



Sampling Plan for Serosurveillance of FMD in India under National Animal Disease Control Programme (NADCP) - 2022

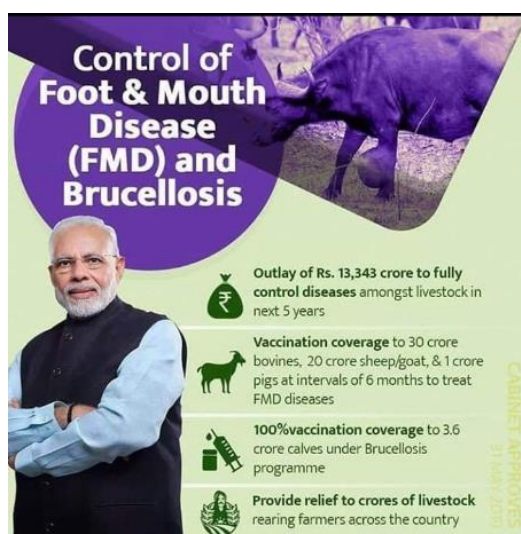


ICAR-National Institute of Veterinary Epidemiology and Disease Informatics (NIVEDI)

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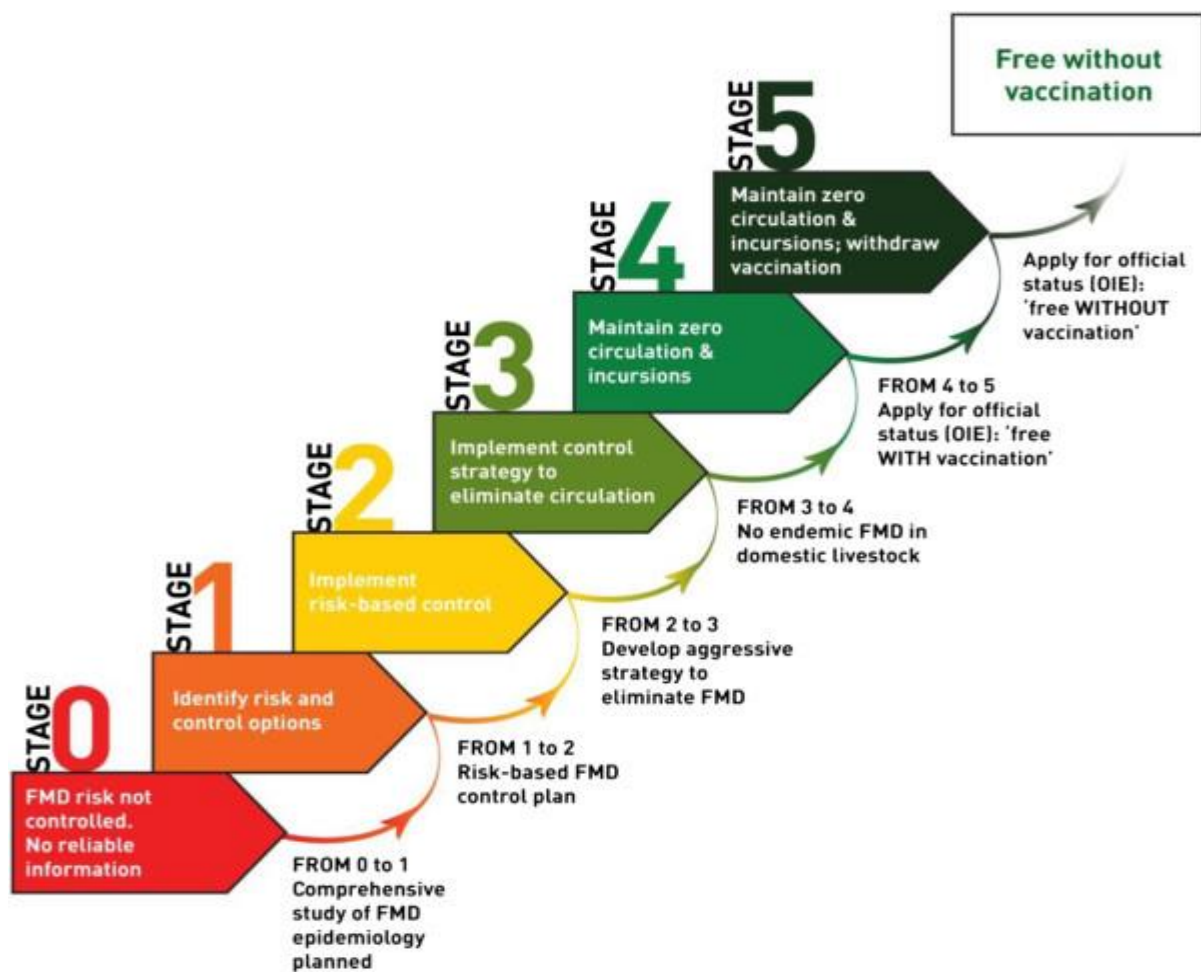


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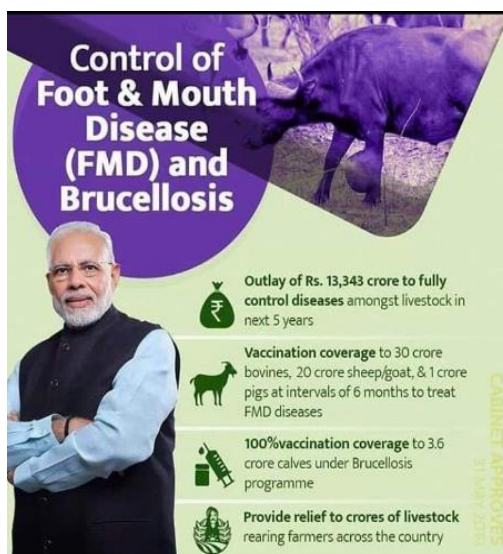
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FMD Sero-surveillance

Introduction and objectives

India is in the stage 2 of progressive control pathway of FMD. In order to contain the disease, mass vaccination program have been taken up on a country wide scale. If India is progress to the next stage of the PCP, it should have proper post vaccination monitoring and surveillance in place. The mass vaccination of cattle and buffaloes is taking place two times a year and so are the vaccination and post vaccination monitoring activity. FMD surveillance in India is currently focusing on knowing the virus circulation (finding the cases) and knowing level of the disease in the population. Therefore, surveillance aimed at demonstrating the absence of disease or infection, does not apply to the current scenario.

In India, vaccination with inactivated vaccine is the primary mode of FMD control. There is a challenge to identify the infected animals among the vaccinated animals based on serology for appropriate implementation of the control programme. Differentiation of these two categories of animals is important during serological surveys to detect evidence of infection. During active viral replication following FMD virus infection, arrays of non-structural proteins (NSPs) are produced that elicit anti-NSP antibodies, which is not the case in animals, which are vaccinated against FMD with inactivated virus vaccine. This phenomenon has been exploited to measure antibodies to 3AB3, a non-structural protein in the currently ongoing surveillance activity. For the said purpose, 3AB3, a non-structural protein has been expressed using recombinant DNA technology and the so expressed recombinant protein has been used in an ELISA test to differentiate vaccinated from FMD virus infected (DIVA) animals. This indigenously developed rDIVA-FMD kit, has been validated for mass scale comprehensive sero-surveillance as per the OIE approved guidelines and is at least four-times economical than the commercial DIVA kits available on import. The diagnostic sensitivity and specificity of this kit is estimated to be 95% and 98%, respectively. Now this kit is in extensive use in the country as a companion diagnostic in the National FMD control programme. Use of DIVA assay is essential in identification of potential disease free zones (DFZs) with vaccination in India.

With the above background, surveillance activity at the national level is planned. The sole objective of the sero-surveillance has been to measure the level the disease presence by screening the cattle and buffalo sera against non-structural proteins (NSPs) particularly 3B3 and to identify high risk regions for planning and implementing appropriate control measures.

Sampling Strategy currently used for Sero-surveillance

All form of epidemiological investigations requires the scientific sampling plan for collection of data on health problems. Estimation of prevalence of a disease is a prerequisite to establish the disease control program, hence sampling the populations in order to estimate the level of disease prevalence is common task for epidemiologists. In sampling, one should ensure that animals are representative of the target population so that the estimated value/s are unbiased and precise (low standard error). Simple random sampling, systematic or stratified random samplings are the most commonly used sampling methods.

In the developed world, which practice two-stage sampling, the individual livestock farm forms the primary sampling unit. However, this concept cannot be adopted in our country as farm wise details are not available to prepare a sampling frame. Additionally, in a country where small farms (2-3 animals/household) are a norm, the farm becomes too small a unit to do the sampling. In such a situation, taking the village as primary sampling unit makes sense as fairly homogeneous population of animal exist in a village and these form a natural cluster. It is argued that in a large population where animals are separated into herds (villages in our context), disease has a strong tendency to cluster. This is because the disease agent or agents (whether infectious, environmental or genetic) are generally not evenly distributed throughout the population. With rare diseases, this clustering is usually even more pronounced. As a result, a very low proportion of herds may be affected by a particular disease-but within those affected herds, the prevalence of the disease amongst animals may be quite high. If a survey designed to detect the presence of disease fails to take into account the clustering of disease in the population, the results of the survey are likely to be very unreliable. This is because the probability formulae that the surveys are based on assumption that every unit in the population has the same probability of being affected. Another problem with large-area surveys is the logistics of sampling. The solution to both these problems is to use a two-stage sampling strategy in which villages form the primary sampling units (first stage), and individual animals within selected villages make secondary sampling units (second stage). In this way, the sample sizes at each stage can be adjusted to reflect the different disease prevalence's (the proportion of villages affected in the first stage, and the proportion of animals affected in the village at the second stage). Two-stage sampling also means that the construction of sampling frames is much simpler. At the first stage, only a list of all villages (defined epi unit) in the population is required, and at the second stage, only animals in each of the selected villages are to be included in the list.

In this sampling scheme we employed two stage stratified random sampling, with district as stratification variable for buffalo and cattle population in different states. The present sampling strategy is a deviation from the previous sampling methodology. It is to be recalled that earlier a total of 200

bovine serum samples (animals 6 months- 18 months of age) per annum/district were arbitrarily collected from various districts of India for 3AB3-NSP based sero-surveillance activity.

The input requirements used for sampling plan were;

- a. The estimated animal level prevalence for 3B3 NSP protein as shown in Table 1,
- b. Theoretical village level prevalence of 20%, 15%, 10% and 5% for small (states having target population up to 1.5% of total), medium (states having target population up to 5% of total), large (states having target population up to 10 % of total), very large (states having target population more than 10% of total) states respectively to provide better representation of villages within the district and state.
- c. Accounted for variations in diagnostic sensitivity and specificity for 3B3 NSP ELISA

Two -stage stratified random sampling plan was generated at reasonably high confidence (0.95%) using in-house developed using epi-calculator under NADRES v2 by ICAR-NIVEDI, Bengaluru.). The summary of sampling plan generated using two-stage stratified random sampling scheme is presented in Table 2.

Table 1: State wise NSP antibody positivity in percent used for calculating sample size

Sl. No.	State/UT	Total Number of serum samples tested	Total positive	%3AB3 reactors
States				
1	Andhra Pradesh	No data available		18.0
2	Arunachal Pradesh	202	16	7.92
3	Assam	8151	1730	21.22
4	Bihar	No data available		18.0
5	Chhattisgarh	3668	550	14.99
6	Gujarat	5260	525	9.98
7	Goa	No data available		18.0
8	Himachal Pradesh	3420	658	19.23
9	Haryana	9040	619	6.81
10	Jharkhand	825	137	16.61
11	Karnataka	2099	435	20.72
12	Kerala	8295	1749	21.08
13	Madhya Pradesh	4864	889	18.3
14	Maharashtra	10539	1666	15.81
15	Meghalaya	378	104	27.5
16	Mizoram	360	44	12.22
17	Manipur	No data available		18.0
18	Nagaland	540	133	24.64
19	Odisha	1924	319	16.58
20	Punjab	3919	594	15.15
21	Rajasthan	1835	395	21.53
22	Sikkim	No data available		18.0
23	Tamilnadu	522	90	17.24
24	Telangana	10029	311	3.1
25	Tripura	No data available		18.0
26	Uttar Pradesh	9379	1093	11.65
27	Uttarakhand	4049	811	20.03
28	West Bengal	810	332	41.1
Union Territories				
1	Andaman & Nicobar Islands	728	28	3.84
2	Chandigarh	No data available		18.0
3	Dadra and Nagar Haveli and Daman and Diu	No data available		18.0
4	Delhi	No data available		18.0
5	Jammu & Kashmir	1391	305	21.93
6	Ladakh	No data available		18.0
7	Lakshadweep	No data available		18.0
8	Pondicherry	960	569	59.3

Note: For states/UT with unknown prevalence, the national three years average prevalence of **18%** is used. *States where NSP -antibody prevalence is less than 5%, OIE recommended prevalence of 5% was used for preparation of sampling plan.

Table 2: Summary of sampling plan using Two-stage stratified random sampling for serosurveillance of FMD in India.

STATE	NO OF DISTRICTS	NO OF BLOCKS	Total no of Cattle + Buffalo **	No of Animals to be Sampled	Average No of Samples Per Districts
Andaman & Nicobar	2	6	40138	2149	1075
Andhra Pradesh	13	119	10819586	6864	528
Arunachal Pradesh	20	66	345600	1984	99
Assam	33	102	11330954	2028	61
Bihar	38	162	23117774	2760	73
Chandigarh	1	1	25617	158	158
Chhattisgarh	27	121	11158676	3978	147
Dadra & Nagar Haveli & Diu & Daman	2	6	42947	290	145
Delhi	11	39	281219	873	79
Goa	2	17	87454	1228	614
Gujarat	33	159	20176887	6656	202
Haryana	22	71	6296705	7106	323
Himachal Pradesh	12	80	2474582	2408	201
Jammu & Kashmir	20	70	3145868	2041	102
Jharkhand	24	82	12573365	1584	66
Karnataka	30	114	11453564	2080	69
Kerala	14	55	1443500	1875	134
Ladakh	2	8	78211	832	416
Lakshadweep	1	4	2509	52	52
Madhya Pradesh	51	168	29057959	2534	50
Maharashtra	35	140	19595996	2737	78
Manipur	9	41	260702	1214	135
Meghalaya	11	39	919284	1189	108
Mizoram	8	25	47810	1366	171
Nagaland	11	60	93950	982	89
Odisha	30	163	10362294	3200	107
Puducherry	4	10	74379	179	45
Punjab	22	71	6547407	3723	169
Rajasthan	33	120	27630946	1848	56
Sikkim	4	16	149154	1485	371
Tamilnadu	32	142	746162	2880	90
Telangana	31	173	8458845	8241	266
Tripura	8	48	10037455	1433	179
Uttar Pradesh	75	185	2718441	6270	84
Uttarakhand	13	85	52036426	2145	165
West bengal	23	137	19708837	1127	49
Total	707	2905	303341203	89499	127

**** 20th Livestock Census (DAHD, GoI)** Animals of 6 months to 18 months of age to be sampled, irrespective of vaccination.

Guidelines for collection of random samples

Given below is the example provided by us to the coordinating unit for sample collection.

Example: If you are asked to collect 5 samples from a village having 17 animals (cattle & buffaloes together), you are supposed to do systematic random sampling as follows;

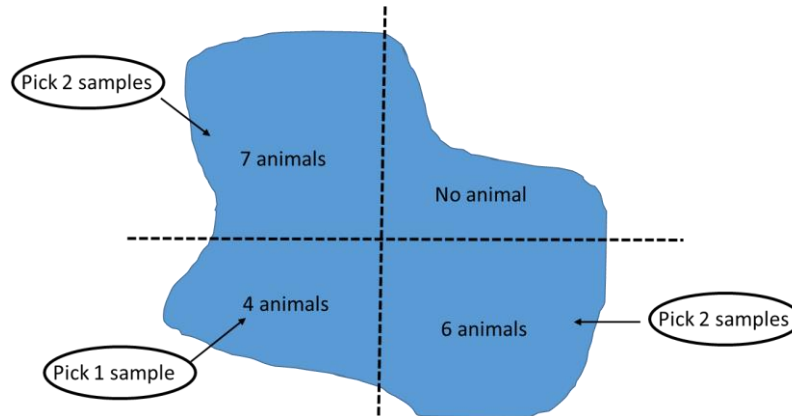
In a table, enumerate and list all the households/owners having the given species of animals. Say for example there are three owners viz., Avinash Alur, Avinash B, Avinash Sunkad in the village with 7 (5 buffaloes & cattle), 6 (3 buffaloes & 3 cattle), 4 (cattle) number of animals respectively, then make the sampling frame as follows;

S. No.	Owner (Hosuehold)	Total (Cattle+Buffaloes)	Temporary ID	
1	Avinash Alur	7	AA1	
2			AA2	4 th sample
3			AA3	
4			AA4	
5			AA5	5 th sample
6			AA6	
7			AA7	
8	Avinash B.	6	AB1	
9			AB2	
10			AB3	1 st sample
11			AB4	
12			AB5	
13			AB6	2 nd sample
14	Avinash Sunkad	4	AS1	
15			AS2	
16			AS3	3 rd sample
17			AS4	

Pick a random number between 1-17 (as the village has total 17 animals)

Say, you picked 10 (S. No. 10), then identify the household/owner the pointing to the said serial number. In this case, it is house of Avinash B. Since you have to collect 5 samples from the list of 17 animals ($17/5=3.4$, round that to 3), mark every third animal in the list as shown above. Once you have identified the owners and the animals, go to the identified owners house, stand at the entrance/entry point of pen (shed), number the animals serially in a clockwise manner (remember line also makes part of the circle) starting from the one nearest to the entrance/entry point. In this case, it is third nearest animal from the entrance of the pen of Mr. Avinash B. Similarly, collect all the required samples as shown in the table. You should visit all the identified houses to collect samples.

Alternatively, you can hypothetically divide the village in to four quarters and pick the requisite number of samples from households as shown below



Standard Operating Procedure (SOP) for Collection and Dispatch of Serum

General requirements: Aseptic precautions should be observed right from collection of blood to dispatch of serum. It is advisable to wear gloves at all times (be it removal of stopper from vacutainer, centrifugation, pipetting, disposal of contaminated tubes, and clean-up of any spills) when handling the specimens. Used vacutainers, needles, and pipets must be properly disposed in accordance with biosafety/institutional requirements.

Serum Collection

Sample collection

- *Animals of 6 months to 18 months of age to be sampled irrespective of vaccination.*

Materials required

- Vacutainers 5 ml capacity (Red Top, BD catalog No. 366430)
- Desktop Centrifuge (refrigerated preferably) with swinging bucket rotor
- Sterile 15ml polypropylene centrifuge tubes
- Sterile Cryovials (preferably internal threaded)
- 2ml, 5ml pipettes or 1ml micro pipettes and 1 ml sterile pipette tips.
- Ice Buckets
- Laminar Flow cabinet

Serum Separation Procedure

- ❖ Keep the vacutainer in a slanting position after the blood is drawn (draw blood only up to 2/3 of the maximum volume) at room temperature for a minimum of 30 to a maximum of 60 minutes to allow the clot to form.
- ❖ If the blood is not centrifuged immediately after the clotting time, the tubes should be placed on ice or refrigerated. (4°C).
- ❖ Transfer the content of the vacutainer to a sterile 15 ml centrifuge tube (if you are doing this in the lab kindly use laminar flow).

- ❖ Centrifuge the blood sample at in a swing-out rotor for 20 minutes at 1100-1300 g at room temperature.

Warning: Excessive centrifuge speed (over 2000 g) may cause tube breakage

- ❖ At the end of the centrifugation transfer the serum (Recommendation: do not pour!) to a sterile labelled cryo vial (preferably internal threaded) using a pipette. Close the caps on the vials tightly.

Note: It would be wise to keep the pipet above the red blood cell layer and leave a small amount of serum in the tube so as avoid picking up red blood cells.

- ❖ Check that all aliquot vial caps are secure and that all vials are labelled.
- ❖ Place all aliquots upright in a specimen box or rack in an -20°C or colder freezer. All specimens should remain at -20°C or below prior to shipping.

Serum Shipping Instructions

- ❖ Use at least 1 inch thick walled thermocol box for shipping of serum
- ❖ The serum samples should be preferably shipped in dry ice, if not add sufficient number of ice packs which were earlier stored in -80°C. If ice packs are used for shipping, ensure that samples are placed within layer of icepacks.
- ❖ Kindly ensure that there is no leakage during shipment. To do this it wise to keep the vials in a cryo box and ship.
- ❖ Ship the serum as quickly as possible preferably by overnight courier.
- ❖ Inform DFMD/relevant laboratory telephonically about the shipping.
- ❖ Ensure that the samples are accompanied by standard proforma attached herewith in appendix II (proforma for serum dispatch to ICAR-DFMD/Relevant Lab)

Please contact for any clarifications on SOP and Sampling plan issues:

1. Dr. K.P.Suresh, Principal Scientist - 7892791174
2. Dr. Divakar Hemadri, Principal Scientist - 9611707079
3. Dr. Saravanan S, Senior Scientist - 8861735430

Proforma for serum collection in the field

Sample ID: **Date of Sampling (DD/MM/YYYY):**
Owner's Name: **Mob No.:**
Village: **Tehasil/Block:**
District: **State:**
Pincode:

Species of animals (Tick the correct one)

Cattle Buffalo

Sex (Tick the correct one)

Male Female

Age in Months (write the age)

Health status of the animal (Tick the correct one)

Apparently Healthy Diseased: Yes/No
Suspected disease (If Yes):

Vaccination History

Vaccinated/not vaccinated

Date of vaccination

Remarks if any:

Proforma for serum dispatch to ICAR-DFMD/Relevant Lab

Ref No.:

Date:

Sender:

[illegible]

Proforma for serum dispatch to ICAR-DFMD/Relevant Lab (contd...)

[illegible]

BRU/NIVEDI/Andaman And Nicobar Islands1/2022**Stratified Random Sampling:**

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 1 + (Cattle + Buffalo) = 243

Design Level Prevalence = 0.05

Cluster Level Prevalence = 0.025

Sensitivity of the test used = 0.80

Total No of Villages (Clusters) Selected = 69

Total No of Animals to be Sampled = 2149 (Restricted)

DISTRICT_NAME (a)	BLOCK_NAME (b)	VILLAGE_NAME (c)	Buffalo Population (d)	Cattle Population (e)	Cattle + Buffalo Population (f)	Number of units to sample (g)	Buffalo Proportion (h)	Cattle Proportion (i)
North And Middle Andaman	Diglipur	Narayan T (Efa) ikri	0	11	11	13	0	13
North And Middle Andaman	Diglipur	Lamiya Bay (Efa)	0	13	13	14	0	14
North And Middle Andaman	Mayabunder	East of Karmatang X	0	20	20	20	0	20
North And Middle Andaman	Diglipur	Coffe Dera (Efa)	0	31	31	26	0	26
North And Middle Andaman	Mayabunder	Kanchi Nallaha (Efa) & Bamboo	0	31	31	26	0	26
North And Middle Andaman	Rangat	Yeratiljig (Rv)	0	53	53	31	0	31
North And Middle Andaman	Mayabunder	Basantipur (Rv)	0	57	57	31	0	31
North And Middle Andaman	Diglipur	Smith (Efa)	0	59	59	32	0	32
North And Middle Andaman	Mayabunder	Devpur (Rv)	0	61	61	32	0	32
North And Middle Andaman	Rangat	Abaygarh (Rv)	49	14	63	32	25	7
North And Middle Andaman	Diglipur	Santi Nagar	0	67	67	32	0	32
North And Middle Andaman	Mayabunder	Govindpur (Rv)	0	78	78	33	0	33
North And Middle Andaman	Mayabunder	Swadesh Nagar (Rv)	0	80	80	34	0	34
North And Middle Andaman	Rangat	Raglachang (Rv)	17	65	82	34	7	27
North And Middle Andaman	Rangat	Bakultala Part I	0	83	83	34	0	34
North And Middle Andaman	Mayabunder	Chainpur (Rv)	5	84	89	34	2	32
North And Middle Andaman	Rangat	Kanchangarh (Rv)	33	64	97	35	12	23
North And Middle Andaman	Diglipur	Ganna Dabla (Efa)	12	90	102	35	4	31
North And Middle Andaman	Mayabunder	Pahalgaoon (Rv)	2	105	107	35	1	34
North And Middle Andaman	Diglipur	Kalighat (Rv)	0	116	116	36	0	36
North And Middle Andaman	Mayabunder	Paiket Bay (Efa)	45	72	117	36	14	22
North And Middle Andaman	Rangat	Saktigarh (Rv)	0	133	133	36	0	36
North And Middle Andaman	Rangat	Janakpur (Rv)	0	144	144	37	0	37
North And Middle Andaman	Rangat	Parnasala (Rv)	0	165	165	37	0	37
North And Middle Andaman	Diglipur	Haran Nallaha (Efa)	52	114	166	37	12	25
North And Middle Andaman	Diglipur	Ganesh Nagar	13	157	170	37	3	34
North And Middle Andaman	Rangat	Nimbutala (Rv)	0	183	183	37	0	37
North And Middle Andaman	Mayabunder	Santipur (Rv)	0	187	187	37	0	37
North And Middle Andaman	Diglipur	Hara Tikry (Efa)	20	202	222	38	3	35
North And Middle Andaman	Diglipur	Laxmipur (Rv)	12	211	223	38	2	36
North And Middle Andaman	Diglipur	Subhashgram (Rv)	0	265	265	38	0	38
North And Middle Andaman	Diglipur	Khudirampur (Rv)	2	265	267	38	0	38
North And Middle Andaman	Diglipur	Kishori Nagar (Rv)	23	282	305	39	3	36
North And Middle Andaman	Mayabunder	Hanspuri (Rv) (Including Jpp	197	129	326	39	24	15
North And Middle Andaman	Diglipur	Madhupur (Rv)	5	405	410	39	0	39
North And Middle Andaman	Mayabunder	Tugapur (Rv)	70	430	500	39	5	34
South Andamans	Port Blair	Port Blair (M Cl) - Ward No.13	0	2	2	2	0	2

South Andamans	Port Blair	Port Blair (M Cl) - Ward No.16	0	7	7	8	0	8
South Andamans	Ferrargunj	Lohabarrack (Wls)	0	26	26	24	0	24
South Andamans	Port Blair	Port Blair (M Cl) - Ward No.12	0	38	38	28	0	28
South Andamans	Ferrargunj	Herbertabad (Rv)	0	51	51	30	0	30
South Andamans	Port Blair	Port Blair (M Cl) - Ward No.11	0	72	72	33	0	33
South Andamans	Ferrargunj	Manglutan (Efa)	0	88	88	34	0	34
South Andamans	Port Blair	Bada Khari (Fc)	18	74	92	34	7	27
South Andamans	Port Blair	Krishna Nagar (Rv)	0	94	94	35	0	35
South Andamans	Ferrargunj	Hope Town (Rv)	0	98	98	35	0	35
South Andamans	Ferrargunj	Badmash Pahar (Rv)	0	107	107	35	0	35
South Andamans	Ferrargunj	Bambooflat	11	117	128	36	3	33
South Andamans	Port Blair	Chidiyatapu (Rv)	7	144	151	37	2	35
South Andamans	Ferrargunj	Bambooflat Part II	14	175	189	37	3	34
South Andamans	Ferrargunj	Manjeri (Rv) & Line Dera (Fc)	0	195	195	38	0	38
South Andamans	Ferrargunj	Mannarghat (Rv)	11	192	203	38	2	36
South Andamans	Port Blair	Port Blair (M Cl)- Ward No. 21	8	200	208	38	1	37
South Andamans	Little Andaman	Vivekanandapuram (Rv)	0	224	224	38	0	38
South Andamans	Ferrargunj	Wimberlygunj (Rv)	10	227	237	38	2	36
South Andamans	Ferrargunj	Stewartgunj (Rv)	40	218	258	38	6	32
South Andamans	Port Blair	Port Blair (M Cl) - Ward No.18	51	217	268	38	7	31
South Andamans	Port Blair	Bimilitan (Rv) & Kodivaghat	30	253	283	39	4	35
South Andamans	Port Blair	Calicut (Rv)	1	320	321	39	0	39
South Andamans	Ferrargunj	Ferrargunj (Rv)	61	265	326	39	7	32
South Andamans	Ferrargunj	Mithakhari (Rv)	43	326	369	39	5	34
South Andamans	Ferrargunj	Namunaghar (Rv)	74	308	382	39	8	31
South Andamans	Little Andaman	Ramakrishnapur (Rv)	0	419	419	39	0	39
South Andamans	Ferrargunj	Manglutan (Rv)	0	904	904	40	0	40

Abbreviations:

a :	District Name	f :	Cattle + Bullalo Population
b :	Block Name	g :	Number of units to Sample
c :	Village Name	h :	Buffalo Proportion
d :	Buffalo Population	i :	Cattle proportion
e :	Cattle Population		

FMD/SEROSUR/NIVEDI/Andhra Pradesh2/2022**Stratified Random Sampling:**

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 200 + (Cattle + Buffalo) = 8605

Design Level Prevalence = 0.05

Cluster Level Prevalence = 0.025

Sensitivity of the test used = 0.90

Total No of Villages (Clusters) Selected = 132 (+2 Reserved Villages)

Total No of Animals to be Sampled = 6864

DISTRICT_NAME (a)	BLOCK_NAME (b)	VILLAGE_NAME (c)	Buffalo Population (d)	Cattle Population (e)	Cattle + Buffalo Population (f)	Number of units to sample (g)	Buffalo Proportion (h)	Cattle Proportion (i)
Anantapur	Chennekothapalle	Mustikovila	109	415	524	49	10	39
Anantapur	Madakasira	Chathram	175	545	720	50	12	38
Anantapur	Gudibanda	Morubagal	414	453	867	50	24	26
Anantapur	Urvakonda	Nerimetla	378	731	1109	51	17	34
Anantapur	Nambulpulikunta	Vankamaddi	195	1021	1216	51	8	43
Anantapur	Garladinne	Penakacherla	486	824	1310	51	19	32
Anantapur	Roddam	Bucharla	916	502	1418	51	33	18
Anantapur	Amarapuram	Halukuru	991	552	1543	51	33	18
Chittoor	Tirupati (Rural)	Paidi Palle	46	275	321	48	7	41
Chittoor	Kuppam	Nadimur	0	436	436	49	0	49
Chittoor	Venkatagirikota	Nernipalle	0	586	586	50	0	50
Chittoor	Nagari	Gundrajukuppam (R)	114	520	634	50	9	41
Chittoor	Kuppam	Kungegowniyur	0	643	643	50	0	50
Chittoor	Gangavaram	Pathikonda	0	667	667	50	0	50
Chittoor	Vedurukuppam	Komaragunta	14	1002	1016	51	1	50
Chittoor	Mulakalacheruvu	Devalcheruvu	3	1098	1101	51	0	51
Chittoor	Renigunta	R. Mallavaram	139	1037	1176	51	6	45
Chittoor	Kalikiri	Guttapalem	0	1381	1381	51	0	51
Chittoor	Baireddipalle	Nellipatla	0	1647	1647	51	0	51
Chittoor	Peddapanjani	Battamdoddi	0	1873	1873	51	0	51
East Godavari	Pithapuram	Pithapuram (M) - Ward No.4	230	96	326	48	34	14
East Godavari	Yetipaka	Lingalapalle	74	339	413	49	9	40
East Godavari	Kakinada (Rural)	Chidiga	408	63	471	49	42	7
East Godavari	Seethanagaram	Mulakallanka	526	14	540	50	49	1
East Godavari	Pithapuram	Pithapuram (M) - Ward No.9	368	231	599	50	31	19
East Godavari	Peddapuram	Pulimeru	741	69	810	50	46	4
East Godavari	Rayavaram	Chelluru	795	174	969	50	41	9
East Godavari	Amalapuram	Bhatnavilli	450	564	1014	51	23	28
East Godavari	Devipatnam	Indukurupeta	643	402	1045	51	31	20
East Godavari	Karapa	Aratlakatta	1178	258	1436	51	42	9
East Godavari	Kotananduru	Allipudi	1568	695	2263	51	35	16
East Godavari	Korukonda	Dosakayalapalle	2386	660	3046	51	40	11
Guntur*	Repalle	Repalle (M) - Ward No.12	267	0	267	47	47	0
Guntur	Pedakurapadu	Lagadapadu	575	225	800	50	36	14
Guntur	Piduguralla	Piduguralla (NP) WARD NO.-0020	916	0	916	50	50	0
Guntur	Phirangipuram	113 Thalluru	1014	51	1065	51	49	2
Guntur	Edlapadu	Solasa	1038	128	1166	51	45	6

Guntur	Duggirala	Pedakondur	2146	86	2232	51	49	2
Guntur	Rentachintala	Paluvoi	2463	139	2602	51	48	3
Guntur	Nekarikallu	Kunkalagunta	3435	188	3623	51	48	3
Krishna	Movva	Barlapudi	219	22	241	47	43	4
Krishna	Veerullapadu	Dodda Devarapadu	408	27	435	49	46	3
Krishna	Gampalagudem	Chennavaram	499	138	637	50	39	11
Krishna	Avanigadda	Aswaraopalem	605	70	675	50	45	5
Krishna	Avanigadda	Modumudi	941	83	1024	51	47	4
Krishna	Ibrahimpattanam	Kondapalle (Ct)	1264	100	1364	51	47	4
Krishna	Bapulapadu	Remalle	1287	208	1495	51	44	7
Krishna	Kalidindi	Kalidindi	1411	278	1689	51	43	8
Krishna	Gampalagudem	Penugolanu	1667	514	2181	51	39	12
Kurnool	Nandavaram	Chinnakothiliki	123	162	285	48	21	27
Kurnool	Yemmiganur	Yemmiganur (M) - Ward No.8	263	312	575	50	23	27
Kurnool	Holagunda	Suluvo	283	422	705	50	20	30
Kurnool	Allagadda	Allagadda (M) WARD NO.-0015	269	509	778	50	17	33
Kurnool	Tuggali	Edduladoddi	366	638	1004	51	19	32
Kurnool	Bandi Atmakur	Ernapadu	1109	271	1380	51	41	10
Kurnool	Bethamcherla	Pendakal	765	756	1521	51	26	25
Kurnool	Peapally	Kalachetla	770	908	1678	51	23	28
Kurnool	Yemmiganur	Kandanathi	565	1496	2061	51	14	37
Prakasam	Podili	Zuvvaleru	373	15	388	49	47	2
Prakasam	Gudluru	Gundlapalem	688	0	688	50	50	0
Prakasam	Pedacherlo Palke	Vepagum Palke	807	3	810	50	50	0
Prakasam	Tarlupadu	Tarlupadu	872	47	919	50	47	3
Prakasam	Lingasamudram	Pentrala	902	24	926	50	49	1
Prakasam	Hanumanthuni Padu	Hazee Puram	1193	68	1261	51	48	3
Prakasam	Kotha Pattanam	Madanur	1395	46	1441	51	49	2
Prakasam	Vetapalem	Vetapalem (Ct)	2904	42	2946	51	50	1
Prakasam	Mundlamuru	Singana Palem	4583	203	4786	51	49	2
Spsr Nellore	Kota	Illukurupadu	186	140	326	48	27	21
Spsr Nellore	Sullurpeta	Illupuru	420	5	425	49	48	1
Spsr Nellore	Gudur	Mekanur	715	81	796	50	45	5
Spsr Nellore	Kavali	Kavali Ward No 17	813	22	835	50	49	1
Spsr Nellore	Chejerla	Kotitheertham	903	99	1002	51	46	5
Spsr Nellore	Kondapuram	Gudavalluru (Kondapuram)	1215	16	1231	51	50	1
Spsr Nellore	Sangam	Duvvuru	1156	189	1345	51	44	7
Spsr Nellore	Nellore	Nellore (M) - Ward No.12	1445	101	1546	51	48	3
Spsr Nellore	Kaligiri	Kraketuru	1574	38	1612	51	50	1
Srikakulam	Vajrapukothuru	Peddabadam	7	223	230	47	1	46
Srikakulam	Rajam	Rajam (CT) - Ward No.2	94	196	290	48	16	32
Srikakulam	Vangara	Kinjangi	0	336	336	48	0	48
Srikakulam	Kaviti	Karapadu	153	307	460	49	16	33
Srikakulam	Jalumuru	Jalumuru	59	417	476	49	6	43
Srikakulam	Kanchili	Kesaripada	204	312	516	49	19	30
Srikakulam	Veeraghattam	Tettangi	38	522	560	50	3	47
Srikakulam	Kothuru	Althi	0	649	649	50	0	50

