

Annexure - VII
Animal Breeding Services

Table 7.1: Coverage of Breeding Service

Values as percent of base

SI No	State	Base [#]	Only AI	Only NS	Both AI & NS	Total
1	2	3	4	5	6	7
1	Punjab	1950	58	41	1	100
2	Haryana	1543	31	68	1	100
3	Rajasthan	1877	17	82	1	100
4	Uttar Pradesh	1795	15	83	1	100
5	Bihar	1167	39	58	3	100
6	West Bengal	1500	50	49	1	100
7	Odisha	1413	26	72	1	100
8	Madhya Pradesh	1984	3	92	5	100
9	Gujarat	1734	43	55	2	100
10	Maharashtra	2106	54	45	1	100
11	Andhra Pradesh	2190	56	40	4	100
12	Karnataka	2117	76	22	2	100
13	Kerala	1628	92	6	2	100
14	Tamil Nadu	1805	92	5	3	100
All States		24809	47	51	2	100

#: **Base:** No. of Animals that received any breeding service**Table 7.1a: AI Coverage across Animal Categories**

Values as percent of base

SI No	State	Base [#]	Animal Category						
			IC	CB	Buffalo	IC	CB	Buff	All
1	2	3	4	5	6	7	8	9	10
1	Punjab	1950	128	393	1429	61	78	52	58
2	Haryana	1543	120	152	1271	51	76	24	31
3	Rajasthan	1877	578	161	1138	17	60	10	17
4	Uttar Pradesh	1795	202	246	1347	22	48	8	15
5	Bihar	1167	480	238	449	30	81	27	39
6	West Bengal	1500	1079	405	16	36	85	56	50
7	Odisha	1413	1050	323	40	10	76	53	26
8	Madhya Pradesh	1984	971	130	883	6	0	0	3
9	Gujarat	1734	339	151	1244	27	95	42	43
10	Maharashtra	2106	492	739	875	40	88	33	54
11	Andhra Pradesh	2190	163	391	1636	60	91	47	56
12	Karnataka	2117	582	852	683	69	88	67	76
13	Kerala	1628	340	1243	45	81	97	60	92
14	Tamil Nadu	1805	491	1129	185	88	94	91	92
All States		24809	7015	6553	11241	35	85	32	47

#: **Base:** No. of Animals that received any breeding service

Table 7.1b: NS Coverage across Animal Categories

Values as percent of base

SI No	State	Base [#]	Animal Category						
			IC	CB	Buff	IC	CB	Buff	Total
1	2	3	4	5	6	8	9	10	11
1	Punjab	1950	128	393	1429	38	21	47	41
2	Haryana	1543	120	152	1271	48	22	75	68
3	Rajasthan	1877	578	161	1138	82	35	88	82
4	Uttar Pradesh	1795	202	246	1347	76	49	91	83
5	Bihar	1167	480	238	449	69	17	69	58
6	West Bengal	1500	1079	405	16	62	15	44	49
7	Odisha	1413	1050	323	40	89	22	45	72
8	Madhya Pradesh	1984	971	130	883	93	57	97	92
9	Gujarat	1734	339	151	1244	72	5	56	55
10	Maharashtra	2106	492	739	875	60	11	66	45
11	Andhra Pradesh	2190	163	391	1636	39	6	48	40
12	Karnataka	2117	582	852	683	31	10	30	22
13	Kerala	1628	340	1243	45	18	2	38	6
14	Tamil Nadu	1805	491	1129	185	7	4	9	5
All States		24809	7015	6553	11241	63	12	65	51

Base: No. of Animals that received any breeding service

Table 7.2a: AI Services Received by Provider Type

Values as percent of base

SI No	State	Base [#]	Milk Coop	MAITS	NGO/ Pvt .	Govt.	Others	Total
1	2	3	4	5	6	7	8	9
1	Punjab	1125	8	10	79	3	0	100
2	Haryana	481	22	5	29	44	0	100
3	Rajasthan	314	4	6	66	22	2	100
4	Uttar Pradesh	271	19	15	52	10	4	100
5	Bihar	457	9	37	51	1	2	100
6	West Bengal	743	5	0	78	11	6	100
7	Odisha	374	9	3	17	69	2	100
8	Madhya Pradesh	60	10	27	37	18	8	100
9	Gujarat	753	44	6	34	15	1	100
10	Maharashtra	1136	9	1	54	34	2	100
11	Andhra Pradesh	1223	9	3	26	57	5	100
12	Karnataka	1606	37	1	26	32	4	100
13	Kerala	1504	1	0	5	94	0	100
14	Tamil Nadu	1660	2	1	35	54	8	100
All States		11707	13	5	39	40	3	100

