



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

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

Districts	Foot-and-Mouth Disease Vaccination ('000)								
	1992-93	1997-98	2003-04	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
<b>PUNJAB</b>	<b>1,816</b>	<b>3,065</b>	<b>4,049</b>	<b>8,171</b>	<b>7,674</b>	<b>7,463</b>	<b>12,574</b>	<b>6,986</b>	<b>13,446</b>
Amritsar	257	313	230	766	391	409	790	387	882
Barnala				237	227	241	437	226	450
Bathinda	149	153	391	523	415	415	824	378	760
Faridkot	142	85	139	145	202	147	311	167	325
Fatehgarh Sahib	56	127	97	200	200	310	385	210	405
Firozpur	97	210	486	1,778	629	627	1,291	682	1,254
Gurdaspur	197	296	158	732	472	368	897	400	857
Hoshiarpur	123	178	259	140	650	490	685	345	720
Jalandhar	149	155	301	185	343	626	519	501	681
Kapurthala	51	101	149	126	285	54	315	375	340
Ludhiana	107	324	279	289	631	436	853	679	1,260
Mansa	85	108	48	310	300	313	568	250	496
Moga		119	166	152	354	170	665	342	632
Patiala	176	212	205	600	440	440	933	385	937
Rupnagar (Ropar)	89	237	149	111	300	273	353	199	400
Sangrur	139	242	717	918	666	595	1,178	550	1,106
SAS Nagar (Mohali)				61	182	159	237	195	390
SBS Nagar (Nawanshahr)		97	165	100	300	292	326	172	344
Muktsar		106	110	120	342	725	390	211	470
Tarn Taran				678	346	374	619	330	736

SOURCE: Annual Administrative Reports (1992-93 to 2012-13), Animal Husbandry Department, Punjab.



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

**TABLE V.3.2: District-wise Vaccination Preformed for Haemorrhagic Septicaemia**

Districts	Haemorrhagic Septicaemia Vaccination ('000)								
	1992-93	1997-98	2003-04	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
<b>PUNJAB</b>	<b>5,810</b>	<b>9,686</b>	<b>7,154</b>	<b>6,600</b>	<b>5,856</b>	<b>6,015</b>	<b>6,061</b>	<b>6,038</b>	<b>6,257</b>
Amritsar	509	1,025	793	425	375	390	355	394	392
Barnala				200	185	187	184	187	200
Bathinda	272	407	260	320	300	305	320	320	320
Faridkot	503	268	158	170	141	140	145	155	160
Fatehgarh Sahib	200	381	218	200	174	153	161	160	155
Firozpur	487	960	603	450	497	563	587	510	598
Gurdaspur	607	645	604	475	420	420	420	420	415
Hoshiarpur	287	399	400	400	350	352	360	350	341
Jalandhar	467	700	500	410	300	292	312	314	315
Kapurthala	176	306	190	211	195	195	195	195	195
Ludhiana	483	796	595	644	582	588	560	569	586
Mansa	180	233	230	247	219	224	231	230	262
Moga		514	310	302	296	208	340	291	330
Patiala	673	923	536	500	390	355	378	374	380
Rupnagar (Ropar)	290	537	413	194	192	195	195	195	198
Sangrur	675	875	858	511	447	489	493	493	498
SAS Nagar (Mohali)				179	140	152	165	173	175
SBS Nagar (Nawanshahr)		376	236	192	172	172	172	172	172
Muktsar		340	250	247	195	336	200	229	245
Tarn Taran				324	287	301	288	306	320

SOURCE: Annual Administrative Reports (1992-93 to 2012-13), Animal Husbandry Department, Punjab.