Srikakulam	Meliaputti	Padda	0	656	656	50	0	50
Srikakulam	Saravakota	Jarali	127	918	1045	51	6	45
Srikakulam	Kothuru	Addangi	214	909	1123	51	10	41
Srikakulam	Kotabommali	Lakkamiddi	38	1539	1577	51	1	50
Visakhapatnam	Munagapaka	Gantavanipalem	71	167	238	47	14	33
Visakhapatnam	Ananthagiri	Sada	79	171	250	47	15	32
Visakhapatnam	Peda Bayalu	Sarigaguda	136	159	295	48	22	26
Visakhapatnam	Ananthagiri	Rayipadu	0	303	303	48	0	48
Visakhapatnam	Peda Bayalu	Dosalabanda	0	390	390	49	0	49
Visakhapatnam	Kasinkota	Tegada	313	94	407	49	38	11
Visakhapatnam	Pendurthi	Valimeraka	392	111	503	49	38	11
Visakhapatnam	Atchutapuram	Dopperla	318	186	504	49	31	18
Visakhapatnam	Madugula	Gadirai	287	284	571	50	25	25
Visakhapatnam	Gudem Kotha Veedhi	Kondrupalle	2	588	590	50	0	50
Visakhapatnam	Yelamanchili	Yelamanchili M Ward no 5	481	154	635	50	38	12
Visakhapatnam	Cheedikada	Jaithavaram	544	124	668	50	41	9
Visakhapatnam	Gudem Kotha Veedhi	Jerrila	6	815	821	50	0	50
Visakhapatnam	Dumbriguda	Arama	0	834	834	50	0	50
Visakhapatnam	Munagapaka	Chuchikonda	235	686	921	50	13	37
Visakhapatnam	Padmanabham	Potnuru	67	981	1048	51	3	48
Visakhapatnam*	Sabbavaram	Amrutapuram	484	1016	1500	51	16	35
Visakhapatnam	Kasinkota	Kasinkota	1271	446	1717	51	38	13
Visakhapatnam	Narsipatnam	Vemulapudi	1860	432	2292	51	41	10
Visakhapatnam	Gudem Kotha Veedhi	Galikonda	34	2768	2802	51	1	50
Vizianagaram	Pusapatirega	Pusapatipalem	22	231	253	47	4	43
Vizianagaram	Garugubilli	Chilakam	21	367	388	49	3	46
Vizianagaram	Kurupam	Maripalle (Near) Rajjali	17	422	439	49	2	47
Vizianagaram	Mentada	Gurlatammaraju Peta	82	390	472	49	9	40
Vizianagaram	Jiyyamavalasa	Pedabuddidi	0	479	479	49	0	49
Vizianagaram	Jami	Mokhasa Kothavalasa	340	300	640	50	27	23
Vizianagaram	Pachipenta	Mathumuru	20	678	698	50	1	49
Vizianagaram	Bondapalle	Kanimeraka	106	633	739	50	7	43
Vizianagaram	Lakkavarapukota	Goljam	492	790	1282	51	20	31
Vizianagaram	Kurupam	Tittiri	456	833	1289	51	18	33
West Godavari	Nidamaru	Buvvanapalle	252	39	291	48	42	6
West Godavari	Lingapalem	Kalyanampadu	550	87	637	50	43	7
West Godavari	Eluru	Sreeparru	720	25	745	50	48	2
West Godavari	Bhimavaram	Tundurru	674	138	812	50	42	8
West Godavari	Pedapadu	Vasantawada-I	984	75	1059	51	47	4
West Godavari	Chintalapudi	Erraguntapalle	1476	253	1729	51	44	7
West Godavari	Bhimavaram	Losarigutlapadu	1656	528	2184	51	39	12
West Godavari	Lingapalem	Lingapalem	2118	189	2307	51	47	4
Y.S.R.	Jammalamadugu	Jammalamadugu (CT) - Ward No.10	226	15	241	47	44	3
Y.S.R.	Kamalapuram	Mirapuram	437	19	456	49	47	2
Y.S.R.	Sidhout	Sidhout	540	48	588	50	46	4
Y.S.R.	Peddamidium	N.Kottalapalle	659	3	662	50	50	0
Y.S.R.	Vallur	Peddaputha	878	36	914	50	48	2

Y.S.R.	Porumamilla	Challagirigella	1651	7	1658	51	51	0
Y.S.R.	Ramapuram	Gopagudipalle	613	1229	1842	51	17	34
Y.S.R.	Proddatur	Thallamapuram	1884	148	2032	51	47	4

* Researved villages to be used for sampling if any selected village in given district is not accessible, having logistic problem or any other issues

Abbreviations:

a :	District Name	f :	Cattle + Bullalo Population
b :	Block Name	g :	Number of units to Sample
c :	Village Name	h :	Buffalo Proportion
d :	Buffalo Population	i :	Cattle proportion
e :	Cattle Population		

FMD/SEROSUR/NIVEDI/Arunachal Pradesh3/2022**Stratified Random Sampling:**

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 10 + (Cattle + Buffalo) = 2854

Design Level Prevalence = 0.0792

Cluster Level Prevalence = 0.023

Sensitivity of the test used = 0.80

Total No of Villages (Clusters) Selected = 87

Total No of Animals to be Sampled = 1948 (+Restricted)

DISTRICT_NAME (a)	BLOCK_NAME (b)	VILLAGE_NAME (c)	Buffalo Population (d)	Cattle Population (e)	Cattle + Buffalo Population (f)	Number of units to sample (g)	Buffalo Proportion (h)	Cattle Proportion (i)
Anjaw	Kibithoo	Krowti	0	40	40	20	0	20
Anjaw	Walong	Tilam	0	123	123	24	0	24
Changlang	Nampong	Nampong Ply Namgoi (Namgoi -	0	25	25	18	0	18
Changlang	Nampong	Namgoi Village - I	0	44	44	21	0	21
Changlang	Manmao	Manmao Village	3	70	73	23	1	22
Changlang	Miao	Neirong	0	133	133	24	0	24
Changlang	Kharsang	New Yanman	0	141	141	24	0	24
Changlang	Bordumsa	Mohong Mura	0	166	166	24	0	24
Dibang Valley	Anini	Aropo	0	21	21	17	0	17
Dibang Valley	Changlang	Changlang (CT) - Ward No.I	0	23	23	17	0	17
East Kameng	Bameng	Rapung (Res)	0	14	14	14	0	14
East Kameng	Pakke-Kessang	Upper Bazarline Seg-III (Res)	0	18	18	16	0	16
East Kameng	Pakke-Kessang	Lower Bazarline Seg-II (Res)	0	26	26	18	0	18
East Kameng	Pizirang(Veo)	Chamte	0	46	46	21	0	21
East Kameng	Watte	Kamsha-II	0	66	66	22	0	22
East Kameng	Gyawe Purang	Meomey Sollung	0	69	69	23	0	23
East Kameng	Bameng	Rikhung	0	79	79	23	0	23
East Kameng	Chayangtajo	Chankiu Yangfo	0	82	82	23	0	23
East Kameng	Chayangtajo	Langruk Tajo	0	82	82	23	0	23
East Kameng	Chayangtajo	Domdila-II	0	140	140	24	0	24
East Siang	New Seren	Pam	0	319	319	25	0	25
East Siang	Namsing	Borguli	22	591	613	25	1	24
Kra Daadi	CHAMBANG	Puji Harak	0	25	25	18	0	18
Kra Daadi	TALI	Sartam-II	0	37	37	20	0	20
Kra Daadi	YANGTE	Niringha-III	0	43	43	21	0	21
Kra Daadi	TALI	Ruhi-III	0	51	51	21	0	21
Kra Daadi	PALIN	Langba	0	54	54	22	0	22
Kurung Kumey	NYAPIN	Langtcloth I-B	0	11	11	11	0	11
Kurung Kumey	Sangram	Pung Rung	0	12	12	12	0	12
Kurung Kumey	Sangram	Sangme	0	20	20	16	0	16
Kurung Kumey	PHASSANG	Niokilangi Middle Sango	0	22	22	17	0	17
Kurung Kumey	PHASSANG	Middle Pinchi	0	27	27	18	0	18
Kurung Kumey	Sangram	Ziro Point	0	41	41	21	0	21
Lohit	Tezu	Tezu Gam	0	177	177	24	0	24
Lohit	Lekang (Mahadevpur)	Krishnapur	0	219	219	25	0	25
Lohit	Lekang (Mahadevpur)	Padumoni	0	375	375	25	0	25

Lohit	Lekang (Mahadevpur)	Nongkhon	21	408	429	25	1	24
Lohit	Chongkham	Chowkham - I	0	435	435	25	0	25
Longding	Pangchao	Kamhwa Noksa	0	70	70	23	0	23
Lower Dibang Valley	Koronu	Bhismaknagar	0	94	94	23	0	23
Lower Dibang Valley	Roing	Mobang Ii	185	706	891	26	5	21
Lower Subansiri	PISTANA	Pecha	0	24	24	18	0	18
Lower Subansiri	NIITII	Hai-Hangu	0	26	26	18	0	18
Lower Subansiri	HARI	Miibitajung Uru	0	32	32	19	0	19
Lower Subansiri	YAZALI	Dodo	0	46	46	21	0	21
Lower Subansiri	NIITII	Mobiya	0	46	46	21	0	21
Lower Subansiri	HARI	Hage Dogging-III	0	48	48	21	0	21
Lower Subansiri	TAJANG	Pakerchi	0	52	52	22	0	22
Lower Subansiri	DIIBO	Tayu Uru	0	76	76	23	0	23
Lower Subansiri	YAZALI	Jitaan	0	79	79	23	0	23
Lower Subansiri	DIIBO	Tapu Uru	0	80	80	23	0	23
Lower Subansiri	YACHULI	Pomdum Tajgi	0	84	84	23	0	23
Lower Subansiri	Pistana	New Neelam	0	163	163	24	0	24
NAMSAI	NINGROO	WINGKO	0	921	921	26	0	26
Papum Pare	Sangdupota (Besar Nello)	Ragia	0	22	22	17	0	17
Papum Pare	SAGALEE1	Upper Karoi	0	26	26	18	0	18
Papum Pare	Naharlagun	Nirjuli-I	0	48	48	21	0	21
Papum Pare	MENGIO1	Pilla	0	56	56	22	0	22
Papum Pare	Taraso	Pota	0	68	68	22	0	22
Papum Pare	LOWER BALJAN1	Chessa Nyishi	0	90	90	23	0	23
Papum Pare	DOIMUKH1	Dengka	0	154	154	24	0	24
Papum Pare	LEPORIANG1	Rupung	0	204	204	25	0	25
SIANG	Riga	Parong	0	191	191	25	0	25
SIANG	Rebo-Perging	Komsing(Karo)	0	274	274	25	0	25
Tawang	Lumla	Dugumba	0	102	102	24	0	24
Tawang	Lumla	Khuminthang	0	162	162	24	0	24
Tawang	Ziro	Ziro (CT) - Ward No.1	0	1031	1031	26	0	26
Tirap	KHELA LAMSA	Wathin-I	0	30	30	19	0	19
Tirap	SOHA	Kenon Thalot-I	0	47	47	21	0	21
Upper Siang	Geku	Peram	0	133	133	24	0	24
Upper Siang	Mariyang	Millang Langdum Langko(Silang)	0	436	436	25	0	25
Upper Subansiri	Baririjo	Old Haji	0	20	20	16	0	16
Upper Subansiri	Taliha	Giri	0	28	28	19	0	19
Upper Subansiri	Limeking	Orak Ii	0	54	54	22	0	22
Upper Subansiri	Dumporijo	Gitebage	0	55	55	22	0	22
Upper Subansiri	Puchi Geko	Puchi Geku H.Q.	12	45	57	22	5	17
Upper Subansiri	Nacho	Ebya	0	92	92	23	0	23
Upper Subansiri	Baririjo	Tapi	0	114	114	24	0	24
Upper Subansiri	Taliha	Bokjingboktemara	0	124	124	24	0	24
West Kameng	Nafra	Nakhu	0	15	15	14	0	14
West Kameng	Dirang	Nginglok	0	27	27	18	0	18
West Kameng	Dirang	Mohan Camp	0	64	64	22	0	22
West Kameng	Dirang	Chander and Lariap Hargie	0	65	65	22	0	22

West Kameng	Jamiri	Kimi Village	0	91	91	23	0	23
West Kameng	Dirang	Sangti	0	533	533	25	0	25
West Siang	Monigong	Tasum	0	12	12	12	0	12
West Siang	Aalo	Kombo Papak	0	30	30	19	0	19
West Siang	Monigong	Korle	0	53	53	22	0	22
West Siang	Mechuka	Mechuka H.Q.	0	59	59	22	0	22
West Siang	Mechuka	Bomjipanga	0	69	69	23	0	23
West Siang	Aalo	Darka	0	331	331	25	0	25

Abbreviations:

a : District Name **f : Cattle + Bullalo Population**
b : Block Name **g : Number of units to Sample**
c : Village Name **h : Buffalo Proportion**
d : Buffalo Popukation **i : Cattle proportion**
e : Cattle Poulation

FMD/SEROSUR/NIVEDI/Assam4/2022**Stratified Random Sampling:**

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 100 + (Cattle + Buffalo) = 16511

Animal level Prevalence = 0.2122

Cluster Level Prevalence = 0.02122

Sensitivity of the test used = 0.90

Specificity Level Prevalence = 0.90

Total No of Villages (Clusters) Selected = 156 (+19 Reserved Villages)

Total No of Animals to be Sampled = 2028

DISTRICT_NAME (a)	BLOCK_NAME (b)	VILLAGE_NAME (c)	Buffalo Population (d)	Cattle Population (e)	Cattle + Buffalo Population (f)	Number of units to sample (g)	Buffalo Proportion (h)	Cattle Proportion (i)
BAKSA	Baksa	Sarukuchijar	0	787	787	12	0	12
BAKSA	Baksa	Muthiabari	0	793	793	12	0	12
Barpeta	Sarupeta (Pt)	Karagari Pathar	0	224	224	12	0	12
Barpeta	Sarupeta (Pt)	Kotho Bari	2	327	329	12	0	12
Barpeta	Howli	Howli (TC) - Ward No.3	0	548	548	12	0	12
Barpeta	Kalgachai	Golia	119	505	624	12	2	10
Barpeta *	Barnagar (Pt)	Tengagaon	0	790	790	12	0	12
Barpeta	Barpeta	Newlarvitha	0	921	921	12	0	12
Biswanath	Gohpur	DEONABARI	0	338	338	12	0	12
Biswanath	Gohpur	BARPHALONG	0	497	497	12	0	12
Biswanath	Biswanath	GERUABARI	2	510	512	12	0	12
Biswanath	Helem	BALI JAN MAJDUR	0	708	708	12	0	12
Biswanath*	Helem	BAKORIDOLONI	0	996	996	12	0	12
BONGAIGAON	Bongaigaon (Pt)	Chipansila pt II	0	415	415	12	0	12
BONGAIGAON	jangram	Nakapara(Nayapara)	0	618	618	12	0	12
BONGAIGAON	Sidli (pt)	Borchora	10	1489	1499	13	0	13
Cachar	Silchar	Masimpur Bagicha	6	134	140	12	1	11
Cachar	Silchar	Pela dahar	34	185	219	12	2	10
Cachar	Udharbond	Lathigram grant	44	325	369	12	1	11
Cachar	Sonai	Neairgram Pt-I	136	308	444	12	4	8
Cachar	Katigorah	Kunapara Grant	0	484	484	12	0	12
Cachar	Lakhipur	Telka TE	33	761	794	12	0	12
Cachar*	Udharbond	Lathigram	451	1172	1623	13	4	9
Cachar	Lakhipur	Lakhipur Grant	226	1417	1643	13	2	11
Chirang	Bijni	Bijni (TC) - Ward No.2	0	503	503	12	0	12
Chirang	Kokrajhar(Pt)	Basugaon Village	0	1263	1263	13	0	13
DARRANG	Sipajhar	Khalihoigaon	0	581	581	12	0	12
DARRANG	Dalgaon(Pt)	Khokjani	0	1358	1358	13	0	13
DHEMAJI	Dhemaji	No 1 Raichapori Dolopa	0	110	110	12	0	12
DHEMAJI	Sissiborgaon	Kapahtoli Lalung	0	154	154	12	0	12
DHEMAJI*	Dhemaji	Tanganapara	0	210	210	12	0	12
DHEMAJI	Dhemaji	Raiting NC No 1	0	246	246	12	0	12
DHEMAJI	Sissiborgaon	Sili Bhagawan	0	267	267	12	0	12
DHEMAJI	Jonai	Bhekeli Kardong Chuk	0	276	276	12	0	12
DHEMAJI	Dhemaji	Ranganadi Chapori	0	349	349	12	0	12
DHEMAJI	Suban Pt-I	Parghat Sumari NC	0	405	405	12	0	12

DHEMAJI	Dhemaji	Jamuguri Gohain Pam	34	462	496	12	1	11
DHEMAJI	Jonai	No 3 Sivaguri	618	0	618	12	12	0
DHEMAJI	Sissiborgaon	Bhangidia Gaon	193	1594	1787	13	1	12
DHEMAJI	Jonai	Chengajan Gowala	1720	2494	4214	13	5	8
DHUBRI	Chapar (Pt)	SIMLABRI Pt-IV	0	248	248	12	0	12
DHUBRI	Gauripur	GAURIPUR TC IV	0	434	434	12	0	12
DHUBRI	Dhubri	MADAIKHALI	43	644	687	12	1	11
DHUBRI*	Golokganj (Pt)	DOKHIN TOKRERCHARA	0	1160	1160	13	0	13
DHUBRI	Gosaigaon (Pt)	PALASHKANDI	6	1378	1384	13	0	13
Dibrugarh	Moran	Sensuwa Pukhuri Gaon	0	135	135	12	0	12
Dibrugarh	Tengakhat	Pabhajan No 1	0	198	198	12	0	12
Dibrugarh	Dibrugarh East	Alimur Gaon	0	261	261	12	0	12
Dibrugarh	Moran	Kachamari No 1	0	273	273	12	0	12
Dibrugarh	Moran	Bamunbari 50/162 Or Grant	0	330	330	12	0	12
Dibrugarh	Tingkhong	Bhalukaguri (Bhalukagari)	0	335	335	12	0	12
Dibrugarh*	Chabua	Niz-Rahmoria	40	396	436	12	1	11
Dibrugarh	Naharkatiya	Gatong	0	477	477	12	0	12
Dibrugarh	Tengakhat	Borbam No 1	2	581	583	12	0	12
Dibrugarh	Tingkhong	Garchinga (Gorginga)	0	610	610	12	0	12
Dima Hasao	Mahur	Lanku	59	82	141	12	5	7
Dima Hasao	Haflong	Samparidisa	215	0	215	12	12	0
Dima Hasao*	Maibong	Thoi Nagar	225	18	243	12	11	1
Dima Hasao	Haflong	Haflong (TC) - Ward No.13	0	500	500	12	0	12
Dima Hasao	Haflong	Prasadimdik	2299	0	2299	13	13	0
Goalpara	Dudhnoi	Lela	0	140	140	12	0	12
Goalpara	Matia	Barbhita	0	331	331	12	0	12
Goalpara	Balijana	Jokrapara	0	406	406	12	0	12
Goalpara	Matia	Gathiapara-	0	586	586	12	0	12
Goalpara*	Lakhipur	Mogho Pt-I	4	942	946	12	0	12
Goalpara	Matia	Bamuni panikhowa	0	1167	1167	13	0	13
Golaghat	Sarupathar	SONARIBIL-NO 2	0	146	146	12	0	12
Golaghat	Bokakhat	KUMARANIATI	9	396	405	12	0	12
Golaghat	Golaghat	NEGHERIBIL MICHING	40	503	543	12	1	11
Golaghat	Sarupathar	NO 2 KORI	0	688	688	12	0	12
Golaghat	Dergaon	BILOTIA KOIBOTRA	117	1064	1181	13	1	12
Golaghat*	Golaghat	FESUAL	0	1280	1280	13	0	13
Golaghat	Bokakhat	GELEKI MIKIR	0	1760	1760	13	0	13
Hailakandi	Lala	Bangangar Grant	17	594	611	12	0	12
Hailakandi	Lala	Vichingcha-I	122	639	761	12	2	10
Hojai	Lanka	Taisubali	6	520	526	12	0	12
Hojai	Hojai	Pub Kandulimari	20	1809	1829	13	0	13
Jorhat	Jorhat West	CHOUDUNG GAON NO 2	0	849	849	12	0	12
Jorhat	Jorhat East	BALICHAPORI GAON	72	1833	1905	13	0	13
Jorhat	Titabor	NO 1 BLOCK	0	2845	2845	13	0	13
Kamrup	Chamaria	29) No 1 Dakhin Rangapani N C	0	153	153	12	0	12
Kamrup	North Guwahati	North Guwahati (TC) - Ward No.1	0	377	377	12	0	12
Kamrup*	Chaygaon	6)Pachim Dhuli	0	433	433	12	0	12

Kamrup	N. Guwahati (PT)	Silagranti	0	466	466	12	0	12
Kamrup	Boko	1 Bahjani	0	588	588	12	0	12
Kamrup	Goroimari	30)Achal Para Baghmara	0	793	793	12	0	12
Kamrup	Palasbari	Jiakur	2	863	865	12	0	12
Kamrup	Boko	19) Dakuwapara	0	2091	2091	13	0	13
Kamrup (M)	Guwahati	Guwahati (M Corp.) - Ward No.18	0	507	507	12	0	12
Kamrup (M)	Chandrapur	Ghoramara Jan Pam	0	2286	2286	13	0	13
Karbi Anglong	Phuloni	Pachim Sum Pura	0	113	113	12	0	12
Karbi Anglong	Phuloni	Poisa Engti	0	116	116	12	0	12
Karbi Anglong	Diphu	Jidungpur Area (Hapjan)	40	123	163	12	3	9
Karbi Anglong*	Diphu	Mumbung Vill	0	171	171	12	0	12
Karbi Anglong	Diphu	Manja Bazar (Borjan Area)	0	171	171	12	0	12
Karbi Anglong	Diphu	Kathar Engti	0	192	192	12	0	12
Karbi Anglong	Phuloni	Puthijuri Khasia	0	200	200	12	0	12
Karbi Anglong	Silonijan	Nonke Gore	0	236	236	12	0	12
Karbi Anglong	Diphu	Mumchom Teron Gaon	0	244	244	12	0	12
Karbi Anglong	Phuloni	Kabir Dharam	0	269	269	12	0	12
Karbi Anglong	Phuloni	Nepali Ghat	0	310	310	12	0	12
Karbi Anglong	Phuloni	Sunarijan	0	312	312	12	0	12
Karbi Anglong	Diphu	Borlengri -II	1	311	312	12	0	12
Karbi Anglong	Diphu	Kara Gaon	0	416	416	12	0	12
Karbi Anglong	Phuloni	Engleng Gaon (Thipok Engleng)	0	438	438	12	0	12
Karbi Anglong	Phuloni	Palkha Mati	0	449	449	12	0	12
Karimganj	Patharkandi	Radhamadhabpur Kite Rashidp	15	93	108	12	2	10
Karimganj	Badarpur	Nayapthan-ii	0	165	165	12	0	12
Karimganj	Ramkrishnanagar	Paschim Sunai Kite Bazarghat	0	167	167	12	0	12
Karimganj*	Ramkrishnanagar	Tongibari	9	212	221	12	0	12
Karimganj	Ramkrishnanagar	Manik Nagar basti	49	250	299	12	2	10
Karimganj	Nilambazar	Tegharia Kite Tehurbeel	0	301	301	12	0	12
Karimganj	Karimganj	Bagarsangan	43	372	415	12	1	11
Karimganj	Ramkrishnanagar	Balicherra Grant	12	416	428	12	0	12
Karimganj	Nilambazar	Bakarshal Pt-iv	0	649	649	12	0	12
Karimganj	Patharkandi	PschimBubrighat	0	1016	1016	12	0	12
Kokrajhar	Dotoma	Moinartol	0	114	114	12	0	12
Kokrajhar	Bagribari (Pt)	Goraimari Pt-I	0	212	212	12	0	12
Kokrajhar	Bagribari (Pt)	Thekenjhora Pt-II	2	324	326	12	0	12
Kokrajhar	Gossaigaon (Pt)	Simladahi	18	317	335	12	1	11
Kokrajhar*	Dotoma	Dotoma Pt-II	0	512	512	12	0	12
Kokrajhar	Kokrajhar	Kalugaon	0	894	894	12	0	12
Lakhimpur	Kadam	Dhal Basti	0	102	102	12	0	12
Lakhimpur	Bihpuria	Sonapur Block	0	301	301	12	0	12
Lakhimpur	Kadam	Bhimpara Deori	0	581	581	12	0	12
Lakhimpur	Bihpuria	Karunabari No-1	0	619	619	12	0	12
Lakhimpur	Kadam	Hechamora	0	659	659	12	0	12
Lakhimpur	Suban	Kekuri Bebejia NC	0	755	755	12	0	12
Lakhimpur*	Bihpuria	Sonapur NO 1	0	818	818	12	0	12
Lakhimpur	Suban	Lamuchuk Sariyani	51	1285	1336	13	0	13

Majuli	Majuli	Kuhiarbari	0	733	733	12	0	12
Majuli	Majuli	Totaya Gaon	82	1476	1558	13	1	12
Morigaon	Mikirbheta	Borbhugia	0	708	708	12	0	12
Morigaon	Laharighat	Sahariagaon	0	1647	1647	13	0	13
Morigaon	Laharighat	Moirabarigaon	4	2340	2344	13	0	13
Nagaon	Kampur	Kuhimari No 1	2	125	127	12	0	12
Nagaon	Kampur	Kapili Kan	0	321	321	12	0	12
Nagaon	Raha	Mulankata	14	483	497	12	0	12
Nagaon*	Samaguri	Singia Bebejia	0	604	604	12	0	12
Nagaon	Rupohi	Furhani Ati	12	1250	1262	13	0	13
Nagaon	Samaguri	Sonaribali	0	2618	2618	13	0	13
Nalbari	Ghograpar(Pt)	1 Amara	0	396	396	12	0	12
Nalbari	Tihu (Pt)	1 Barnagar Banekuchi	0	908	908	12	0	12
Nalbari	Tihu (Pt)	2 Khudra Makhibaha	54	1618	1672	13	0	13
Sibsagar	Amguri	Sunuwal	0	675	675	12	0	12
Sibsagar	Amguri	Demow Pathar	0	773	773	12	0	12
Sibsagar	Sibsagar	Jan Miri Bor Gaon	14	900	914	12	0	12
Sonitpur	Chariduar	Kekokali Bangali	0	166	166	12	0	12
Sonitpur*	Na-Duar	Ghahibaz	0	245	245	12	0	12
Sonitpur	Chariduar	Monijarani	0	480	480	12	0	12
Sonitpur	Dhekiajuli	Dhekiajuli (MB) - Ward No.1	0	480	480	12	0	12
Sonitpur	Chariduar	Phulguri Garugaon	0	798	798	12	0	12
Sonitpur	Dhekiajuli (Pt)	No.1 Nurpur Jut	0	831	831	12	0	12
Sonitpur	Dhekiajuli (Pt)	No.3 Chapai Bagan	0	878	878	12	0	12
Soraideu	Mahmora	Ushabam FV	0	398	398	12	0	12
Soraideu	Sonari	2 No Kathiakhuna gaon	27	524	551	12	1	11
South Salmara	South Salmara	Katdanga Satdubi Pt I	7	557	564	12	0	12
South Salmara	South Salmara	Niz Monirchar	76	3209	3285	13	0	13
Tinsukia	Tinsukia	Pabhajan T E 220/218	4	132	136	12	0	12
Tinsukia	Margherita	Bishnupur N C No 1	0	203	203	12	0	12
Tinsukia	Tinsukia	Mohkhuli Gaon	0	342	342	12	0	12
Tinsukia*	Tinsukia	Limbuguri T E 225/227 Nlr Gt	0	366	366	12	0	12
Tinsukia	Margherita	Tekeri Block No 2	1	396	397	12	0	12
Tinsukia	Margherita	Lalpathar Gaon	0	510	510	12	0	12
Tinsukia	Doom Dooma	No 1 Dhola Bagan (No 1 Dhola Te	0	755	755	12	0	12
Tinsukia	Doom Dooma	Tezi Gaon No-3	0	825	825	12	0	12
Tinsukia	Sadiya	Buraburi Deori	0	1929	1929	13	0	13
Udalguri	Mazbat	No5 BetiliTE	0	230	230	12	0	12
Udalguri *	Mazbat	PathakpurNo1	0	382	382	12	0	12
Udalguri	Harisingha	Kheriajhar	0	411	411	12	0	12
Udalguri	Udalguri	Dhansirikhuti no 4	0	715	715	12	0	12
Udalguri	Udalguri	No1 Dhansiribagan	0	739	739	12	0	12
West Karbi Anglong	Donka	Englong Parpan	0	386	386	12	0	12
West Karbi Anglong	Donka	Sat Song R F	0	880	880	12	0	12
West Karbi Anglong*	Donka	Mugasong Gaon	0	1150	1150	12	0	12

* Researved villages to be used for sampling if any selected vottage in given district is not accessible, having logistic problem or any other issues

Abbreviations:

a :	District Name	f :	Cattle + Bullalo Population
b :	Block Name	g :	Number of units to Sample
c :	Village Name	h :	Buffalo Proportion
d :	Buffalo Population	i :	Cattle proportion
e :	Cattle Population		

FMD/SEROSUR/NIVEDI/Bihar5/2022**Stratified Random Sampling:**

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 200 + (Cattle + Buffalo) = 14515

Design Level Prevalence = 0.18

Cluster Level Prevalence = 0.018

Sensitivity of the test used = 0.90

Total No of Villages (Clusters) Selected = 184 (+9 Reserved Villages)

Total No of Animals to be Sampled = 2760

DISTRICT_NAME (a)	BLOCK_NAME (b)	VILLAGE_NAME (c)	Buffalo Population (d)	Cattle Population (e)	Cattle + Buffalo Population (f)	Number of units to sample (g)	Buffalo Proportion (h)	Cattle Proportion (i)
Araria	Forbesganj	Phena	576	1638	2214	15	4	11
Araria	Palasi	Kujri	327	2521	2848	15	2	13
Arwal	Arwal	Hasanpur Pipra	470	229	699	15	10	5
Arwal	Karpi	Kinjar	2025	991	3016	15	10	5
Aurangabad	Deo	Sarganwan	33	219	252	14	2	12
Aurangabad*	Goh	Kaithisiro	79	258	337	14	3	11
Aurangabad	Kutumba	Parta	67	320	387	14	2	12
Aurangabad	Madanpur	Jamugain	41	352	393	14	1	13
Aurangabad	Daudnagar	Uchkundhi	390	289	679	15	9	6
Aurangabad	Goh	Dowal	301	571	872	15	5	10
Aurangabad	Barun	Kathaha	362	602	964	15	6	9
Banka	Banka	Desaria	49	248	297	14	2	12
Banka	Bausi	Rampur Pabra	66	382	448	15	2	13
Banka	Chanan	Tola Baghaila	8	579	587	15	0	15
Banka	Dhuraiya	Baniachak	93	524	617	15	2	13
Banka	Amarpur	Kol Khurd	298	510	808	15	6	9
Banka*	Amarpur	Ramchandarpur Itahri	204	631	835	15	4	11
Banka	Chanan	Tola Kusumghat	2	1265	1267	15	0	15
Banka	Chanan	Tola Suia	0	1939	1939	15	0	15
Banka	Barahat	Kharahara	23	6482	6505	15	0	15
Begusarai	Cheria Bariarpur	Korjana	84	766	850	15	1	14
Begusarai	Begusarai	Pansala	9	2744	2753	15	0	15
Bhagalpur	Shahkund	Dewakharkita	254	240	494	15	8	7
Bhagalpur	Sonhaua	Budhuchak	731	260	991	15	11	4
Bhagalpur	Pirpanti	Jairam Bandhu	611	458	1069	15	9	6
Bhagalpur	Kahalgaoon	Sadanandpur Baisa	34	1726	1760	15	0	15
Bhagalpur	Nathnagar	Gosaindasapur	1133	894	2027	15	8	7
Bhojpur	Behea	Banahin	159	222	381	14	6	8
Bhojpur	Behea	Maujhali	166	351	517	15	5	10
Bhojpur	Udwant Nagar	Bajruha	401	212	613	15	10	5
Bhojpur	Agiaon	Lasarhi	427	299	726	15	9	6
Bhojpur	Barhara	Sinha	1920	873	2793	15	10	5
Buxar	Barhampur	Baruhan	426	252	678	15	9	6
Buxar	Barhampur	Nimej	362	971	1333	15	4	11
Buxar	Itarhi	Basudhar	737	1009	1746	15	6	9
Darbhanga	Gora Bauram	Nadai	77	482	559	15	2	13
Darbhanga	Singhwara	Bharathi	460	547	1007	15	7	8
Darbhanga	Baheri	Samadhpura	376	652	1028	15	5	10
Darbhanga	Jale	Katraul	979	533	1512	15	10	5

Darbhanga	Kusheshwar Asthan	Dinmo	753	1859	2612	15	4	11
Gaya	Dobhi	Nakateya	59	176	235	14	4	10
Gaya	Paraiya	Neuria	89	264	353	14	4	10
Gaya	Gurua	Bilauti	143	248	391	14	5	9
Gaya	Konch	Mok	169	394	563	15	5	10
Gaya	Belaganj	Panari	363	210	573	15	10	5
Gaya*	Neem Chak Bathani	Singha	226	428	654	15	5	10
Gaya	Muhra	Jithian	244	591	835	15	4	11
Gaya	Dobhi	Makhraur	0	883	883	15	0	15
Gaya	Mohanpur	Choraya	209	1003	1212	15	3	12
Gaya	Bodh Gaya	Intara	339	936	1275	15	4	11
Gopalganj	Kuchaikote	Karmaini Ghazi	32	200	232	14	2	12
Gopalganj	Gopalganj	Amwa Nakchhed	44	251	295	14	2	12
Gopalganj	Kuchaikote	Sasamusa	61	281	342	14	2	12
Gopalganj	Pach Deuri	Kusa Khurd	124	317	441	15	4	11
Gopalganj	Kuchaikote	Tola Sipahiya	254	386	640	15	6	9
Gopalganj	Baikunthpur	Mangru Chhapra	280	381	661	15	6	9
Gopalganj	Baikunthpur	Gorauli	171	585	756	15	3	12
Jamui	Sono	Tola Kaunia	8	223	231	14	0	14
Jamui*	Jamui	Jamui (M) - Ward No.6	132	256	388	14	5	9
Jamui	JAMUI	Jamui (M) - Ward No.19	13	535	548	15	0	15
Jamui	Chakai	Tola Karharitanr	0	548	548	15	0	15
Jamui	Chakai	Tola Kailidih	143	559	702	15	3	12
Jamui	Sono	Tola Lakaraha	0	1100	1100	15	0	15
Jamui	Barhat	Malepur	53	1281	1334	15	1	14
Jamui	Sono	Tola Belamba	0	2510	2510	15	0	15
Jehanabad	Makhdumpur	Kankaria	442	198	640	15	10	5
Jehanabad	Modanganj	Pariawan	302	476	778	15	6	9
Kaimur (Bhabua)	Ramgarh	Ashaideh	99	140	239	14	6	8
Kaimur (Bhabua)	Durgawati	Kanhpur	223	89	312	14	10	4
Kaimur (Bhabua)	Mohniya	Mohniya - Ward No.7	87	417	504	15	3	12
Kaimur (Bhabua)	Kudra	Derwan	217	329	546	15	6	9
Kaimur (Bhabua)	Chand	Lohdan	429	323	752	15	9	6
Kaimur (Bhabua)	Adhaura	Sikari	385	477	862	15	7	8
Katihar	Barsoi	Nidhaur	0	231	231	14	0	14
Katihar	Sameli	Chaudhri Chakla	96	360	456	15	3	12
Katihar	Barsoi	Jalkhundar	4	515	519	15	0	15
Katihar	Katihar	Bathaili	6	775	781	15	0	15
Katihar	Barari	Dighra Badh	170	834	1004	15	3	12
Katihar	Dandkhora	Doasi	139	1882	2021	15	1	14
Khagaria	Gogri	Pitaunijhia	289	1312	1601	15	3	12
Khagaria	Alauli	Ananpur Maran	429	1828	2257	15	3	12
Kishanganj	Terhagachh	Suhia	34	390	424	15	1	14
Kishanganj	Kochadhamin	Mosangaon	127	518	645	15	3	12
Kishanganj	Terhagachh	Kharrakasht	3	937	940	15	0	15
Kishanganj*	Bahadurganj	Samesar	71	2339	2410	15	0	15
Kishanganj	Thakurganj	Bhog Dabar	16	2438	2454	15	0	15