Base: No. of Animals that received AI Service by Service Provider

Table 7.2b: NS Services Received by Provider Type

SI No	State	Base#	Milk Coop	Traditional Breeders	Pvt. Bull	Govt.	Scrub Bull/No Response	Total
1	2	3	4	5	6	7	8	9
1	Punjab	809	0	8	79	12	1	100
2	Haryana	1044	0	25	65	5	5	100
3	Rajasthan	1536	2	2	72	1	23	100
4	Uttar Pradesh	1494	0	43	49	2	6	100
5	Bihar	681	0	5	37	2	56	100
6	West Bengal	733	0	21	9	2	68	100
7	Odisha	1022	0	8	2	0	90	100
8	Madhya Pradesh	1829	0	16	38	2	44	100
9	Gujarat	948	0	5	82	1	12	100
10	Maharashtra	951	1	2	52	12	33	100
11	Andhra Pradesh	872	0	1	53	2	44	100
12	Karnataka	466	4	5	60	7	24	100
13	Kerala	104	2	59	33	3	3	100
14	Tamil Nadu	95	22	9	48	2	19	100
All States		12584	1	1	14	50	4	100

Base: No. of Animals that received NS Service by Service Provider

Table 7.3a: Reasons for Preferring Govt.as AI Service Provider for Animals

Values as No. of HHs

SI No	State	Doorstep Service	Higher chances of Conception	Better Progeny	Low Service Cost	Availing this Service for long time	Bull Not Available in the Village	Confidence in the Service Provider	No alternative	others
1	2	3	4	5	6	7	8	9	10	11
1	Punjab	10	26	20	3	41	1	0	0	0
2	Haryana	9	16	31	29	6	7	2	0	0
3	Rajasthan	7	18	15	10	5	23	12	9	0
4	Uttar Pradesh	-	-	-	-	-	-	-	-	-
5	Bihar	0	0	1	0	0	0	0	0	98
6	West Bengal	6	14	13	17	3	19	16	6	8
7	Odisha	19	30	31	7	5	0	3	1	5
8	Madhya Pradesh	-	-	-	-	-	-	-	-	-
9	Gujarat	11	23	23	28	2	5	7	0	2
10	Maharashtra	9	22	29	12	2	8	5	5	8
11	Andhra Pradesh	9	19	31	22	2	12	3	1	1
12	Karnataka	6	17	19	22	14	12	4	4	3
13	Kerala	8	7	24	12	6	13	20	10	1
14	Tamil Nadu	4	16	15	20	1	35	8	0	1
All States		7	14	23	16	6	16	10	4	4

Base: MAH availing AI service for their animals most often from Govt. Service Provider

Table 7.3b: Reasons for Preferring NGO/Private as AI Service Provider for Animals

Values as Percent of HHs

SI No	State	Doorstep Service	Higher chances of Conception	Better Progeny	Low Service Cost	Availing this Service for long time	Bull Not Available in the Village	Confidence in the Service Provider	No alternative	others
1	2	3	4	5	6	7	8	9	10	11
1	Punjab	11	22	33	16	10	3	4	0	1
2	Haryana	9	16	25	16	6	13	2	0	12
3	Rajasthan	8	15	24	15	9	9	7	1	12
4	Uttar Pradesh	6	15	19	10	8	15	5	4	19
5	Bihar	13	21	35	2	2	10	4	1	13
6	West Bengal	12	16	16	6	4	26	7	9	4
7	Odisha	-	-	-	-	-	-	-	-	-
8	Madhya Pradesh	-	-	-	-	-	-	-	-	-
9	Gujarat	13	27	32	12	1	7	5	1	1
10	Maharashtra	10	25	36	13	2	5	3	6	0
11	Andhra Pradesh	10	16	30	13	5	17	4	2	2
12	Karnataka	9	20	18	30	10	6	3	2	2
13	Kerala	-	-	-	-	-	-	-	-	-
14	Tamil Nadu	6	14	19	22	0	28	6	3	1
All States		10	19	26	14	5	13	5	3	5