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**TABLE V.3.3: District-wise Vaccination Preformed for Black Quarter**

Districts	Black Quarter Vaccination ('000)						
	1992-93	1997-98	2003-04	2007-08	2008-09	2009-10	2010-11
<b>PUNJAB</b>	<b>121</b>	<b>297</b>	<b>129</b>	<b>73</b>	<b>60</b>	<b>66</b>	<b>63</b>
Amritsar	-	6	17	5	2	0.3	1
Barnala				0	3	0	3
Bathinda	-	21	-	0	3	5	3
Faridkot	14	10	0.4	3	2	5	5
Fatehgarh Sahib	0.2	20	0.1	3	0	0	0
Firozpur	22	53	18	3	3	18	3
Gurdaspur	30	25	17	0.2	3	0.1	0
Hoshiarpur	10	11	8	5	8	5	4
Jalandhar	10	20	-	0	0	0	0.5
Kapurthala	11	29	-	5	0	5	0
Ludhiana	1	9	7	7	2	0	7
Mansa	8	8	4	0	0	3	3
Moga		17	15	2	15	0	15
Patiala	-	14	5	5	0	0	3
Rupnagar (Ropar)	2	19	9	0	3	0	3
Sangrur	13	16	4	7	2	5	4
SAS Nagar (Mohali)				4	3	0	1
SBS Nagar (Nawanshahr)		5	5	5	5	5	3
Muktsar		15	20	-	10	15	3
Tarn Taran				5	0	0	5

SOURCE: Annual Administrative Reports (1992-93 to 2012-13), Animal Husbandry Department, Punjab.

NOTE: Data for 2011-12 and 2012-13 not published/reported.



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

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

Districts	Bovine Vaccination ('000)								
	1992-93	1997-98	2003-04	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
<b>PUNJAB</b>	<b>7,747</b>	<b>13,048</b>	<b>11,332</b>	<b>14,844</b>	<b>13,590</b>	<b>13,544</b>	<b>18,698</b>	<b>13,024</b>	<b>19,703</b>
Amritsar	766	1,344	1,040	1,196	768	799.3	1,146	781	1,274
Barnala				437	415	428	624	413	650
Bathinda	421	581	651	843	718	725	1,147	698	1,080
Faridkot	659	363	297	318	345	292	461	322	485
Fatehgarh Sahib	256.2	528	315	403	374	463	546	370	560
Firozpur	606	1,223	1,107	2,231	1,129	1,208	1,881	1,192	1,852
Gurdaspur	834	966	779	1,207	895	788.1	1,317	820	1,272
Hoshiarpur	420	588	667	545	1,008	847	1,049	695	1,061
Jalandhar	626	875	801	595	643	918	831	815	996
Kapurthala	238	436	339	342	480	254	510	570	535
Ludhiana	591	1,129	881	940	1,215	1,024	1,420	1,248	1,846
Mansa	273	349	282	557	519	540	802	480	758
Moga		650	491	456	665	378	1,020	633	962
Patiala	849	1,149	746	1,105	830	795	1,314	759	1,317
Rupnagar (Ropar)	381	793	571	305	495	468	551	394	598
Sangrur	827	1,133	1,579	1,436	1,115	1,089	1,675	1,043	1,604
SAS Nagar (Mohali)				244	325	311	403	368	565
SBS Nagar (Nawanshahr)		478	406	297	477	469	501	344	516
Muktsar		461	380	367	547	1,076	593	440	715
Tarn Taran				1,007	633	675	912	636	1,056

SOURCE: Annual Administrative Reports (1992-93 to 2012-13), Animal Husbandry Department, Punjab.

