



### V.3. Service Delivery System - Animal Health

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

Districts	Foot-and-Mouth Disease Vaccination ('000)								
	1997-98	2000-01	2003-04	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
<b>KARNATAKA</b>	<b>792</b>	<b>2,662</b>	<b>2,758</b>	<b>10,083</b>	<b>10,924</b>	<b>11,050</b>	<b>11,131</b>	<b>20,880</b>	<b>19,208</b>
Bagalkot		108	73	407	316	453	402	702	893
Bangalore Rural	35	110	206	404	127	159	132	260	245
Bangalore Urban	11	44	44	256	306	339	360	226	197
Belgaum	75	264	114	810	835	1,075	1,011	2,583	2,255
Bellary	54	138	124	332	253	262	348	1,740	848
Bidar	16	45	77	146	136	340	573	574	548
Bijapur	48	89	64	193	222	308	249	600	620
Chamarajanagar		43	83	308	359	360	347	452	303
Chikkaballapura					430	233	288	346	348
Chikmagalur	33	91	87	412	380	353	328	473	455
Chitradurga	53	114	82	375	430	395	464	712	717
Dakshina Kannada	24	25	46	205	260	292	287	1,863	517
Davanagere		165	121	465	349	461	478	823	778
Dharwad	59	51	50	257	170	206	196	312	539
Gadag		61	27	197	167	182	292	361	405
Gulbarga	27	156	177	398	412	421	384	651	813
Hassan	44	141	146	408	561	651	581	1,147	1,088
Haveri		89	58	256	273	263	275	754	624
Kodagu	10	34	39	239	145	147	91	94	113
Kolar	50	162	348	559	409	352	394	424	425
Koppal		81	68	141	153	162	273	390	529
Mandya	32	130	98	518	1,292	962	459	384	534
Mysore	27	78	102	710	553	444	413	687	970
Raichur	49	79	109	365	375	468	512	482	536
Ramanagara					251	354	372	319	370
Shimoga	64	135	93	690	637	397	635	1,109	1,129
Tumkur	64	150	169	667	688	589	576	888	925
Udupi		16	80	127	187	189	186	252	383
Uttara Kannada	17	64	72	241	247	236	230	527	551
Yadgir								744	551

SOURCE: Integrated Sample Survey Reports, Directorate of Animal Husbandry and Veterinary Services, Govt. of Karnataka.



### V.3. Service Delivery System - Animal Health

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

Districts	Haemorrhagic Septicaemia Vaccination ('000)								
	1997-98	2000-01	2003-04	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
<b>KARNATAKA</b>	<b>2,589</b>	<b>3,193</b>	<b>1,955</b>	<b>6,140</b>	<b>6,426</b>	<b>6,499</b>	<b>5,684</b>	<b>5,653</b>	<b>8,859</b>
Bagalkot		87	38	409	675	559	704	640	491
Bangalore Rural	18	40	20	106	77	60	25	31	97
Bangalore Urban	9	19	19	81	86	76	27	29	83
Belgaum	123	264	113	560	682	1,145	501	705	1,168
Bellary	313	272	230	313	250	422	411	394	387
Bidar	88	69	83	49	96	73	54	44	82
Bijapur	114	48	18	48	46	72	43	39	68
Chamarajanagar		19	4	12	14	9	19	11	23
Chikkaballapura					113	131	198	72	217
Chikmagalur	112	110	46	256	248	193	198	144	157
Chitradurga	311	330	183	382	405	406	426	382	546
Dakshina Kannada	7	3	0*	0*	1	1	0*	1	48
Davanagere		292	148	354	347	431	307	322	210
Dharwad	177	50	36	94	58	73	67	49	81
Gadag		91	22	181	162	192	156	133	273
Gulbarga	97	110	73	101	135	127	98	35	51
Hassan	198	125	84	356	160	131	115	111	266
Haveri		144	44	272	290	269	280	228	1,429
Kodagu	38	16	11	18	15	14	11	8	22
Kolar	32	50	23	320	108	90	126	303	61
Koppal		168	127	272	281	274	338	389	702
Mandya	26	20	9	60	42	41	34	25	51
Mysore	46	56	62	123	166	169	184	164	139
Raichur	275	116	165	182	231	219	156	120	31
Ramanagara					241	172	92	125	81
Shimoga	207	284	140	581	670	519	465	454	645
Tumkur	347	373	218	969	788	586	610	561	1,070
Udupi		4	1	5	4	3	2	48	224
Uttara Kannada	53	36	39	36	37	46	37	19	100
Yadgir								69	58