Base: MAH availing AI service for their animals most often from NGO/ Private Service Provider

Table 7.3c: Reasons for Preferring Private bull as NS Service Provider for Animals

Values as Percent of HHs

SI No	State	No. of Respondents	Doorstep Service	Higher chances of Conception	Better Progeny	Low Service Cost	Traditionally availing this Service	Available in the Village	No alternative	Others
1	2	3	4	5	6	7	8	9	10	11
1	Punjab	1146	8	30	23	4	21	14	0	0
2	Haryana	1455	9	29	18	17	22	5	0	0
3	Rajasthan	1825	11	22	14	12	19	19	2	1
4	Uttar Pradesh	1580	5	28	13	15	18	14	5	2
5	Bihar	454	9	34	26	13	10	6	1	1
6	West Bengal	-	-	-	-	-	-	-	-	-
7	Odisha	-	-	-	-	-	-	-	-	-
8	Madhya Pradesh	1002	9	25	19	9	20	13	3	1
9	Gujarat	1292	25	30	17	5	10	11	1	0
10	Maharashtra	730	11	32	30	6	10	7	3	1
11	Andhra Pradesh	555	14	25	28	15	9	6	2	0
12	Karnataka	535	13	22	26	14	9	4	8	5
13	Kerala	NA	-	-	-	-	-	-	-	-
14	Tamil Nadu	153	3	31	23	11	21	7	3	0
All States		10883	11	29	19	11	16	11	2	1

Base: MAH availing NS for their animals most often from private bull

Table 7.3d: Reasons for Preferring Traditional Breeders as NS Service Provider for Animals

Values as Percent of HH

SI No	State	No. of Respondents	Doorstep Service	Higher chances of Conception	Better Progeny	Low Service Cost	Traditionally availing this Service	Bull Available in the Village	No alternative	Others
1	2	3	4	5	6	7	8	9	10	11
1	Punjab	-	-	-	-	-	-	-	-	-
2	Haryana	537	2	31	13	24	15	13	2	1
3	Rajasthan	-	-	-	-	-	-	-	-	-
4	Uttar Pradesh	836	4	30	10	25	17	12	2	0
5	Bihar	-	-	-	-	-	-	-	-	-
6	West Bengal	266	3	24	7	13	26	11	14	1
7	Odisha	100	2	5	36	34	18	5	0	0
8	Madhya Pradesh	424	6	26	16	10	25	14	2	1
9	Gujarat	-	-	-	-	-	-	-	-	-
10	Maharashtra	-	-	-	-	-	-	-	-	-
11	Andhra Pradesh	-	-	-	-	-	-	-	-	-
12	Karnataka	-	-	-	-	-	-	-	-	-
13	Kerala	-	-	-	-	-	-	-	-	-
14	Tamil Nadu	-	-	-	-	-	-	-	-	-
All States		2667	6	26	15	19	19	11	3	1

Table 7.4a: Doorstep Delivery of AI by Provider Type

SI No	State	Base#	Service Provider for the animals that received doorstep service (AI) (%)				
			Milk Coop	MAITS	NGO/Pvt .	Govt.	Total
1	2	3	4	5	6	7	8
1	Punjab	1125	100	98	97	-	97
2	Haryana	481	98	-	92	57	78
3	Rajasthan	314	-	-	92	73	86
4	Uttar Pradesh	271	69	-	84	-	70
5	Bihar	457	-	72	86	-	75
6	West Bengal	743	-	-	96	59	91
7	Odisha	374	-	-	66	81	74
8	Madhya Pradesh	60	-	-	-	-	72
9	Gujarat	753	99	-	92	96	97
10	Maharashtra	1136	74	-	91	79	84
11	Andhra Pradesh	1223	75	-	61	51	54
12	Karnataka	1606	46	-	86	50	58
13	Kerala	1504	-	-	40	90	87
14	Tamil Nadu	1660	-	-	71	41	51
All states		11707	70	77	86	67	75