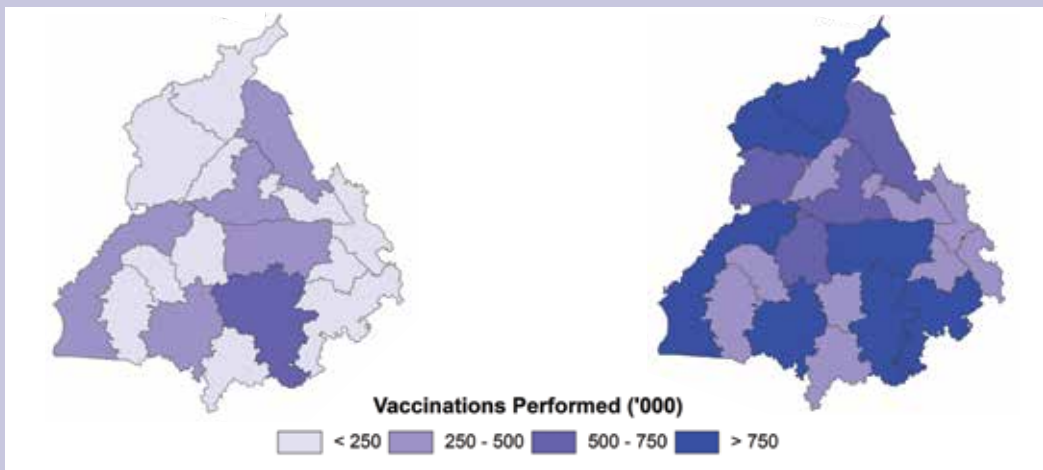
NOTE: Bovine vaccination includes vaccination for FMD, HS and BQ.