Lakhisarai	Chanan*	Chauraman Bigha	170	379	549	15	5	10
Lakhisarai	Lakhisarai	Pachauta	810	277	1087	15	11	4
Madhepura	Ghailarh	Bhawantikthi	490	1684	2174	15	3	12
Madhepura	Gwalpara	Sarauni Kalan	751	2251	3002	15	4	11
Madhubani	Jhanjharpur	Godhanpur	37	679	716	15	1	14
Madhubani	Kaluahi	Pursaulia	606	336	942	15	10	5
Madhubani	Rajnagar	Raghubirchak	368	763	1131	15	5	10
Madhubani	Phulparas	Gohuma Bairia	1635	2845	4480	15	5	10
Madhubani	Andhratharhi	Andhra Tharhi	2122	3704	5826	15	5	10
Munger	Asarganj	Mamai	94	518	612	15	2	13
Munger	Munger	Tarapur Diara	243	615	858	15	4	11
Muzaffarpur	Aurai	Pitaunjhia Jagarnath	144	78	222	14	9	5
Muzaffarpur	Minapur	Methunapur	113	250	363	14	4	10
Muzaffarpur	Katra	Ajitpur Bakuchi	200	186	386	14	7	7
Muzaffarpur	Kanti	Maisahan	17	451	468	15	1	14
Muzaffarpur	Saraiya	Narangi Jagdish	252	451	703	15	5	10
Muzaffarpur*	Kurhani	Pakahi Urf Asadpur Pakauli	455	260	715	15	10	5
Muzaffarpur	Bandra	Chhapra Gobindpur	436	388	824	15	8	7
Muzaffarpur	Kurhani	Kharauna Dih	227	643	870	15	4	11
Muzaffarpur	Kurhani	Gauraia	287	682	969	15	4	11
Muzaffarpur	Bochaha	Bhutan	584	2139	2723	15	3	12
Nalanda	Bind	Mahmudabad	240	118	358	14	9	5
Nalanda	Islampur	Biswak	353	177	530	15	10	5
Nalanda	Biharsharif	Bihar (M) - Ward No.42	168	370	538	15	5	10
Nalanda	Noorsarai	Nadiauna	439	440	879	15	7	8
Nalanda	Silao	Karianna	685	1289	1974	15	5	10
Nawada	Narhat	Jhikarua	128	339	467	15	4	11
Nawada	Akbarpur	Gobind Bigaha	155	519	674	15	3	12
Nawada*	Gobindpur	Kulja	239	451	690	15	5	10
Nawada	Meskaur	Saraye	91	1241	1332	15	1	14
Nawada	Sirdala	Chaukia	721	4042	4763	15	2	13
Pashchim Champaran	Bagaha	Mehdi	126	130	256	14	7	7
Pashchim Champaran	Majhaulia	Basara	83	266	349	14	3	11
Pashchim Champaran	Bairia	Siswa Sarea	285	180	465	15	9	6
Pashchim Champaran	Madhubani	Nainaha	157	321	478	15	5	10
Pashchim Champaran	Bairia	Baijua	644	461	1105	15	9	6
Pashchim Champaran	Majhaulia	Katahia	414	1070	1484	15	4	11
Patna	Athmalgola	Jamalpur Barhia	94	139	233	14	6	8
Patna	Paliganj	Nadhari	189	131	320	14	8	6
Patna	Masaurhi	Anauli	330	224	554	15	9	6
Patna	Patna	Patna (M Corp.) - Ward No.25	0	558	558	15	0	15
Patna	Mokameh	Mokameh (M) - Ward No.5	143	668	811	15	3	12
Patna*	Patna	Patna (M Corp.) - Ward No.59	160	771	931	15	3	12
Patna	Bakhtiarpur	Chak Chhitu	390	554	944	15	6	9
Patna	Bikram	Bikram (NA) - Ward No.02	475	559	1034	15	7	8
Purbi Champaran	Madhuban	Madhuban (NA) - Ward No.8	118	92	210	14	8	6
Purbi Champaran	Dhaka	Kusmahwa	114	198	312	14	5	9

Purbi Champaran	Raxaul	Purandra	391	96	487	15	12	3
Purbi Champaran	Madhuban	Koilhara	317	208	525	15	9	6
Purbi Champaran	Dhaka	Dostiya	596	327	923	15	10	5
Purbi Champaran	Adapur	Lachhimipur Pokhariya	967	488	1455	15	10	5
Purbi Champaran	Phenhara	Rupaulia Khani	1500	1238	2738	15	8	7
Purnia	Dagarua	Gogar	0	276	276	14	0	14
Purnia	Amour	Routi	10	568	578	15	0	15
Purnia	Rupauli	Bhawanipur Patkaili	337	756	1093	15	5	10
Purnia	Barhara	Bhanga Tola	284	1013	1297	15	3	12
Purnia	Jalalgarh	Nijgehuma	67	4126	4193	15	0	15
Purnia	Dhamdaha	Rajghat Grarail	4011	3861	7872	15	8	7
Rohtas	Chenari	Bansil	77	148	225	14	5	9
Rohtas	Sasaram	Sasaram (M) - Ward No.4	36	321	357	14	1	13
Rohtas	Dinara	Basedeo Dehri	372	96	468	15	12	3
Rohtas	Rajpur	Baranw	283	218	501	15	8	7
Rohtas	Kargahar	Chandarbhanpur	234	299	533	15	7	8
Rohtas	Nauhatta	Daranagar	402	484	886	15	7	8
Rohtas	Kochas	Andaur	447	577	1024	15	7	8
Rohtas	Dinara	Surtaipur	598	575	1173	15	8	7
Saharsa	Saur Bazar	Rauta Khem	395	642	1037	15	6	9
Saharsa	Patarghat	Bhaddi	342	1548	1890	15	3	12
Samastipur	Ujiarpur	Rampureksila	38	213	251	14	2	12
Samastipur	Shivaji Nagar	Ramaul	109	407	516	15	3	12
Samastipur	Pusa	Kubauli Ram	184	498	682	15	4	11
Samastipur	Hasanpur	Pardah	146	637	783	15	3	12
Samastipur	Ujiarpur	Pataili	203	1014	1217	15	3	12
Samastipur	Mohanpur	Bishunpur Beri	647	917	1564	15	6	9
Saran	Dighwara	Dighwara (NA) - Ward No.16	87	187	274	14	4	10
Saran	Nagra	Kakarhia	95	280	375	14	4	10
Saran	Garkha	Muqimpur	138	285	423	15	5	10
Saran	Amnour	Amnaur Sultan	152	284	436	15	5	10
Saran	Baniapur	Chhatwan Kalan	227	424	651	15	5	10
Saran	Dariapur	Hewantpur	630	173	803	15	12	3
Saran	Panapur	Satjora	503	655	1158	15	7	8
Sheikhpura	Sheikhpura	Matokhar	266	180	446	15	9	6
Sheikhpura	Ghat Kusumbha	Mapho	460	662	1122	15	6	9
Sheohar	Tariani Chowk	Lohsurka Urf Hamidpur	209	341	550	15	6	9
Sheohar	Tariani Chowk	Soghra Adalpur Kundol	481	291	772	15	9	6
Sitamarhi	Majorganj	Madhopur Malinia	305	188	493	15	9	6
Sitamarhi	Nanpur	Bahera Zahid	467	141	608	15	12	3
Sitamarhi	Parihar	Godari	661	307	968	15	10	5
Sitamarhi*	Charaut	Damodarpatti Urf Semri	1045	493	1538	15	10	5
Sitamarhi	Belsand	Madh Kaul	1821	1332	3153	15	9	6
Siwan	Hasanpura	Mandrauli	32	243	275	14	2	12
Siwan	Ziradei	Nandpali	78	294	372	14	3	11
Siwan	Hussainganj	Hathaura	214	247	461	15	7	8
Siwan	Darauli	Netwar	116	372	488	15	4	11

Siwan	Goriakothi	Sathwar	296	695	991	15	4	11
Siwan	Pachrukhi	Papaur	481	1002	1483	15	5	10
Supaul	Marauna	Gonaura	534	809	1343	15	6	9
Supaul	Raghopur	Simrahi	607	11737	12344	15	1	14
Vaishali	Bidupur	Panapur Sukhanand	140	126	266	14	7	7
Vaishali	Chehra Kalan	Asadpur Malbhara	149	149	298	14	7	7
Vaishali	Bidupur	Sadhullahpur Dhobauli	64	342	406	14	2	12
Vaishali	Raja Pakar	Bariarpur Buzurg	137	291	428	15	5	10
Vaishali	Mahua	Madhopur Supaul Teria	219	318	537	15	6	9
Vaishali	Desri	Chak Bhikhari Urf Bhikhanpura	290	419	709	15	6	9
Vaishali	Desri	Rasulpur Habib	170	617	787	15	3	12
Vaishali	Patepur	Afazlpur Puraina	444	408	852	15	8	7
Vaishali	Sahdai Buzurg	Marauatpur	801	1037	1838	15	7	8

* Researved villages to be used for sampling if any selected village in given district is not accessible, having logistic problem or any other issues

Abbreviations:

a :	District Name	f :	Cattle + Bullalo Population
b :	Block Name	g :	Number of units to Sample
c :	Village Name	h :	Buffalo Proportion
d :	Buffalo Population	i :	Cattle proportion
e :	Cattle Population		

FMD/SEROSUR/NIVEDI/Chandigarh6/2022**Stratified Random Sampling:**

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 1 + (Cattle + Buffalo) = 26

Design Level Prevalence = 0.18

Cluster Level Prevalence = 0.09

Sensitivity of the test used = 0.90

Total No of Villages (Clusters) Selected = 11

Total No of Animals to be Sampled = 158 (Restricted)

DISTRICT_NAME	BLOCK_NAME	VILLAGE_NAME	Buffalo Population	Cattle Population	Cattle + Buffalo Population	Number of units to sample	Buffalo Proportion	Cattle Proportion
Chandigarh	Chandigarh	Chandigarh (M Corp.) - Ward No.19	3	19	22	11	2	10
Chandigarh	Chandigarh	Chandigarh (M Corp.) - Ward No.11	216	115	331	14	9	5
Chandigarh	Chandigarh	Mauli Jagran (Ct)	201	194	395	14	7	7
Chandigarh	Chandigarh	Chandigarh (M Corp.) - Ward No.26	123	297	420	14	4	10
Chandigarh	Chandigarh	Chandigarh (M Corp.) - Ward No.25	294	178	472	15	9	6
Chandigarh	Chandigarh	Raipur Kalan & Makhan Majra	358	191	549	15	10	5
Chandigarh	Chandigarh	Chandigarh (M Corp.) - Ward No.12	219	390	609	15	5	10
Chandigarh	Chandigarh	Khuda Alisher (Ct)	434	306	740	15	9	6
Chandigarh	Chandigarh	Lahora (Og)	651	149	800	15	12	3
Chandigarh	Chandigarh	Chandigarh (M Corp.) - Ward No.6	605	413	1018	15	9	6
Chandigarh	Chandigarh	Chandigarh (M Corp.) - Ward No.5	456	713	1169	15	6	9

FMD/SEROSUR/NIVEDI/Chhattisgarh7/2022**Stratified Random Sampling:**

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 100 + (Cattle + Buffalo) = 11444

Animal level Prevalence = 0.1499 (Based on 1st phase data)

Cluster Level Prevalence = 0.01499

Sensitivity of the test used = 0.90

Total No of Villages (Clusters) Selected = 221(+28 Reserved Villages)

Total No of Animals to be Sampled = 3978

DISTRICT_NAME (a)	BLOCK_NAME (b)	VILLAGE_NAME (c)	Buffalo Population (d)	Cattle Population (e)	Cattle + Buffalo Population (f)	Number of units to sample (g)	Buffalo Proportion (h)	Cattle Proportion (i)
Balod	Gunderdehi	Tilkhairi (Gorekapar)	51	356	407	17	2	15
Balod	Gunderdehi	Chirchar	52	573	625	17	1	16
Balod	Dondi	Pusawad	21	618	639	17	1	16
Balod	Dondi Luhara	Korguda	45	623	668	17	1	16
Balod	Dondi	Thema Buzurg	35	738	773	17	1	16
Balod	Dondi Luhara	Bhendi	40	735	775	17	1	16
Balod *	Balod	Latabor	84	846	930	17	2	15
Baloda Bazar	Baloda Bazar	Magarway	43	192	235	17	3	14
Baloda Bazar	Bilaigarh	Tendu Darha	27	413	440	17	1	16
Baloda Bazar	Bilaigarh	Odakakan	26	559	585	17	1	16
Baloda Bazar	Singa	Hathband	110	475	585	17	3	14
Baloda Bazar	Bhatapara	Kaithi	70	584	654	17	2	15
Baloda Bazar *	Palari	Lachchanpur	74	929	1003	17	1	16
Baloda Bazar	Singa	Kukrachunda	236	907	1143	17	4	13
Baloda Bazar	Baloda Bazar	Koyda	98	1173	1271	17	1	16
Baloda Bazar	Baloda Bazar	Khainda	113	1961	2074	18	1	17
Balrampur	Kusmi	Ward Number 4	45	140	185	17	4	13
Balrampur	Balrampur	Daura	35	608	643	17	1	16
Balrampur	Rajpur	Dignagar	61	675	736	17	1	16
Balrampur	Wadrafnagar	Duwari	84	714	798	17	2	15
Balrampur	Samri(Kusmi)	Dumarkholi	20	935	955	17	0	17
Balrampur	Wadrafnagar	Mithilapur	58	1166	1224	17	1	16
Balrampur *	Shankargarh	Jokapath	280	945	1225	17	4	13
Balrampur	Samri(Kusmi)	Sirkot	71	1282	1353	17	1	16
Balrampur	Wadrafnagar	Balangi	164	2483	2647	18	1	17
Bastar	Jagdulpur	Kalaguda	0	226	226	17	0	17
Bastar	Bakavand	Badlawand	43	284	327	17	2	15
Bastar	Jagdulpur	Tiriya	2	406	408	17	0	17
Bastar	Bastar	Nadisagar	202	208	410	17	8	9
Bastar	Jagdulpur	Biranpal	116	388	504	17	4	13
Bastar *	Bakavand	Garenga	111	688	799	17	2	15
Bastar	Lohandiguda	Baghanpal	428	641	1069	17	7	10
Bastar	Bastar	Bhainsgaon	221	1019	1240	17	3	14
Bastar	Bastar	Salemeta	33	1216	1249	17	0	17
Bemetara	NAWAGARH	Lingeswar Ward	12	116	128	17	2	15
Bemetara	Berla	Manglor	60	352	412	17	2	15
Bemetara *	Nawagarh	Harmudi	28	561	589	17	1	16

Bemetara	Saja	Gaduwa	83	527	610	17	2	15
Bemetara	Saja	Hathidob	125	727	852	17	2	15
Bemetara	Thanakhamria	Khati	25	1167	1192	17	0	17
Bijapur	Bhopalpattnam	Sitanagaram(Jajalguda)	0	213	213	17	0	17
Bijapur	Usur	Bhusapur(Bhusaguda)	0	244	244	17	0	17
Bijapur	Bhopalpattnam	Bareguda	0	458	458	17	0	17
Bijapur *	Bhopalpattnam	Kongupalli	16	467	483	17	1	16
Bijapur	Bhairamgarh	Katouli	56	480	536	17	2	15
Bijapur	Bhairamgarh	Chihka	0	741	741	17	0	17
Bijapur	Bhairamgarh	Karemarka	14	731	745	17	0	17
Bijapur	Usur	Murdanda	32	1029	1061	17	1	16
Bijapur	Bhairamgarh	Dhusaad	0	1512	1512	17	0	17
Bilaspur	Kota	Sirsaha	32	209	241	17	2	15
Bilaspur *	Takhatpur	Butena	40	363	403	17	2	15
Bilaspur	Bilha	Udantal	101	344	445	17	4	13
Bilaspur	Bilha	Ameri Akbari	62	478	540	17	2	15
Bilaspur	Takhatpur	Marhi Kapa	144	441	585	17	4	13
Bilaspur	Marwahi	Parasi	107	628	735	17	2	15
Bilaspur	Ratanpur	Ratanpur (NP) - Ward No.1	31	799	830	17	1	16
Bilaspur	Takhatpur	Daija	118	717	835	17	2	15
Bilaspur	Kota	Kusmuli	351	579	930	17	6	11
Bilaspur	Masturi	Nirtu	217	765	982	17	4	13
Bilaspur	Marwahi	Salhekota	234	795	1029	17	4	13
Bilaspur	Kota	Jarga	511	793	1304	17	7	10
Dantewada *	Gidam	Jhodiyaadam	0	640	640	17	0	17
Dantewada	Dantewada	Chandenar	58	1082	1140	17	1	16
Dantewada	Gidam	Badepaneda	102	2091	2193	18	1	17
Dhamtari *	Dhamtari	Pahariyakonha	0	121	121	17	0	17
Dhamtari	Nagri	Madamsilli	2	219	221	17	0	17
Dhamtari	Magarlod	Louder	46	296	342	17	2	15
Dhamtari	Nagri	Karhi (Masulkhai)	16	370	386	17	1	16
Dhamtari	Dhamtari	Mongra Gahan	8	460	468	17	0	17
Dhamtari	Nagri	Pandripani Mal	114	515	629	17	3	14
Dhamtari	Magarlod	Kapalphodi	100	629	729	17	2	15
Dhamtari	Nagri	Umergaon	138	1310	1448	17	2	15
Durg	Patan	Rawagahan	43	220	263	17	3	14
Durg	Kumhari	Ganesh Chowk Ward	122	266	388	17	5	12
Durg	Bhilai Charoda	Jarvay Ward	9	691	700	17	0	17
Durg	Durg	Rasmada	153	623	776	17	3	14
Durg *	Bhilai Charoda	Padumnagar Pashchim Ward	316	545	861	17	6	11
Durg	Durg	Arasnara	199	676	875	17	4	13
Durg	Durg	Pulgaon	206	697	903	17	4	13
Gariyaband	Fingeswar	Mauli Mata Ward Tp	9	205	214	17	1	16
Gariyaband	Bindranavagarh(Gariyaband)	Mardakalan	17	204	221	17	1	16
Gariyaband	Mainpur	Bhutbeda	0	445	445	17	0	17
Gariyaband *	Mainpur	Dhodara	25	450	475	17	1	16
Gariyaband	Mainpur	Khajurpadar	36	469	505	17	1	16

Gariyaband	Rajim	Rajkatti	111	469	580	17	3	14
Gariyaband	Mainpur	Ghumrapadar	9	609	618	17	0	17
Gariyaband	Mainpur	Sagda	23	833	856	17	0	17
Janjgir-Champa	RAHOUD	Mahka Para Ward	0	214	214	17	0	17
Janjgir-Champa	Baloda	Jhapeli	64	282	346	17	3	14
Janjgir-Champa	Pamgarh	Mudpar(Bajrang)	19	515	534	17	1	16
Janjgir-Champa	Jaijaipur	Chhita Pandariya	31	541	572	17	1	16
Janjgir-Champa	Jaijaipur	Hardidhih	38	557	595	17	1	16
Janjgir-Champa	Nawagarh	Chaura Bhata	36	881	917	17	1	16
Janjgir-Champa *	Champa	Darang	18	910	928	17	0	17
Janjgir-Champa	Pamgarh	Khokhari	24	1058	1082	17	0	17
Janjgir-Champa	Jaijaipur	Gunjiyabod	13	1072	1085	17	0	17
Jashpur	Duldula	Patiyapani	0	181	181	17	0	17
Jashpur	Jashpur	Kuding Mahuwatoli	4	326	330	17	0	17
Jashpur	Pathalgaon	Shekharpur	4	442	446	17	0	17
Jashpur	Manora	Benjora	0	465	465	17	0	17
Jashpur	Jashpur	Jiling	28	472	500	17	1	16
Jashpur *	Manora	Dhengani	4	496	500	17	0	17
Jashpur	Kansabel	Pongro	10	762	772	17	0	17
Jashpur	Kunkuri	Kurkunga	8	780	788	17	0	17
Jashpur	Pathalgaon	Kudkelkhajari	32	869	901	17	1	16
Jashpur	Bagicha	Kurkuriya	1156	1570	2726	18	8	10
Kabirdham (Kawardha)	Bodla	Motinpur	58	122	180	17	5	12
Kabirdham (Kawardha)	Sahaspur Lohara	Hirapur Mohitara	15	299	314	17	1	16
Kabirdham (Kawardha)	Sahaspur Lohara	Nunchhapar	10	328	338	17	1	16
Kabirdham (Kawardha) *	Kawardha	Vindhyavasini Ward	8	353	361	17	0	17
Kabirdham (Kawardha)	Bodla	Durajanpur	17	404	421	17	1	16
Kabirdham (Kawardha)	Bodla	Titari	41	434	475	17	1	16
Kabirdham (Kawardha)	Kawardha	Bitkuli Kalan	70	542	612	17	2	15
Kabirdham (Kawardha)	Sahaspur Lohara	Chirbandha	41	599	640	17	1	16
Kabirdham (Kawardha)	Sahaspur Lohara	Dharmgarh	25	763	788	17	1	16
Kabirdham (Kawardha)	Bodla	Roal	130	710	840	17	3	14
Kanker	Durgkondal	Dodade	28	116	144	17	3	14
Kanker	Pakhanjur	Hari Nagar	0	235	235	17	0	17
Kanker	Pakhanjur	Pindkasa	0	242	242	17	0	17
Kanker	Narharpur	Bihawa	72	217	289	17	4	13
Kanker *	Pakhanjur	Pipli	20	303	323	17	1	16
Kanker	Antagarh	Taralkatta	5	337	342	17	0	17
Kanker	Antagarh	Sawalibaras	16	329	345	17	1	16
Kanker	Narharpur	Dawarkhar	41	306	347	17	2	15
Kanker	Kanker	Singarbhat	19	354	373	17	1	16
Kanker	Pakhanjur	Nahgeeda	89	353	442	17	3	14
Kanker	Pakhanjur	Bande Colony	15	442	457	17	1	16
Kanker	Narharpur	Naudabari	41	433	474	17	1	16
Kanker *	Pakhanjur	Jiramtarai	37	464	501	17	1	16
Kanker	Bhanupratappur	Botechang	27	485	512	17	1	16
Kanker	Pakhanjur	Sham Nagar	0	770	770	17	0	17

Kondagaon	Keskal	Bayalpur	4	228	232	17	0	17
Kondagaon	Keskal	Cherabeda	39	434	473	17	1	16
Kondagaon	Bade Rajpur	Khajrawand	35	591	626	17	1	16
Kondagaon	Farasgaon	Sadadi	61	578	639	17	2	15
Kondagaon	Makdi	Sonabera	62	712	774	17	1	16
Kondagaon	Bade Rajpur	Gamhari	4	938	942	17	0	17
Kondagaon	Kondagaon	Kanga	5	1268	1273	17	0	17
Kondagaon *	Farasgaon	Lanjoda	90	1557	1647	17	1	16
Korba	Pali	Shahid Hemu Colony	27	81	108	16	4	12
Korba	Katghora	Rangbel	21	318	339	17	1	16
Korba	Poundi-Uproda	Mera	45	334	379	17	2	15
Korba	Korba	Korkoma	33	418	451	17	1	16
Korba	Pali	Makhanpur	42	447	489	17	1	16
Korba	Poundi-Uproda	Gharipakhana	112	469	581	17	3	14
Korba	Pali	Bari Umrao	142	644	786	17	3	14
Korba	Pali	Pulali Kala	122	843	965	17	2	15
Korba	Pali	Murli	177	1483	1660	17	2	15
Korba *	Poundi-Uproda	Sakho	314	1894	2208	18	3	15
Korea	Baikunthpur	Meko	23	117	140	17	3	14
Korea	Sonhat	Kushha	63	415	478	17	2	15
Korea	Sonhat	Nignoher	111	444	555	17	3	14
Korea	Bharatpur	Mathmaur	134	442	576	17	4	13
Korea *	Sonhat	Natwahi	51	575	626	17	1	16
Korea	Bharatpur	Dongritola	276	952	1228	17	4	13
Korea	Khadganva	Belbehara	103	1161	1264	17	1	16
Korea	Sonhat	Singhor	113	2061	2174	18	1	17
Korea	Khadganva	Neori	441	2645	3086	18	3	15
Mahasamund	Basna	Chhirrachunwa	0	118	118	17	0	17
Mahasamund	Saraipali	Amarkot	0	214	214	17	0	17
Mahasamund	Pithora	Jhar Muda	0	218	218	17	0	17
Mahasamund	Pithora	Churrupali	9	249	258	17	1	16
Mahasamund	Pithora	Chikhali (Chikhli)	0	261	261	17	0	17
Mahasamund	Bagbahra	Bhalu Chuwa	10	314	324	17	1	16
Mahasamund	Bagbahra	Hichchha	43	295	338	17	2	15
Mahasamund	Pithora	Thakurdiya Kalan	0	407	407	17	0	17
Mahasamund	Mahasamund	Ghodari	19	484	503	17	1	16
Mahasamund	Pithora	Bade Loram	0	552	552	17	0	17
Mahasamund *	Mahasamund	Jhalkhamahriya	94	594	688	17	2	15
Mahasamund	Mahasamund	Banskuda	166	650	816	17	3	14
Mahasamund	Mahasamund	Labhara Kalan	195	784	979	17	3	14
Mungeli	Pathariya	Lukaukapa	24	144	168	17	2	15
Mungeli	Mungeli	Shitaldah	33	271	304	17	2	15
Mungeli	Lormi	Bhutkachhar	79	342	421	17	3	14
Mungeli *	Lormi	Ramhepur Jhirwan	18	410	428	17	1	16
Mungeli	Lormi	Akhrar	45	629	674	17	1	16
Mungeli	Pathariya	Goindri	174	892	1066	17	3	14
Mungeli	Mungeli	Kodwawani	95	1159	1254	17	1	16

Narayanpur	Narayanpur	Anjrel	41	227	268	17	3	14
Narayanpur *	Narayanpur	Khairabhat	31	422	453	17	1	16
Narayanpur	Orchha	Tumiradi	0	526	526	17	0	17
Narayanpur	Narayanpur	Terdul	72	919	991	17	1	16
Narayanpur	Narayanpur	Borpai	103	1381	1484	17	1	16
Raigarh	Baramkela	Hathilapali	0	110	110	16	0	16
Raigarh	Raigarh	Bhikharimal	4	155	159	17	0	17
Raigarh	Kharsia	Rajghata	2	186	188	17	0	17
Raigarh	Sarangarh	Machgodha	3	206	209	17	0	17
Raigarh	Tamnar	Nundarha	4	211	215	17	0	17
Raigarh	Pusour	Jogitarai	11	258	269	17	1	16
Raigarh	Lailunga	Regdi	32	238	270	17	2	15
Raigarh	Sarangarh	Herdi	0	297	297	17	0	17
Raigarh	Raigarh	Gejamuda	22	284	306	17	1	16
Raigarh	Pusour	Jakela	4	382	386	17	0	17
Raigarh *	Baramkela	Khairgarhi	19	380	399	17	1	16
Raigarh	Gharghoda	Kotarimal	34	379	413	17	1	16
Raigarh	Udaipur (Dharamjaigarh)	Behramar	121	353	474	17	4	13
Raigarh	Udaipur (Dharamjaigarh)	Bakaruma	56	534	590	17	2	15
Raigarh	Baramkela	Gobarsingha	5	641	646	17	0	17
Raigarh	Udaipur (Dharamjaigarh)	Bangarsuta	112	614	726	17	3	14
Raigarh	Udaipur (Dharamjaigarh)	Jagalmuaha	43	728	771	17	1	16
Raigarh	Udaipur (Dharamjaigarh)	Kumarta	140	721	861	17	3	14
Raipur	Raipur	Raipur (M Corp.) - Ward No.24	15	136	151	17	2	15
Raipur	Tilda	Ilida	46	528	574	17	1	16
Raipur *	Tilda	Kohka (Part)	320	358	678	17	8	9
Raipur	Arang	Tekari-1 (Tekari)	54	645	699	17	1	16
Raipur	Raipur	Tore	113	736	849	17	2	15
Raipur	Raipur	Tarra-1	79	961	1040	17	1	16
Raipur	Abhanpur	Kathiya-2 (Kathiya)	171	951	1122	17	3	14
Raipur	Raipur	Barauda	237	941	1178	17	3	14
Rajnandgaon *	Chhuikhadan	Jhumarkonha	24	141	165	17	2	15
Rajnandgaon	Khairagarh municipality	Amlipara Ward	14	205	219	17	1	16
Rajnandgaon	Mohla	Kudum Kasa	12	242	254	17	1	16
Rajnandgaon	Khairagarh	Maru Tola Khurd	25	323	348	17	1	16
Rajnandgaon	Khairagarh municipality	Mahatma Gandhi Ward (Pipariya)	40	324	364	17	2	15
Rajnandgaon	Chhuikhadan	Bagarjholia	76	347	423	17	3	14
Rajnandgaon	Rajnandgaon	Mohad Ward	57	417	474	17	2	15
Rajnandgaon	Rajnandgaon	Batgaon	107	394	501	17	4	13
Rajnandgaon	Mohla	Madiyanawadwi	46	466	512	17	2	15
Rajnandgaon	Khairagarh	Ghoghedabari	23	501	524	17	1	16
Rajnandgaon	Chhuriya	Purram Tola	33	517	550	17	1	16
Rajnandgaon *	Chhuriya	Keshal	15	627	642	17	0	17
Rajnandgaon	Manpur	Umarpal Tiju	88	572	660	17	2	15
Rajnandgaon	Dongargaon	Rudgaon	40	699	739	17	1	16
Rajnandgaon	Chhuikhadan	Hanaiband	62	689	751	17	1	16
Rajnandgaon	Chhuriya	Bagdwar	36	730	766	17	1	16

Rajnandgaon	Chhuriya	Sadak Chirchari	82	687	769	17	2	15
Rajnandgaon	Rajnandgaon	Indamara	22	953	975	17	0	17
Rajnandgaon	Chhuriya	Chirchari Kalan	57	1037	1094	17	1	16
Sukma	Konta	Timmapuram	28	242	270	17	2	15
Sukma	Konta	Dabbakonta	62	418	480	17	2	15
Sukma	Konta	Kista Ram	0	1051	1051	17	0	17
Sukma	Konta	Mulakisoli	164	1025	1189	17	2	15
Sukma	Sukma	Bhelvapal	0	1477	1477	17	0	17
Sukma	Konta	Chintalnar	244	1824	2068	18	2	16
Sukma	Konta	Korrapad	26	2731	2757	18	0	18
Surajpur *	Bhaiyathan	Sudamanagar	124	89	213	17	10	7
Surajpur	Oudgi	Begaridand	0	568	568	17	0	17
Surajpur	Ramanujnagar	Ramtirth	49	654	703	17	1	16
Surajpur	Pratappur	Jajawal	90	953	1043	17	1	16
Surajpur	Surajpur	Jainagar	85	1495	1580	17	1	16
Surajpur	Ramanujnagar	Surata	299	1467	1766	17	3	14
Surajpur	Pratappur	Songara	396	1658	2054	18	3	15
Surguja	Udaypur	Hanumangarh	102	219	321	17	5	12
Surguja	Sitapur	Erand	8	560	568	17	0	17
Surguja	Lakhanpur	Jiwiliya	38	561	599	17	1	16
Surguja	Lundra	Badgari	169	666	835	17	3	14
Surguja *	Sitapur	Girhuldi	44	1139	1183	17	1	16
Surguja	Lakhanpur	Amalbhati	401	1040	1441	17	5	12
Surguja	Lundra	Jori	387	1207	1594	17	4	13

* Researved villages to be used for sampling if any selected village in given district is not accessible, having logistic problem or any other issues

Abbreviations:

a :	District Name	f :	Cattle + Bullalo Population
b :	Block Name	g :	Number of units to Sample
c :	Village Name	h :	Buffalo Proportion
d :	Buffalo Population	i :	Cattle proportion
e :	Cattle Population		

FMD/SEROSUR/NIVEDI/Dadra And Nagar Haveli & Diu and Daman8/2022**Stratified Random Sampling:**

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 1 + (Cattle + Buffalo) = 42

Design Level Prevalence = 0.18

Cluster Level Prevalence = 0.09

Sensitivity of the test used = 0.90

Total No of Villages (Clusters) Selected = 28

Total No of Animals to be Sampled = 290 (Restricted)

DISTRICT_NAME	BLOCK_NAME	VILLAGE_NAME	Buffaloes	Cattle	Cattle + Buffalo	Number of units to sample	Buffalo Proportion	Cattle Proportion
Daman	Daman	Bhamati	0	10	10	9	0	9
Daman	Daman	Zari	4	41	45	13	1	12
Daman	Daman	Pariari	11	36	47	13	3	10
Daman	Daman	Dadhel Ct	40	21	61	13	9	4
Daman	Daman	Kachigam Ct	26	70	96	14	4	10
Dadra And Nagar Haveli	Rakholi	Sayali I	0	35	35	12	0	12
Dadra And Nagar Haveli	Dapada	Chinchpada I	0	117	117	14	0	14
Daman	Daman	Marwad Ct	0	135	135	14	0	14
Dadra And Nagar Haveli	Dadra & Nagar Haveli	Tighra	0	157	157	14	0	14
Dadra And Nagar Haveli	Dadra & Nagar Haveli	Chauda	0	216	216	14	0	14
Dadra And Nagar Haveli	Dadra & Nagar Haveli	Medha	0	232	232	14	0	14
Dadra And Nagar Haveli	Dadra & Nagar Haveli	Parzai	3	232	235	14	0	14
Dadra And Nagar Haveli	Dadra & Nagar Haveli	Ghodbari	0	271	271	14	0	14
Dadra And Nagar Haveli	Dadra & Nagar Haveli	Athal	5	323	328	14	0	14
Dadra And Nagar Haveli	Dadra & Nagar Haveli	Masat (Ct)	109	311	420	14	4	10
Dadra And Nagar Haveli	Dadra & Nagar Haveli	Kala	0	481	481	15	0	15
Dadra And Nagar Haveli	Dadra & Nagar Haveli	Jamalpada	0	499	499	15	0	15
Dadra And Nagar Haveli	Dadra & Nagar Haveli	Karad	10	649	659	15	0	15
Dadra And Nagar Haveli	Silvassa	Silvassa CT - W No.1 ard	113	826	939	15	2	13
Dadra And Nagar Haveli	Dadra & Nagar Haveli	Kherdi	16	1033	1049	15	0	15
Dadra And Nagar Haveli	Dadra & Nagar Haveli	Luhari	0	1111	1111	15	0	15

FMD/SEROSUR/NIVEDI/Delhi38/2022**Stratified Random Sampling:**

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 10 + (Cattle + Buffalo) = 264

Design Level Prevalence = 0.18

Cluster Level Prevalence = 0.054

Sensitivity of the test used = 0.90

Total No of Villages (Clusters) Selected = 61

Total No of Animals to be Sampled = 873 (Restricted)