Animals that received AI at doorstep, This data has to be read from the perspective that it was difficult for the farmers to distinguish between Govt and Private/ NGO service providers

Table 7.4b: Doorstep Delivery of NS by Provider Type

SI No	State	Base [#]	Service Provider for the animals that received doorstep service (NS) (%)				Total
			Milk Coop	Traditional Breeder	Pvt. Bull Facility	Govt. Bull Facility	
1	2	3	4	5	6	7	8
1	Punjab	809	-	13	34	26	31
2	Haryana	1044	-	9	43	19	31
3	Rajasthan	1536	-	18	9	-	8
4	Uttar Pradesh	1494	-	3	7	-	5
5	Bihar	681	-	-	14	-	7
6	West Bengal	733	-	24	45	-	14
7	Odisha	1022	-	13	-	-	4
8	Madhya Pradesh	1829	-	9	15	-	7
9	Gujarat	948	-	-	91	-	82
10	Maharashtra	951	-	-	18	88	22
11	Andhra Pradesh	872	-	-	27	-	17
12	Karnataka	466	-	-	28	-	22
13	Kerala	104	-	32	-	-	26
14	Tamil Nadu	95	-	-	-	-	26
All States		12584	43	12	30	40	19

Base is very low

Table 7.5a: Reported Cost of AI Service (Cow)

SI No	State	Base [#]	Milk Coop	NGO/ Pvt .	Govt.	All
1	2	3	4	5	6	7
1	Punjab	306	149	129	132	131
2	Haryana	177	143	140	74	99
3	Rajasthan	180	163	176	155	172
4	Uttar Pradesh	147	150	128	94	125
5	Bihar	333	173	127	64	132
6	West Bengal	545	83	131	95	124
7	Odisha	277	48	88	70	71
8	Madhya Pradesh	97	105	138	143	133
9	Gujarat	172	75	111	79	98
10	Maharashtra	485	115	169	139	153
11	Andhra Pradesh	314	110	96	60	71
12	Karnataka	697	90	119	88	96
13	Kerala	922	111	166	104	107
14	Tamil Nadu	973	93	96	66	76
All States		5625	95	130	90	107

Base: No. of HH Reporting cost of AI services for Cow

Table 7.5b: Reported Cost of AI Service (Buffaloes)

SI No	State	Cost of AI among Buffaloes where Buffaloes have received only AI				
		Base [#]	Milk Coop	NGO/ Pvt .	Govt.	All
1	2	3	4	5	6	7
1	Punjab	342	179	153	164	156
2	Haryana	182	143	188	85	125
3	Rajasthan	72	200	204	200	203
4	Uttar Pradesh	63		137	124	136
5	Bihar	45	200	136	140	162
6	West Bengal	1		300		300
7	Odisha	5		150	85	98
8	Madhya Pradesh	14	200	170	242	200
9	Gujarat	376	55	105	77	81
10	Maharashtra	194	88	145	116	124
11	Andhra Pradesh	257	110	108	76	87
12	Karnataka	284	71	109	108	99
13	Kerala	39		204	82	120
14	Tamil Nadu	66		104	66	84
All States		1940	78	142	99	116

Base: No. of HH Reporting cost of AI services for Buffaloes

Table 7.5c: Distribution of MAH Receiving AI Services for Cows across Price Ranges

SI No	State	Base [#]	Price Range in Rs.					
			<50	50-100	101-150	151-250	251-400	>400
1	2	3	4	5	6	7	8	9
1	Punjab	306	12	34	30	20	4	0
2	Haryana	177	34	35	12	18	1	0
3	Rajasthan	180	7	26	13	39	14	0
4	Uttar Pradesh	147	8	39	36	15	1	1
5	Bihar	333	20	32	19	18	9	1
6	West Bengal	545	4	56	18	14	6	2
7	Odisha	277	29	54	14	1	1	0
8	Madhya Pradesh	97	6	41	36	12	2	2
9	Gujarat	172	11	62	16	8	3	0
10	Maharashtra	485	10	31	29	17	10	3
11	Andhra Pradesh	314	32	52	14	1	0	0
12	Karnataka	697	16	62	16	5	1	0
13	Kerala	922	30	42	8	12	6	1
14	Tamil Nadu	973	30	55	11	4	0	0
All States		5625	21	46	17	11	4	1