\* Negligible.

SOURCE: Integrated Sample Survey Reports, Directorate of Animal Husbandry and Veterinary Services, Govt. of Karnataka.



### V.3. Service Delivery System - Animal Health

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

Districts	Black Quarter Vaccination ('000)								
	1997-98	2000-01	2003-04	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
<b>KARNATAKA</b>	<b>1,566</b>	<b>1,482</b>	<b>596</b>	<b>938</b>	<b>928</b>	<b>854</b>	<b>813</b>	<b>547</b>	<b>534</b>
Bagalkot		20	2	14	7	24	3	0*	0
Bangalore Rural	70	35	6	19	7	3	2	2	5
Bangalore Urban	13	17	15	10	7	5	2	2	3
Belgaum	65	170	29	44	74	54	34	3	4
Bellary	142	79	22	46	33	67	61	51	37
Bidar	70	54	11	32	35	38	28	22	27
Bijapur	56	40	8	11	17	12	4	5	4
Chamarajanagar		21	8	9	28	13	15	12	1
Chikkaballapura					6	10	1	5	1
Chikmagalur	84	60	27	39	54	52	51	50	30
Chitradurga	95	52	14	29	15	15	30	17	7
Dakshina Kannada	0	0	-	0	0	0	0	0	0
Davanagere		127	31	79	49	25	14	13	6
Dharwad	136	53	29	79	44	48	57	13	22
Gadag		45	8	23	16	9	13	2	4
Gulbarga	102	174	71	107	113	104	90	39	81
Hassan	212	98	64	125	144	121	108	71	54
Haveri		100	41	50	42	43	41	25	99
Kodagu	16	9	4	8	8	9	8	6	3
Kolar	30	19	16	4	0	1	0*	1	2
Koppal		37	24	13	6	10	9	8	11
Mandya	12	12	3	3	3	4	8	0	0
Mysore	86	67	65	72	90	65	114	83	26
Raichur	133	45	57	23	20	27	13	8	4
Ramanagara					4	1	7	1	0*
Shimoga	112	76	17	65	64	53	48	36	40
Tumkur	124	65	17	29	32	39	48	42	21
Udupi		0	-	0	0	0	0	0	0
Uttara Kannada	9	8	9	7	11	4	6	2	5
Yadgir								28	37

\* Negligible.

SOURCE: Integrated Sample Survey Reports, Directorate of Animal Husbandry and Veterinary Services, Govt. of Karnataka.