DISTRICT_NAME (a)	BLOCK_NAME (b)	VILLAGE_NAME (c)	Buffalo Population (d)	Cattle Population (e)	Cattle + Buffalo Population (f)	Number of units to sample (g)	Buffalo Proportion (h)	Cattle Proportion (i)
CENTRAL	Civil Lines	Salem Pur Majra Burari	227	260	487	15	7	8
EAST	PATPARGANJ	MAYUR VIHAR PHASE-II	13	30	43	13	4	9
EAST	Preet Vihar	Mandawali Fazal Pur	39	61	100	14	5	9
EAST	PATPARGANJ	MANDAWALI	68	123	191	14	5	9
EAST	Mayur Vihar	Chilla Saroda Bangar	338	88	426	15	12	3
EAST	Mayur Vihar	Chilla Saroda Khadar	556	506	1062	15	8	7
NEW DELHI	KASTURBA NAGAR	KASTURBA NAGAR	46	94	140	14	5	9
NEW DELHI	Vasant Vihar	Malik Pur Kohi alias Rang Puri	71	278	349	14	3	11
NEW DELHI	Vasant Vihar	Masood Pur	1759	608	2367	15	11	4
NORTH	Alipur	Budhpur Bizapur	54	61	115	14	7	7
NORTH	Alipur	Sungar Pur Delhi	86	69	155	14	8	6
NORTH	Alipur	Mukhmel Pur	95	82	177	14	8	6
NORTH	BAWANA	BEGUMPUR	204	114	318	14	9	5
NORTH	Alipur	Akbar Pur Majra	288	126	414	14	10	4
NORTH	Alipur	Hamid Pur	409	245	654	15	9	6
NORTH	Alipur	Palla	481	199	680	15	11	4
NORTH	NARELA	BAKHTAWARPUR	541	397	938	15	9	6
NORTH	BADLI	BHALSWA	3517	311	3828	15	14	1
NORTH	BAWANA	NANGAL THAKRAN	2546	7039	9585	15	4	11
NORTH EAST	GOKALPUR	GOKAL PURI	15	10	25	12	7	5
NORTH EAST	Karawal Nagar	Bihari Pur	39	14	53	13	10	3
NORTH EAST	Karawal Nagar	Saba Pur Shahdara	65	47	112	14	8	6
NORTH EAST	Yamuna Vihar	Ziauddin Pur	105	12	117	14	13	1
NORTH EAST	KARAWAL NAGAR	KARAWAL NAGAR-EAST	57	77	134	14	6	8
NORTH EAST	MUSTAFABAD	MUSTAFABAD	128	7	135	14	13	1
NORTH EAST	BABARPUR	HARSH VIHAR	143	76	219	14	9	5
NORTH WEST	WAZIRPUR	WAZIR PUR	9	14	23	11	4	7
NORTH WEST	Kanjhawala	Chatesar	68	34	102	14	9	5
NORTH WEST	SULTANPUR MAJRA	SULTANPURI-C	158	15	173	14	13	1
NORTH WEST	MANGOL PURI	MANGOLPURI-C	91	110	201	14	6	8
NORTH WEST	RITHALA	BUDH VHAR	24	181	205	14	2	12
NORTH WEST	Kanjhawala	Qutab Garh	784	230	1014	15	12	3
NORTH WEST	KIRARI	KIRARI SULEMAN	600	693	1293	15	7	8
NORTH WEST	TRI NAGAR	RAM PURA	90	1469	1559	15	1	14
SHAHDARA	SHAHDARA	JHILMIL	21	168	189	14	2	12
SHAHDARA	SEEMA PURI	NAND NAGRI	156	147	303	14	7	7
SOUTH	MALVIYA NAGAR	HAUZ KHAS	0	14	14	10	0	10

SOUTH	R K PURAM	SAID-UL-AJAIB	9	48	57	13	2	11
SOUTH	GREATER KAILASH	LADO SARAI	11	79	90	14	2	12
SOUTH	CHHATARPUR	CHHATARPUR	26	68	94	14	4	10
SOUTH	Mehrauli	Gadai Pur	30	154	184	14	2	12
SOUTH	Mehrauli	Chandan Hola	290	81	371	14	11	3
SOUTH EAST	KALKAJI	HARKESH NAGAR	60	5	65	13	12	1
SOUTH EAST	OKHLA	MADANPUR KHADAR WEST	2233	375	2608	15	13	2
SOUTH WEST	Kapeshera	Hasan Pur	64	33	97	14	9	5
SOUTH WEST	Kapeshera	Taj Pur Khurd	116	96	212	14	8	6
SOUTH WEST	Kapeshera	Devrala	213	134	347	14	9	5
SOUTH WEST	Kapeshera	Bharthal	272	134	406	14	9	5
SOUTH WEST	Kapeshera	Dindar Pur	500	136	636	15	12	3
SOUTH WEST	Najafgarh	Khar Khaira Nahar	530	181	711	15	11	4
SOUTH WEST	Najafgarh	Jaffar Pur Kalan	472	390	862	15	8	7
SOUTH WEST	Najafgarh	Malik Pur zer Najafgarh	547	396	943	15	9	6
SOUTH WEST	Najafgarh	Masuda Bad	228	1131	1359	15	3	12
SOUTH WEST	Najafgarh	Issa Pur	1423	962	2385	15	9	6
SOUTH WEST	Najafgarh	Khera Dabar	2425	718	3143	15	12	3
SOUTH WEST	CHHAWLA	CHHAWLA	880	3187	4067	15	3	12
WEST	MADIPUR	MADIPUR	4	8	12	9	3	6
WEST	VIKASPURI	BAPRAULA	63	26	89	14	10	4
WEST	Punjabi Bagh	Shafi Pur Ranhola	199	79	278	14	10	4
WEST	MADIPUR	RAJA GARDEN	27	298	325	14	1	13
WEST	RAJINDER NAGAR	INDER PURI	342	144	486	15	11	4
WEST	Punjabi Bagh	Neel Wal	445	45	490	15	14	1

Abbreviations:

a :	District Name	f :	Cattle + Bullalo Population
b :	Block Name	g :	Number of units to Sample
c :	Village Name	h :	Buffalo Proportion
d :	Buffalo Population	i :	Cattle proportion
e :	Cattle Population		

FMD/SEROSUR/NIVEDI/Goa10/2022**Stratified Random Sampling:**

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 10 + (Cattle + Buffalo) = 276

Design Level Prevalence = 0.18

Cluster Level Prevalence = 0.036

Sensitivity of the test used = 0.90

Total No of Villages (Clusters) Selected = 91

Total No of Animals to be Sampled = 1228 (Restricted)

DISTRICT_NAME (a)	BLOCK_NAME (b)	VILLAGE_NAME (c)	Buffalo Population (d)	Cattle Population (e)	Cattle + Buffalo Population (f)	Number of units to sample (g)	Buffalo Proportion (h)	Cattle Proportion (i)
North Goa	Tiswadi	Caraim	14	7	21	11	7	4
North Goa	Tiswadi	Chimbel (Ct)	24	2	26	12	11	1
North Goa	Bardez	Assagao	0	28	28	12	0	12
North Goa	Pernem	Pernem (M Cl) - Ward No.1	21	10	31	12	8	4
North Goa	Tiswadi	Goalim Moula	8	26	34	12	3	9
North Goa	Tiswadi	Jua (Ct)	22	12	34	12	8	4
North Goa	Bardez	Reis Magos (Ct)	6	31	37	13	2	11
North Goa	Satari	Codal	0	40	40	13	0	13
North Goa	Bardez	Arpora	30	12	42	13	9	4
North Goa	Bicholim	Bicholim (M Cl) - Ward No.10	30	16	46	13	8	5
North Goa	Tiswadi	Neura-O-Pequeno	8	45	53	13	2	11
North Goa	Tiswadi	Cumbarjua (Ct)	24	30	54	13	6	7
North Goa	Tiswadi	Cujira (Og)	48	14	62	13	10	3
North Goa	Satari	Siroli	22	42	64	13	4	9
North Goa	Tiswadi	Neura-O-Grande	16	48	64	13	3	10
North Goa	Satari	Nagargao	27	38	65	13	5	8
North Goa	Bicholim	Aturli	29	38	67	13	6	7
North Goa	Tiswadi	Taleigao (Og) (Part)	30	40	70	13	6	7
North Goa	Valpoi	Valpoi (M Cl) - Ward No.9	24	56	80	14	4	10
North Goa	Bicholim	Bicholim (M Cl) - Ward No.3	7	78	85	14	1	13
North Goa	Bicholim	Bicholim (M Cl) - Ward No.2	2	95	97	14	0	14
North Goa	Satari	Sonal	30	70	100	14	4	10
North Goa	Satari	Sanvorem	0	102	102	14	0	14
North Goa	Bardez	Siolim (Ct)	69	37	106	14	9	5
North Goa	Bardez	Colvale (Ct)	34	72	106	14	4	10
North Goa	Satari	Siranguli	0	107	107	14	0	14
North Goa	Satari	Carambolim Bozruco	0	114	114	14	0	14
North Goa	Satari	Ponocem	0	116	116	14	0	14
North Goa	Tiswadi	Batim	5	117	122	14	1	13
North Goa	Bicholim	Harvalem	79	48	127	14	9	5
North Goa	Pernem	Agarvado	77	111	188	14	6	8
North Goa	Valpoi	Valpoi (M Cl) - Ward No.1	47	185	232	14	3	11
North Goa	Bicholim	Mencurem	98	140	238	14	6	8
North Goa	Satari	Melauli	35	204	239	14	2	12
North Goa	Pernem	Varconda	182	96	278	14	9	5
North Goa	Satari	Saleli	62	218	280	14	3	11

North Goa	Bicholim	Maulinguem North	127	155	282	14	6	8
North Goa	Mapusa	Mapusa (M Cl) - Ward No.1	262	52	314	14	12	2
North Goa	Pernem	Ozorim	108	243	351	14	4	10
North Goa	Valpoi	Valpoi (M Cl) - Ward No.5	20	399	419	14	1	13
North Goa	Pernem	Parcem (Ct)	177	276	453	15	6	9
North Goa	Pernem	lbrampur	239	532	771	15	5	10
North Goa	Pernem	Corgao	239	638	877	15	4	11
North Goa	Bicholim	Salem	241	1175	1416	15	3	12
South Goa	Mormugao	Dabolim	0	11	11	9	0	9
South Goa	Sanguem	Sanguem (M Cl) - Ward No.9	1	15	16	10	1	9
South Goa	Mormugao	Mormugao (M Cl) - Ward No.11	2	18	20	11	1	10
South Goa	Mormugao	Mormugao (M Cl) - Ward No.17	4	17	21	11	2	9
South Goa	Sanguem	Potrem	5	25	30	12	2	10
South Goa	Salcete	Adsulim	20	13	33	12	7	5
South Goa	Quepem	Zanodem	6	27	33	12	2	10
South Goa	Dharbandora	Camarconda	16	19	35	12	5	7
South Goa	Mormugao	Mormugao (M Cl) - Ward No.10	11	30	41	13	3	10
South Goa	Sanguem	Muguli	30	17	47	13	8	5
South Goa	Mormugao	Mormugao (M Cl) - Ward No.19	25	31	56	13	6	7
South Goa	Ponda	Vadi	44	20	64	13	9	4
South Goa	Ponda	Tivrem	28	37	65	13	6	7
South Goa	Curchorem Cacora	Curchorem Cacora (M Cl) - Ward	18	52	70	13	3	10
South Goa	Salcete	Vanelim	25	65	90	14	4	10
South Goa	Quepem	Maina	10	80	90	14	2	12
South Goa	Margao	Margao (M Cl) - Ward No.3	18	75	93	14	3	11
South Goa	Canacona	Canacona (M Cl) - Ward No.7	50	44	94	14	7	7
South Goa	Quepem	Assolda	10	86	96	14	1	13
South Goa	Margao	Margao (M Cl) - Ward No.11	103	4	107	14	13	1
South Goa	Canacona	Canacona (M Cl) - Ward No.3	19	90	109	14	2	12
South Goa	Cuncolim	Cuncolim (M Cl) - Ward No.7	8	103	111	14	1	13
South Goa	Quepem	Quisconda	0	114	114	14	0	14
South Goa	Cuncolim	Cuncolim (M Cl) - Ward No.1	51	67	118	14	6	8
South Goa	Cuncolim	Cuncolim (M Cl) - Ward No.4	104	23	127	14	11	3
South Goa	Curchorem Cacora	Curchorem Cacora (M Cl) - Ward	69	84	153	14	6	8
South Goa	Salcete	Utorda	34	136	170	14	3	11
South Goa	Curchorem Cacora	Curchorem Cacora (M Cl) - Ward	115	63	178	14	9	5
South Goa	Ponda	Borim (Ct)	107	79	186	14	8	6
South Goa	Quepem	Quedem	0	192	192	14	0	14
South Goa	Ponda	Gangem	59	143	202	14	4	10
South Goa	Ponda	Candola (Ct)	138	73	211	14	9	5
South Goa	Sanguem	Patiem	4	210	214	14	0	14
South Goa	Salcete	Orlim	102	115	217	14	7	7
South Goa	Canacona	Canacona (M Cl) - Ward No.1	118	104	222	14	7	7
South Goa	Salcete	Colva	84	166	250	14	5	9
South Goa	Cuncolim	Cuncolim (M Cl) - Ward No.8	169	83	252	14	9	5
South Goa	Quepem	Morpila	0	269	269	14	0	14
South Goa	Canacona	Canacona (M Cl) - Ward No.8	146	152	298	14	7	7

South Goa	Margao	Margao (M Cl) - Ward No.2	267	54	321	14	12	2
South Goa	Salcete	Raia (Ct)	176	194	370	14	7	7
South Goa	Cuncolim	Cuncolim (M Cl) - Ward No.5	205	173	378	14	8	6
South Goa	Dharbandora	Molem	209	208	417	14	7	7
South Goa	Dharbandora	Darbandora	94	335	429	15	3	12
South Goa	Cuncolim	Cuncolim (M Cl) - Ward No.10	281	155	436	15	10	5
South Goa	Cuncolim	Cuncolim (M Cl) - Ward No.6	279	194	473	15	9	6
South Goa	Cuncolim	Cuncolim (M Cl) - Ward No.2	378	389	767	15	7	8

Abbreviations:

a : District Name **f : Cattle + Bullalo Population**
b : Block Name **g : Number of units to Sample**
c : Village Name **h : Buffalo Proportion**
d : Buffalo Population **i : Cattle proportion**
e : Cattle Population

FMD/SEROSUR/NIVEDI/Gujarat11/2022**Stratified Random Sampling:**

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 200 + (Cattle + Buffalo) = 11350

Design Level Prevalence = 0.0998

Cluster Level Prevalence = 0.00998

Sensitivity of the test used = 0.90

Total No of Villages (Clusters) Selected = 256(+12 Reserved Villages)

Total No of Animals to be Sampled = 6656

DISTRICT_NAME (a)	BLOCK_NAME (b)	VILLAGE_NAME (c)	Buffalo Population (d)	Cattle Population (e)	Cattle + Buffalo Population (f)	Number of units to sample (g)	Buffalo Proportion (h)	Cattle Proportion (i)
AHMADABAD	Sanand	Chharodi	684	43	727	26	24	2
AHMADABAD	Ahmadabad	Ahmadabad (M Corp.) - Ward	381	655	1036	26	10	16
AHMADABAD	Bavla	Adroda	926	324	1250	26	19	7
AHMADABAD	Dhandhuka	Dhandhuka (M) - Ward No.7	481	856	1337	26	9	17
AHMADABAD	Ahmadabad	Ahmadabad (M Corp.) - Ward	961	601	1562	26	16	10
AHMADABAD	Daskroi	Khodiyar	1503	69	1572	26	25	1
AHMADABAD*	Viramgam	Jetapur	2300	491	2791	26	21	5
AMRELI	Jafrabad	Balanivav	143	70	213	25	17	8
AMRELI	Dhari	Amaratpur	221	245	466	26	12	14
AMRELI	Lilia	Gundran	233	359	592	26	10	16
AMRELI	Rajula	Rajula (M) - Ward No.3	224	442	666	26	9	17
AMRELI	Savar Kundla	Shelana	365	347	712	26	13	13
AMRELI	Dhari	Nagadhra	504	273	777	26	17	9
AMRELI	Khambha	Bhaniya	557	275	832	26	17	9
AMRELI	Babra	Untvad	335	724	1059	26	8	18
AMRELI	Babra	Kundal Nani	831	2105	2936	26	7	19
ANAND	Anand Rural	Khandhali	229	370	599	26	10	16
ANAND	Anand Rural	Navli	482	547	1029	26	12	14
ANAND	Umreth	Lingda	1131	495	1626	26	18	8
ANAND	Borsad	Dabhasi	1016	751	1767	26	15	11
ANAND	Borsad	Napa Talpad	2634	367	3001	26	23	3
ANAND*	Khambhat	Dhuvaran	2722	779	3501	26	20	6
ARVALI	Malpur	Andhari Vadi	154	354	508	26	8	18
ARVALI	Modasa	Malvan (Keshapur)	328	265	593	26	14	12
ARVALI	Meghraj	Chhikari	472	540	1012	26	12	14
ARVALI	Malpur	Dhirakhantna Muvada	404	663	1067	26	10	16
ARVALI	Bayad	Amiyapur	806	727	1533	26	14	12
ARVALI	Meghraj	Vaiya	637	940	1577	26	11	15
ARVALI	Bayad	Vasna Mota	751	962	1713	26	11	15
ARVALI*	Bayad	Dakhaneshvar	301	1818	2119	26	4	22
ARVALI	Bhiloda	Takatuka	1454	1085	2539	26	15	11
BANAS KANTHA	Kankrej	Tembi (Petapara) (Un)	210	132	342	25	15	10
BANAS KANTHA	Deesa	Deesa (M) - Ward No.10	703	56	759	26	24	2
BANAS KANTHA	Amirgadh	Ajapur Vanka	608	486	1094	26	14	12
BANAS KANTHA	Tharad	Tharad (M) - Ward No.1	654	520	1174	26	14	12
BANAS KANTHA	Deodar	Sesan Juna	738	552	1290	26	15	11
BANAS KANTHA	Kankrej	Manpura (Un)	1678	367	2045	26	21	5

BANAS KANTHA	Vadgam	Mejarpura	671	1439	2110	26	8	18
BANAS KANTHA	Tharad	Chudmer	1223	890	2113	26	15	11
BANAS KANTHA	Palanpur	Merwada (Ratanpur)	476	1841	2317	26	5	21
BANAS KANTHA	Palanpur	Ranawas	821	1657	2478	26	9	17
BANAS KANTHA	Tharad	Kochala	1214	1445	2659	26	12	14
BANAS KANTHA	Dhanera	Shergadh (Jadiya)	1639	1669	3308	26	13	13
BANAS KANTHA	Vadgam	Karnala	838	2488	3326	26	7	19
BANAS KANTHA	Deesa	Gogapura	2164	1320	3484	26	16	10
BANAS KANTHA	Vav	Chotil	1827	1758	3585	26	13	13
BANAS KANTHA	Deodar	Kotda Forna	2040	2650	4690	26	11	15
BANAS KANTHA	Dhanera	Malotra	2648	5023	7671	26	9	17
BANAS KANTHA	Deesa	Bhadath	3610	4608	8218	26	11	15
BHARUCH	Jhagadia	Khadoli	128	112	240	25	13	12
BHARUCH*	Jhagadia	Tothidara	204	188	392	25	13	12
BHARUCH	Hansot	Valner	316	79	395	25	20	5
BHARUCH	Jhagadia	Vadhavana	288	178	466	26	16	10
BHARUCH	Valia	Petiya	156	340	496	26	8	18
BHARUCH	Jhagadia	Dadheda	275	279	554	26	13	13
BHARUCH	Jambusar	Sigam	588	112	700	26	22	4
BHARUCH	Vagra	Chanchvel	710	160	870	26	21	5
BHARUCH	Netrang	Mota Jambuda	171	932	1103	26	4	22
BHARUCH	Jambusar	Jambusar (M) - Ward No.7	646	1014	1660	26	10	16
BHAVNAGAR	Ghogha	Mamsa	244	50	294	25	21	4
BHAVNAGAR	Bhavnagar	Shampara(Sidsar)	109	421	530	26	5	21
BHAVNAGAR	Mahuva	Malvav	490	185	675	26	19	7
BHAVNAGAR	Talaja	Neshiya	467	217	684	26	18	8
BHAVNAGAR	Ghogha	Badi	704	244	948	26	19	7
BHAVNAGAR	Palitana	Jaliya(Manaji)	715	424	1139	26	16	10
BHAVNAGAR	Ghogha	Ukharala	425	911	1336	26	8	18
BHAVNAGAR	Mahuva	Raniwada	1138	338	1476	26	20	6
BHAVNAGAR	Mahuva	Bhaguda	1521	300	1821	26	22	4
BOTAD	Gadhada	Sanjanavadar	191	765	956	26	5	21
BOTAD*	Gadhada	Gadhada (M) - Ward No.6	279	1817	2096	26	3	23
CHHOTAUDEPUR	BODELI	Rajbodeli	107	147	254	25	11	14
CHHOTAUDEPUR	Nasvadi	Palasani	168	242	410	25	10	15
CHHOTAUDEPUR	Sankheda	Sarsinda (Jharvan)	248	215	463	26	14	12
CHHOTAUDEPUR	Jetpur Pavi	Mesara	294	257	551	26	14	12
CHHOTAUDEPUR	Kavant	Dhanpari	136	564	700	26	5	21
CHHOTAUDEPUR	Kavant	Samalvant	208	515	723	26	7	19
CHHOTAUDEPUR	Chhota Udaipur	Talav Faliya	378	364	742	26	13	13
CHHOTAUDEPUR	Kavant	Chichva	265	598	863	26	8	18
CHHOTAUDEPUR	Nasvadi	Dani	313	783	1096	26	7	19
CHHOTAUDEPUR	Jetpur Pavi	Thalki	859	540	1399	26	16	10
CHHOTAUDEPUR	Jetpur Pavi	Nani Bej	974	721	1695	26	15	11
CHHOTAUDEPUR	Jetpur Pavi	Baravad	793	1014	1807	26	11	15
DANG	Subir	Bilbari	30	199	229	25	3	22
DANG	Subir	Amthawa	14	245	259	25	1	24

DANG	Waghai	Jhavda	88	315	403	25	5	20
DANG	Waghai	Dhodhalpada	96	334	430	25	6	19
DANG	Waghai	Borigaotha (Waghaisaja)	70	537	607	26	3	23
DANG	Subir	Kirli	42	592	634	26	2	24
DEVBHUMI DWARKA	Kalyanpur	Keshavpura	710	115	825	26	22	4
DEVBHUMI DWARKA	Okhamandal	Makanpur	684	372	1056	26	17	9
DEVBHUMI DWARKA	Kalyanpur	Pindara	733	384	1117	26	17	9
DEVBHUMI DWARKA	Khambhalia	Keshod	2929	186	3115	26	24	2
DEVBHUMI DWARKA	Kalyanpur	Sanosari	2396	756	3152	26	20	6
DOHAD	Garbada	Bhutardi	98	283	381	25	6	19
DOHAD	Devgadbaria	Nathudi	498	283	781	26	17	9
DOHAD	Dohad	Bhutodi	418	683	1101	26	10	16
DOHAD	Dohad	Jekot	490	945	1435	26	9	17
DOHAD	Dhanpur	Kakad Khila	551	972	1523	26	9	17
DOHAD	Jhalod	Mirakhedi	412	1129	1541	26	7	19
DOHAD	Devgadbaria	Juna Bariya	1326	1479	2805	26	12	14
DOHAD	Dhanpur	Ghodajar	1403	2499	3902	26	9	17
DOHAD	Dhanpur	Nakti	2236	1757	3993	26	15	11
DOHAD	Dohad	Bavka	2561	2573	5134	26	13	13
GANDHINAGAR	Dehgam	Jaliyano Math	664	387	1051	26	16	10
GANDHINAGAR	Mansa	Mansa (M) - Ward No.1	401	933	1334	26	8	18
GANDHINAGAR	Dehgam	Nana Jalundra	1290	344	1634	26	21	5
GANDHINAGAR	Kalol Gandhinagar	Nardipur	1038	1335	2373	26	11	15
GANDHINAGAR*	Kalol Gandhinagar	Nasmed	2584	449	3033	26	22	4
GIR SOMNATH	Una	Bhacha	261	390	651	26	10	16
GIR SOMNATH	Una	Khatriwada	330	742	1072	26	8	18
GIR SOMNATH	Kodinar	Fafni Moti	458	926	1384	26	9	17
GIR SOMNATH	Una	Bhingran	734	800	1534	26	12	14
GIR SOMNATH	Una	Samter	572	1007	1579	26	9	17
JAMNAGAR	Kalavad	Haripar (Mevasa)	149	167	316	25	12	13
JAMNAGAR	Jamnagar Rural	Nani Khavdi	222	172	394	25	14	11
JAMNAGAR	Jamnagar Rural	Morkanda	329	481	810	26	11	15
JAMNAGAR	Kalavad	Dhundhoraji	233	602	835	26	7	19
JAMNAGAR	Lalpur	Badhla	268	816	1084	26	6	20
JAMNAGAR	Jamjodhpur	Butavadar	670	586	1256	26	14	12
JAMNAGAR	Jamjodhpur	Patan	1475	805	2280	26	17	9
JUNAGADH	Visavadar	Desai Vadala	122	134	256	25	12	13
JUNAGADH	Mendarda	Panchali	426	101	527	26	21	5
JUNAGADH	Vanthali	Zampodad	331	225	556	26	15	11
JUNAGADH	Keshod	Bava Simroli	390	314	704	26	14	12
JUNAGADH	Junagadh	Chorvadi	349	504	853	26	11	15
JUNAGADH	Mangrol	Bamanvada	568	515	1083	26	14	12
JUNAGADH	Malia Hatina	Katrasa	360	769	1129	26	8	18
JUNAGADH	Mendarda	Chandravadi	589	672	1261	26	12	14
KACHCHH	Bhuj	Bandhara Nana	67	263	330	25	5	20
KACHCHH	Bhuj	Kamaguna	77	386	463	26	4	22
KACHCHH	Mundra	Kanjra	53	556	609	26	2	24

KACHCHH	Rapar	Kuda(Kuda Jampar)	628	167	795	26	21	5
KACHCHH	Rapar	Vrajvani	450	379	829	26	14	12
KACHCHH	Bhachau	Bharudia	369	758	1127	26	9	17
KACHCHH *	Bhuj	Daddhar Moti	1064	91	1155	26	24	2
KACHCHH	Mundra	Vovar	335	1127	1462	26	6	20
KACHCHH	Rapar	Jatavada (Jilar Vandh)	925	745	1670	26	14	12
KACHCHH	Bhuj	Dagala	1238	790	2028	26	16	10
KACHCHH	Bhuj	Mankuva (CT)	487	2323	2810	26	5	21
KACHCHH	Bhachau	Adhoi (Pasakayara)	826	2105	2931	26	7	19
KACHCHH	Mundra	Pragpar (1)	316	4963	5279	26	2	24
KHEDA	Kathlal	Sikandar Porda	214	159	373	25	14	11
KHEDA	Nadiad	Kamla (Part)	750	333	1083	26	18	8
KHEDA	Galteshwar	Vadad	1025	418	1443	26	18	8
KHEDA	Mehmedabad	Ghodali	1369	246	1615	26	22	4
KHEDA	Mahudha	Nadgam	1872	125	1997	26	24	2
KHEDA	Nadiad	Uttarsanda	1980	557	2537	26	20	6
KHEDA	Mehmedabad	Kachhai	3570	638	4208	26	22	4
KHEDA	Mehmedabad	Rudan	3404	1213	4617	26	19	7
MAHESANA	Kadi	Achrasan	484	1	485	26	26	0
MAHESANA	Unjha	Unjha (M) - Ward No.4	656	185	841	26	20	6
MAHESANA	Satlasana	Rangpur (Gadh)	682	348	1030	26	17	9
MAHESANA	Kadi	Sendrana	468	602	1070	26	11	15
MAHESANA	Becharaji	Delpura Khant	1015	59	1074	26	25	1
MAHESANA	Vijapur	Gavada	851	1186	2037	26	11	15
MAHESANA	Vadnagar	Karbatiya	1149	1016	2165	26	14	12
MAHESANA	Visnagar	Kamana	1718	634	2352	26	19	7
MAHESANA	Vijapur	Hirpura	887	2275	3162	26	7	19
Mahisagar	Lunawada	Helkaledi	185	64	249	25	19	6
Mahisagar	Lunawada	Godna Muvada	306	171	477	26	17	9
Mahisagar	Lunawada	Lunawada (M) - Ward No.4	26	590	616	26	1	25
Mahisagar	Kadana	Vagadiyana Pithapur	544	254	798	26	18	8
Mahisagar	Virpur	Bhanjini Vav	560	257	817	26	18	8
Mahisagar	Santrampur	Nani Sarsan	558	364	922	26	16	10
Mahisagar	Khanpur	Limdi Timba	788	565	1353	26	15	11
Mahisagar	Santrampur	Bugad	1041	325	1366	26	20	6
Mahisagar	Kadana	Nani Kharsoli	1037	673	1710	26	16	10
Mahisagar	Lunawada	Hadod	1848	1539	3387	26	14	12
MORBI	Halvad	Survadar	373	299	672	26	14	12
MORBI	Tankara	Harbatiyali	304	426	730	26	11	15
MORBI	Wankaner	Jalida	558	411	969	26	15	11
MORBI	Halvad	Ranmalpur	477	1036	1513	26	8	18
MORBI	Halvad	Kadiyana	1070	1068	2138	26	13	13
NARMADA*	Tilakwada	Amaliya	142	152	294	25	12	13
NARMADA	Nandod	Thari	346	68	414	25	21	4
NARMADA	Nandod	Akuvada	320	144	464	26	18	8
NARMADA	Sagbara	Dodhanvadi	42	445	487	26	2	24
NARMADA	GARUDESHWAR	Kevadiya (CT)	102	412	514	26	5	21

NARMADA	Sagbara	Padi	14	885	899	26	0	26
NARMADA	Dediapada	Almavadi	245	706	951	26	7	19
NARMADA	GARUDESHWAR	Zarvani	84	1800	1884	26	1	25
NAVSARI	Navsari	Moldhara	96	167	263	25	9	16
NAVSARI	Navsari	Sisodra (Ganesh)	323	248	571	26	15	11
NAVSARI	Jalalpore	Simalgam	242	447	689	26	9	17
NAVSARI	Chikhli	Surkhai	194	642	836	26	6	20
NAVSARI	Chikhli	Ranverikhurd	190	1448	1638	26	3	23
NAVSARI	Bansda	Vandarvela	459	2244	2703	26	4	22
PANCH MAHALS	Jambughoda	Dhanakiya	105	204	309	25	8	17
PANCH MAHALS	Shehera	Bhunidra	318	330	648	26	13	13
PANCH MAHALS	Halol	Rameshra	670	209	879	26	20	6
PANCH MAHALS	Jambughoda	Udhavan	391	564	955	26	11	15
PANCH MAHALS	Kalol	SAGANPURA	776	402	1178	26	17	9
PANCH MAHALS	Godhra	UJADIYANA MUVADA	1011	575	1586	26	17	9
PANCH MAHALS	Morwa (Hadaf)	Chopada Bujarg	796	841	1637	26	13	13
PANCH MAHALS	Godhra	Tuwa	1163	544	1707	26	18	8
PANCH MAHALS	Kalol	Vyasda	1147	664	1811	26	16	10
PATAN	Saraswati	Gulvasna	468	51	519	26	23	3
PATAN	Chanasma	Sevala	855	73	928	26	24	2
PATAN	Santalpur	Parsund	756	255	1011	26	19	7
PATAN	Santalpur	Bavarda	899	349	1248	26	19	7
PATAN	Harij	Rughnathpura	685	633	1318	26	14	12
PATAN	Patan	Patan (M) - Ward No.4	1329	798	2127	26	16	10
PATAN	Radhanpur	Kamalpur (Satun)	1802	451	2253	26	21	5
PATAN	Saraswati	Veloda (Nana Mota)	1773	763	2536	26	18	8
PORBANDAR	Ranavav	Ranavav (M) - Ward No.3	1229	199	1428	26	22	4
PORBANDAR	Kutiyana	Hamadpara	1168	353	1521	26	20	6
PORBANDAR	Ranavav	Bhod	1285	672	1957	26	17	9
RAJKOT	Dhoraji	Bhola	191	143	334	25	14	11
RAJKOT*	Lodhika	Rataiya	306	364	670	26	12	14
RAJKOT	Jamkandorna	Dudhivadar	450	424	874	26	13	13
RAJKOT	Upleta	Padvala	703	429	1132	26	16	10
RAJKOT	Jasdan	Juna Pipaliya	357	838	1195	26	8	18
RAJKOT	Gondal	Chordi	592	983	1575	26	10	16
RAJKOT	Jasdan	Nani Lakhavad	797	1168	1965	26	11	15
RAJKOT	Gondal	Bandra	1123	901	2024	26	14	12
SABAR KANTHA	Himatnagar	Shangal	320	180	500	26	17	9
SABAR KANTHA	Idar	Gambhirpura (OG)	264	350	614	26	11	15
SABAR KANTHA	Vadali	Vasna (Asai)	295	473	768	26	10	16
SABAR KANTHA	Idar	Siyasan	624	627	1251	26	13	13
SABAR KANTHA*	Vijaynagar	Bhankhra	698	643	1341	26	14	12
SABAR KANTHA	Vadali	Chulla	395	1033	1428	26	7	19
SABAR KANTHA	Khedbrahma	Paroya	1037	1006	2043	26	13	13
SABAR KANTHA	Idar	Bhanpur (Vadiyavir)	592	1787	2379	26	6	20
SABAR KANTHA	Talod	Boriya Becharaji	2033	439	2472	26	21	5
SABAR KANTHA	Talod	Kherol	1855	1557	3412	26	14	12

SURAT	Chorasi	Samrod	158	144	302	25	13	12
SURAT	Bardoli	Junvani	192	213	405	25	12	13
SURAT	Olpad	Saras	329	142	471	26	18	8
SURAT	Mandvi surat	Areth	477	215	692	26	18	8
SURAT	Palsana	Vareli (CT)	687	133	820	26	22	4
SURAT	Mandvi surat	Khod Amba	450	608	1058	26	11	15
SURAT	Mandvi surat	Kolkhadi	611	604	1215	26	13	13
SURAT	Umarpada	Dongripada	372	1218	1590	26	6	20
SURAT	Surat	Surat (M Corp.) - Ward No.35	986	831	1817	26	14	12
SURAT	Palsana	Kadodara (CT)	1223	1063	2286	26	14	12
SURENDRANAGAR	Sayla	Nava Sudamda	255	176	431	25	15	10
SURENDRANAGAR	Limbdi	Choraniya	415	378	793	26	14	12
SURENDRANAGAR	Sayla	Gundiyavada	388	725	1113	26	9	17
SURENDRANAGAR	Limbdi	Dhalwana	780	467	1247	26	16	10
SURENDRANAGAR	Chuda	Mojidad	306	996	1302	26	6	20
SURENDRANAGAR	Dasada	Zadiyana	384	1241	1625	26	6	20
SURENDRANAGAR	Limbdi	Laxmisar	569	1828	2397	26	6	20
SURENDRANAGAR	Patdi	Patdi(M) ward 1	2720	2442	5162	26	14	12
TAPI	Songadh	Bori Savar	190	185	375	25	13	12
TAPI	Valod	Kanajod	166	261	427	25	10	15
TAPI	Songadh	Kakad Kuva P Umarda	382	318	700	26	14	12
TAPI	Songadh	Kikakui	476	227	703	26	18	8
TAPI	Songadh	Bhurivel (CT)	282	443	725	26	10	16
TAPI	Songadh	Ukai Resettlement Village No-3	441	760	1201	26	10	16
TAPI	Vyara	Khurdi	418	942	1360	26	8	18
TAPI	Vyara	Kasvav	392	1439	1831	26	6	20
VADODARA	Dabhoi	Dangiwada	157	110	267	25	15	10
VADODARA	Dabhoi	Kundhela	270	181	451	25	15	10
VADODARA	Sinor	Avakhal	323	244	567	26	15	11
VADODARA*	Padra	Padra (M) - Ward No.1	502	276	778	26	17	9
VADODARA	Vadodara Rural	Ajod	618	246	864	26	19	7
VADODARA	Karjan	Dethan	436	541	977	26	12	14
VADODARA	Padra	Gavasad	524	784	1308	26	10	16
VADODARA	Padra	Umaraya	1573	115	1688	26	24	2
VADODARA	DESAR	Jambu Goral	1821	362	2183	26	22	4
VALSAD	Umbergaon	Angam	32	246	278	25	3	22
VALSAD	Umbergaon	Tumb	107	546	653	26	4	22
VALSAD	Dharampur	Maragmal	226	865	1091	26	5	21
VALSAD	Dharampur	Sidumber	137	975	1112	26	3	23
VALSAD	Kaprada	Mota Pondha	169	983	1152	26	4	22
VALSAD	Dharampur	Luheri	63	1360	1423	26	1	25
VALSAD	VAPI	Balitha (CT)	886	615	1501	26	15	11
VALSAD	Kaprada	Moti Palsan	408	3033	3441	26	3	23