Base: No. of MAH

Table 7.5d: Distribution of MAH receiving AI Services for Buffaloes across Price Ranges

SI No	State	Base [#]	Price Range in Rs.					
			<50	50-100	101-150	151-250	251-400	>400
1	2	3	4	5	6	7	8	9
1	Punjab	342	4	31	26	31	7	0
2	Haryana	182	26	28	9	30	7	0
3	Rajasthan	72	0	7	22	50	21	0
4	Uttar Pradesh	63	2	16	73	8	2	0
5	Bihar	45	2	40	18	24	16	0
6	West Bengal	1	0	0	0	0	100	0
7	Odisha	5	0	80	20	0	0	0
8	Madhya Pradesh	14	0	21	21	29	29	0
9	Gujarat	376	27	56	7	6	4	0
10	Maharashtra	194	13	46	23	12	5	2
11	Andhra Pradesh	257	33	39	23	4	1	0
12	Karnataka	284	18	62	10	7	1	1
13	Kerala	39	15	51	28	0	0	5
14	Tamil Nadu	66	27	47	24	2	0	0
All States		1940	18	42	19	15	5	1

Base: No. of MAH

Table 7.5e: Reported Cost of Natural Service (Cows)

SI No	State	Base [#]	Milk Coop	Traditional Breeders	Private Bull	Govt.	All
1	2	3	4	5	6	7	8
1	Punjab	99		200	156	167	162
2	Haryana	38	200	134	192	113	162
3	Rajasthan	194	183	188	140	73	126
4	Uttar Pradesh	145		120	133	150	125
5	Bihar	118	200	80	134	128	127
6	West Bengal	341	100	106	120		98
7	Odisha	52		53	37		56
8	Madhya Pradesh	231	100	109	118	156	116
9	Gujarat	131			145	100	141
10	Maharashtra	97	50	183	172	145	169
11	Andhra Pradesh	45			89		57
12	Karnataka	141	100	93	125	100	114
13	Kerala	49		172	193		162
14	Tamil Nadu	44	19	45	140		100
All States		1725	92	113	140	123	121

Base: No. of HH Reporting cost of NS services for Cow

Table 7.5f: Cost of Nature Service (Buffaloes)

SI No	State	Base#	Traditional Breeders	Private Bull	Govt.	All
1	2	3	4	5	6	7
1	Punjab	395	213	164	240	172
2	Haryana	579	272	229	164	235
3	Rajasthan	573	201	253	196	247
4	Uttar Pradesh	718	158	149	150	152
5	Bihar	110	115	150	100	142
6	West Bengal	4	300			253
7	Odisha	3	10	10		10
8	Madhya Pradesh	376	272	251	329	256
9	Gujarat	437	110	226	55	213
10	Maharashtra	257	169	198	155	192
11	Andhra Pradesh	144	138	153	70	149
12	Karnataka	109	173	122	100	123
13	Kerala	15	261	206		246
14	Tamil Nadu	8		103		158
All States		3728	203	204	191	201

Base: No. of HH Reporting cost of NS for Buffaloes

Table 7.5g: Distribution of MAH Receiving NS for Cows across Price Ranges

Values as percent of base

SI No	State	Base#	Amount in Rs.					
			<50	50-100	101-150	151-250	251-400	>400
1	2	3	4	5	6	7	8	9
1	Punjab	99	3	26	13	57	1	0
2	Haryana	38	5	26	21	39	8	0
3	Rajasthan	194	27	32	6	26	8	0
4	Uttar Pradesh	145	6	37	47	10	0	0
5	Bihar	118	8	52	22	12	7	0
6	West Bengal	341	4	74	11	9	3	0
7	Odisha	52	13	87	0	0	0	0
8	Madhya Pradesh	231	5	74	2	15	4	0
9	Gujarat	131	4	59	11	15	11	0
10	Maharashtra	97	4	41	6	30	16	2
11	Andhra Pradesh	45	56	24	7	13	0	0
12	Karnataka	141	1	84	4	8	4	0
13	Kerala	49	4	6	45	16	14	14
14	Tamil Nadu	44	5	25	27	32	2	9
All States		1725	9	53	14	18	5	1

