagar	16.7	8.8	20.5	9.8	2.8	0.9	1.6	0.2	0	0

* Negligible.

[^] Vaccination done by Veterinary Dispensaries and and Mobile Veterinary Dispensaries.

SOURCE: Annual Administrative Reports, Animal Husbandry Department, Tamil Nadu and Directorate of Animal Husbandry and Veterinary Services, Govt. of Tamil Nadu, Chennai.



V.3. Service Delivery System - Animal Health

TABLE V.3.4: District-wise Bovine Vaccination

Districts	Bovine Vaccination ('000)									
	1992-93	2001-02 [^]	2003-04	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14
TAMIL NADU	2,786	2,511	4,104	12,346	17,547	10,985	9,780	14,344	11,063	20,969
Ariyalur		62.7			198	108	79.1	115.7	196.4	333.3
Chengalpattu MGR	260.9									
Chennai	0.3	0	8.8	2.8	1.9	3.1	1.7	1	7.1	23.5
Coimbatore	93.2	152.2	295.6	487.8	602.8	584.9	281.9	270.1	327.8	615.5
Cuddalore		188	180.5	621.9	897.2	363.9	305.2	539.4	311.8	777.1
Dharmapuri	212.1	96.9	214.3	414.2	534.4	428	328.4	488.5	517.3	552.8
Dindigul	47.8	54.2	118.5	294	475	255.2	220.6	329.4	320.7	463.9
Erode	69.1	122.1	243.7	398.6	916.6	738.3	596.3	719.5	434.5	1,084.7
Kancheepuram		91.9	195.9	1,254.9	1,071.5	450.9	468.2	1,397.5	1,023.3	1,304.7
Kanniyakumari	13.4		47.3	42.5	0.1	0.1	0	0.1	0	0
Karur		172.6	73	45.7	578.3	219.9	320.4	324.8	147.1	262.9
Krishnagiri				286.2	604.8	301.2	23.6	573.1	484.1	1,067.9
Madurai	118.1	99.8	111.7	198.5	440	225	252.3	301.9	197.1	503.6
Nagapattinam	244.6	54.5	62.6	256.8	595.7	272.7	64.7	433.2	412.9	896.7
Namakkal		89.9	146	347.2	705.9	461.2	793	514.2	404.5	1,022.2
Perambalur			86.7	139.7	135.5	80.7	56	127	121.7	338.1
Pudukkottai	100.4		93.6	383.1	525.2	422.9	379.2	513.1	433.3	692.4
Ramanathapuram	70.8	20.5	35.1	56.7	139.5	113.5	76.7	179.9	126.6	193.3
Salem	211.4	195.5	266.2	503.6	1,183.1	545.2	1,181.3	975.8	733.8	981
Sivaganga	56.8	52.1	102.1	361.9	299.6	330.6	260.1	271.6	129.4	255.9
South Arcot	374.4									
Thanjavur	159.6	189.5	152.6	536.5	713.1	360	386.4	500.5	423.9	694
The Nilgiris	11		34.3	51.4	76.9	51.9	27.7	6	58.7	74.8
Theni		0.8	55.4	160.7	208.8	549.7	75.5	96.4	100.9	164.3
Thiruvallur		51.6	244.4	723.4	343.3	393.8	280.1	435.6	305.8	664.3
Thiruvarur		72.3	36.8	480.4	605.8	283	277.7	288.5	288	740
Thoothukkudi	57.5	74.7	62.5	106	91.8	178.1	158.5	160.9	104.6	345.3
Tiruchirappalli	129.6	66.7	77.2	333.9	327.2	308.9	339.6	541.6	496	666.7
Tirunelveli	215.4	124.6	202.8	359.8	903.6	514.3	382.7	698.2	381.3	730.4
Tiruppur						354.4	408.2	490.9	414.6	424.4
Tiruvannamalai	173.2	116	225.9	509	860.2	353	494.2	782.9	720.9	1,456.5
Vellore	108.5	260.5	425.9	958.2	1,526.3	697.8	651.4	936.2	692.5	1,527.6
Viluppuram		77.8	228.6	1,859.7	1,541.5	751.1	423.9	987.7	517.1	1,611.1
Virudhunagar	56.2	24	76.8	170.9	441.5	284.4	186.7	344	229.3	501

[^] Vaccination done by Veterinary Dispensaries and Mobile Veterinary Dispensaries.

Bovine Vaccination includes BQ, HS and FMD.

SOURCE: Annual Administrative Reports, Animal Husbandry Department, Tamil Nadu and Directorate of Animal Husbandry and Veterinary Services Govt. of Tamil Nadu, Chennai.



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TABLE V.3.5: District-wise Bovine Treated