### Vaccinations Performed for Foot and Mouth Disease

2003-04

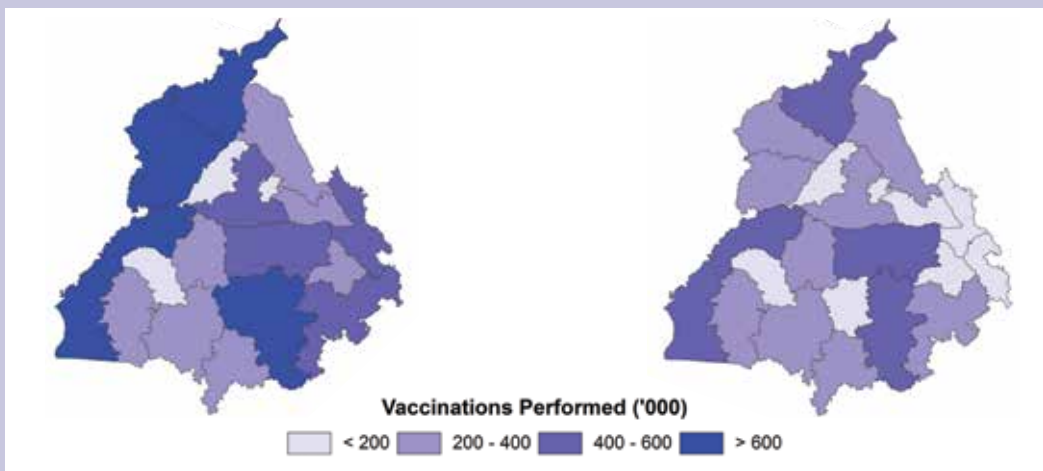
2012-13



### Vaccinations Performed for Haemorrhagic Septicaemia

2003-04

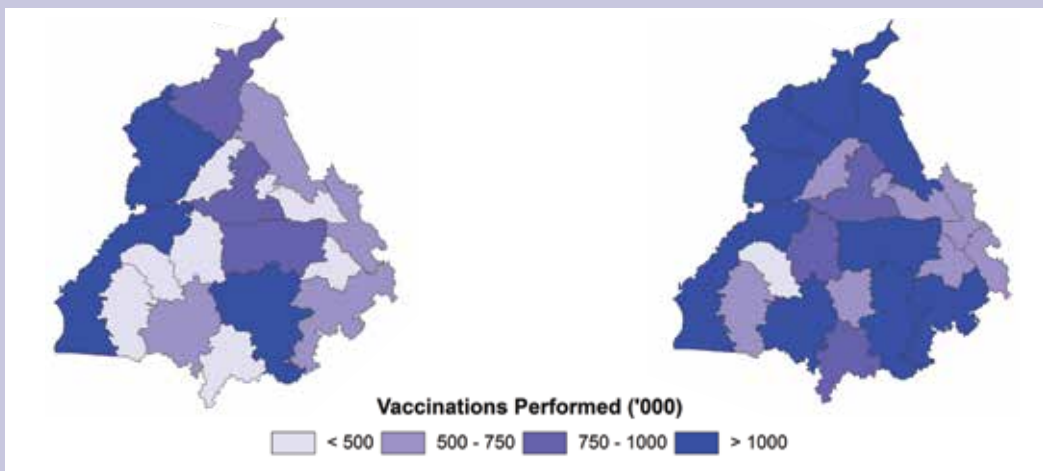
2012-13



### Bovine Vaccinations Performed

2003-04

2012-13





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

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

Districts	Bovine Treated ('000)								
	1992-93	1997-98	2003-04	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
<b>PUNJAB</b>	<b>2,206</b>	<b>2,954</b>	<b>4,292</b>	<b>4,186</b>	<b>4,256</b>	<b>4,056</b>	<b>4,072</b>	<b>4,921</b>	<b>5,369</b>
Amritsar	157	183	455	235	241	251	225	301	318
Barnala				150	142	155	141	160	168
Bathinda	114	222	297	279	268	276	347	307	337
Faridkot	186	88	92	97	103	105	109	115	128
Fatehgarh Sahib	86	96	170	142	113	131	113	171	176
Firozpur	124	245	219	199	297	219	230	340	345
Gurdaspur	119	178	377	321	322	309	278	360	438
Hoshiarpur	187	99	332	353	341	339	333	379	403
Jalandhar	176	162	321	270	257	177	241	197	326
Kapurthala	62	85	142	135	155	169	167	180	207
Ludhiana	181	252	402	452	453	325	349	568	572
Mansa	84	151	190	171	171	177	176	185	199
Moga		105	173	178	186	141	188	204	206
Patiala	231	287	208	257	227	233	247	286	312
Rupnagar	103	181	225	136	146	137	140	156	160
SAS Nagar (Mohali)				102	123	124	120	136	126
Sangrur	395	412	460	322	337	333	307	371	382
SBS Nagar (Nawanshahr)		91	109	127	128	133	145	161	203
Muktsar		117	118	121	121	191	114	183	167
Tarn Taran				139	123	132	103	163	194

SOURCE: Annual Administrative Reports (1992-93 to 2012-13), Animal Husbandry Department, Punjab.



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

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

Districts	Bovine Castration (in number)								
	1992-93	1997-98	2003-04	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
<b>PUNJAB</b>	<b>17,867</b>	<b>9,009</b>	<b>27,590</b>	<b>19,391</b>	<b>17,225</b>	<b>32,130</b>	<b>14,570</b>	<b>20,530</b>	<b>16,111</b>
Amritsar	1,020	628	1,163	114	192	137	54	38	80
Barnala				2,120	1,982	2,070	1,783	1,958	1,854
Bathinda	1,330	841	1,760	1,250	887	1,040	841	1,087	1,038
Faridkot	2,234	510	611	1,037	1,025	620	540	519	414
Fatehgarh Sahib	727	302	1,054	789	516	531	489	416	402
Firozpur	433	374	1,806	329	446	311	248	217	159
Gurdaspur	480	349	2,605	2,218	2,053	1,943	1,487	1,662	1,149
Hoshiarpur	1,414	405	2,302	3,445	2,419	2,036	2,087	1,982	2,019
Jalandhar	495	24	3,397	582	420	311	0	3,547	1,597
Kapurthala	177	-	1,020	250	515	899	904	1,294	1,213
Ludhiana	1,355	764	1,214	2,486	748	808	701	703	487
Mansa	835	814	819	379	296	258	138	153	103
Moga		311	1,311	822	1,000	1,255	522	718	1,207
Patiala	1,143	521	1,579	623	455	888	1,013	963	594
Ropar	1,062	497	1,470	608	445	371	370	415	297
Sangrur	5,162	2,315	3,518	2,773	2,309	17,175	2,335	2,316	2,154
SAS Nagar (Mohali)				200	184	166	141	166	203
SBS Nagar (Nawanshahr)		17	304	552	499	423	285	1,738	209
Muktsar		337	1,657	1,146	736	835	616	616	605
Tarn Taran				19	98	53	16	22	27

SOURCE: Annual Administrative Reports (1992-93 to 2012-13), Animal Husbandry Department, Punjab.