Base: No. of MAH

Table 7.5h: Distribution of MAH Receiving NS for Buffaloes across Price Ranges

Values as percent of base

SI No	State	Base [#]	Amount in Rs.					
			<50	50-100	101-150	151-250	251-400	>400
1	2	3	4	5	6	7	8	9
1	Punjab	395	9	12	14	60	6	0
2	Haryana	579	1	4	7	48	39	1
3	Rajasthan	573	7	2	8	43	31	8
4	Uttar Pradesh	718	1	23	45	30	0	0
5	Bihar	110	7	36	30	20	5	2
6	West Bengal	4	25	0	0	0	75	0
7	Odisha	3	100	0	0	0	0	0
8	Madhya Pradesh	376	5	8	3	34	41	8
9	Gujarat	437	8	30	7	18	25	11
10	Maharashtra	257	4	25	16	35	17	4
11	Andhra Pradesh	144	11	31	27	18	8	4
12	Karnataka	109	4	72	5	15	4	1
13	Kerala	15	0	40	20	7	0	33
14	Tamil Nadu	8	0	38	13	50	0	0
All States		3728	5	17	17	37	20	4

Base: No. of MAH

Table 7.6a: Preference between AI and NS (Cows)

SI No	State	Cow			
		Base [#]	AI	NS	No response
1	2	3	4	5	6
1	Punjab	410	71	24	4
2	Haryana	252	65	27	8
3	Rajasthan	517	34	63	3
4	Uttar Pradesh	342	42	54	4
5	Bihar	680	41	46	13
6	West Bengal	1075	47	49	4
7	Odisha	1054	84	16	1
8	Madhya Pradesh	799	11	83	6
9	Gujarat	353	44	54	2
10	Maharashtra	655	79	20	2
11	Andhra Pradesh	296	82	8	9
12	Karnataka	800	79	18	4
13	Kerala	966	92	6	2
14	Tamil Nadu	978	91	5	4
All States		9177	64	32	4

Base: No. of MAH

Table 7.6b: Preference between AI and NS (Buffaloes)

SI No	State	Buffalo			
		Base [#]	AI	NS	No response
1	2	3	4	5	6
1	Punjab	1073	44	38	18
2	Haryana	1065	22	68	11
3	Rajasthan	1052	11	57	32
4	Uttar Pradesh	1049	6	73	21
5	Bihar	879	9	18	73
6	West Bengal	1080	1	1	98
7	Odisha	1073	3	1	97
8	Madhya Pradesh	969	2	41	57
9	Gujarat	1059	36	44	20
10	Maharashtra	1035	22	29	50
11	Andhra Pradesh	1017	46	32	22
12	Karnataka	1042	32	12	56
13	Kerala	978	3	1	96
14	Tamil Nadu	1026	10	1	90
All States		14397	18	30	52

Base: No. of MAH

Table 7.7a: Reasons for Preference of AI among Cows

Values as percent of base

SI No	State	Base [#]	Doorstep Service	Higher chances of Conception	Better Progeny	Low Service Cost	Availing this Service for long time	Bull Not Available in the Village	Confidence in the Service Provider	No alternative
1	2	3	4	5	6	7	8	9	10	11
1	Punjab	288	28	27	25	10	8	2	1	0
2	Haryana	162	23	19	28	19	5	6	1	0
3	Rajasthan	174	24	25	24	11	5	7	4	0
4	Uttar Pradesh	141	21	28	22	11	6	8	4	1
5	Bihar	265	32	26	29	5	1	6	1	1
6	West Bengal	477	31	26	16	6	3	11	5	2
7	Odisha	870	31	26	27	12	3	0	0	0
8	Madhya Pradesh	77	21	22	24	9	6	11	6	1
9	Gujarat	154	28	32	24	9	0	4	2	0
10	Maharashtra	509	23	33	31	6	1	2	2	2
11	Andhra Pradesh	232	24	26	22	15	0	10	2	0
12	Karnataka	624	19	28	21	17	6	7	2	1
13	Kerala	885	25	13	26	14	3	6	12	2
14	Tamil Nadu	871	15	26	17	18	1	17	4	1
All States		5729	24	25	23	13	3	7	4	1