* Researved villages to be used for sampling if any selected village in given district is not accessible, having logistic problem or any other issues

Abbreviations:

a :	District Name	f :	Cattle + Bullalo Population
b :	Block Name	g :	Number of units to Sample
c :	Village Name	h :	Buffalo Proportion
d :	Buffalo Population	i :	Cattle proportion
e :	Cattle Population		

FMD/SEROSUR/NIVEDI/Haryana12/2022**Stratified Random Sampling:**

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 200 + (Cattle + Buffalo) = 6113

Design Level Prevalence = 0.0681

Cluster Level Prevalence = 0.01362

Sensitivity of the test used = 0.90

Total No of Villages (Clusters) Selected = 187 (+9 Reserved Villages)

Total No of Animals to be Sampled = 7106

DISTRICT_NAME (a)	BLOCK_NAME (b)	VILLAGE_NAME (c)	Buffalo Population (d)	Cattle Population (e)	Cattle + Buffalo Population (f)	Number of units to sample (g)	Buffalo Proportion (h)	Cattle Proportion (i)
AMBALA	Naraingarh	Shakarpura (127)	212	66	278	36	27	9
AMBALA	Barara	Sohana (152)	256	91	347	36	27	9
AMBALA	Barara	Ponti (84)	257	127	384	36	24	12
AMBALA	Barara	Mehmudpur (71)	348	115	463	37	28	9
AMBALA	Naraingarh	Gharauli (54)	307	160	467	37	24	13
AMBALA	Naraingarh	Nagla (50)	443	86	529	37	31	6
AMBALA	Barara	Dhanaura (80)	542	207	749	37	27	10
AMBALA	Barara	Uplana (14)	572	244	816	37	26	11
AMBALA*	Barara	Mullana (139)	507	382	889	37	21	16
AMBALA	Barara	Dera Salaimpur (207)	674	393	1067	37	23	14
AMBALA	Barara	Dhin (143)	1237	156	1393	38	34	4
BHIWANI	Siwani	Jhumpa Khurd (119)	307	86	393	36	28	8
BHIWANI	Siwani	Dhulkot(127)	430	106	536	37	30	7
BHIWANI	Bawani Khera	Jamalpur II (40)	779	224	1003	37	29	8
BHIWANI	Tosham	Dariyapur (87)	722	291	1013	37	26	11
BHIWANI	Bhiwani	Nangal (114)	886	160	1046	37	31	6
BHIWANI	Loharu	Baralu(43)	1098	330	1428	38	29	9
BHIWANI	Loharu	Sidhanwa (4)	1163	358	1521	38	29	9
BHIWANI	Loharu	Alloudinpur(24)	1206	399	1605	38	29	9
BHIWANI	Bhiwani	Chang (5)	2371	809	3180	38	28	10
CHARKI DADRI	Dadri	Ramalwas(66)	528	164	692	37	28	9
CHARKI DADRI	Dadri	Changrod(179)	1059	124	1183	38	34	4
CHARKI DADRI	Dadri	Paintawas Kalan(110)	1036	215	1251	38	31	7
CHARKI DADRI	Dadri	Chiriya(175)	1813	73	1886	38	37	1
CHARKI DADRI	Dadri	Chhapar(98)	1950	604	2554	38	29	9
FARIDABAD	Faridabad	Ward No. 34	306	184	490	37	23	14
FARIDABAD	Ballabgarh	Sotai(73)	670	91	761	37	33	4
FARIDABAD	Ballabgarh	Nawada Tigaon(84)	1041	132	1173	38	34	4
FARIDABAD	Ballabgarh	Kurali(90)	919	337	1256	38	28	10
FARIDABAD*	Faridabad	Tikawali(141)	1147	464	1611	38	27	11
FATEHABAD	Fatehabad	Kani Kheri(75)	389	93	482	37	30	7
FATEHABAD	Tohana	Manghera(195)	403	166	569	37	26	11
FATEHABAD	Ratia	Pilchhian(175)	881	160	1041	37	31	6
FATEHABAD	Tohana	Baliawala(95)	1189	242	1431	38	32	6
FATEHABAD	Fatehabad	Dariyapur(39)	1057	389	1446	38	28	10
FATEHABAD	Tohana	Sadhanwas(213)	1107	422	1529	38	28	10
FATEHABAD	Tohana	Dhani Sanchla	1324	276	1600	38	31	7

FATEHABAD	Fatehabad	Lehrian(73)	1405	465	1870	38	29	9
FATEHABAD	Fatehabad	Khabra Kalan(9)	1292	816	2108	38	23	15
GURUGRAM	Manesar	Kukdola(155)	166	37	203	35	29	6
GURUGRAM	Farrukhnagar	Fakharpur(133)	277	81	358	36	28	8
GURUGRAM	Sohna	Bhondsi (168) (CT)	194	393	587	37	12	25
GURUGRAM	Sohna	Kadarpur(84)	403	274	677	37	22	15
GURUGRAM	Manesar	Baghanki(4)	612	110	722	37	31	6
GURUGRAM	Sohna	Kharoda (198)	582	238	820	37	26	11
GURUGRAM	Gurugram	Gurgaon (M Cl) - Ward No.3	91	1755	1846	38	2	36
GURUGRAM	Gurugram	Gurgaon (M Cl) - Ward No.12	2235	786	3021	38	28	10
HISAR	Narnaund	Narnaund (MC) - Ward No.9	224	57	281	36	29	7
HISAR	Narnaund	Narnaund (MC) - Ward No.10	101	747	848	37	4	33
HISAR	Hisar	Khokha(28)	940	289	1229	38	29	9
HISAR	Hansi	Dharam Kheri(65)	1248	369	1617	38	29	9
HISAR	Hansi	Kutabpur(115)	1292	478	1770	38	28	10
HISAR	Hansi	Bhaklana(94)	1721	350	2071	38	32	6
HISAR	Hisar	Saharwa(3)	1692	555	2247	38	29	9
HISAR*	Hisar	Chaudhriwas(18)	1700	737	2437	38	27	11
HISAR	Hisar	Madloda(74)	3075	879	3954	38	30	8
HISAR	Hansi	Sultanpur(138)	3590	390	3980	38	34	4
JHAJJAR	Matenhail	Bhalgarh	200	17	217	35	32	3
JHAJJAR	Bahadurgarh	Zardakpur(61)	411	150	561	37	27	10
JHAJJAR	Jhajjar	Khakhana(237)	731	165	896	37	30	7
JHAJJAR	Beri	Dhurana(131)	841	115	956	37	33	4
JHAJJAR	Matenhail	Sundrehti(157)	893	184	1077	37	31	6
JHAJJAR	Jhajjar	Surheti(233)	1077	196	1273	38	32	6
JHAJJAR	Bahadurgarh	Kulasi(30)	1038	291	1329	38	30	8
JHAJJAR	Beri	Mahmudpur Majra(122)	1409	246	1655	38	32	6
JIND	Safidon	Jaipur (24)	335	69	404	37	31	6
JIND	Narwana	Khapran (112)	861	224	1085	37	29	8
JIND	Safidon	Ramnagar (29)	1019	158	1177	38	33	5
JIND	Jind	Ramkali (48)	956	270	1226	38	30	8
JIND	Julana	Lajwana Khurd (41)	1077	200	1277	38	32	6
JIND*	Narwana	Dumarkha Kalan (119)	1500	316	1816	38	31	7
JIND	Safidon	Siwana Mal (17)	2063	338	2401	38	33	5
JIND	Narwana	Pipaltha (53)	1839	567	2406	38	29	9
JIND	Safidon	Didwara (64)	1722	762	2484	38	26	12
KAITHAL	Kalayat	Kalayat (MC) - Ward No.6	222	94	316	36	25	11
KAITHAL	Kaithal	KHURDA	349	132	481	37	27	10
KAITHAL	Fatehpur Pundri	Mohna (23)	674	236	910	37	27	10
KAITHAL	Guhla	Peedal (15)	1015	139	1154	38	33	5
KAITHAL	Kaithal	Hari Pura(11)	1172	275	1447	38	31	7
KAITHAL	Fatehpur Pundri	Dosain (20)	894	984	1878	38	18	20
KAITHAL	Kaithal	Nawach (63)	2100	450	2550	38	31	7
KAITHAL	Kaithal	Siwan (77)	1289	1771	3060	38	16	22
KAITHAL	Kaithal	Kailram (18)	2957	614	3571	38	31	7
KARNAL	Gharaunda	Shah Jahanpur (17)	203	75	278	36	26	10

KARNAL	Karnal	Karnal (M CI) - Ward No.19	247	158	405	37	23	14
KARNAL	Nilokheri	Bursham (7)	265	206	471	37	21	16
KARNAL	Nilokheri	Sambhi (52)	432	145	577	37	28	9
KARNAL	Nilokheri	Bhaini Khurd (81)	287	427	714	37	15	22
KARNAL*	Karnal	Karnal (M CI) - Ward No.6	540	249	789	37	25	12
KARNAL	Indri	Musapur (36)	533	325	858	37	23	14
KARNAL	Karnal	Katlaheri (59)	840	428	1268	38	25	13
KARNAL	Karnal	Kachhwa (11)	1137	1041	2178	38	20	18
KARNAL	Karnal	Bastali (32)	1429	752	2181	38	25	13
KARNAL	Gharaunda	Kohand (30)	2273	771	3044	38	28	10
KARNAL	Assandh	Chochran (42)	2233	996	3229	38	26	12
KURUKSHETRA	Pehowa	Jurasi Khurd (33)	201	66	267	36	27	9
KURUKSHETRA	Thanesar	Dhanora Jattan (59)	134	200	334	36	14	22
KURUKSHETRA	Thanesar	Daulatpur (366)	248	186	434	37	21	16
KURUKSHETRA	Pehowa	Lohar Majra (27)	324	180	504	37	24	13
KURUKSHETRA	Thanesar	Dhanani (134)	277	229	506	37	20	17
KURUKSHETRA	Shahbad	Landi (229)	359	229	588	37	23	14
KURUKSHETRA	Pehowa	Jurasi Kalan (32)	409	204	613	37	25	12
KURUKSHETRA	Thanesar	Morthala (107)	395	342	737	37	20	17
KURUKSHETRA	Thanesar	Dayal Pur (Part) (383)	545	229	774	37	26	11
KURUKSHETRA	Pehowa	Adhoya (4)	762	167	929	37	30	7
KURUKSHETRA	Thanesar	Mangoli Jattan (131)	557	532	1089	37	19	18
KURUKSHETRA*	Pehowa	Harigarh Bhorakh (17)	933	574	1507	38	24	14
MAHENDRAGARH	Narnaul	Khatoti Khurd(142)	246	83	329	36	27	9
MAHENDRAGARH	Narnaul	Chhapra Salimpur(182)	392	31	423	37	34	3
MAHENDRAGARH	Narnaul	Chhilro(283)	380	50	430	37	33	4
MAHENDRAGARH	Narnaul	Bigopur(268)	472	51	523	37	33	4
MAHENDRAGARH	Mahendragarh	Mohanpur(24)	417	153	570	37	27	10
MAHENDRAGARH	Narnaul	Tajipur(212)	568	62	630	37	33	4
MAHENDRAGARH	Mahendragarh	Dewas(79)	582	232	814	37	26	11
MAHENDRAGARH	Narnaul	Niyamatpur(233)	1000	106	1106	38	34	4
MAHENDRAGARH	Mahendragarh	Kherki(114)	452	883	1335	38	13	25
MAHENDRAGARH	Mahendragarh	Sihor(4)	1375	328	1703	38	31	7
MEWAT	Punahana	Bhuriyaki(212)	219	5	224	35	34	1
MEWAT	Ferozepur Jhirka	Karhada(5)	279	47	326	36	31	5
MEWAT	Punahana	Jharokari(239)	404	16	420	37	36	1
MEWAT	Ferozepur Jhirka	Patan Udaypuri (92)	512	13	525	37	36	1
MEWAT	Punahana	Badli(131)	526	24	550	37	35	2
MEWAT	Ferozepur Jhirka	Dhondal(159)	448	300	748	37	22	15
MEWAT	Taoru	Kota Khandewla(1)	616	312	928	37	25	12
MEWAT*	Ferozepur Jhirka	Rawa(107)	1420	93	1513	38	36	2
MEWAT	Punahana	Gulalta(201)	2085	86	2171	38	36	2
MEWAT	Punahana	Siroli(196)	2139	184	2323	38	35	3
PALWAL	Hodal	Maachhipura(115)	174	59	233	35	26	9
PALWAL	Hathin	Ghigraka(257)	342	20	362	36	34	2
PALWAL	Palwal	Chirawta(80)	469	212	681	37	25	12
PALWAL	Palwal	Paroli(7)	467	238	705	37	25	12

PALWAL	Palwal	Adupur(23)	650	69	719	37	33	4
PALWAL	Hodal	Siha(126)	1197	211	1408	38	32	6
PALWAL	Palwal	Aharwan(32)	1347	185	1532	38	33	5
PALWAL	Palwal	Pirthla(42)	1368	417	1785	38	29	9
PALWAL	Hathin	Gahlab (233)	1642	976	2618	38	24	14
PANCHKULA	Panchkula	Dandlawar (249)	279	94	373	36	27	9
PANCHKULA	Kalka	Kheranwali (130)	480	102	582	37	31	6
PANCHKULA	Panchkula	Samlehri (11)	465	131	596	37	29	8
PANCHKULA	Panchkula	Panchkula Urban Estate (EO) - Ward	1530	903	2433	38	24	14
PANCHKULA	Panchkula	Panchkula Urban Estate (EO) - Ward	3830	1648	5478	38	27	11
PANIPAT	Israna	Bhaupur (63)	537	135	672	37	30	7
PANIPAT	Samalkha	Biholi (66)	1194	403	1597	38	28	10
PANIPAT	Panipat	Bhandari (61)	1382	236	1618	38	32	6
PANIPAT	Panipat	Rair Kalan (29)	1175	709	1884	38	24	14
PANIPAT	Samalkha	Hathwala (82)	1271	1012	2283	38	21	17
REWARI	Rewari	Chowki No.1 (248)	184	46	230	35	28	7
REWARI	Rewari	Chandawas (117)	227	100	327	36	25	11
REWARI	Rewari	Balwari (33)	252	130	382	36	24	12
REWARI	Bawal	Ibrahimpur (50)	467	40	507	37	34	3
REWARI	Rewari	Bhandor (59)	409	104	513	37	29	8
REWARI	Bawal	Bidawas (56)	507	134	641	37	29	8
REWARI	Rewari	Mamaria Asampur (74)	443	856	1299	38	13	25
REWARI*	Rewari	Gurawra (245)	1276	426	1702	38	28	10
REWARI	Bawal	Bagthala (47)	856	847	1703	38	19	19
REWARI	Kosli	Kosli (172)	1101	780	1881	38	22	16
ROHTAK	Sampla	Nonond(43)	786	162	948	37	31	6
ROHTAK	Rohtak	Ballab(112)	932	144	1076	37	32	5
ROHTAK	Rohtak	Bakheta(51)	951	232	1183	38	31	7
ROHTAK	Maham	Bhaini Bharon(122)	1550	257	1807	38	33	5
ROHTAK	Maham	Kharkhra(104)	1532	326	1858	38	31	7
SIRSA	Rania	Santawali (124)	102	224	326	36	11	25
SIRSA	Sirsa	Ganja Rupana(14)	502	241	743	37	25	12
SIRSA	Dabwali	Munnawali(263)	385	440	825	37	17	20
SIRSA	Ellenabad	Karamsana(113)	484	678	1162	38	16	22
SIRSA	Sirsa	Phaggu(169)	1080	384	1464	38	28	10
SIRSA	Sirsa	Takhatmal(314)	963	695	1658	38	22	16
SIRSA	Sirsa	Baragudha(190)	1301	1046	2347	38	21	17
SIRSA	Sirsa	Rupawas(26)	1689	986	2675	38	24	14
SIRSA	Ellenabad	Poharkan(109)	1212	1884	3096	38	15	23
SIRSA	Rania	Sant Nagar	1113	2024	3137	38	13	25
SONIPAT	Kharkhoda	Khurampur(21R)	155	74	229	35	24	11
SONIPAT	Sonipat	Toki	414	116	530	37	29	8
SONIPAT	Ganaur	Bhanwar (136)	412	158	570	37	27	10
SONIPAT	Gohana	Riwara (70)	600	183	783	37	28	9
SONIPAT	Ganaur	Purkhas Dhiran (159)	698	259	957	37	27	10
SONIPAT	Gohana	Matand (24)	821	188	1009	37	30	7
SONIPAT	Kharkhoda	Saidpur (239)	613	781	1394	38	17	21

SONIPAT	Gohana	Jasrana (73)	1123	289	1412	38	30	8
SONIPAT	Sonipat	Banyapur (207) (CT)	1898	713	2611	38	28	10
SONIPAT	Ganaur	Ganaur (MC) - Ward No.6	104	2732	2836	38	1	37
YAMUNANAGAR	Jagadhri	Bure Ka Majra	101	154	255	36	14	22
YAMUNANAGAR	Bilaspur	Bijoli (45)	205	76	281	36	26	10
YAMUNANAGAR	Chhachhrauli	Darwa (78)	134	173	307	36	16	20
YAMUNANAGAR	Bilaspur	Pipliwala (41)	203	130	333	36	22	14
YAMUNANAGAR	Jagadhri	Palaka (198)	171	195	366	36	17	19
YAMUNANAGAR*	Bilaspur	Paharipur (145)	206	161	367	36	20	16
YAMUNANAGAR	Jagadhri	Rajpura (369)	246	125	371	36	24	12
YAMUNANAGAR	Chhachhrauli	Mandauli Gagar (103)	287	172	459	37	23	14
YAMUNANAGAR	Jagadhri	Barsan (3)	145	372	517	37	10	27
YAMUNANAGAR	Chhachhrauli	Nagal Patti Milk (5)	418	128	546	37	28	9
YAMUNANAGAR	Bilaspur	Sunder Bahadurpur (34)	467	180	647	37	27	10
YAMUNANAGAR	Bilaspur	Machhrauli (263)	366	291	657	37	21	16
YAMUNANAGAR	Jagadhri	Chhari (199)	493	446	939	37	19	18
YAMUNANAGAR	Yamunanagar	Yamunanagar (M Cl) - Ward No.19	647	363	1010	37	24	13
YAMUNANAGAR	Yamunanagar	Yamunanagar (M Cl) - Ward No.18	1111	784	1895	38	22	16

* Researved villages to be used for sampling if any selected village in given district is not accessible, having logistic problem or any other issues

Abbreviations:

a :	District Name	f :	Cattle + Bullalo Population
b :	Block Name	g :	Number of units to Sample
c :	Village Name	h :	Buffalo Proportion
d :	Buffalo Population	i :	Cattle proportion
e :	Cattle Population		

FMD/SEROSUR/NIVEDI/Himachal Pradesh13/2022**Stratified Random Sampling:**

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 200 + (Cattle + Buffalo) = 3219

Animal level Prevalence = 0.1923 (Based on 1st phase data)

Cluster Level Prevalence = 0.01923

Sensitivity of the test used = 0.90

Total No of Villages (Clusters) Selected = 172(+17 Reserved Villages)

Total No of Animals to be Sampled = 2408

DISTRICT_NAME (a)	BLOCK_NAME (b)	VILLAGE_NAME (c)	Buffalo Population (d)	Cattle Population (e)	Cattle + Buffalo Population (f)	Number of units to sample (g)	Buffalo Proportion (h)	Cattle Proportion (i)
Bilaspur	Jhanduta	Malhot (61)	173	65	238	13	9	4
Bilaspur	Bilaspur Sadar	Chandpur (165)	181	102	283	14	9	5
Bilaspur	Ghumarwin	Kasohal (382)	231	59	290	14	11	3
Bilaspur	Namhol	Suin (58)	118	198	316	14	5	9
Bilaspur	Naina Devi	Dagrahan (299)	222	123	345	14	9	5
Bilaspur	Jhanduta	Badgaon (212)	365	117	482	14	11	3
Bilaspur	Ghumarwin	Chhat (236)	569	99	668	14	12	2
Bilaspur	Jhanduta	Behran (121)	708	120	828	14	12	2
Bilaspur	Ghumarwin	Amarpur (457)	603	349	952	14	9	5
Chamba	Saluni	Digori (163)	16	192	208	13	1	12
Chamba	Chaurah	Bihun (281)	9	257	266	14	0	14
Chamba	Bhattiyat	Kuddi (185)	45	263	308	14	2	12
Chamba	Pangi	Seri (37)	0	382	382	14	0	14
Chamba	Chaurah	Garhphari (445)	0	423	423	14	0	14
Chamba	Chamba	Saronda (264)	0	431	431	14	0	14
Chamba	Chamba	Gharmani (170)	0	469	469	14	0	14
Chamba	Bhalai	Nadal (5)	56	417	473	14	2	12
Chamba	Chamba	Saloh (228)	117	411	528	14	3	11
Chamba	Pangi	Hundan Bhatori C47(18)	0	583	583	14	0	14
Chamba	Chamba	Kalor (150)	0	796	796	14	0	14
Chamba	Chaurah	Jhakla (488)	23	967	990	14	0	14
Hamirpur	Nadaun	Pansai (17/30)	165	37	202	13	11	2
Hamirpur	Bhoranj	Amroh (43/54)	173	32	205	13	11	2
Hamirpur	Barsar	Ghangot Kalan (33/36)	185	28	213	13	11	2
Hamirpur	Galore	Palasi (28/15)	188	28	216	13	11	2
Hamirpur	Dhatwal	Sathwin - Ii	206	15	221	13	12	1
Hamirpur	Dhatwal	Ghowri (34/36)	213	19	232	13	12	1
Hamirpur	Hamirpur	Pharnoal (39/2)	205	27	232	13	11	2
Hamirpur	Bhoranj	Mundkher Tulsi (42/111)	195	42	237	13	11	2
Hamirpur	Nadaun	Bharoli Bhagor (17/40)	122	138	260	14	7	7
Hamirpur	Tira Sujanpur	Jangal Khas (64/16)	195	91	286	14	10	4
Hamirpur	Nadaun	Khohr (18/18)	291	6	297	14	14	0
Hamirpur	Hamirpur	Anu Kalan (47/28)	175	129	304	14	8	6
Hamirpur	Hamirpur	Chammed (45/45)	259	58	317	14	11	3
Hamirpur	Nadaun	Kohla Khas (18/19)	322	3	325	14	14	0
Hamirpur	Barsar	Barsar (13/1)	293	52	345	14	12	2

Hamirpur	Nadaun	Hathol Khas (17/31)	338	23	361	14	13	1
Hamirpur	Bhoranj	Dhamrol (43/74)	331	51	382	14	12	2
Hamirpur	Hamirpur	Chauki Kankari (42/52)	354	45	399	14	12	2
Kangra	Jaisinghpur	Dhar Lahr Langha (438)	108	93	201	13	7	6
Kangra	Nurpur	Bhaleta (38)	14	189	203	13	1	12
Kangra	Shahpur	Kiari (101)	12	196	208	13	1	12
Kangra	Shahpur	Mahar-I (103)	31	185	216	13	2	11
Kangra	Dharmasala	Bagli (410)	20	205	225	13	1	12
Kangra	Bajjnath	Chogan (1031)	4	226	230	13	0	13
Kangra	Indora	Sajwan (74)	89	163	252	13	5	8
Kangra	Multhan	Bhujling (1089)	0	259	259	14	0	14
Kangra	Jawalamukhi	Luthan (317)	237	23	260	14	13	1
Kangra	Kangra	Rajiana Khas (796)	150	111	261	14	8	6
Kangra	Dera Gopipur	Beh (88)	125	143	268	14	7	7
Kangra	Dera Gopipur	Bara (153)	208	66	274	14	11	3
Kangra	Shahpur	Gorda (79)	12	264	276	14	1	13
Kangra	Dharmasala	Yol (CB)-Ward No.4	26	258	284	14	1	13
Kangra	Palampur	Bodhal (683)	80	208	288	14	4	10
Kangra	Palampur	Bari Khas (804)	0	293	293	14	0	14
Kangra	Dera Gopipur	Behi Ghamlehar (112)	202	103	305	14	9	5
Kangra	Jawali	Harnota Khas (96)	101	211	312	14	5	9
Kangra	Fatehpur	Sathana Khas (229)	82	239	321	14	4	10
Kangra	Indora	Paniala (35)	104	243	347	14	4	10
Kangra	Nurpur	Sujanta (216)	44	305	349	14	2	12
Kangra	Nurpur	Dev Bharari (88)	77	274	351	14	3	11
Kangra	Nurpur	Khajan (101)	73	284	357	14	3	11
Kangra	Jaswan	Reri (7)	94	266	360	14	4	10
Kangra	Dera Gopipur	Bhatoli Phakorian (454)	88	272	360	14	3	11
Kangra	Nurpur	Tunun (57)	242	126	368	14	9	5
Kangra	Dera Gopipur	Bangoli Nichli (456)	133	236	369	14	5	9
Kangra	Nurpur	Hegwal (12)	103	267	370	14	4	10
Kangra	Dera Gopipur	Ludret (464)	131	283	414	14	4	10
Kangra	Jawali	Bohrka (234)	39	426	465	14	1	13
Kangra	Shahpur	Kanol (15)	42	423	465	14	1	13
Kangra	Dharamshala	Dharmasala (M Cl) - Ward No.12	6	484	490	14	0	14
Kangra	Nurpur	Khani Jhikli (56)	85	409	494	14	2	12
Kangra	Indora	Malal (68)	458	128	586	14	11	3
Kangra	Indora	Chanaur (39)	198	398	596	14	5	9
Kangra	Khundian	Salihar (638)	448	166	614	14	10	4
Kangra	Jawali	Sidhpur Ghad (36)	240	603	843	14	4	10
Kangra	Fatehpur	Bahadpur (145)	699	161	860	14	11	3
Kangra	Indora	Ghandran (36)	554	474	1028	14	8	6
Kinnaur	Nichar	Urni Khas (100/1)	0	303	303	14	0	14
Kinnaur	Sangla	Batsari (43/1)	0	355	355	14	0	14
Kullu	Sainj	Chakurtha (1/2)	0	755	755	14	0	14
Kullu	Kullu	Bhallan-I (42/106)	92	1376	1468	14	1	13
Kullu	Ani	Manjha Desh (21/68)	0	2206	2206	14	0	14

Lahul And Spiti	Udaipur	Phura (1/32)	0	57	57	12	0	12
Mandi	Sarkaghat	Janjhel (306)	90	124	214	13	5	8
Mandi	Mandi	Pakhari (599)	16	200	216	13	1	12
Mandi	Sundarnagar	Nal (38)	128	101	229	13	7	6
Mandi	Chachyot	Dughal (58)	0	241	241	13	0	13
Mandi	Thunag	Surah (85)	0	254	254	13	0	13
Mandi	Karsog	Bagain (500)	0	261	261	14	0	14
Mandi	Mandi	Pipli (197)	39	223	262	14	2	12
Mandi	Karsog	D.P.F.Talehan (138)	0	273	273	14	0	14
Mandi	Chachyot	Burahta (37)	20	257	277	14	1	13
Mandi	Mandi	Suhara (410)	73	211	284	14	4	10
Mandi	Chachyot	Nandi (8)	0	289	289	14	0	14
Mandi	Jogindarnagar	Chalharg (318)	0	301	301	14	0	14
Mandi	Mandi	Kahra (392)	17	292	309	14	1	13
Mandi	Thunag	Haleen (454)	0	322	322	14	0	14
Mandi	Jogindarnagar	Dul (399)	47	284	331	14	2	12
Mandi	Thunag	Sharachi (532)	0	336	336	14	0	14
Mandi	Mandi	Dhar (130)	48	291	339	14	2	12
Mandi	Chachyot	Oiri (55)	0	341	341	14	0	14
Mandi *	Karsog	Manola (340)	0	358	358	14	0	14
Mandi	Padhar	Narla (584)	52	327	379	14	2	12
Mandi	Mandi	Dhaban (237)	46	342	388	14	2	12
Mandi	Aut	Kot Dhalyas (465)	0	397	397	14	0	14
Mandi	Jogindarnagar	Pasal (6)	2	412	414	14	0	14
Mandi	Padhar	Pundal (541)	106	328	434	14	3	11
Mandi	Nihri	Bahli (216)	0	473	473	14	0	14
Mandi	Nihri	Dhaniara (273)	14	465	479	14	0	14
Mandi	Karsog	Kandhi-lui (339)	2	491	493	14	0	14
Mandi	Karsog	Mehran (252)	0	556	556	14	0	14
Mandi	Mandi	Nasloh (370)	9	548	557	14	0	14
Mandi	Mandi	Janed (106)	94	519	613	14	2	12
Shimla	Rampur	Bhadrash (177/2)	67	135	202	13	4	9
Shimla	Chaupal	Shantha (44)	0	203	203	13	0	13
Shimla	Shimla (Rural)	Meheli (113)	11	201	212	13	1	12
Shimla	Junga	Satlai (198)	24	190	214	13	1	12
Shimla	Chaupal	Jorna (96)	0	221	221	13	0	13
Shimla	Chirgaon	Rohal (54)	0	224	224	13	0	13
Shimla*	Cheta	Ahnog (143)	0	228	228	13	0	13
Shimla	Shimla (Rural)	Bhatmana (44)	2	228	230	13	0	13
Shimla	Cheta	Up Muhal Gaonkhar Oaran	0	234	234	13	0	13
Shimla	Chirgaon	Gewas (145)	0	245	245	13	0	13
Shimla	Nerua	Up Mahal Gayan (148/1)	0	253	253	13	0	13
Shimla	Cheta	Up Muhal Bhalwan	0	265	265	14	0	14
Shimla	Theog	Podul (213)	8	266	274	14	0	14
Shimla	Junga	Koti (189)	7	269	276	14	0	14
Shimla	Cheta	Sanat (134)	0	289	289	14	0	14
Shimla	Nerua	Shawala (73)	0	294	294	14	0	14

Shimla	Cheta	Bhalu (135)	0	300	300	14	0	14
Shimla	Cheta	Tikar (147)	2	303	305	14	0	14
Shimla	Seoni	Sandoa (25)	0	314	314	14	0	14
Shimla	Junga	Lakhoti (177)	14	301	315	14	1	13
Shimla *	Rohru	Kotru (106)	0	317	317	14	0	14
Shimla	Nerua	Up Mahal Telar (165)	0	339	339	14	0	14
Shimla	Nerua	Up Mahal Bijmal (137/1)	0	342	342	14	0	14
Shimla	Tikar	Thana Bag (41)	0	343	343	14	0	14
Shimla	Cheta	Hira (148)	0	345	345	14	0	14
Shimla	Shimla (Rural)	Guma (262)	26	326	352	14	1	13
Shimla	Theog	Dharech (215)	0	383	383	14	0	14
Shimla	Seoni	Dharogra (16)	0	474	474	14	0	14
Shimla	Cheta	Jubbli (161)	0	490	490	14	0	14
Shimla	Tikar	Kuthari (5)	0	517	517	14	0	14
Sirmaur*	Pachhad	Anji Bhaganji (309)	13	225	238	13	1	12
Sirmaur	Nahan	Jhajar (4)	29	235	264	14	2	12
Sirmaur	Paonta Sahib	Madhara (70)	11	290	301	14	1	13
Sirmaur	Pachhad	Jahar (252)	31	351	382	14	1	13
Sirmaur	Pachhad	Bhailan (254)	36	385	421	14	1	13
Sirmaur	Rajgarh	Chhog Tali (96)	14	446	460	14	0	14
Sirmaur	Kamrau	Kamrou (24)	11	558	569	14	0	14
Sirmaur *	Shalai	Ashyari (220)	12	849	861	14	0	14
Sirmaur	Nahan	Kaulan Wala Bhud (128)	166	828	994	14	2	12
Sirmaur	Renuka	Ranphua Jabrog (150)	15	983	998	14	0	14
Solan	Baddi	Akanwali (181)	177	24	201	13	11	2
Solan	Solan	Gaddon (24)	12	197	209	13	1	12
Solan	Ramshahr	Charog (54)	169	54	223	13	10	3
Solan	Baddi	Kashambhowal Gujran (157)	136	93	229	13	8	5
Solan	Arki	Haripur (463)	17	219	236	13	1	12
Solan	Kandaghat	Chhaosha (66)	19	234	253	13	1	12
Solan	Arki	Buila (305)	23	231	254	13	1	12
Solan*	Baddi	Karuwana (197)	222	37	259	14	12	2
Solan	Nalagarh	Palli (64)	188	75	263	14	10	4
Solan	Arki	Batal (125)	1	272	273	14	0	14
Solan	Nalagarh	Goyal Jamala (77)	207	75	282	14	10	4
Solan	Nalagarh	Kaulanwala (52)	266	41	307	14	12	2
Solan	Nalagarh	Dhang Uperli (89)	221	94	315	14	10	4
Solan	Nalagarh	Nangal Dhakka (19)	274	56	330	14	12	2
Solan	Kandaghat	Wakna (275)	11	329	340	14	0	14
Solan	Kandaghat	Bisha (423)	12	331	343	14	0	14
Solan	Nalagarh	Mahandeo (68)	151	205	356	14	6	8
Solan	Krishangarh	Krishan Garh (463)	11	352	363	14	0	14
Solan	Baddi	Dhana(159)	350	66	416	14	12	2
Solan*	Nalagarh	Tikri (17)	371	68	439	14	12	2
Solan	Darlaghat	Kandhar (506)	25	449	474	14	1	13
Solan	Baddi	Manpura (164)	425	84	509	14	12	2
Solan	Nalagarh	Ghansot(135)	483	53	536	14	13	1

Solan	Nalagarh	Sanerh (84)	469	69	538	14	12	2
Solan	Nalagarh	Bhatian (86)	584	95	679	14	12	2
Solan	Baddi	Kishan Pura (163)	940	118	1058	14	12	2
Una	Bangana	Dhundla (8/16)	223	27	250	13	12	1
Una*	Amb	Jawehar (95)	155	123	278	14	8	6
Una	Haroli	Samnal (466)	278	84	362	14	11	3
Una	Amb	Marwari (2)	176	203	379	14	7	7
Una	Amb	Mawa Sindiyar Upperli (161)	207	183	390	14	7	7
Una	Una	Khanpur (226)	440	91	531	14	12	2
Una	Haroli	Bathu (475)	365	214	579	14	9	5
Una	Amb	Kuthera Jaswala Nichla (164)	430	236	666	14	9	5
Una	Una	Raipur Upperla (218)	485	275	760	14	9	5

* Researved villages to be used for sampling if any selected village in given district is not accessible, having logistic problem or any other issues

Abbreviations:

a :	District Name	f :	Cattle + Bullalo Population
b :	Block Name	g :	Number of units to Sample
c :	Village Name	h :	Buffalo Proportion
d :	Buffalo Population	i :	Cattle proportion
e :	Cattle Population		

FMD/SEROSUR/NIVEDI/Jammu And Kashmir14/2022**Stratified Random Sampling:**

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 100 + (Cattle + Buffalo) = 4880

Animal level Prevalence = 0.2103

Cluster Level Prevalence = 0.02103

Sensitivity of the test used = 0.90

Total No of Villages (Clusters) Selected = 157 (+17 Reserved Villages)