### V.3. Service Delivery System - Animal Health

**TABLE V.3.4: District-wise Bovine Vaccination**

Districts	Bovine Vaccination ('000)								
	1997-98	2000-01	2003-04	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
<b>KARNATAKA</b>	<b>4,947</b>	<b>7,337</b>	<b>5,309</b>	<b>17,161</b>	<b>18,278</b>	<b>18,403</b>	<b>17,628</b>	<b>27,080</b>	<b>28,601</b>
Bagalkot		215	113	830	998	1,036	1,109	1,342	1,384
Bangalore Rural	123	185	232	529	211	222	159	293	347
Bangalore Urban	33	80	78	347	399	420	389	257	283
Belgaum	263	698	256	1,414	1,591	2,274	1,546	3,291	3,427
Bellary	509	489	376	691	536	751	820	2,185	1,272
Bidar	174	168	171	227	267	451	655	640	657
Bijapur	218	177	90	252	285	392	296	644	692
Chamarajanagar		83	95	329	401	382	381	475	327
Chikkaballapura					549	374	487	423	566
Chikmagalur	229	261	160	707	682	598	577	667	642
Chitradurga	459	496	279	786	850	816	920	1,111	1,270
Dakshina Kannada	31	28	46	205	261	293	287	1,864	565
Davanagere		584	300	898	745	917	799	1,158	994
Dharwad	372	154	115	430	272	327	320	374	642
Gadag		197	57	401	345	383	461	496	682
Gulbarga	226	440	321	606	660	652	572	725	945
Hassan	454	364	294	889	865	903	804	1,329	1,408
Haveri		333	143	578	605	575	596	1,007	2,152
Kodagu	64	59	54	265	168	170	110	108	138
Kolar	112	231	387	883	517	443	520	728	488
Koppal		286	219	426	440	446	620	787	1,242
Mandya	70	162	110	581	1,337	1,007	501	409	585
Mysore	159	201	229	905	809	678	711	934	1,135
Raichur	457	240	331	570	626	714	681	610	571
Ramanagara					496	527	471	445	451
Shimoga	383	495	250	1,336	1,371	969	1,148	1,599	1,814
Tumkur	535	588	404	1,665	1,508	1,214	1,234	1,491	2,016
Udupi		20	81	132	191	192	188	300	607
Uttara Kannada	79	108	120	284	295	286	273	548	656
Yadgir								841	646

NOTE: Bovine vaccination includes BQ, HS and FMD.

SOURCE: Integrated Sample Survey Reports, Directorate of Animal Husbandry and Veterinary Services, Govt. of Karnataka.



### V.3. Service Delivery System - Animal Health

**TABLE V.3.5: District-wise Bovine Treated**

Districts	Bovine Treated ('000)									
	1994-95	1997-98	2000-01	2003-04	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
<b>KARNATAKA</b>	<b>5,956</b>	<b>6,151</b>	<b>1,219</b>	<b>5,937</b>	<b>6,398</b>	<b>6,605</b>	<b>6,995</b>	<b>6,955</b>	<b>6,998</b>	<b>6,806</b>
Bagalkot			12	179	252	253	269	308	403	427
Bangalore Rural	264	308	29	263	211	143	138	151	181	136
Bangalore Urban	211	190	15	142	136	129	163	139	125	89
Belgaum	336	318	34	357	459	480	530	470	486	467
Bellary	190	248	190	200	73	209	217	227	242	241
Bidar	162	188	17	154	181	172	189	197	216	180
Bijapur	322	302	12	171	181	182	206	172	200	196
Chamarajanagar			19	106	116	116	119	114	123	101
Chikkaballapura						193	192	167	179	152
Chikmagalur	316	276	19	199	240	249	258	256	199	199
Chitradurga	411	428	22	217	238	244	246	264	233	223
Dakshina Kannada	198	212	10	118	113	113	113	111	121	113
Davanagere			35	281	347	328	352	351	345	329
Dharwad	548	584	15	208	189	168	174	174	263	266
Gadag			13	150	168	162	163	163	193	153
Gulbarga	41	61	361	400	369	362	370	313	146	199
Hassan	298	300	32	289	288	312	383	402	365	306
Haveri			25	237	294	253	260	268	332	374
Kodagu	88	102	7	95	79	90	92	81	76	68
Kolar	383	411	34	362	398	214	213	257	243	243
Koppal			8	110	132	128	115	132	126	149
Mandya	388	431	32	383	425	382	437	452	454	434
Mysore	410	405	41	269	274	266	269	260	252	253
Raichur	211	231	10	125	144	146	141	153	154	131
Ramanagara						161	164	192	130	98
Shimoga	515	489	64	258	339	366	405	361	301	349
Tumkur	421	474	34	369	391	401	401	406	414	404
Udupi			115	106	118	121	116	115	112	102
Uttara Kannada	243	194	16	192	240	262	302	301	297	280
Yadgir									93	146

SOURCE: Integrated Sample Survey Reports, Directorate of Animal Husbandry and Veterinary Services, Govt. of Karnataka.