Base: No. of MAH reporting reasons among AI Cow

Table 7.7b: Top Reasons for Preference of AI among Buffaloes

SI No	State	Base#	Doorstep Service	Higher chances of Conception	Better Progeny	Low Service Cost	Availing this Service for long time	Bull Not Available in the Village	Confidence in the Service Provider	No alternative
1	2	3	4	5	6	7	8	9	10	11
1	Punjab	467	26	28	24	10	7	3	1	0
2	Haryana	234	20	24	26	14	7	7	3	0
3	Rajasthan	108	26	19	26	15	5	5	3	0
4	Uttar Pradesh	61	25	29	20	8	3	8	4	3
5	Bihar	75	31	26	27	8	1	7	1	0
6	West Bengal	7	-	-	-	-	-	-	-	-
7	Odisha	9	-	-	-	-	-	-	-	-
8	Madhya Pradesh	20	29	18	20	15	2	6	9	2
9	Gujarat	382	29	32	26	10	1	1	1	1
10	Maharashtra	221	18	29	29	10	2	7	3	2
11	Andhra Pradesh	469	29	25	30	11	2	2	1	0
12	Karnataka	312	14	24	20	19	8	8	5	1
13	Kerala	22	15	18	27	8	7	0	23	2
14	Tamil Nadu	88	20	31	16	12	0	14	6	2
All States		2475	24	27	25	12	4	5	2	1

Base: No. of MAH reporting reasons among AI Buffaloes

Table 7.7c: Top Reasons for Preference of NS among Cows

SI No	State	Base#	Doorstep Service	Higher chances of Conception	Better Progeny	Low Service Cost	Traditionally availing this Service	Bull Available in the Village	No alternative	Others
1	2	3	4	5	6	7	8	9	10	11
1	Punjab	100	4	30	23	6	22	15	0	0
2	Haryana	67	3	29	20	15	15	17	0	0
3	Rajasthan	322	8	18	16	13	15	29	1	0
4	Uttar Pradesh	181	7	28	12	21	15	12	4	1
5	Bihar	160	12	27	23	18	14	6	1	1
6	West Bengal	422	4	22	9	14	19	22	8	2
7	Odisha	149	11	11	17	18	25	19	0	0
8	Madhya Pradesh	262	7	24	18	10	22	15	2	1
9	Gujarat	190	22	28	16	6	10	17	1	1
10	Maharashtra	127	11	32	30	8	10	3	3	1
11	Andhra Pradesh	25	19	22	25	16	11	8	0	0
12	Karnataka	138	16	19	22	14	10	8	6	4
13	Kerala	55	14	25	27	11	13	6	4	1
15	Tamil Nadu	50	9	27	20	16	19	6	4	0
All States		2248	9	24	17	13	16	16	3	2

Base: No. of MAH reporting reasons among NS Cow

Table 7.7d: Top Reasons for Preference of NS among Buffaloes

SI No	State	Base [#]	Doorstep Service	Higher chances of Conception	Better Progeny	Low Service Cost	Availing this Service for long time	Bull Not Available in the Village	Confidence in the Service Provider	No Alternative	OTHERS
1	2	3	4	5	6	7	8	9	10	11	12
1	Punjab	405	32	23	7	22	15	0	0	0	0
2	Haryana	719	31	15	21	23	9	1	0	0	0
3	Rajasthan	596	23	15	14	23	22	3	0	0	0
4	Uttar Pradesh	764	30	13	17	19	14	5	1	0	0
5	Bihar	150	30	26	15	16	9	2	1	0	0
6	West Bengal	3	50	0	0	25	0	25	0	0	0
7	Odisha	5	0	22	33	33	11	0	0	0	0
8	Madhya Pradesh	393	29	20	10	22	14	4	1	0	0
9	Gujarat	462	39	21	6	15	17	2	0	1	0
10	Maharashtra	295	36	36	7	11	6	4	0	0	0
11	Andhra Pradesh	324	28	27	17	15	8	2	0	3	0
12	Karnataka	120	24	23	20	8	8	13	2	2	0
13	Kerala	11	29	33	8	8	0	21	0	0	0
14	Tamil Nadu	5	14	29	7	21	21	7	0	0	0
All States		4252	29	19	14	19	13	3	3	0	0.4