Total No of Animals to be Sampled = 2041

DISTRICT_NAME (a)	BLOCK_NAME (b)	VILLAGE_NAME (c)	Buffalo Population (d)	Cattle Population (e)	Cattle + Buffalo Population (f)	Number of units to sample (g)	Buffalo Proportion (h)	Cattle Proportion (i)
Anantnag	Kokernag	Hallan	20	229	249	12	1	11
Anantnag	Dooru	Oojru	0	256	256	12	0	12
Anantnag	Kokernag	ARTHAR	0	327	327	12	0	12
Anantnag	Anantnag	Anantnag (TC) - Ward No.1	0	414	414	13	0	13
Anantnag*	Bijbehara	Now Shehra	0	472	472	13	0	13
Anantnag	Pahalgam	Peth Nambal	0	479	479	13	0	13
Anantnag	Dooru	Panzat Wan Pora	0	595	595	13	0	13
Anantnag	Dooru	Yar Khushi Pora	0	859	859	13	0	13
Anantnag	Dooru	Kaprin	0	895	895	13	0	13
Anantnag	Pahalgam	Hardu Kithal Sofi Pora	0	1025	1025	13	0	13
Anantnag	Kokernag	Iqbal Pora(Kharatti)	4	1300	1304	13	0	13
Anantnag	Kokernag	Mati Handoo	30	1310	1340	13	0	13
Badgam	Beerwah Muncipal	Beerwah (MC) - Ward No.8	0	120	120	12	0	12
Badgam	Khansahib	CHECKMARG (PATI)	0	167	167	12	0	12
Badgam	Khansahib	Kule Hama	0	206	206	12	0	12
Badgam	Beerwah	KHATRUNAH	0	238	238	12	0	12
Badgam*	Charar- E Shrief	WAGNI DARWAN	0	319	319	12	0	12
Badgam	Budgam	Galwan Pora	0	353	353	12	0	12
Badgam	Beerwah	Dachan (Dasan)	0	356	356	12	0	12
Badgam	Beerwah	Pethkoot	0	379	379	12	0	12
Badgam	Chadoora	Dadom Pora	0	400	400	13	0	13
Badgam	Chadoora	Husi Pora	9	479	488	13	0	13
Badgam	Budgam	Jawal Pora	0	506	506	13	0	13
Badgam	Charar- E Shrief	Noor Abad (Hardu Dulwan Fatli Pora)	0	545	545	13	0	13
Badgam	Khag	Khag	0	696	696	13	0	13
Bandipora	Sonawari	Viji Pora	0	575	575	13	0	13
Bandipora	Bandipora	Aragam	23	586	609	13	0	13
Bandipora	Sonawari	Bahar Abad (Amcha Kundal)	0	871	871	13	0	13
Baramulla	Sopore	Sopore (TC) - Ward No.12	0	108	108	12	0	12
Baramulla*	Kreeri	Raj Pora Thandakasi	0	116	116	12	0	12
Baramulla	Sopore	Sopore (TC) - Ward No.1	0	149	149	12	0	12
Baramulla*	Pattan	Wanigam Bala	0	223	223	12	0	12
Baramulla	Rafiabad	Chatusa	0	232	232	12	0	12
Baramulla	Rafiabad	Kungrusa	0	252	252	12	0	12
Baramulla	Pattan	Aram Pora	0	260	260	12	0	12
Baramulla	Uri	Basgran	0	310	310	12	0	12
Baramulla	Sopore	Bohri Pora	0	342	342	12	0	12

Baramulla	Baramulla	Heewen	0	355	355	12	0	12
Baramulla	Rafiabad	Chij Hama	0	447	447	13	0	13
Baramulla	Sopore	Wadura	0	567	567	13	0	13
Baramulla	Pattan	Siri Wara Pora	0	775	775	13	0	13
Baramulla	Kreeri	Kachumuqam	0	785	785	13	0	13
Baramulla	Sopore	Tujar Pahle Har	0	791	791	13	0	13
Baramulla	Baramulla	Khai Tangan	0	1015	1015	13	0	13
Doda	Bhaderwah	Lanchan	0	118	118	12	0	12
Doda	Doda	Pankhar	0	193	193	12	0	12
Doda	Doda	Gangalwar	12	247	259	12	1	11
Doda	Bhaderwah	Nalthi	5	404	409	13	0	13
Doda	Gandoh	Batara	0	457	457	13	0	13
Doda*	Gandoh	Darai	13	444	457	13	0	13
Doda	Gandoh	Budhli	6	676	682	13	0	13
Doda	Doda	Sarak	85	731	816	13	1	12
Doda	Gandoh	Kilotran	73	1055	1128	13	1	12
Doda	Gandoh	Bhatyas	579	2467	3046	13	2	11
Ganderbal	Lar	Chanthan Gulab Pora	0	374	374	12	0	12
Ganderbal	Kangan	Khanan	0	678	678	13	0	13
Ganderbal	Kangan	Hayan Palpora	3	900	903	13	0	13
Jammu	Jammu Municipal	Jammu (Corporation) - Rattan Pur Gordiyal	69	54	123	12	7	5
Jammu	Jammu	Rattan Pur Gordiyal	38	126	164	12	3	9
Jammu	Jammu	Dhan	81	119	200	12	5	7
Jammu	Bishnah	Kuhal Khurd	124	92	216	12	7	5
Jammu	Ranbir Singh Pora	Diwan Garh	41	194	235	12	2	10
Jammu	Bishnah	Chak Keeman	94	160	254	12	4	8
Jammu	Jammu	Sukheter	120	176	296	12	5	7
Jammu	Jammu	Trilok Pur	75	308	383	12	2	10
Jammu	Akhnoor	Bandwal	123	267	390	12	4	8
Jammu	Akhnoor	Dahou Chak	131	272	403	13	4	9
Jammu*	Akhnoor	Barui	259	160	419	13	8	5
Jammu	Jammu	Nagrada	284	156	440	13	8	5
Jammu	Jammu	Dab Sudan	261	195	456	13	7	6
Jammu	Akhnoor	Dana	186	289	475	13	5	8
Jammu	Ranbir Singh Pora	Jasour	92	397	489	13	2	11
Jammu	Akhnoor	Gandharwan	260	295	555	13	6	7
Jammu	Ranbir Singh Pora	Magowali	153	475	628	13	3	10
Jammu	Jammu	Dhami	317	424	741	13	6	7
Jammu	Jammu	Kanalah	518	433	951	13	7	6
Jammu	Ranbir Singh Pora	Niharpur Simbal (Ct)	403	610	1013	13	5	8
Jammu	Jammu	Gajansu	377	672	1049	13	5	8
Jammu	Jammu	Jandyal	798	1191	1989	13	5	8
Kathua	Kathua	Dabwal	28	94	122	12	3	9
Kathua	Billawar	Harnotta	56	132	188	12	4	8
Kathua	Kathua	Chak Bhaga	73	156	229	12	4	8
Kathua*	Hiranagar	Bakhrak	241	138	379	12	8	4
Kathua	Kathua	Juthana	159	265	424	13	5	8

Kathua	Hiranagar	Katal Gujran	333	137	470	13	9	4
Kathua	Hiranagar	Chhan Khatriyan	167	412	579	13	4	9
Kathua	Billawar	Siyalna	67	833	900	13	1	12
Kathua	Billawar	Ucha Pind	206	821	1027	13	3	10
Kathua	Billawar	Parnala	28	1251	1279	13	0	13
Kathua	Kathua	Kathua (TC) - Ward No.12	827	507	1334	13	8	5
Kathua	Billawar	Kachhir	84	1600	1684	13	1	12
Kathua	Billawar	Galak	560	1478	2038	13	4	9
Kishtwar	Atholi (Paddar)	Massu	0	559	559	13	0	13
Kishtwar	Marwah	Chanjer	0	1676	1676	13	0	13
Kishtwar	Chhatroo	Chhatroo	340	4451	4791	13	1	12
Kulgam	Kulgam	Now Pora Chalend	0	153	153	12	0	12
Kulgam	Damhal Hanjipora	Chaki Samad Rather	0	200	200	12	0	12
Kulgam*	Kulgam	Sampora Derapora	0	255	255	12	0	12
Kulgam	Kulgam	Orail	1	366	367	12	0	12
Kulgam	Devsar	Nagress	19	369	388	12	1	11
Kulgam	Kulgam	Nani Bugh	0	432	432	13	0	13
Kulgam	Qaimoh	Srandoo	0	554	554	13	0	13
Kulgam	Qaimoh	Redwani Payeen	0	1102	1102	13	0	13
Kupwara	Kupwara	Daramwari	0	115	115	12	0	12
Kupwara	Handwara	Mawar	0	203	203	12	0	12
Kupwara	Karnah	Dhanni	108	159	267	12	5	7
Kupwara	Handwara	Krala Gund	0	351	351	12	0	12
Kupwara*	Karnah	Chani Pora Pain	0	418	418	13	0	13
Kupwara	Kupwara	Keran	0	473	473	13	0	13
Kupwara	Kupwara	Tung Check	0	570	570	13	0	13
Kupwara	Karnah	Ibkoote	7	570	577	13	0	13
Kupwara	Karnah	Tad	0	601	601	13	0	13
Kupwara	Kupwara	Guzriyal	0	734	734	13	0	13
Poonch	Mendhar	Chitral	345	30	375	12	11	1
Poonch	Mandi	Sathra	301	412	713	13	5	8
Poonch*	Mandi	Salunian	508	632	1140	13	6	7
Poonch	Haveli	Serikhawaja	1058	434	1492	13	9	4
Poonch	Mendhar	Bhati Dhar	2103	194	2297	13	12	1
Pulwama	Tral	Tral (NAC) WARD NO.-0011	0	138	138	12	0	12
Pulwama	Pampore	Pampore (NAC) - Ward No.8	0	163	163	12	0	12
Pulwama	Pulwama	Mira Gund Tukur Pora	0	194	194	12	0	12
Pulwama	Tral	Larkipora	0	241	241	12	0	12
Pulwama	Pulwama	Gudoora	0	303	303	12	0	12
Pulwama	Awantipora	Khalan Gund Mosa	0	357	357	12	0	12
Pulwama*	Tral	Pinglish B	0	364	364	12	0	12
Pulwama	Tral	Amira Abad (Khuli)	0	415	415	13	0	13
Pulwama	Pampore	Khani Bal	0	500	500	13	0	13
Pulwama	Pampore	Woyan	0	560	560	13	0	13
Rajauri	Darhal	Sagra Wat	147	65	212	12	8	4
Rajauri	Rajauri	Trala Jagir	178	108	286	12	7	5
Rajauri	Sunderbani	Mawa	155	140	295	12	6	6

Rajauri*	Kalakote	Chak Methani	173	405	578	13	4	9
Rajauri	Rajauri	Palam	480	181	661	13	9	4
Rajauri	Thanamandi	Shahdra	454	290	744	13	8	5
Rajauri	Nowshehra	Dharat	209	698	907	13	3	10
Rajauri	Nowshehra	Raj Pur Kamila	572	687	1259	13	6	7
Rajauri	Sunderbani	Sehot	273	1598	1871	13	2	11
Rajauri	Budhal	Gadyog	1922	1295	3217	13	8	5
Ramban*	Ramban	Daramen	217	860	1077	13	3	10
Ramban	Ramban	Raj Garh	134	1554	1688	13	1	12
Ramban	Ramban	Jawari	567	1920	2487	13	3	10
Reasi	Reasi	Hut	48	79	127	12	5	7
Reasi	Reasi	Garan	102	170	272	12	5	8
Reasi*	Gool - Arnas	Bandhar	196	252	448	13	6	7
Reasi	Gool - Arnas	Matlot	209	308	517	13	5	8
Reasi	Reasi	Marhi (Ct)	423	767	1190	13	5	8
Reasi	Gool - Arnas	Salal	287	950	1237	13	3	10
Reasi	Gool-Gulabgarh	Hassot	1016	703	1719	13	8	5
Samba	Samba	Tarapur	97	14	111	12	10	2
Samba	Samba	Nahran	20	185	205	12	1	11
Samba	Samba	Barri	100	144	244	12	5	7
Samba *	Samba	Jhalyari Kalan	77	202	279	12	3	9
Samba	Samba	Jasaath	30	286	316	12	1	11
Samba	Samba	Jhang	65	274	339	12	2	10
Samba	Samba	Kumi	110	280	390	12	3	9
Samba	Samba	Swankha	449	508	957	13	6	7
Samba	Samba	Kat Walta	435	989	1424	13	4	9
Shopian	Shopian	Chaki- Shamshi Pora	74	57	131	12	7	5
Shopian	Shopian	Tharan	0	200	200	12	0	12
Shopian*	Keller	Nara Pora	0	292	292	12	0	12
Shopian	Shopian	Reni Pora Khasi Pora	0	294	294	12	0	12
Shopian	Keller	Mast Pora	8	395	403	13	0	13
Shopian	Shopian	Reban Gund Bahram	0	480	480	13	0	13
Srinagar*	Srinagar	Srinagar (M.C) Ward No. 31	0	459	459	13	0	13
Srinagar	Srinagar (North)	TAILBAL	0	1367	1367	13	0	13
Udhampur	Udhampur	Sial Jattan	58	211	269	12	3	9
Udhampur	Udhampur	Neely Nallah	96	416	512	13	2	11
Udhampur	Chenani	Challyar	290	427	717	13	5	8
Udhampur	Udhampur	Balian	229	573	802	13	4	9
Udhampur	Udhampur	Sundla	291	801	1092	13	3	10
Udhampur	Udhampur	Gudhar	758	553	1311	13	8	5
Udhampur	Majalta	Bobay	839	979	1818	13	6	7
Udhampur	Ramnagar	Sear Manjla	933	1193	2126	13	6	7
Udhampur	Udhampur	Chulna	1461	2341	3802	13	5	8

* Researved villages to be used for sampling if any selected village in given district is not accessible, having logistic problem or any other issues

Abbreviations:

a :	District Name	d :	Buffalo Population	g :	Number of units to Sample
b :	Block Name	e :	Cattle Population	h :	Buffalo Proportion
c :	Village Name	f :	Cattle + Bullalo Population	i :	Cattle proportion

FMD/SEROSUR/NIVEDI/Jharkhand15/2022**Stratified Random Sampling:**

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 200 + (Cattle + Buffalo) = 10298

Design Level Prevalence = 0.1661

Cluster Level Prevalence = 0.03322

Sensitivity of the test used = 0.90

Total No of Villages (Clusters) Selected = 99 (+2 Reserved Villages)

Total No of Animals to be Sampled = 1584

DISTRICT_NAME (a)	BLOCK_NAME (b)	VILLAGE_NAME (c)	Buffalo Population (d)	Cattle Population (e)	Cattle + Buffalo Population (f)	Number of units to sample (g)	Buffalo Proportion (h)	Cattle Proportion (i)
Bokaro	Chandrapura	Bandio	24	1048	1072	16	0	16
Chatra	Kanha Chatti	Bagchuma	56	717	773	16	1	15
Chatra	Chatra	Tunrag	302	579	881	16	5	11
Chatra	Chatra	Dohuri	312	1136	1448	16	3	13
Deoghar	Karon	Dhaniyadihi	63	174	237	15	4	11
Deoghar	Mohanpur	Nawadih Baijnathpur	5	305	310	16	0	16
Deoghar	Sarath	Gajiadih	9	436	445	16	0	16
Deoghar	Margo Munda	Baijutanr	48	471	519	16	1	15
Deoghar	Sarath	Babhanganwan	9	609	618	16	0	16
Deoghar	DEOGHAR	VII Deoghar /01 Deoghar Nagar	105	615	720	16	2	14
Deoghar	Karon	Sonabank	262	486	748	16	6	10
Dhanbad	Purbi Tundi*	Bamanbaid	0	272	272	16	0	16
Dhanbad	Gobindpur	Chak Chirobad	0	415	415	16	0	16
Dhanbad	KARIASOL	Patlabari	11	448	459	16	0	16
Dhanbad	Purbi Tundi*	Kurkutanr	12	725	737	16	0	16
Dhanbad	Dhanbad	Dhanbad Municipal	649	1457	2106	16	5	11
Dumka	Ranishwar	Putka	0	253	253	15	0	15
Dumka	Shikaripara	Lata Kandar	0	281	281	16	0	16
Dumka	Ramgarh	Koam	15	352	367	16	1	15
Dumka	Jarmundi	Jhunghi	0	372	372	16	0	16
Dumka*	Jama	Murkatari	34	463	497	16	1	15
Dumka	Jarmundi	Barmasa	262	496	758	16	6	10
Dumka	Jama	Udalkhap	28	820	848	16	1	15
Dumka	Dumka	Harinakuri	340	3727	4067	16	1	15
East Singhbhum	Baharagora	Nagdaha	2	213	215	15	0	15
East Singhbhum	Gurbandha	Gurabanda	16	304	320	16	1	15
East Singhbhum	Boram	Chamidih	4	345	349	16	0	16
East Singhbhum	Boram	Bangoi	20	334	354	16	1	15
East Singhbhum	Ghatshila	Jarisa	30	366	396	16	1	15
East Singhbhum	Baharagora	Chingra	0	674	674	16	0	16
East Singhbhum	Baharagora	Nagursai	0	693	693	16	0	16
East Singhbhum	Potka	Chhota Hariyan	353	793	1146	16	5	11
Garhwa	Kharaundhi	Lami Alias Sarahia	170	1057	1227	16	2	14
Garhwa	Nagaruntari	Kumbh Khurd	57	1389	1446	16	1	15
Garhwa	Dandai	Bardari Alias Jarhi	91	3969	4060	16	0	16
Giridih	Pirtanr	Kabriabera	13	256	269	16	1	15
Giridih	Dhanwar	Lalbazar	175	195	370	16	8	8

Giridih	Pirtanr	Ghatadih	0	523	523	16	0	16
Giridih	Sariya	Ghuthia Pesra	137	389	526	16	4	12
Giridih	Deori	Tapsidih	68	472	540	16	2	14
Giridih	Giridih	Akdoni Khurd (Ct)	112	1150	1262	16	1	15
Giridih	Dumri	Atki	26	2122	2148	16	0	16
Giridih	Sariya	Barki Sariya	158	2286	2444	16	1	15
Godda	Mahagama	Kitapathar	23	242	265	16	1	15
Godda	Sundarpahari	Sagar	168	193	361	16	7	9
Godda	Poreyhat	Baghmara Purabtola	0	669	669	16	0	16
Godda	Pathargama	Mal Nistara	79	680	759	16	2	14
Godda	Meherma	Bajitpur	156	971	1127	16	2	14
Godda	Godda	Nonbatta	1017	4436	5453	16	3	13
Gumla	Sisai	Chegri	264	611	875	16	5	11
Gumla	Ghaghra	Nauni	231	673	904	16	4	12
Gumla	Ghaghra	Kuhipat	280	1708	1988	16	2	14
Hazaribagh	Katkamsandi	Sarugaru Kalan	41	401	442	16	1	15
Hazaribagh	Ichak	Kariadpur	11	580	591	16	0	16
Hazaribagh	Chalkusa	Maskedih	24	747	771	16	0	16
Hazaribagh	Barkagaon	Chepa Khurd	89	845	934	16	2	14
Hazaribagh	Barkatha	Jhurjhuri	356	1645	2001	16	3	13
Jamtara	Fatehpur	Char Kadah	6	474	480	16	0	16
Jamtara	Nala	Sagjuriya	45	836	881	16	1	15
Jamtara	Nala	Punasia	159	928	1087	16	2	14
Khunti	Khunti	Khunti (NA) - Ward No.19	139	290	429	16	5	11
Khunti	Torpa	Botlo	0	702	702	16	0	16
Koderma	Jainagar	Panreadih	28	353	381	16	1	15
Koderma	Chandwara	Thambh	69	1480	1549	16	1	15
Latchar	Latchar	Baritu Jagir	34	513	547	16	1	15
Latchar	Balumath	Dhadhu	69	877	946	16	1	15
Lohardaga	Kairo	Gitilgarh	78	463	541	16	2	14
Lohardaga	Kairo	Sarhawe	161	532	693	16	4	12
Pakur	Maheshpur	Kumhribil	0	695	695	16	0	16
Pakur	Hiranpur	Sivlidanga	7	854	861	16	0	16
Pakur	Litipara	Chhota Chetro	5	1072	1077	16	0	16
Palamu	Chhatarpur	Chaukhara Bandhudih	125	134	259	15	7	8
Palamu	Patan	Juimaran Pathra	78	276	354	16	4	12
Palamu	Mohammad Ganj	Kolhua Sonbarsa	148	411	559	16	4	12
Palamu	Patan	Patan	0	627	627	16	0	16
Palamu	Chainpur	Kankari	177	953	1130	16	3	13
Palamu	Medininagar(Daltonganj)	Rerma (Ct)	356	883	1239	16	5	11
Ramgarh	Dulmi	Usra	306	229	535	16	9	7
Ramgarh	Mandu	Pundi	115	1211	1326	16	1	15
Ranchi*	Ormanjhi	Sildiri	139	250	389	16	6	10
Ranchi	Lapung	Burhni	12	491	503	16	0	16
Ranchi	Ormanjhi	Ichadag	147	541	688	16	3	13
Ranchi	Bero	Sero	21	929	950	16	0	16
Ranchi	Burmu	Binja	0	989	989	16	0	16

Sahebganj	Mandro	Banskodi	17	367	384	16	1	15
Sahebganj	SAHIBGANJ	Sahibganj (M) - Ward No.18	149	255	404	16	6	10
Sahebganj	Taljhari	Jaskuti	169	287	456	16	6	10
Sahebganj	Taljhari	Dudhkol	0	706	706	16	0	16
Sahebganj	Taljhari	Bhairobandh	0	1014	1014	16	0	16
Saraikela Kharsawan	Nimdih	Ketunga	18	371	389	16	1	15
Saraikela Kharsawan	Ichagarh	Atargram	152	466	618	16	4	12
Saraikela Kharsawan	Chandil	Rasunia	164	1027	1191	16	2	14
Simdega	Kolebira	Taisera	76	965	1041	16	1	15
Simdega	Jaldega	Konmerla	19	1748	1767	16	0	16
West Singhbhum	Tantnagar	Kendeguta	0	209	209	15	0	15
West Singhbhum	Goilkeria	Goelkeria	96	188	284	16	5	11
West Singhbhum	Noamundi	Katikora	23	354	377	16	1	15
West Singhbhum	Noamundi	Bera Kundrijor	39	349	388	16	2	14
West Singhbhum	Khuntpani	Bainka	47	489	536	16	1	15
West Singhbhum	Jhinkpani	Ichapur	0	585	585	16	0	16
West Singhbhum	Majhgaon	Kesna	0	603	603	16	0	16

* Researved villages to be used for sampling if any selected village in given district is not accessible, having logistic problem or any other issues

Abbreviations:

a :	District Name	f :	Cattle + Bullalo Population
b :	Block Name	g :	Number of units to Sample
c :	Village Name	h :	Buffalo Proportion
d :	Buffalo Population	i :	Cattle proportion
e :	Cattle Population		

FMD/SEROSUR/NIVEDI/Karnataka16/2022**Stratified Random Sampling:**

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 200 + (Cattle + Buffalo) = 12121

Animal level Prevalence = 0.2072

Cluster Level Prevalence = 0.02072

Sensitivity of the test used = 0.90

Total No of Villages (Clusters) Selected = 160(+25 Reserved Villages)

Total No of Animals to be Sampled = 2080

DISTRICT_NAME (a)	BLOCK_NAME (b)	VILLAGE_NAME (c)	Buffalo Population (d)	Cattle Population (e)	Cattle + Buffalo Population (f)	Number of units to sample (g)	Buffalo Proportion (h)	Cattle Proportion (i)
Bagalkot	Hungund	Katagur	190	152	342	13	7	6
Bagalkot	Badami	Chirlakoppa	185	343	528	13	5	8
Bagalkot *	Bagalkot	Siraguppi	244	360	604	13	5	8
Bagalkot	Bagalkot	Honnakatti	743	518	1261	13	8	5
Bagalkot	Jamkhandi	Todalbagi	1223	999	2222	13	7	6
Bangalore Rural	Dod Ballapur	Kanasavadi	6	199	205	13	0	13
Bangalore Rural *	Nelamangala	Mavinakunte	0	238	238	13	0	13
Bangalore Rural	Devanahalli	Cheemachanahalli	60	220	280	13	3	10
Bangalore Rural	Devanahalli	Thylagere	102	230	332	13	4	9
Bangalore Rural	Dod Ballapur	Kudihalli (D)	41	341	382	13	1	12
Bangalore Rural	Devanahalli	Yaleyr	82	877	959	13	1	12
Belgaum	Khanapur	Gharli	0	259	259	13	0	13
Belgaum *	Gokak	Kesappanatti	215	175	390	13	7	6
Belgaum	Hukeri	Handigud	327	130	457	13	9	4
Belgaum	Belgaum	Navage	470	168	638	13	10	3
Belgaum	AINAPUR	Ainapur-Ward No.16	478	161	639	13	10	3
Belgaum	Belgaum	S Halagimardi	464	236	700	13	9	4
Belgaum	Khanapur	Parishwad	745	319	1064	13	9	4
Belgaum	Raybag	Hubbarwadi	454	867	1321	13	4	9
Belgaum	Chikodi	Nainglaj	1079	339	1418	13	10	3
Belgaum	Ramdurg	Chunchanur	1007	1410	2417	13	5	8
Belgaum	Athni	Siddewadi	1807	872	2679	13	9	4
Belgaum	Athni	Shirahatti	2364	1119	3483	13	9	4
Bellary	Kudligi	Yerralinganahalli	27	254	281	13	1	12
Bellary	Bellary	Pattanasaragu	259	118	377	13	9	4
Bellary	Ballari	Bellary (CMC) - Ward No.29	296	214	510	13	8	5
Bellary	Hagaribommanahalli	Narayanadevarakeri	189	418	607	13	4	9
Bellary	Hagaribommanahalli	Gaddikeri	153	636	789	13	3	10
Bellary	Kudligi	Gudekota	240	677	917	13	3	10
Bellary *	Sandur	Yeswanthanagar	306	868	1174	13	3	10
Bengaluru Urban	Bangalore North	Hunachur	20	201	221	13	1	12
Bengaluru Urban	Bangalore North	Koluvarayanahalli	0	244	244	13	0	13
Bengaluru Urban	Bangalore North	Bangalore (M Corp.) - Ward No.42	20	361	381	13	1	12
Bengaluru Urban	Bangalore North	Huttanahalli	148	240	388	13	5	8
Bengaluru Urban *	Bangalore East	Bangalore (M Corp.) -Ward No.86	105	439	544	13	3	10
Bengaluru Urban	Bangalore East	Bangalore (M Corp.) -Ward No.149	6	1354	1360	13	0	13

Bidar	Aurad	Maharajwadi	166	153	319	13	7	6
Bidar	Homnabad	Chowki Thanda	0	426	426	13	0	13
Bidar *	Bhalki	Halsilakmadevi	107	357	464	13	3	10
Bidar	Bhalki	Saigaon	180	530	710	13	3	10
Bidar	Homnabad	Hankuni	478	455	933	13	7	6
Bijapur	Basavana Bagevadi	Sankanali	98	232	330	13	4	9
Bijapur *	Bijapur	Hokkundi	313	343	656	13	6	7
Bijapur	Bijapur	Tonsyal	404	431	835	13	6	7
Bijapur	Indi	Masali[B.K.]	353	814	1167	13	4	9
Bijapur	Basavana Bagevadi	Kolhar (Old)	1805	1569	3374	13	7	6
Chamarajanagar	Kollegal	Chilakavadi	11	198	209	13	1	12
Chamarajanagar	Kollegal	Baanooru	1	340	341	13	0	13
Chamarajanagar	Gundlupet	Kodahalli	0	392	392	13	0	13
Chamarajanagar	Gundlupet	Vaddana Hosahalli	0	404	404	13	0	13
Chamarajanagar *	Gundlupet	Bheemanabeedu	0	1318	1318	13	0	13
Chamarajanagar	Kollegal	P.G.Palya	41	1522	1563	13	0	13
Chikballapur	Sidlaghatta	Thaduru	31	172	203	13	2	11
Chikballapur	Bagepalli	Chakkampalli	24	243	267	13	1	12
Chikballapur	Gudibanda	Beechaganahalli	35	249	284	13	2	11
Chikballapur	Sidlaghatta	Handiganala	16	293	309	13	1	12
Chikballapur *	Gauribidanur	Kamaganahally	36	285	321	13	1	12
Chikballapur	Chintamani	Devapalli	8	363	371	13	0	13
Chikballapur	Sidlaghatta	Belluti	48	332	380	13	2	11
Chikballapur	Bagepalli	Nallappareddipalli	0	388	388	13	0	13
Chikballapur	Bagepalli	Pathapalya	29	469	498	13	1	12
Chikmagalur	Chikmagalur	Gungarahalli	6	244	250	13	0	13
Chikmagalur	Tarikere	Mudugodu	39	304	343	13	1	12
Chikmagalur *	Chikmagalur	Lakkamanahalli	17	415	432	13	1	12
Chikmagalur	Kadur	Niduvalli	42	398	440	13	1	12
Chikmagalur	Chikmagalur	Aradavalli	34	704	738	13	1	12
Chikmagalur	Narasimharajapura	Muthinakoppa	58	1058	1116	13	1	12
Chitradurga	Holalkere	Vanakemradi Kaval	104	160	264	13	5	8
Chitradurga	Hiriyur	Khandikere	89	216	305	13	4	9
Chitradurga	Molakalmuru	Katanaikanahalli	152	285	437	13	5	8
Chitradurga *	Chitradurga	Godabanahal	46	482	528	13	1	12
Chitradurga	Challakere	Chitranayakanahalli	49	620	669	13	1	12
Chitradurga	Hosdurga	Kangavalli	202	614	816	13	3	10
Dakshin Kannad	Mangalore	Kolambe (Ct)	0	506	506	13	0	13
Dakshin Kannad	Beltangadi	Melanthabettu	102	661	763	13	2	11
Dakshin Kannad	Bantval	Sajipamuda	0	823	823	13	0	13
Dakshin Kannad	Beltangadi	Andinje	2	1013	1015	13	0	13
Dakshin Kannad *	Bantval	Biliyur	5	1067	1072	13	0	13
Davanangere	Jagalur	Ujjappavaderahalli	139	394	533	13	3	10
Davanangere	Jagalur	Chikkammanahatti	315	334	649	13	6	7
Davanangere	Davanagere	Kaidale	57	623	680	13	1	12
Davanangere *	Harapanahalli	Hagari Gudihalli	581	853	1434	13	5	8
Davanangere	Harapanahalli	Chatnihalli	513	1060	1573	13	4	9

Dharwad	Kalghatgi	Lingankoppa	81	454	535	13	2	11
Dharwad	Dharwad	Benachi	366	808	1174	13	4	9
Gadag *	Ron	Gulagundi	186	413	599	13	4	9
Gadag	Mundargi	Shingatalur	163	607	770	13	3	10
Gulbarga	Jevargi	Raddewadgi	6	257	263	13	0	13
Gulbarga	Chitapur	Kadaboar	2	438	440	13	0	13
Gulbarga	Sedam	Devnoor	12	436	448	13	0	13
Gulbarga	Gulbarga	Kawalga (B)	14	607	621	13	0	13
Gulbarga *	Jevargi	Ravnoor	12	864	876	13	0	13
Gulbarga	Gulbarga	Mahagaon	142	874	1016	13	2	11
Gulbarga	Chincholi	Salebeernhalli	199	1456	1655	13	2	11
Hassan	Channarayapatna	Thuppada Halli	149	94	243	13	8	5
Hassan	Channarayapatna	Beechagondanahalli	137	190	327	13	5	8
Hassan	Alur	Karigodanahalli	1	327	328	13	0	13
Hassan	Belur	Utpatanahalli	19	406	425	13	1	12
Hassan	Channarayapatna	Jambur	154	302	456	13	4	9
Hassan	Arsikere	Jogenahalli	30	454	484	13	1	12
Hassan	Belur	Veeradevanahalli	0	587	587	13	0	13
Hassan*	Channarayapatna	S. Hosahalli	267	323	590	13	6	7
Hassan	Arkalgud	Haradoor	161	489	650	13	3	10
Hassan	Arsikere	Shashivala	5	728	733	13	0	13
Haveri	Haveri	Machapur	133	208	341	13	5	8
Haveri	Byadgi	Badamalli	59	554	613	13	1	12
Haveri	Hirekerur	Holabikonda	26	611	637	13	1	12
Haveri *	Hirekerur	Yattinahalli-M-K0D	61	766	827	13	1	12
Haveri	Ranibennur	Hirebidari	705	628	1333	13	7	6
Kodagu	Somvarpet	Mudravalli	44	292	336	13	2	11
Kodagu	Virajpet	Dhanugala	3	527	530	13	0	13
Kolar	Bangarapet	Bodagurki	0	211	211	13	0	13
Kolar	Kolar	Somambudi Agrahara	53	182	235	13	3	10
Kolar	Kolar	Doddavallabi	51	208	259	13	3	10
Kolar	Malur	Nagondahalli	19	249	268	13	1	12
Kolar	Bangarapet	Kyasamballi	0	306	306	13	0	13
Kolar	Malur	Chikkanaikanahalli	36	319	355	13	1	12
Kolar	Kolar	Belamarnahalli	93	290	383	13	3	10
Kolar *	Mulbagal	Alangur	2	394	396	13	0	13
Kolar	Mulbagal	Yalachepalli	4	833	837	13	0	13
Koppal	Koppal	Hasgal	106	359	465	13	3	10
Koppal	Kushtagi	Hirebannigol	73	704	777	13	1	12
Koppal	Koppal	Gondbal	349	862	1211	13	4	9
Mandya	Malavalli	Basavanpura	53	166	219	13	3	10
Mandya	Krishnarajpet	Hodakeshettahally	131	212	343	13	5	8
Mandya	Krishnarajpet	Doddanakatte	95	288	383	13	3	10
Mandya *	Maddur	D. Malligere	109	323	432	13	3	10
Mandya	Krishnarajpet	Doddagadiganahalli	135	389	524	13	3	10
Mandya	Krishnarajpet	Annechakanahalli	295	366	661	13	6	7
Mandya	Malavalli	Ragibommanahalli	117	845	962	13	2	11

Mandya	Malavalli	Appugowdana Halli	227	739	966	13	3	10
Mysore	Mysuru	Mysore (M Corp.) - Ward No.24	0	281	281	13	0	13
Mysore	Tirumakudal - Narsipur	Chimili	79	301	380	13	3	10
Mysore	Krishnarajanagara	Adaganahalli	17	447	464	13	0	13
Mysore	Hunsur	Uyyigowdanahalli	0	538	538	13	0	13
Mysore	Piriyapatna	Handitavalli	72	491	563	13	2	11
Mysore *	Mysore	Kallurunaganahalli	13	644	657	13	0	13
Mysore	Piriyapatna	Channakalkaval	1	674	675	13	0	13
Mysore	Nanjangud	Kugalur	0	765	765	13	0	13
Raichur	Raichur	Meerapur	12	201	213	13	1	12
Raichur	Raichur	Jegarkal	26	317	343	13	1	12
Raichur	Lingsugur	Yaradona	99	394	493	13	3	10
Raichur	Lingsugur	Pai Doddi	94	465	559	13	2	11
Raichur	Lingsugur	Sante-Kellur	75	657	732	13	1	12
Raichur	Lingsugur	Amdihall	262	706	968	13	4	9
Raichur *	Sindhur	Butaldinni	1437	390	1827	13	10	3
Ramanagara	Magadi	Gejjagaraguppe	56	312	368	13	2	11
Ramanagara	Kanakapura	H.Kothanur	28	384	412	13	1	12
Ramanagara	Magadi	Secegekuppe	120	292	412	13	4	9
Ramanagara	Kanakapura	Goduru	7	775	782	13	0	13
Ramanagara	Magadi	Kudur (Ct)	12	777	789	13	0	13
Shimoga	Shimoga	Thavare Koppa	37	225	262	13	2	11
Shimoga	Shimoga	Chinna Mane	12	316	328	13	0	13
Shimoga	Tirthahalli	Kuluru	49	284	333	13	2	11
Shimoga	Bhadravati	Kagekodamagge	26	410	436	13	1	12
Shimoga	Hosanagara	Kattinahole	32	408	440	13	1	12
Shimoga	Sorab	Bidharageri	107	431	538	13	3	10
Shimoga	Hosanagara	Hebbige	24	642	666	13	0	13
Shimoga *	Hosanagara	Kanabandur	87	590	677	13	2	11
Shimoga	Shikaripura	Baluru	103	743	846	13	2	11
Shimoga	Bhadravati	Donabaghatta	142	820	962	13	2	11
Tumkur	Chiknayakanhalli	Makuvalli	12	228	240	13	1	12
Tumkur	Tiptur	Jabaghatta	116	163	279	13	5	8
Tumkur	Kunigal	Pavasandra	147	136	283	13	7	6
Tumkur	Kunigal	Hithalapura	202	152	354	13	7	6
Tumkur *	Pavagada	Kyathaganacherlu	200	217	417	13	6	7
Tumkur	Tiptur	Rajathadripura	147	275	422	13	5	8
Tumkur	Gubbi	Idagoor	163	284	447	13	5	8
Tumkur	Pavagada	Gummagatta	284	208	492	13	8	5
Tumkur	Chiknayakanhalli	Koragere	148	455	603	13	3	10
Tumkur	Sira	Kallambella	368	513	881	13	5	8
Udupi *	Kundapura	Kavradu	1	1016	1017	13	0	13
Udupi	Karkal	Nadpalu	15	2041	2056	13	0	13
Uttar Kannad	Sirsi	Melin Onikeri	34	186	220	13	2	11
Uttar Kannad	Sirsi	Kantraji	124	214	338	13	5	8
Uttar Kannad	Haliyal	Mundwad	90	349	439	13	3	10
Uttar Kannad	Siddapur	Heggekoppa	126	316	442	13	4	9