Districts	Bovine Treated ('000)							
	2003-04	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14
TAMIL NADU	9,472.1	10,353.2	10,093.9	10,102.0	10,676.9	10,381.4	11,451.8	13,295.8
Ariyalur			176.2	149.5	170.7	180.3	186.0	231.3
Chennai	10.9	11.3	10.7	7.6	11.1	13.5	5.5	5.3
Coimbatore	289.5	286.1	321.5	254.1	214.7	338.7	443.0	583.7
Cuddalore	420.0	336.9	388.5	395.9	399.4	440.6	411.7	452.6
Dharmapuri	455.8	235.1	239.5	271.6	290.5	294.7	357.8	463.6
Dindigul	353.5	401.3	357.6	382.9	456.2	405.9	463.0	513.4
Erode	473.6	576.3	556.8	359.9	435.3	418.9	429.7	517.0
Kancheepuram	404.3	385.4	380.7	398.0	400.8	340.0	367.5	407.9
Kanniyakumari	200.0	201.2	185.2	174.9	176.1	150.1	163.9	174.1
Karur	153.1	191.5	190.9	202.5	223.7	218.7	282.3	327.3
Krishnagiri		259.3	255.2	262.0	271.1	283.8	296.5	410.9
Madurai	297.9	369.1	352.4	377.6	414.0	378.0	411.4	435.5
Nagapattinam	208.0	173.4	180.2	189.4	195.2	171.2	292.4	279.0
Namakkal	354.5	446.5	465.5	454.8	491.7	485.0	585.5	583.7
Perambalur	285.9	326.3	130.1	125.1	165.1	173.3	220.9	259.0
Pudukkottai	165.9	274.6	257.5	266.1	315.6	283.5	258.0	406.8
Ramanathapuram	124.9	110.8	102.5	107.7	114.4	125.0	132.8	154.8
Salem	503.3	586.4	579.3	526.8	476.3	562.9	640.0	747.5
Sivaganga	175.3	187.3	169.6	169.6	177.5	162.2	152.4	178.5
Thanjavur	465.8	467.1	527.5	504.3	520.6	487.0	444.3	496.4
The Nilgiris	98.2	108.4	112.7	113.6	82.0	75.0	89.4	126.7
Theni	327.5	317.7	348.9	295.2	314.0	261.8	308.5	319.8
Thiruvallur	396.9	386.5	351.9	351.0	364.2	336.2	320.0	609.4
Thiruvarur	163.0	201.8	188.6	244.5	314.6	314.5	343.7	466.4
Thoothukkudi	176.0	163.4	143.2	132.0	147.6	140.3	144.4	164.8
Tiruchirappalli	433.6	600.5	540.6	472.3	469.4	439.5	446.1	551.1
Tirunelveli	334.5	377.3	365.6	372.3	438.2	424.2	416.3	453.5
Tiruppur				304.4	398.2	387.8	445.6	488.9
Tiruvannamalai	732.4	607.2	552.2	551.9	614.5	578.1	614.1	702.7
Vellore	564.5	698.3	679.5	667.7	683.3	602.8	782.2	832.3
Viluppuram	697.6	854.9	785.0	830.2	737.0	706.7	771.5	683.9
Virudhunagar	205.6	211.3	198.3	186.5	193.8	201.1	225.5	267.8

SOURCE: Directorate of Animal Husbandry and Veterinary Services, Govt. of Tamil Nadu, Chennai.



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TABLE V.3.6: District-wise Bovine Castration

Districts	Bovine Castration ('000)							
	2003-04	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14
TAMIL NADU	207.4	208.3	208.4	224.2	206.0	201.1	159.3	165.1
Ariyalur			8.8	7.7	6.9	6.3	4.6	4.2
Chennai	0*	0.1	0*	0.1	0.1	0*	0*	0*
Coimbatore	4.2	9.3	11.0	5.6	6.3	3.8	4.4	4.8
Cuddalore	8.5	8.7	8.8	8.9	7.7	7.9	5.2	2.4
Dharmapuri	12.1	2.2	2.2	2.3	1.9	1.9	2.4	2.5
Dindigul	6.8	7.6	7.8	8.3	6.3	7.0	6.0	5.7
Erode	9.4	7.0	5.6	4.6	5.3	5.6	6.1	5.4
Kancheepuram	11.3	9.1	8.4	8.5	8.7	14.5	6.5	6.5
Kanniyakumari	1.0	1.0	1.0	0.9	1.0	0.9	0.7	0.6
Karur	4.6	3.3	6.3	2.2	3.1	2.8	2.3	1.9
Krishnagiri		7.9	8.5	7.9	8.6	7.8	6.6	6.9
Madurai	6.5	5.9	4.4	6.4	6.5	6.3	7.7	11.5
Nagapattinam	5.5	4.0	3.5	3.4	2.6	1.8	1.7	1.5
Namakkal	4.1	2.2	3.0	2.5	1.9	1.5	2.3	2.8
Perambalur	11.8	9.7	2.0	2.5	4.7	2.9	3.4	3.2
Pudukkottai	7.7	11.3	9.5	11.1	17.8	13.5	11.0	13.2
Ramanathapuram	2.8	4.9	2.8	3.1	2.5	2.8	2.4	2.9
Salem	13.4	9.5	12.0	9.8	6.1	8.3	7.0	5.9
Sivaganga	5.9	7.0	6.6	7.0	6.7	6.0	6.4	6.5
Thanjavur	13.8	18.6	20.1	20.2	16.1	15.3	10.0	7.1
The Nilgiris	0.7	1.6	0.9	1.0	0.6	0.1	0.1	0.2
Theni	3.8	3.5	3.3	3.7	3.5	5.1	3.6	5.1
Thiruvallur	7.8	6.9	6.5	7.0	4.9	7.1	4.6	1.7
Thiruvarur	11.1	12.8	14.8	17.6	18.5	19.8	8.0	8.5
Thoothukkudi	3.3	2.6	2.5	2.8	2.1	1.4	1.2	0.9
Tiruchirappalli	8.1	13.2	12.6	8.6	7.5	7.1	5.5	6.2
Tirunelveli	8.3	8.4	7.7	8.0	8.2	5.9	6.6	8.0
Tiruppur				5.6	9.4	5.0	4.9	4.1
Tiruvannamalai	16.9	13.2	12.6	13.7	12.3	11.1	10.4	8.8
Vellore	11.6	9.7	8.9	26.7	8.0	7.7	7.1	8.3
Viluppuram	5.6	5.9	5.2	5.4	9.0	12.9	9.5	15.9
Virudhunagar	0.8	1.1	1.0	1.3	1.4	1.0	1.3	2.1

*Negligible.

SOURCE: Directorate of Animal Husbandry and Veterinary Services, Govt. of Tamil Nadu, Chennai.