Base: No. of MAH reporting reasons among NS Buffaloes

Table 7.8a: Adoption of Only AI in MAH by Land Holding Class

SI No	State	Land Holding Class						
		Landless	Marginal Farmers	Small Farmers (1-2 Ha)	Semi-medium Farmers (2-4 Ha)	Medium Farmers (4-10 Ha)	Large Farmers (>10 Ha)	All
1	2	3	4	5	6	7	8	9
1	Punjab	59	60	60	55	51	46	58
2	Haryana	32	28	33	27	35	50	31
3	Rajasthan	12	18	18	16	12	8	17
4	Uttar Pradesh	17	17	15	12	16	11	15
5	Bihar	36	40	35	51	--	--	39
6	West Bengal	54	46	62	--	--	--	50
7	Odisha	31	22	27	43	44	--	26
8	Madhya Pradesh	5	3	3	1	4	3	3
9	Gujarat	25	54	39	42	25	--	43
10	Maharashtra	52	52	54	57	55	--	54
11	Andhra Pradesh	53	59	60	52	31	--	56
12	Karnataka	66	81	71	81	63	--	76
13	Kerala	99	88	--	--	--	--	92
14	Tamil Nadu	87	95	96	95	100	--	92
All States		56	50	42	39	34	34	47

Base: No. of milch animals that received any type of breeding service within their respective categories

Table 7.8b: Adoption of only AI in MAH by Milch Animal Holding Size

SI No	State	Milch Animal Holding Size					
		1 Milch Animal	2 Milch Animal	3 Milch Animal	4 Milch Animal	>4 Milch Animal	All
1	2	3	4	5	6	7	8
1	Punjab	55	60	58	50	64	58
2	Haryana	29	31	34	37	46	31
3	Rajasthan	14	19	20	13	15	17
4	Uttar Pradesh	15	17	14	13	10	15
5	Bihar	41	33	--	--	--	39
6	West Bengal	46	51	57	33	68	50
7	Odisha	22	31	37	--	42	26
8	Madhya Pradesh	5	3	1	2	2	3
9	Gujarat	41	44	52	45	39	43
10	Maharashtra	48	52	60	60	56	54
11	Andhra Pradesh	55	60	59	52	50	56
12	Karnataka	74	75	76	75	81	76
13	Kerala	95	93	92	82	90	92
14	Tamil Nadu	92	91	93	96	88	92
All States		43	49	50	48	53	47

Base: No. of milch animals that received any type of breeding service within their respective categories

Table 7.8c: Adoption of only AI in MAH by Economic Group

SI No	State	Economic group		
		APL	BPL + Antyodaya	All
1	2	3	4	5
1	Punjab	57	64	58
2	Haryana	32	30	31
3	Rajasthan	16	18	17
4	Uttar Pradesh	14	18	15
5	Bihar	43	36	39
6	West Bengal	56	39	50
7	Odisha	34	20	26
8	Madhya Pradesh	3	3	3
9	Gujarat	48	34	43
10	Maharashtra	58	47	54
11	Andhra Pradesh	38	58	56
12	Karnataka	76	76	76
13	Kerala	91	94	92
14	Tamil Nadu	97	90	92
All States		44	51	47

Base: No. of milch animals that received any type of breeding service within their respective categories

Table 7.8d: Adoption of only AI in MAH by Social Group

SI No	State	Social Group				
		General	SC	ST	OBC	All
1	2	3	4	5	6	7
1	Punjab	57	54	--	67	58
2	Haryana	32	25	--	34	31
3	Rajasthan	15	14	20	18	17
4	Uttar Pradesh	19	14	--	14	15
5	Bihar	47	33	24	38	39
6	West Bengal	51	42	53	62	50
7	Odisha	25	16	21	32	26
8	Madhya Pradesh	3	4	1	3	3
9	Gujarat	52	32	43	41	43
10	Maharashtra	58	52	30	51	54
11	Andhra Pradesh	57	63	14	56	56
12	Karnataka	76	69	85	75	76
13	Kerala	91	88	58	95	92
14	Tamil Nadu	96	88	--	93	92
All States		52	42	--	47	47

Base: No. of milch animals that received any type of breeding service within their respective categories