Uttar Kannad *	Honavar	Melinamudkani	52	442	494	13	1	12
Uttar Kannad	Yellapur	Kolikeri	342	523	865	13	5	8
Uttar Kannad	Sirsi	Hebre	94	780	874	13	1	12
Uttar Kannad	Siddapur	Manmane	265	629	894	13	4	9
Uttar Kannad	Siddapur	Husur	398	539	937	13	6	7
Yadgir	Shorapur	Heggandoddi	132	529	661	13	3	10
Yadgir	Shahpur	Vibutihalli	363	855	1218	13	4	9
Yadgir	Shahpur	Mudbole	418	1088	1506	13	4	9

* Researved villages to be used for sampling if any selected village in given district is not accessible, having logistic problem or any other issues

Abbreviations:

a : District Name **f :** Cattle + Bullalo Population
b : Block Name **g :** Number of units to Sample
c : Village Name **h :** Buffalo Proportion
d : Buffalo Population **i :** Cattle proportion
e : Cattle Population

FMD/SEROSUR/NIVEDI/Kerala/2022**Stratified Random Sampling:**

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 100 + (Cattle + Buffalo) = 4168

Design Level Prevalence = 0.2108

Cluster Level Prevalence = 0.02108

Sensitivity of the test used = 0.90

Total No of Villages (Clusters) Selected = 157

Total No of Animals to be Sampled = 1875 (Restricted)

DISTRICT_NAME (a)	BLOCK_NAME (b)	VILLAGE_NAME (c)	Buffalo Population (d)	Cattle Population (e)	Cattle + Buffalo Population (f)	Number of units to sample (g)	Buffalo Proportion (h)	Cattle Proportion (i)
Alappuzha	Cherthala	Chennam Pallippuram(GP)WardNo.13	4	116	120	12	0	12
Alappuzha	Mavelikkara	Chennithala Thriperumthura(GP)WardNo.7	5	117	122	12	0	12
Alappuzha	Cherthala	Thanneermukkam(GP)WardNo.8	1	133	134	12	0	12
Alappuzha	Cherthala	Kanjikkuzhi(GP)WardNo.16	0	137	137	12	0	12
Alappuzha	Cherthala	CherthalaSouth(GP)WardNo.9	3	139	142	12	0	12
Alappuzha	Mavelikkara	Mavelikkara Thekkekara(GP)WardNo.15	20	123	143	12	2	10
Alappuzha	Chengannur	Mannar(GP)WardNo.10	9	154	163	12	1	11
Alappuzha	Mavelikkara	Mavelikkara Thekkekara(GP)WardNo.12	8	156	164	12	1	11
Alappuzha	Mavelikkara	Bharanikkavu(GP)WardNo.15	11	171	182	12	1	11
Alappuzha	Chengannur	Budhannoor(GP)WardNo.1	39	153	192	12	2	10
Alappuzha	Karthikappally	Karuvatta(GP)WardNo.14	58	139	197	12	4	8
Alappuzha	Mavelikkara	Vallikunnam(GP)WardNo.5	9	243	252	12	0	12
Ernakulam	Kunnathunad	Vengoor(GP)WardNo.11	2	103	105	12	0	12
Ernakulam	Aluva	Sreemolnagaram(GP)WardNo.9	19	95	114	12	2	10
Ernakulam	Kothamangalam	Kuttampuzha(GP)WardNo.9	34	81	115	12	4	8
Ernakulam	Muvattupuzha	Arakuzha(GP)WardNo.6	10	115	125	12	1	11
Ernakulam	Kothamangalam	Kuttampuzha(GP)WardNo.16	26	107	133	12	2	10
Ernakulam	Kunnathunad	Mazhuvannoor(GP)WardNo.15	0	139	139	12	0	12
Ernakulam	Kunnathunad	Thiruvaniyoor(GP)WardNo.10	0	145	145	12	0	12
Ernakulam	Aluva	Malayattoor Neeleswaram(GP)WardNo.2	14	137	151	12	1	11
Ernakulam	Kothamangalam	Nellikuzhi(GP)WardNo.21	10	144	154	12	1	11
Ernakulam	Kunnathunad	Rayamangalam(GP)WardNo.6	3	154	157	12	0	12
Ernakulam	Kothamangalam	Paingottur(GP)WardNo.3	9	180	189	12	1	11
Ernakulam	Kothamangalam	Paingottur(GP)WardNo.12	22	180	202	12	1	11
Ernakulam	Kunnathunad	Asamannoor(GP)WardNo.1	3	228	231	12	0	12
Ernakulam	Kunnathunad	Asamannoor(GP)WardNo.7	14	226	240	12	1	11
Ernakulam	Kunnathunad	Vengola(GP)WardNo.4	8	235	243	12	0	12
Ernakulam	Kothamangalam	Kuttampuzha(GP)WardNo.12	12	240	252	12	1	11
Ernakulam	Aluva	Ayyampuzha(GP)WardNo.1	0	348	348	12	0	12
Idukki	Idukki	Kanchiyar(GP)WardNo.9	4	111	115	12	0	12
Idukki	Thodupuzha	Udumbannur(GP)WardNo.2	17	144	161	12	1	11
Idukki	Peerumade	Elappara(GP)WardNo.1	0	168	168	12	0	12
Idukki	Udumbanchola	Erattayar(GP)WardNo.11	10	176	186	12	1	11
Idukki	Devikulam	Adimali(GP)WardNo.6	6	211	217	12	0	12
Idukki	Thodupuzha	Kumaramangalam(GP)WardNo.4	0	232	232	12	0	12
Idukki	Devikulam	Adimali(GP)WardNo.18	32	270	302	12	1	11
Idukki	Thodupuzha	Vannapuram(GP)WardNo.3	34	327	361	12	1	11

Kannur	Iritty	Ayyankunnu(GP)WardNo.2	6	102	108	12	1	11
Kannur	Iritty	Aralam(GP)WardNo.7	6	111	117	12	1	11
Kannur	Taliparamba	Payyavoor(GP)WardNo.5	0	139	139	12	0	12
Kannur	Taliparamba	Kankol Alapadamba(GP)WardNo.14	2	146	148	12	0	12
Kannur	Taliparamba	Cherupuzha(GP)WardNo.1	4	157	161	12	0	12
Kannur	Taliparamba	Naduvil(GP)WardNo.13	2	165	167	12	0	12
Kannur	Taliparamba	Naduvil(GP)WardNo.18	3	197	200	12	0	12
Kannur	Taliparamba	Naduvil(GP)WardNo.10	3	199	202	12	0	12
Kannur	Taliparamba	Naduvil(GP)WardNo.4	0	223	223	12	0	12
Kannur	Taliparamba	Karivellur- Peralam(GP)WardNo.12	0	273	273	12	0	12
Kasaragod	Manjeswaram	Enmakaje(GP)WardNo.3	0	120	120	12	0	12
Kasaragod	Hosdurg	Pullur-Peria(GP)WardNo.16	0	121	121	12	0	12
Kasaragod	Hosdurg	Thrikkaripur(GP)WardNo.8	5	149	154	12	0	12
Kasaragod	Kasaragod	Kuttikkol(GP)WardNo.2	3	173	176	12	0	12
Kasaragod	Kasaragod	Kuttikkol(GP)WardNo.13	0	224	224	12	0	12
Kasaragod	Kasaragod	Badiyadukka(GP)WardNo.1	0	237	237	12	0	12
Kasaragod	Kasaragod	Delembady(GP)WardNo.11	6	276	282	12	0	12
Kollam	Punalur	Eroor(GP)WardNo.17	3	98	101	12	0	12
Kollam	Kollam	Thrikkovilvattom(GP)WardNo.13	11	113	124	12	1	11
Kollam	Kottarakkara	Velinalloor(GP)WardNo.2	3	122	125	12	0	12
Kollam	Kunnathur	Kunnathur(GP)WardNo.7	4	128	132	12	0	12
Kollam	Punalur	Anchal(GP)WardNo.6	1	137	138	12	0	12
Kollam	Kunnathur	Poruvazhy(GP)WardNo.18	32	108	140	12	3	9
Kollam	Karunagappally	Kulasekharapuram(GP)WardNo.2	15	130	145	12	1	11
Kollam	Kottarakkara	Pavithreswaram(GP)WardNo.18	1	157	158	12	0	12
Kollam	Kunnathur	SooranadNorth(GP)WardNo.8	25	141	166	12	2	10
Kollam	Kunnathur	SooranadNorth(GP)WardNo.17	13	156	169	12	1	11
Kollam	Kunnathur	SooranadNorth(GP)WardNo.5	27	144	171	12	2	10
Kollam	Karunagappally	Panmana(GP)WardNo.8	28	170	198	12	2	10
Kottayam	Meenachil	Bharananganam(GP)WardNo.4	6	99	105	12	1	11
Kottayam	Kanjirappally	Chirakkadavu(GP)WardNo.2	5	105	110	12	1	11
Kottayam	Kanjirappally	Chirakkadavu(GP)WardNo.14	0	112	112	12	0	12
Kottayam	Changanassery	Madappally(GP)WardNo.4	12	113	125	12	1	11
Kottayam	Meenachil	Kidangoor(GP)WardNo.8	0	127	127	12	0	12
Kottayam	Changanassery	Madappally(GP)WardNo.17	6	136	142	12	1	11
Kottayam	Changanassery	Vellavoor(GP)WardNo.2	8	140	148	12	1	11
Kottayam	Vaikom	Njezhoor(GP)WardNo.7	6	157	163	12	0	12
Kottayam	Meenachil	Marangattupilly(GP)WardNo.2	3	167	170	12	0	12
Kottayam	Meenachil	Ramapuram(GP)WardNo.1	9	206	215	12	1	11
Kozhikode	Koyilandi	Arikkulam(GP)WardNo.3	5	103	108	12	1	11
Kozhikode	Vatakara	Puramery(GP)WardNo.5	0	112	112	12	0	12
Kozhikode	Vatakara	Naripetta(GP)WardNo.3	4	122	126	12	0	12
Kozhikode	Koyilandi	Koothali(GP)WardNo.7	4	126	130	12	0	12
Kozhikode	Koyilandi	Koorachundu(GP)WardNo.3	7	127	134	12	1	11
Kozhikode	Vatakara	Ayancheri(GP)WardNo.12	4	130	134	12	0	12
Kozhikode	Vatakara	Valayam(GP)WardNo.2	2	134	136	12	0	12
Kozhikode	Vatakara	Kavilumpara(GP)WardNo.7	19	149	168	12	1	11

Kozhikode	Vatakara	Chekkiyad(GP)WardNo.3	0	175	175	12	0	12
Kozhikode	Vatakara	Velam(GP)WardNo.10	4	211	215	12	0	12
Kozhikode	Vatakara	Kavilumpara(GP)WardNo.8	22	225	247	12	1	11
Kozhikode	Thamarassery	Puthuppady(GP)WardNo.11	4	285	289	12	0	12
Malappuram	Tirurangadi	Kannamangalam(GP)WardNo.2	29	75	104	12	3	9
Malappuram	Perinthalmanna	Angadippuram(GP)WardNo.16	12	98	110	12	1	11
Malappuram	Ernad	Pandikkad(GP)WardNo.11	15	96	111	12	2	10
Malappuram	Tirur	Kalpakancheri(GP)WardNo.15	17	96	113	12	2	10
Malappuram	Nilambur	Pothukallu(GP)WardNo.16	17	104	121	12	2	10
Malappuram	Tirur	Marakkara(GP)WardNo.3	17	107	124	12	2	10
Malappuram	Ernad	Pandikkad(GP)WardNo.15	5	120	125	12	0	12
Malappuram	Tirurangadi	Vallikkunnu(GP)WardNo.5	19	111	130	12	2	10
Malappuram	Nilambur	Chaliyar(GP)WardNo.2	7	141	148	12	1	11
Malappuram	Nilambur	Moothedam(GP)WardNo.2	35	115	150	12	3	9
Malappuram	Tirur	Marakkara(GP)WardNo.6	11	162	173	12	1	11
Malappuram	Nilambur	Vazhikkadavu(GP)WardNo.16	28	149	177	12	2	10
Malappuram	Ernad	Pandikkad(GP)WardNo.8	31	160	191	12	2	10
Malappuram	Nilambur	Wandoor(GP)WardNo.4	0	192	192	12	0	12
Malappuram	Perinthalmanna	Puzhakkattiri(GP)WardNo.9	22	174	196	12	1	11
Malappuram	Nilambur	Chaliyar(GP)WardNo.1	2	206	208	12	0	12
Malappuram	Perinthalmanna	Moorkkanad(GP)WardNo.15	4	1215	1219	13	0	13
Palakkad	Alathur	Kuthannur(GP)WardNo.16	31	72	103	12	4	8
Palakkad	Alathur	Kizhakkancheri(GP)WardNo.22	4	119	123	12	0	12
Palakkad	Mannarkad	Kumaramputhur(GP)WardNo.2	5	123	128	12	0	12
Palakkad	Ottappalam	Sreekrishnapuram(GP)WardNo.10	2	149	151	12	0	12
Palakkad	Palakkad	Keralassery(GP)WardNo.11	4	158	162	12	0	12
Palakkad	Chittur	Perumatty(GP)WardNo.1	18	157	175	12	1	11
Palakkad	Alathur	Kuthannur(GP)WardNo.11	32	149	181	12	2	10
Palakkad	Chittur	Kozhinjampara(GP)WardNo.7	0	183	183	12	0	12
Palakkad	Alathur	Peringottukurissi(GP)WardNo.13	9	207	216	12	1	12
Palakkad	Chittur	Nemmara(GP)WardNo.14	12	233	245	12	1	11
Palakkad	Chittur	Perumatty(GP)WardNo.14	0	253	253	12	0	12
Palakkad	Chittur	Vadakarapathy(GP)WardNo.5	0	266	266	12	0	12
Palakkad	Palakkad	Pudussery(GP)WardNo.11	31	358	389	12	1	11
Palakkad	Alathur	Kizhakkancheri(GP)WardNo.10	8	420	428	12	0	12
Palakkad	Mannarkad	Pudur(GP)WardNo.3	0	566	566	13	0	13
Pathanamthitta	Konni	Aruvappulam(GP)WardNo.5	4	103	107	12	0	12
Pathanamthitta	Mallappally	Kunnamthanam(GP)WardNo.12	15	101	116	12	2	10
Pathanamthitta	Ranni	Vadasserikkara(GP)WardNo.9	20	106	126	12	2	10
Pathanamthitta	Konni	Kalanjoor(GP)WardNo.2	0	135	135	12	0	12
Pathanamthitta	Mallappally	Kottanad(GP)WardNo.3	4	136	140	12	0	12
Pathanamthitta	Adoor	PandalamThekkekkara(GP)WardNo.4	6	153	159	12	0	12
Pathanamthitta	Adoor	Enadimangalam(GP)WardNo.4	2	159	161	12	0	12
Pathanamthitta	Mallappally	Kottangal(GP)WardNo.4	6	161	167	12	0	12
Thiruvananthapuram	Chirayinkeezhu	Azhoor(GP)WardNo.17	7	95	102	12	1	11
Thiruvananthapuram	Kattakkada	Velland(GP)WardNo.13	4	117	121	12	0	12
Thiruvananthapuram	Chirayinkeezhu	Chirayinkeezh(GP)WardNo.9	18	111	129	12	2	10

Thiruvananthapuram	Neyyattinkara	Kanjiramkulam(GP)WardNo.6	8	127	135	12	1	11
Thiruvananthapuram	Varkala	Karavaram(GP)WardNo.5	6	134	140	12	1	11
Thiruvananthapuram	Neyyattinkara	Karode(GP)WardNo.11	6	139	145	12	0	12
Thiruvananthapuram	Neyyattinkara	Athiyannur(GP)WardNo.13	0	155	155	12	0	12
Thiruvananthapuram	Kattakkada	Malayinkeezhu(GP)WardNo.13	1	160	161	12	0	12
Thiruvananthapuram	Thiruvananthapuram	Kadinamkulam(GP)WardNo.3	6	157	163	12	0	12
Thiruvananthapuram	Neyyattinkara	Poovar(GP)WardNo.1	2	171	173	12	0	12
Thiruvananthapuram	Neyyattinkara	Kollayil(GP)WardNo.4	14	162	176	12	1	11
Thiruvananthapuram	Kattakkada	Poovachal(GP)WardNo.13	7	189	196	12	0	12
Thrissur	Chalakkudy	Kodassery(GP)WardNo.10	12	96	108	12	1	11
Thrissur	Chalakkudy	Aloor(GP)WardNo.19	28	96	124	12	3	9
Thrissur	Kodungallur	Edathiruthy(GP)WardNo.18	22	108	130	12	2	10
Thrissur	Chalakkudy	Annamanada(GP)WardNo.13	34	99	133	12	3	9
Thrissur	Chalakkudy	Varandarappilly(GP)WardNo.19	10	126	136	12	1	11
Thrissur	Chalakkudy	Kodassery(GP)WardNo.11	36	109	145	12	3	9
Thrissur	Chalakkudy	Mattathur(GP)WardNo.1	46	102	148	12	4	8
Thrissur	Thrissur	Madakkathara(GP)WardNo.6	12	151	163	12	1	11
Thrissur	Talappilly	Panjali(GP)WardNo.15	2	172	174	12	0	12
Thrissur	Kodungallur	Sreenarayanapuram(GP)WardNo.2	41	133	174	12	3	9
Thrissur	Talappilly	Chelakkara(GP)WardNo.9	8	171	179	12	1	11
Thrissur	Kodungallur	Sreenarayanapuram(GP)WardNo.17	71	143	214	12	4	8
Thrissur	Chalakkudy	Varandarappilly(GP)WardNo.6	3	293	296	12	0	12
Wayanad	Sulthanbathery	Meenangady(GP)WardNo.5	14	250	264	12	1	11
Wayanad	Mananthavady	Panamaram(GP)WardNo.7	27	343	370	12	1	11
Wayanad	Sulthanbathery	Noolpuzha(GP)WardNo.8	102	579	681	13	2	11

Abbreviations:

a :	District Name	f :	Cattle + Bullalo Population
b :	Block Name	g :	Number of units to Sample
c :	Village Name	h :	Buffalo Proportion
d :	Buffalo Population	i :	Cattle proportion
e :	Cattle Population		

FMD/SEROSUR/NIVEDI/Ladakh39/2022**Stratified Random Sampling:**

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 1 + (Cattle + Buffalo) = 163

Design Level Prevalence = 0.18

Cluster Level Prevalence = 0.054

Sensitivity of the test used = 0.90

Total No of Villages (Clusters) Selected = 61

Total No of Animals to be Sampled = 832 (Restricted)

DISTRICT_NAME (a)	BLOCK_NAME (b)	VILLAGE_NAME (c)	Buffalo Population (d)	Cattle Population (e)	Cattle + Buffalo Population (f)	Number of units to sample (g)	Buffalo Proportion (h)	Cattle Proportion (i)
Kargil	Zaskar	Kargyak	0	33	33	12	0	12
Kargil	Kargil	Lankhore	0	56	56	13	0	13
Kargil	Sankoo	Gyaling	0	85	85	14	0	14
Kargil	Shanker Chiktan	Lochum	0	102	102	14	0	14
Kargil	Kargil	Batambis	0	127	127	14	0	14
Kargil	Kargil	Lalung	0	147	147	14	0	14
Kargil	Kargil	Barchey	0	159	159	14	0	14
Kargil	Kargil	Chulichan	0	165	165	14	0	14
Kargil	Sankoo	Barto	0	183	183	14	0	14
Kargil	Sankoo	Kargi	0	191	191	14	0	14
Kargil	Shanker Chiktan	Phoo	0	196	196	14	0	14
Kargil	Shanker Chiktan	Samrah	0	203	203	14	0	14
Kargil	Kargil	Goma Kargil	0	244	244	14	0	14
Kargil	DRASS	Pandras	0	286	286	14	0	14
Kargil	DRASS	Murad Bagh	0	288	288	14	0	14
Kargil	Shanker Chiktan	Bodhkharbu	0	290	290	14	0	14
Kargil	Sankoo	Stakpa	0	314	314	14	0	14
Kargil	DRASS	Holiyal	0	326	326	14	0	14
Kargil	Sankoo	Sangra	0	431	431	15	0	15
Kargil	DRASS	Kharbu	0	440	440	15	0	15
Kargil	Kargil	Silmo	0	440	440	15	0	15
Kargil	Sankoo	Farona	0	463	463	15	0	15
Kargil	Kargil	Baroo	0	470	470	15	0	15
Kargil	Shanker Chiktan	Shakar	0	530	530	15	0	15
Kargil	Zaskar	Salapi Ruruk	0	612	612	15	0	15
Kargil	DRASS	Goshan	0	692	692	15	0	15
Kargil	Zaskar	Selapigai Pak	0	696	696	15	0	15
Kargil	Kargil	Choskore	0	713	713	15	0	15
Kargil	Zaskar	Upti Pipiting	0	1538	1538	15	0	15
Leh Ladakh	Khalsi	Dipling	0	8	8	8	0	8
Leh Ladakh	Leh	Leh (NAC) - Ward No.7	0	15	15	10	0	10
Leh Ladakh	Leh	Meroo	0	83	83	14	0	14
Leh Ladakh	Leh	Kerey	0	132	132	14	0	14
Leh Ladakh	Leh	Taroo	0	133	133	14	0	14
Leh Ladakh	Nubra	Tangyar	0	137	137	14	0	14
Leh Ladakh	Nubra	Hundar Dok	0	140	140	14	0	14
Leh Ladakh	Leh	Karzok	0	140	140	14	0	14

Leh Ladakh	Leh	Mood	0	149	149	14	0	14
Leh Ladakh	Leh	Tarchit	0	150	150	14	0	14
Leh Ladakh	Leh	Phuktse	0	167	167	14	0	14
Leh Ladakh	Khalsi	Giramangu	0	176	176	14	0	14
Leh Ladakh	Leh	Leh (NAC) - Ward No.3	0	192	192	14	0	14
Leh Ladakh	Khalsi	Dah	0	201	201	14	0	14
Leh Ladakh	Leh	Kumgyam	0	203	203	14	0	14
Leh Ladakh	Leh	Chumathang	0	221	221	14	0	14
Leh Ladakh	Leh	Leh (NAC) - Ward No.6	0	254	254	14	0	14
Leh Ladakh	Nubra	Taksi	0	261	261	14	0	14
Leh Ladakh	Leh	Chuglamsar (Ct)	0	294	294	14	0	14
Leh Ladakh	Leh	Tagste	0	332	332	14	0	14
Leh Ladakh	Leh	Nyoma	0	337	337	14	0	14
Leh Ladakh	Leh	Ney	0	388	388	14	0	14
Leh Ladakh	Nubra	Sumoor	0	449	449	15	0	15
Leh Ladakh	Nubra	Khardong	0	455	455	15	0	15
Leh Ladakh	Khalsi	Hanoo	0	466	466	15	0	15
Leh Ladakh	Khalsi	Tia	0	493	493	15	0	15
Leh Ladakh	Leh	Saboo	0	562	562	15	0	15
Leh Ladakh	Leh	Chushul	0	567	567	15	0	15
Leh Ladakh	Leh	Igoo	0	619	619	15	0	15
Leh Ladakh	Nubra	Kubed	0	881	881	15	0	15

Abbreviations:

a :	District Name	f :	Cattle + Bullalo Population
b :	Block Name	g :	Number of units to Sample
c :	Village Name	h :	Buffalo Proportion
d :	Buffalo Population	i :	Cattle proportion
e :	Cattle Population		

FMD/SEROSUR/NIVEDI/Lakshadweep18/2022

Stratified Random Sampling:

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 1 + (Cattle + Buffalo) = 10

Design Level Prevalence = 0.50

Cluster Level Prevalence = 0.4

Sensitivity of the test used = 0.6

Total No of Villages (Clusters) Selected =7

Total No of Animals to be Sampled = 52 (Restricted)

DISTRICT_NAME	BLOCK_NAME	VILLAGE_NAME	Buffalo Population	Cattle Population	Cattle + Buffalo Population	Number of units to sample	Buffalo Proportion	Cattle Proportion
Lakshadweep District	Minicoy	Minicoy (Ct)	0	128	128	13	0	13
Lakshadweep District	Kalpeni	Kalpeni (Ct)	0	443	443	13	0	13
Lakshadweep District	Agatti	Agatti	0	445	445	13	0	13
Lakshadweep District	Andrott	Andrott (Ct)	0	603	603	13	0	13

FMD/SEROSUR/NIVEDI/Madhya Pradesh19/2022**Stratified Random Sampling:**

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 200 + (Cattle + Buffalo) = 24836

Animal level Prevalence = 0.1830

Cluster Level Prevalence = 0.01830

Sensitivity of the test used = 0.90

Total No of Villages (Clusters) Selected = 181 (+21 Reserved Villages)

Total No of Animals to be Sampled = 2534

DISTRICT_NAME (a)	BLOCK_NAME (b)	VILLAGE_NAME (c)	Buffalo Population (d)	Cattle Population (e)	Cattle + Buffalo Population (f)	Number of units to sample (g)	Buffalo Proportion (h)	Cattle Proportion (i)
AGAR MALWA	Susner	Dehriya Soyat	481	400	881	14	8	6
ALIRAJPUR	Alirajpur	Gahwan	100	852	952	14	1	13
ALIRAJPUR	Jobat	Kundalwasa	268	784	1052	14	4	10
ANUPPUR	Pushparajgarh	Katurdona	53	661	714	14	1	13
ANUPPUR*	Jaithari	Papraudi	256	863	1119	14	3	11
ASHOKNAGAR	Isagarh	Pakon	207	270	477	14	6	8
ASHOKNAGAR	Ashoknagar	Kariya Rai	441	376	817	14	8	6
ASHOKNAGAR	piprai	Pandri Seharai	454	656	1110	14	6	8
BALAGHAT	Balaghat	Oda	42	333	375	14	2	12
BALAGHAT	Waraseoni	Ramrama	37	599	636	14	1	13
BALAGHAT*	Tirodi	Digdha	165	624	789	14	3	11
BALAGHAT	Baihar	Kaniya	269	812	1081	14	3	11
BALAGHAT	Lalbarra	Beharai	308	811	1119	14	4	10
BARWANI	Barwani	Kanjakuwa	116	545	661	14	2	12
BARWANI	Anjad	Koyadiya	553	1219	1772	14	4	10
BARWANI	Thikri	Hataula	664	1330	1994	14	5	9
BETUL	Chicholi	Balhai Ryt	50	175	225	14	3	11
BETUL	Bhainsdehi	Ghogama	63	312	375	14	2	12
BETUL	Shahpur	Sonadeh	74	593	667	14	2	12
BETUL*	Ghoda Dongri	Banjari Dhal Ryt	75	682	757	14	1	13
BETUL	Shahpur	Pawarjhandra	630	741	1371	14	6	8
BETUL	Shahpur	Kesiya	281	1520	1801	14	2	12
BHIND	Ater	Bindwa (Ater)	269	88	357	14	11	3
BHIND	Gohad	Dangchhekuri	328	221	549	14	8	6
BHIND	Lahar	Jakholi	429	126	555	14	11	3
BHIND	Mehgaon	Parghana	616	137	753	14	11	3
BHIND*	Bhind	Bajhai	915	332	1247	14	10	4
BHOPAL	Berasia	Barri Mustsil Bagraji	266	360	626	14	6	8
BHOPAL	Bhopal	Bhopal (M Corp.) - Ward No.82	379	494	873	14	6	8
BURHANPUR	Neapanagar	Chhotisukta	97	662	759	14	2	12
BURHANPUR	Burhanpur	Jainabad	719	498	1217	14	8	6
CHHATARPUR*	Bada Malhera	Sarguwan	275	125	400	14	10	4
CHHATARPUR	Laundi	Muderi Uttari	243	317	560	14	6	8
CHHATARPUR	Bijawar	Koden	165	439	604	14	4	10
CHHATARPUR	Khajuraho	Khajuraho (NP) - Ward No.1	838	248	1086	14	11	3
CHHATARPUR	Ghuwara	Kutura	1492	629	2121	14	10	4
CHHINDWARA	Bichhua	Bichhua (NP) Ward No. 4	42	172	214	14	3	11

CHHINDWARA	Umreth	Mania Khapa	37	348	385	14	1	13
CHHINDWARA	Chaurai	Amaboh	48	396	444	14	2	12
CHHINDWARA	Chhindwara	Chhindwara (M) Ward No. 10	77	368	445	14	2	12
CHHINDWARA	Harrai	Padhar Bhata	60	472	532	14	2	12
CHHINDWARA	Bichhua	Sanwari No.2	67	654	721	14	1	13
CHHINDWARA	Jamai	Rakhi Kol	8	992	1000	14	0	14
CHHINDWARA	Harrai	Batkakhapa	97	1017	1114	14	1	13
CHHINDWARA	Pandhurna	Hiwarasenadwar	50	1616	1666	14	0	14
DAMOH	Hatta	Kanaktala	65	308	373	14	2	12
DAMOH	Patera	Nagmadi	49	466	515	14	1	13
DAMOH *	Tendukheda	Dudhiya Ryt No.1	282	381	663	14	6	8
DAMOH	Hatta	Adanwara	112	636	748	14	2	12
DAMOH	Batiyagarh	Bamhori Lidai	545	835	1380	14	6	8
DATIA	Seondha	Seondha (NP) - Ward No.3	465	350	815	14	8	6
DATIA	Indergarh	Seguwan	2054	716	2770	14	10	4
DEWAS	Sonkatch	Sikkhedhi	190	186	376	14	7	7
DEWAS*	Sonkatch	Bhalaikhurd	277	231	508	14	8	6
DEWAS	Satwas	Naraynapura	192	500	692	14	4	10
DEWAS	Sonkatch	Garhkhajuriya	350	510	860	14	6	8
DEWAS	Udainagar	Kandya	243	645	888	14	4	10
DHAR	Pithampur	Pithampur (NP) - Ward No.5	93	139	232	14	6	8
DHAR	Sardarpur	Paduni Khurd	64	419	483	14	2	12
DHAR	Manawar	Kuradkhal	232	330	562	14	6	8
DHAR	Manawar	Bajattakhurd	202	364	566	14	5	9
DHAR*	Dahi	Balwani	194	899	1093	14	2	12
DHAR	Dhar	Bijoor	387	1040	1427	14	4	10
DINDORI	BAJAG	Singar Satti Ryt.	33	692	725	14	1	13
DINDORI	Dindori	Kachnari Ryt.	36	761	797	14	1	13
DINDORI	Dindori	Ghanaghat Mal.	218	872	1090	14	3	11
EAST NIMAR	Khalwa	Chikatalai	91	618	709	14	2	12
EAST NIMAR	Khalwa	Dhama	81	1054	1135	14	1	13
EAST NIMAR	Harsud	Selda Mal	390	853	1243	14	4	10
GUNA*	Aron	Sungayai	163	171	334	14	7	7
GUNA	Maksoodangarh	Todra	409	235	644	14	9	5
GUNA	Guna	Sanwada	271	555	826	14	5	9
GUNA	Kumbhraj	Bhumla Khedi	558	846	1404	14	6	8
GUNA	Bamori	Vaneh	724	920	1644	14	6	8
GWALIOR	Gird	Dangguthina	651	112	763	14	12	2
GWALIOR	Pichhore	Sukha Patha	630	327	957	14	9	5
HARDA	Handiya	Jamliuwari	208	409	617	14	5	9
HARDA	Harda	Kukrawad	348	479	827	14	6	8
HOSHANGABAD	Seoni-Malwa	Bhamedi Deo	160	292	452	14	5	9
HOSHANGABAD	Seoni-Malwa	Dhekna	103	635	738	14	2	12
HOSHANGABAD	Itarsi	Tikhad	96	784	880	14	2	12
INDORE	Depalpur	Rudrakhya	649	169	818	14	11	3
INDORE	Depalpur	Jalodia Gyan	918	221	1139	14	11	3
INDORE	Depalpur	Lalendipura	1488	346	1834	14	11	3

JABALPUR	Kundam	Umarjhar (Umarjhir)	9	257	266	14	0	14
JABALPUR*	Shahpura	Pipariya Ramghat	164	231	395	14	6	8
JABALPUR	Sihora	Hargrah	109	320	429	14	4	10
JABALPUR	Shahpura	Chirapondi	59	564	623	14	1	13
JABALPUR	Sihora	Bhandra	221	459	680	14	5	9
JHABUA	Thandla	Bhimpuri	114	509	623	14	3	11
JHABUA	Petlawad	Mathmath	430	1015	1445	14	4	10
KATNI	Dhimarkheda	Gada Itawa	78	533	611	14	2	12
KATNI	Rithi	Nitarra	156	853	1009	14	2	12
KHARGONE*	Kasrawad	Dedgaon	153	442	595	14	4	10
KHARGONE	Bhikangaon	Pattharwada	120	638	758	14	2	12
KHARGONE	Maheshwar	Jamnaya	358	442	800	14	6	8
KHARGONE	Maheshwar	Choti Khargone	652	667	1319	14	7	7
KHARGONE	Gogaon	Bistan	561	1264	1825	14	4	10
MANDLA*	Niwas	Chargaon (Bilnagari)	41	351	392	14	1	13
MANDLA	Mandla	Tilaipani	123	346	469	14	4	10
MANDLA	Bichhiya	Simariya Urf Rampur F.V.	73	516	589	14	2	12
MANDLA	Ghughari	Pand Kalan	88	1173	1261	14	1	13
MANDLA	Bichhiya	Sarasdoli Mal.	243	1555	1798	14	2	12
Mandsaur	Malhargarh	Harsol	234	306	540	14	6	8
Mandsaur	Suvasra	Dhalpat	593	249	842	14	10	4
Mandsaur	Shamgarh	Vishaniya	502	689	1191	14	6	8
MORENA	Joura	Ghador	1083	91	1174	14	13	1
MORENA	Morena	Morena (M) - Ward No.4	1458	138	1596	14	13	1
MORENA	Joura	Kumheri	1489	249	1738	14	12	2
NARSINGHPUR	Narsimhapur	Lurehta	159	295	454	14	5	9
NARSINGHPUR	Gadarwara	Chirriya	228	497	725	14	4	10
NEEMUCH	Manasa	Suwasara Buzurg	153	450	603	14	4	10
NEEMUCH	Jawad	Basedibhati	461	410	871	14	7	7
NEEMUCH	Neemuch	Neemuch (M) - Ward No.10	300	593	893	14	5	9
PANNA	Raipura	Tulla	265	581	846	14	4	10
PANNA	Gunnor	Harira	335	535	870	14	5	9
PANNA	Devendranagar	Mutwa Kalan	1030	502	1532	14	9	5
RAISEN	Udaipura	Katak	57	322	379	14	2	12
RAISEN	Badi	Badi (NP) - Sirwara Ward	116	348	464	14	4	11
RAISEN*	Silwani	Silwani (NP) - Ward3	78	393	471	14	2	12
RAISEN	Baraily	Johar Barha	114	523	637	14	3	11
RAISEN	Begamganj	Choka Bakhatsingh	771	247	1018	14	11	3
RAJGARH	Sarangpur	Dobada Jogi	248	47	295	14	12	2
RAJGARH	Narsinghgarh	Baodiya	270	119	389	14	10	4
RAJGARH	Khilchipur	Dolaj	370	79	449	14	12	2
RAJGARH	Rajgarh	Peepalbe Purohit	271	268	539	14	7	7
RAJGARH*	Biaora	Kankaria Gujar	455	228	683	14	9	5
RAJGARH	Jirapur	Ghogadpur	1004	673	1677	14	8	6
RATLAM	Alot	Pipalya Maru	206	186	392	14	7	7
RATLAM	Piploda	Talidana	228	308	536	14	6	8
RATLAM	Tal	Jamuniya Shankar	333	232	565	14	8	6