### V.3. Service Delivery System - Animal Health

**TABLE V.3.6: District-wise Bovine Castration**

Districts	Bovine Castrated ('000)									
	1994-95	1997-98	2000-01	2003-04	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
<b>KARNATAKA</b>	<b>266.4</b>	<b>244.0</b>	<b>275.5</b>	<b>219.1</b>	<b>223.1</b>	<b>245.6</b>	<b>249.4</b>	<b>237.7</b>	<b>223.8</b>	<b>223.1</b>
Bagalkot			6.1	4.8	5.9	6.8	6.3	6.7	7.8	7.4
Bangalore Rural	17.0	14.7	12.5	12.1	7.5	5.7	8.8	4.8	5.3	4.2
Bangalore Urban	5.9	4.6	3.3	3.2	2.2	2.2	2.3	2.1	1.6	1.2
Belgaum	20.8	14.0	32.2	13.1	15.4	15.5	16.0	15.7	15.8	17.7
Bellary	7.1	8.7	8.0	6.4	6.4	7.1	6.4	5.6	5.9	6.9
Bidar	4.5	3.9	4.3	3.7	4.2	3.9	4.4	4.8	6.0	4.6
Bijapur	12.7	10.9	7.8	8.5	7.4	8.7	9.3	6.9	10.5	10.2
Chamarajanagar			5.9	4.7	5.0	5.8	5.5	5.6	5.7	4.5
Chikkaballapura						9.8	8.0	7.2	6.1	5.1
Chikmagalur	18.7	11.6	12.3	9.0	10.0	10.8	10.0	8.7	6.3	6.8
Chitradurga	22.9	24.7	18.8	16.6	15.9	19.1	18.4	16.2	15.2	13.4
Dakshina Kannada	2.6	3.0	1.7	1.4	0.5	0.4	0.4	0.4	1.1	1.2
Davanagere			9.9	8.8	8.8	9.6	8.8	8.8	7.6	7.4
Dharwad	15.3	13.7	4.2	3.1	3.1	2.6	3.4	2.7	3.9	3.7
Gadag			2.5	2.2	2.6	2.6	2.7	2.9	3.8	2.2
Gulbarga	8.8	9.5	7.9	7.5	9.8	9.3	10.3	11.0	3.8	5.1
Hassan	18.8	19.1	22.5	19.3	18.3	19.1	18.8	17.7	18.3	19.2
Haveri			7.2	5.8	8.3	5.8	6.0	6.5	6.2	7.2
Kodagu	3.1	2.3	1.7	1.8	1.7	2.0	2.0	2.0	2.0	1.4
Kolar	19.5	16.1	18.5	14.1	17.2	10.2	10.6	11.6	10.3	10.4
Koppal			2.9	2.8	2.8	3.3	2.9	3.2	3.4	3.7
Mandy	17.5	14.0	14.8	12.5	13.2	14.1	15.5	17.0	15.4	15.6
Mysore	18.6	17.8	12.3	9.4	9.4	10.5	10.8	11.3	9.2	10.2
Raichur	6.4	6.2	2.7	3.0	4.1	3.7	3.8	4.0	4.1	3.0
Ramanagara						8.2	7.9	7.8	4.7	3.4
Shimoga	12.9	10.7	12.1	5.7	6.2	8.7	7.8	7.5	5.1	7.4
Tumkur	28.6	33.8	35.9	33.8	32.9	35.3	36.5	34.1	29.0	29.3
Udupi			2.3	1.9	1.6	1.6	1.8	1.3	1.0	0.6
Uttara Kannada	4.6	3.3	3.0	3.0	2.8	3.2	3.7	3.6	5.1	4.8
Yadgir									3.5	5.0

SOURCE: Integrated Sample Survey Reports, Directorate of Animal Husbandry and Veterinary Services, Govt. of Karnataka.