RATLAM	Sailana	Limadipada	285	435	720	14	6	8
RATLAM*	Ratlam	Delanpur	473	623	1096	14	6	8
REWA	Sirmour	Bhedaraha 423	47	215	262	14	3	11
REWA	Gurh	Paderua	93	190	283	14	5	9
REWA	Naigarhi	Chhatragarh Kalan	94	315	409	14	3	11
REWA	Teonthar	Pathat Kalan	181	263	444	14	6	8
REWA	Mangawan	Purwa No 1 310	82	401	483	14	2	12
REWA	Teonthar	Jhotiya	235	358	593	14	6	8
REWA	Jawa	Bawandhar	416	378	794	14	7	7
REWA	Naigarhi	Bandhawabhaibant	175	713	888	14	3	11
REWA*	Sirmour	Badarao Gautaman	123	970	1093	14	2	12
REWA	Hanumana	Paipkhar	400	1509	1909	14	3	11
SAGAR	Rehli	Rehli (M) - Ward No.6	52	155	207	14	4	10
SAGAR	Kesli	Singpur Satguan	66	313	379	14	2	12
SAGAR	Sagar	Badbadi	44	412	456	14	1	13
SAGAR	Shahgarh	Kanikhedi Khurd	283	304	587	14	7	7
SAGAR	Sagar	Talchiri	557	1023	1580	14	5	9
SAGAR	Sagar	Chatur Bhata	497	1662	2159	14	3	11
SAGAR*	Khurai	Khimlasa	712	2368	3080	14	3	11
SATNA	Nagod	Umarhat	88	173	261	14	5	9
SATNA	Ramnagar	Pipari Kothar	72	274	346	14	3	11
SATNA	Unchahara	Matri Barmendra	142	368	510	14	4	10
SATNA	Raghurajnagar	Sohawal	78	467	545	14	2	12
SATNA	Unchahara	Korwara	397	580	977	14	6	8
SATNA*	Satna	Satna (M Corp.) - Ward No.4	252	901	1153	14	3	11
SATNA	Raghurajnagar	Bhaiswar	1291	745	2036	14	9	5
SEHORE	Ashta	Sankarpur	232	153	385	14	8	6
SEHORE	Nasrullaganj	Chaunda Grahan	317	237	554	14	8	6
SEHORE	Ashta	Badodiya Gadri	296	278	574	14	7	7
SEHORE	Nasrullaganj	Semalpani Kadeem	420	498	918	14	6	8
SEHORE*	Rehti	Pan Guradia	433	654	1087	14	6	8
SEONI	Seoni	Bordai	117	238	355	14	5	9
SEONI	Barghat	Manegaon Khurd	42	432	474	14	1	13
SEONI	Dhanora	Dondawari	99	413	512	14	3	11
SEONI	Barghat	Sajanwada	37	545	582	14	1	13
SEONI	Barghat	Manegaon Kalan	98	897	995	14	1	13
SHAHDOL	Jaisinghnagar	Jagra Tola (Jagda)	106	688	794	14	2	12
SHAHDOL	Jaisinghnagar	Charkwah	346	899	1245	14	4	10
SHAHDOL	Jaisinghnagar	Kanadi Khurd	338	2080	2418	14	2	12
SHAJAPUR	Polaya Kalan	Tanda Khurd	292	247	539	14	8	6
SHAJAPUR	Gulana	Deolabihar	854	282	1136	14	11	3
SHEOPUR	Sheopur	Kund Habeli	249	499	748	14	5	9
SHEOPUR	Karahal	Kelor	168	1404	1572	14	1	13
SHIVPURI	Kolaras	Deharda Sadak	294	160	454	14	9	5
SHIVPURI	Narwar	Mihawara	421	195	616	14	10	4
SHIVPURI*	Khaniyadhana	Didawani	426	235	661	14	9	5
SHIVPURI	Bairad	Kemai	316	695	1011	14	4	10

SHIVPURI	Karera	Baghra Sajor	1051	282	1333	14	11	3
SIDHI	Bahari	Kushiyari	103	466	569	14	3	11
SIDHI	Sihawal	Ramnagar Kalan	282	736	1018	14	4	10
SIDHI	Kusmi	Dhupkhad	127	1275	1402	14	1	13
SINGRAULI	Deosar	Bakhul	69	755	824	14	1	13
SINGRAULI	SINGRAULI	Singrauli (M Corp.) - Ward	86	1538	1624	14	1	13
TIKAMGARH	Niwari	Devendrapura	325	222	547	14	8	6
TIKAMGARH*	Prithvipur	Gailwara Khas	360	303	663	14	8	6
TIKAMGARH	Palera	Pureniya	433	423	856	14	7	7
TIKAMGARH	Orchha	Bangay Khas	738	161	899	14	11	3
TIKAMGARH	Palera	Laroun	480	750	1230	14	5	9
UJJAIN	Mahidpur	Kuwandiya	202	235	437	14	6	8
UJJAIN	Mahidpur	Mundliidotru	374	252	626	14	8	6
UJJAIN*	Ujjain	Alampur(Udana)	203	474	677	14	4	10
UJJAIN	Ghatiya	Salamata	680	71	751	14	13	1
UJJAIN	Badnagar	Balodalakha	624	1115	1739	14	5	9
UMARIA	Chandia	Sahajanara	58	468	526	14	2	12
UMARIA	Manpur	Damoy	319	1648	1967	14	2	12
VIDISHA	Tyonda	Rahmanpur	27	188	215	14	2	12
VIDISHA	Lateri	Narayan Kheda	159	128	287	14	8	6
VIDISHA	Lateri	Dabakan	221	176	397	14	8	6
VIDISHA	Sironj	Dehri Madho	220	178	398	14	8	6
VIDISHA	Basoda	Basoda Daud	113	395	508	14	3	11
VIDISHA*	Nateran	Sau	664	95	759	14	12	2

Abbreviations:

a :	District Name	f :	Cattle + Bullalo Population
b :	Block Name	g :	Number of units to Sample
c :	Village Name	h :	Buffalo Proportion
d :	Buffalo Population	i :	Cattle proportion
e :	Cattle Population		

FMD/SEROSUR/NIVEDI/Maharashtra20/2022**Stratified Random Sampling:**

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 200 + (Cattle + Buffalo) = 16651

Animal level Prevalence = 0.1581

Cluster Level Prevalence = 0.01581

Sensitivity of the test used = 0.90

Total No of Villages (Clusters) Selected = 161 (+23 Reserved Villages)

Total No of Animals to be Sampled = 2737

DISTRICT_NAME (a)	BLOCK_NAME (b)	VILLAGE_NAME (c)	Buffalo Population (d)	Cattle Population (e)	Cattle + Buffalo Population (f)	Number of units to sample (g)	Buffalo Proportion (h)	Cattle Proportion (i)
Ahmednagar	Kopargaon	Kakadi	13	709	722	17	0	17
Ahmednagar	Karjat	Chakhalewadi	53	751	804	17	1	16
Ahmednagar	Parner	Walwane	95	1123	1218	17	1	16
Ahmednagar	Rahuri	Khudsargaon	3	1324	1327	17	0	17
Ahmednagar*	Parner	Mhasoba Zap	144	1446	1590	17	2	15
Ahmednagar	Rahta	Dadh Bk.	6	2443	2449	17	0	17
Akola	Murtijapur	Shelu Bajar	19	397	416	16	1	15
Akola	Balapur	Antri Malkapur	48	541	589	16	1	15
Akola	Akola	Gopalkhed	83	511	594	16	2	14
Amravati	Warud	Urad	7	268	275	16	0	16
Amravati	Chikhaldara	Madizadap	135	215	350	16	6	10
Amravati*	Chandurbazar	Chandurbazar (M CI) - Ward No.13	111	344	455	16	4	12
Amravati	Nandgaon Khandeshwar	Kazana	46	432	478	16	2	14
Amravati	Dharni	Gadgamalur	284	415	699	17	7	10
Amravati	Achalpur	Gondwagholi	283	455	738	17	7	10
Amravati	Dharni	Bijudhawdi	348	648	996	17	6	11
Aurangabad	Gangapur	Murshidabad	2	219	221	16	0	16
Aurangabad	Phulambri	Shirodi Bk	12	312	324	16	1	15
Aurangabad	Aurangabad	Kadriabad	117	424	541	16	3	13
Aurangabad	Sillod	Mohal	246	392	638	16	6	10
Aurangabad	Kannad	Kanadgaon (Kannad)	0	779	779	17	0	17
Aurangabad*	Paithan	Karkin	22	776	798	17	0	17
Beed	Georai	Sawargaon Pokhari	37	207	244	16	2	14
Beed	Manjlegaon	Chinchgavan	299	85	384	16	12	4
Beed	Patoda	Jaulala	128	538	666	17	3	14
Beed*	Parli	Indapwadi	529	209	738	17	12	5
Beed	Kaij	Shirurghat	278	496	774	17	6	11
Beed	Parli	Nagpimpri	222	671	893	17	4	13
Bhandara	Mohadi	Bidsitepar	167	257	424	16	6	10
Bhandara	Tumsar	Wahani	701	663	1364	17	9	8
Buldhana	Malkapur	Siradhon	88	196	284	16	5	11
Buldhana*	Malkapur	Tighra Pr.Malkapur	59	251	310	16	3	13
Buldhana	Lonar	Deulgaon Waisa	47	535	582	16	1	15
Buldhana	Khamgaon	Kolori	109	512	621	16	3	13
Buldhana	Khamgaon	Mandaka	441	533	974	17	8	9
Buldhana	Lonar	Kingaon Jattu	550	935	1485	17	6	11
Chandrapur	Chandrapur	Mamala	34	181	215	16	3	13

Chandrapur	Gondpipri	Wejgaon	6	315	321	16	0	16
Chandrapur	Brahmapuri	Kosambi Khadasmara	23	353	376	16	1	15
Chandrapur*	Rajura	Pellora	5	409	414	16	0	16
Chandrapur	Sawali	Upri	78	538	616	16	2	14
Chandrapur	Sawali	Nilsani Pethgaon	70	600	670	17	2	15
Chandrapur	Mul	Chichala (Mo)	511	849	1360	17	6	11
Dhule	Sakri	Panchmauli	24	659	683	17	1	16
Dhule	Dhule	Mordad Tanda	195	855	1050	17	3	14
Dhule	Dhule	Nimdale	238	1575	1813	17	2	15
Gadchiroli*	Etapalli	Irpanpaili	18	225	243	16	1	15
Gadchiroli	Aheri	Marneli M	0	337	337	16	0	16
Gadchiroli	Gadchiroli	Bhagwanpur (N.V.)	5	455	460	16	0	16
Gadchiroli	Armori	Shioni Bk	223	362	585	16	6	10
Gadchiroli	Etapalli	Manewara	20	575	595	16	1	15
Gadchiroli	Sironcha	Sonnur Mal	0	661	661	17	0	17
Gadchiroli	Aheri	Chandra S	225	846	1071	17	4	13
Gondia	Deori	Bhagi	92	495	587	16	3	13
Gondia	Amgaon	Amgaon Bk. (Ct)	259	619	878	17	5	12
Hingoli	Hingoli	Maldhamni	131	371	502	16	4	12
Hingoli	Aundha (Nagnath)	Asola Traf Aundha	231	512	743	17	5	12
Jalgaon	Dharangaon	Babhale Bk.	88	128	216	16	7	9
Jalgaon*	Amalner	Ranaiche Kh.	99	296	395	16	4	12
Jalgaon	Amalner	Rundhati	151	313	464	16	5	11
Jalgaon	Jamner	Moygaon Bk	202	277	479	16	7	9
Jalgaon	Chopda	Deozari	73	543	616	16	2	14
Jalgaon	Muktainagar (Edlabad)	Nimkhedi Bk.	298	911	1209	17	4	13
Jalgaon	Muktainagar (Edlabad)	Kurhe	335	999	1334	17	4	13
Jalgaon	Bhadgaon	Mahindale	324	1161	1485	17	4	13
Jalna	Ambad	Ambad (M Cl) - Ward No.11	79	587	666	17	2	15
Jalna	Bhokardan	Wadhod Tangda	155	764	919	17	3	14
Jalna	Partur	Satona Bk.	139	922	1061	17	2	15
Kolhapur*	Chandgad	Jambare	200	40	240	16	13	3
Kolhapur	Bhudargad	Vhangutti	231	199	430	16	9	7
Kolhapur	Radhanagari	Majagaon	293	308	601	16	8	8
Kolhapur	Gadhinglaj	Kalavi Katti	509	351	860	17	10	7
Kolhapur	Hatkanangle	Kabnur (Ct)	383	555	938	17	7	10
Kolhapur	Karvir	Sangwade	941	427	1368	17	12	5
Kolhapur	Panhala	Sawarde T.Satave	858	1101	1959	17	7	10
Latur	Nilanga	Ambewadi Masalga	148	250	398	16	6	10
Latur*	Latur	Khopegaon	360	206	566	16	10	6
Latur	Nilanga	Yelnur	198	501	699	17	5	12
Latur	Ahmadpur	Gudalewadi	502	319	821	17	10	7
Latur	Chakur	Chapoli	1108	869	1977	17	10	7
Mumbai	Greater Mumbai	C - Ward No. 220	0	412	412	16	0	16
Mumbai	Greater Mumbai	K/East - Ward No. 79	546	127	673	17	14	3
Nagpur	Bhiwapur	Pullar	34	214	248	16	2	14
Nagpur*	Narkhed	Wadgaon (Umari)	25	296	321	16	1	15

Nagpur	Katol	Chandanpardi	28	401	429	16	1	15
Nagpur	Narkhed	Baradpavni	50	456	506	16	2	14
Nagpur	Nagpur (Rural)	Salai Gadhani	246	447	693	17	6	11
Nagpur	Narkhed	Tinkheda	37	665	702	17	1	16
Nagpur	Katol	Khapa (Bk)	0	760	760	17	0	17
Nanded	Bhokar	Tatkalwadi	14	222	236	16	1	15
Nanded	Deglur	Hali	143	258	401	16	6	10
Nanded	Kinwat	Rajgad Tanda	16	430	446	16	1	15
Nanded*	Naigaon (Khairgaon)	Shelgaon (Gauri)	226	278	504	16	7	9
Nanded	Umri	Nagthana Bk.	104	415	519	16	3	13
Nanded	Kandhar	Dahikalamba	251	538	789	17	5	12
Nanded	Mukhed	Honwadaj	252	591	843	17	5	12
Nanded	Kinwat	Islapur	180	847	1027	17	3	14
Nandurbar	Akkalkuwa	Morkhi	21	281	302	16	1	15
Nandurbar	Nawapur	Kelpada	45	380	425	16	2	14
Nandurbar	Nandurbar	Pachorabari	305	214	519	16	9	7
Nandurbar	Talode	Budhaval	179	459	638	16	4	12
Nandurbar*	Shahade	Sarangkheda	340	441	781	17	7	10
Nashik	Dindori	Mokhnal	88	221	309	16	5	11
Nashik	Nashik	Nashik (M Corp.) - Ward No.15A	228	164	392	16	9	7
Nashik	Nashik	Nashik (M Corp.) - Ward No.19A	305	131	436	16	11	5
Nashik	Nandgaon	Darhel	4	500	504	16	0	16
Nashik	Igatpuri	Daundat	245	303	548	16	7	9
Nashik	Yevla	Satali	149	520	669	17	4	13
Nashik	Yevla	Yevla (M CI) - Ward No.1	181	666	847	17	4	13
Nashik	Nandgaon	Pimpri_Haveli	252	917	1169	17	4	13
Nashik	Nandgaon	Vehelgaon	190	1116	1306	17	2	15
Nashik*	Chandvad	Chandvad (Ct)	165	1335	1500	17	2	15
Osmanabad	Osmanabad	Sakanewadi	676	64	740	17	16	1
Osmanabad	Tuljapur	Ghandora	537	497	1034	17	9	8
Osmanabad	Bhum	Icet	346	2442	2788	17	2	15
Palghar	Vikramgad	Vasuri	216	182	398	16	9	7
Palghar	Palghar	Velgaon	5	416	421	16	0	16
Palghar*	Dahanu	Dhundalwadi	110	359	469	16	4	12
Palghar	Vada	Kelthan	314	436	750	17	7	10
Palghar	Dahanu	Vankas	0	1544	1544	17	0	17
Parbhani	Purna	Pimpalgaon Likha	105	473	578	16	3	13
Parbhani	Jintur	Niwali Bk.	59	680	739	17	1	16
Parbhani	Sonpeth	Dighol Islampur	507	907	1414	17	6	11
Pune	Bhor	Kasurdi K.B	134	165	299	16	7	9
Pune	Junnar	Aptale	180	259	439	16	7	9
Pune	Ambegaon	Tambademala	60	407	467	16	2	14
Pune	Junnar	Muthalne	69	477	546	16	2	14
Pune	Mulshi	Nande	461	237	698	17	11	6
Pune*	Pune	Pune (M Corp.) - Ward No.2	789	48	837	17	16	1
Pune	Daund	Boribel	156	872	1028	17	3	14
Pune	Junnar	Pimpri Pendhar	108	1081	1189	17	2	15

Pune	Ambegaon	Jarkarwadi	21	1297	1318	17	0	17
Pune	Khed	Kalus	1137	874	2011	17	10	7
Raigad	Karjat	Kikavi	20	183	203	16	2	14
Raigad	Karjat	Kushiwali	210	35	245	16	14	2
Raigad	Karjat	Nasarapur	122	209	331	16	6	10
Raigad	Mangaon	Morba	147	186	333	16	7	9
Raigad	Mahad	Adhi	19	328	347	16	1	15
Raigad*	Roha	Virjoli	2	380	382	16	0	16
Raigad	Karjat	Rajape	56	363	419	16	2	14
Raigad	Karjat	Sapele	225	227	452	16	8	8
Raigad	Sudhagad	Adulse	219	255	474	16	7	9
Ratnagiri	Lanja	Kurne	19	200	219	16	1	15
Ratnagiri	Sangameshwar	Chorvane	10	249	259	16	1	15
Ratnagiri	Chiplun	Terav Bk.	123	209	332	16	6	10
Ratnagiri	Chiplun	Kapsal	202	182	384	16	8	8
Ratnagiri	Khed	Gherapalgad	63	326	389	16	3	13
Ratnagiri*	Chiplun	Kondmala	8	422	430	16	0	16
Ratnagiri	Sangameshwar	Devrukh (CT)	215	1103	1318	17	3	14
Sangli	Kavathemahankal	Alkud (M)	641	313	954	17	11	6
Sangli	Shirala	Mangle	1515	1795	3310	17	8	9
Sangli	Tasgaon	Ped	2207	1280	3487	17	11	6
Satara	Karad	Maharugadewadi	206	49	255	16	13	3
Satara	Koregaon	Bichukale	89	334	423	16	3	13
Satara	Koregaon	Ambawade S.Wagholi	153	326	479	16	5	11
Satara	Wai	Kikali	303	241	544	16	9	7
Satara*	Karad	Masur	593	221	814	17	12	5
Satara	Khatav	Chorade	662	263	925	17	12	5
Satara	Karad	Atake	1684	575	2259	17	13	4
Sindhudurg	Sawantwadi	Talawane	161	239	400	16	6	10
Sindhudurg	Vaibhavvadi	Achirne	87	372	459	16	3	13
Sindhudurg	Kankavli	Shiraval	144	387	531	16	4	12
Solapur*	Sangole	Gunappawadi	126	91	217	16	9	7
Solapur	Akkalkot	Chungi	316	349	665	17	8	9
Solapur	Sangole	Buddhehal	587	460	1047	17	10	7
Solapur	Sangole	Ajanale	896	344	1240	17	12	5
Solapur	Sangole	Watambare	1077	1012	2089	17	9	8
Solapur	Madha	Anjangaon Kh.	624	2090	2714	17	4	13
Thane	Murbad	Paronde (N.V.)	90	141	231	16	6	10
Thane*	Bhiwandi	Anhe	262	57	319	16	13	3
Thane	Murbad	Chasole	99	252	351	16	5	11
Thane	Shahapur	Fugale	3	349	352	16	0	16
Thane	Murbad	Merdi	55	433	488	16	2	14
Thane	Kalyan-Dombivli	Kalyan-Dombivli (M Corp.) - Ward	537	0	537	16	16	0
Wardha	Wardha	Rotha	84	455	539	16	2	14
Wardha *	Karanja	Kannamwar Gram Heti	496	688	1184	17	7	10
Washim	Malegaon	Givha	66	352	418	16	3	13
Washim	Washim	Kondala Zamre	217	513	730	17	5	12

Yavatmal	Ghatanji	Dangargaon	56	212	268	16	3	13
Yavatmal	Digras	Amala Kh.	6	307	313	16	0	16
Yavatmal	Mahagaon	Manoharnagar	1	463	464	16	0	16
Yavatmal*	Mahagaon	Dahisawali	26	447	473	16	1	15
Yavatmal	Darwha	Mahagaon (Kasba)	62	522	584	16	2	14
Yavatmal	Kalamb	Zadkinhi	252	504	756	17	6	11

* Researved villages to be used for sampling if any selected village in given district is not accessible, having logistic problem or any other issues

Abbreviations:

a :	District Name	f :	Cattle + Bullalo Population
b :	Block Name	g :	Number of units to Sample
c :	Village Name	h :	Buffalo Proportion
d :	Buffalo Population	i :	Cattle proportion
e :	Cattle Population		

FMD/SEROSUR/NIVEDI/Manipur21/2022**Stratified Random Sampling:**

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 10 + (Cattle + Buffalo) = 2015

Design Level Prevalence = 0.18

Cluster Level Prevalence = 0.036

Sensitivity of the test used = 0.90

Total No of Villages (Clusters) Selected = 91

Total No of Animals to be Sampled = 1214 (Restricted)

DISTRICT_NAME (a)	BLOCK_NAME (b)	VILLAGE_NAME (c)	Buffalo Population (d)	Cattle Population (e)	Cattle + Buffalo Population (f)	Number of units to sample (g)	Buffalo Proportion (h)	Cattle Proportion (i)
Bishnupur	Nambol	Leimaram	0	188	188	14	0	14
Bishnupur	Bishnupur	Waheng Khuman	0	298	298	14	0	14
Bishnupur	Moirang	Wangoo Terakhong	0	353	353	14	0	14
Bishnupur	Nambol	Nambol (M CI) (Part) - Ward No.14	0	483	483	15	0	15
Chandel	Chakpikarong	New Wayang (Changjal)	0	18	18	11	0	11
Chandel	Chakpikarong	Toupokpi	0	27	27	12	0	12
Chandel	Chandel	Bolnidam	1	27	28	12	0	12
Chandel	Chakpikarong	Khongtal	11	33	44	13	3	10
Chandel	Chandel	Purum Chumbang	0	49	49	13	0	13
Chandel	Machi	Phungthil	0	49	49	13	0	13
Chandel	Tengnoupal	Ringkhudam	0	50	50	13	0	13
Chandel	Tengnoupal	Damjol	0	60	60	13	0	13
Chandel	Machi	Salemphai	9	65	74	14	2	12
Chandel	Tengnoupal	Saivom	0	76	76	14	0	14
Chandel	Machi	Kulyang	7	89	96	14	1	13
Chandel	Chakpikarong	Chakpimolbem	0	146	146	14	0	14
Churachandpur	Churachandpur	D.Phailian	1	17	18	11	1	10
Churachandpur	Churachandpur North	Humkot	2	16	18	11	1	10
Churachandpur	Singngat	Behjang (V)	0	20	20	11	0	11
Churachandpur	Churachandpur	Heichanglok	0	25	25	12	0	12
Churachandpur	Tipaimukh	Tuisen (Notunlalpani)	6	20	26	12	3	9
Churachandpur	Churachandpur	K.Geljang	0	35	35	12	0	12

Churachandpur	Churachandpur	Dorcas Veng	0	38	38	13	0	13
Churachandpur	Singngat	Enpum	15	25	40	13	5	8
Churachandpur	Churachandpur	Sasang	0	41	41	13	0	13
Churachandpur	Churachandpur North	Nabil Khuman	20	22	42	13	6	7
Churachandpur	Singngat	Tonglon(D)	7	55	62	13	1	12
Churachandpur	Churachandpur	S.Gelbung	0	62	62	13	0	13
Churachandpur	Churachandpur North	Chothe Munpi	17	59	76	14	3	11
Churachandpur	Churachandpur	Kumbi Pukhri	0	77	77	14	0	14
Churachandpur	Thanlon	Suangsang	5	152	157	14	0	14
Churachandpur	Churachandpur	Ngathal	0	512	512	15	0	15
Churachandpur	Churachandpur	Bohlui	939	649	1588	15	9	6
Imphal East	Jiribam	Jiribam (M Cl) - Ward No.10	0	30	30	12	0	12
Imphal East	Sawombung	Morok Inghkol	0	46	46	13	0	13
Imphal East	Porompat	Thoidingjam Leikai	0	53	53	13	0	13
Imphal East	Imphal	Imphal (M Cl) - Ward No.23	1	100	101	14	0	14
Imphal East	Sawombung	Lamoikhul (Ireima)	0	116	116	14	0	14
Imphal East	Porompat	Khurai Konsam Leikai	0	128	128	14	0	14
Imphal East	Sawombung	Tangkham	0	160	160	14	0	14
Imphal East	Porompat	Thongju Nameirakpam Laishram Selungba Waikhom Ning	0	209	209	14	0	14
Imphal East	Jiribam	Sonapur Pt I	36	232	268	14	2	12
Imphal East	Keirao Bitra	Changamdabi Mathak Makha And Mamang	9	674	683	15	0	15
Imphal West	Thongkhong Laxmi Bazar	Thongkhong Laxmi Bazar (NP) - Ward No.10	0	30	30	12	0	12
Imphal West	Wangoi	Wangoi (NP) - Ward No.7	0	48	48	13	0	13
Imphal West	Patsoi	Khumbong Part I (West Of Maklang River)	0	108	108	14	0	14
Imphal West	Lamshang	Lairensajik	0	123	123	14	0	14
Imphal West	Wangoi	Govinda Gram Wakching Khullen	0	123	123	14	0	14
Imphal West	Sekmai Bazar	Sekmai Bazar (NP) - Ward No.1	0	189	189	14	0	14
Imphal West	Lamshang	Loitang Khunou	0	190	190	14	0	14

Imphal West	Mayang Imphal	Mayang Imphal (NP) - Ward No.10	57	165	222	14	4	10
Senapati	Saitu Gamphazol	Maha Kabui	0	13	13	10	0	10
Senapati	Saitu-Gamphazol	Samuk	14	0	14	10	10	0
Senapati	Sadar Hills East	Jangnoi	4	15	19	11	2	9
Senapati	Saitu Gamphazol	Khunkhu Naga	20	0	20	11	11	0
Senapati	Mao-Maram	Tadubi	0	22	22	11	0	11
Senapati	Sadar Hills East	Kamu Tampak	0	35	35	12	0	12
Senapati	Sadar Hills East	L.Chayang	4	33	37	13	1	12
Senapati	Sadar Hills West	Liyai Kalapahar	0	45	45	13	0	13
Senapati	Sadar Hills West	Ameladara	0	51	51	13	0	13
Senapati	Sadar Hills East	Purum Likli	9	42	51	13	2	11
Senapati	Sadar Hills East	Molkonbung	25	27	52	13	6	7
Senapati	Mao-Maram	Chakumci	27	37	64	13	5	8
Senapati	Saitu Gamphazol	Lhangkhichoi	8	70	78	14	1	13
Senapati	Purul	Kodom Khullen	70	34	104	14	9	5
Senapati	Sadar Hills West	Songjang Pakang	32	73	105	14	4	10
Senapati	Sadar Hills West	Songpekjang Nepali	0	113	113	14	0	14
Senapati	Saitu Gamphazol	Asilong	63	65	128	14	7	7
Senapati	Saitu Gamphazol	Motbung	0	175	175	14	0	14
Senapati	Mao-Maram	Yangkhullen	120	63	183	14	9	5
Senapati	Sadar Hills East	Leihaopokpi	0	209	209	14	0	14
Senapati	Paomata	Maiba	73	163	236	14	4	10
Senapati	Mao-Maram	Willong Khullen	106	194	300	14	5	9
Tamenglong	Nungba	Muktikhullen	2	30	32	12	1	11
Tamenglong	Tamenglong West	Katiang	0	61	61	13	0	13
Tamenglong	Nungba	Thingou	33	33	66	13	7	7
Tamenglong	Tamenglong	Nungtek	0	91	91	14	0	14
Tamenglong	Tamenglong	Nagaching	34	80	114	14	4	10

Thoubal	Heirolk	Heirolk (NP) - Ward No.4	0	19	19	11	0	11
Thoubal	Sugnu	Sugnu (NP) - Ward No.4	0	38	38	13	0	13
Thoubal	Sugnu	Sugnu (NP) - Ward No.1	0	74	74	14	0	14
Thoubal	Kakching	Arong	0	114	114	14	0	14
Thoubal	Thoubal	Sapam	0	145	145	14	0	14
Thoubal	Lilong - Thoubal	Lilong (Thoubal) (NP) (Part) - Ward No.6	0	491	491	15	0	15
Ukhrul	Kamjong Chassad	Z.Choro	16	0	16	10	10	0
Ukhrul	Ukhurl Central	Sihai Khunou	14	22	36	12	5	7
Ukhrul	Ukhurl Central	Langdang	17	94	111	14	2	12
Ukhrul	Ukhrul South	Nambashi Valley	73	46	119	14	9	5
Ukhrul	Ukhurl Central	Shiroy Chingthak	10	121	131	14	1	13
Ukhrul	Kamjong Chassad	Chassad	61	114	175	14	5	9
Ukhrul	Ukhrul North	Kalhang	134	132	266	14	7	7

Abbreviations:

a :	District Name	f :	Cattle + Bullalo Population
b :	Block Name	g :	Number of units to Sample
c :	Village Name	h :	Buffalo Proportion
d :	Buffalo Population	i :	Cattle proportion
e :	Cattle Population		

FMD/SEROSUR/NIVEDI/Meghalaya22/2022**Stratified Random Sampling:**

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 100 + (Cattle + Buffalo) = 2394

Design Level Prevalence = 0.275

Cluster Level Prevalence = 0.0275

Sensitivity of the test used = 0.90

Total No of Villages (Clusters) Selected = 120

Total No of Animals to be Sampled = 1189 (Restricted)

DISTRICT_NAME (a)	BLOCK_NAME (b)	VILLAGE_NAME (c)	Buffalo Population (d)	Cattle Population (e)	Cattle + Buffalo Population (f)	Number of units to sample (g)	Buffalo Proportion (h)	Cattle Proportion (i)
East Garo Hills	Songsak	Jamge (B)	0	130	130	10	0	10
East Garo Hills	Samanda	Sobokgre	0	136	136	10	0	10
East Garo Hills	Samanda	Nengkra Watregrittim	0	184	184	10	0	10
East Garo Hills	Dambo Rongjeng	Gabil Gandual	0	218	218	10	0	10
East Garo Hills	Dambo Rongjeng	Gabil Daningka	0	232	232	10	0	10
East Garo Hills	Samanda	Dilma Dilsek	0	244	244	10	0	10
East Garo Hills	Dambo Rongjeng	Upper Nangbak Apal	0	267	267	10	0	10
East Garo Hills	Williamnagar	Williamnagar (MB) - Ward No.9	0	277	277	10	0	10
East Garo Hills	Samanda	Kakwa Songma (Kakwa)	0	290	290	10	0	10
East Garo Hills	Samanda	Samanda Chinemgre	0	290	290	10	0	10
East Garo Hills	Dambo Rongjeng	Nongchram (li)	0	374	374	10	0	10
East Jaintia Hills	Khliehriat	Dkhiah West	0	366	366	10	0	10
East Jaintia Hills	Khliehriat	Rymbai	0	648	648	10	0	10
East Jaintia Hills	Khliehriat	Um Lawang	0	1196	1196	10	0	10
East Khasi Hills	Mawryngkneng	Pomlahier	0	122	122	9	0	9
East Khasi Hills	Myllem	Dewsaw Mawrisan	0	124	124	9	0	9
East Khasi Hills	Pynursla	Pyrdiwah	0	140	140	10	0	10
East Khasi Hills	Khatarshnong Laitkroh	Madanlyngdoh	0	141	141	10	0	10
East Khasi Hills	Mawphlang	Banglasohphie	0	179	179	10	0	10
East Khasi Hills	Mawphlang	Madan Lyngkhoi Ranab	0	182	182	10	0	10
East Khasi Hills	Myllem	Umrnjah	0	184	184	10	0	10
East Khasi Hills	Mawsynram	Iapshynreh	24	164	188	10	1	9
East Khasi Hills	Mawsynram	Kpermasi	0	199	199	10	0	10
East Khasi Hills	Mawsynram	Umsawrang	0	200	200	10	0	10
East Khasi Hills	Mawryngkneng	Urmasi-U-Joh	0	227	227	10	0	10
East Khasi Hills	Mawsynram	Mawteibah	0	262	262	10	0	10
East Khasi Hills	Mawsynram	Mawhiang	0	266	266	10	0	10
East Khasi Hills	Myllem	Lawsotun (Ct)	0	275	275	10	0	10
East Khasi Hills	Mawsynram	Boro Ryngku	0	285	285	10	0	10
East Khasi Hills	Shella Bholaganj	Ichamati	0	307	307	10	0	10
East Khasi Hills	Mawkynrew	Dienglieng	0	356	356	10	0	10
East Khasi Hills	Mawkynrew	Nongjrong	0	439	439	10	0	10
North Garo Hills	Resubelpara	Mandalpang B	0	128	128	10	0	10
North Garo Hills	Resubelpara	Balmikram	0	144	144	10	0	10
North Garo Hills	Kharkutta	Asrogittim (Dikagittim)	0	152	152	10	0	10
North Garo Hills	Kharkutta	Kalwe	0	216	216	10	0	10
North Garo Hills	Resubelpara	Sarongkol	0	244	244	10	0	10

North Garo Hills	Kharkutta	Sarangma A	0	252	252	10	0	10
North Garo Hills	Kharkutta	Chibongga A	0	334	334	10	0	10
North Garo Hills	Resubelpara	Resubelpara (MB) - Ward No.9	0	353	353	10	0	10
North Garo Hills	Resubelpara	Resubelpara (MB) - Ward No.3	0	424	424	10	0	10
North Garo Hills	Resubelpara	Nenggitchakgre	0	473	473	10	0	10
Ri Bhoi	Jirang	Umlaniang	12	104	116	9	1	8
Ri Bhoi	Umsning	Lumdaitkhla A	0	134	134	10	0	10
Ri Bhoi	Jirang	Umshohphria	27	140	167	10	2	8
Ri Bhoi	Umsning	Umroi Madan	0	189	189	10	0	10
Ri Bhoi	Jirang	Mairapur	0	218	218	10	0	10
Ri Bhoi	Nongpoh	Nongpoh (TC) - Ward No.1	0	262	262	10	0	10
Ri Bhoi	Umling	Barapathar	0	277	277	10	0	10
Ri Bhoi	Jirang	Mawden Mawshohshrich	0	284	284	10	0	10
Ri Bhoi	Umsning	Pyllun	0	294	294	10	0	10
Ri Bhoi	Jirang	Warmawsaw	72	884	956	10	1	9
South Garo Hills	Chokpot	Rongsimagiri	0	109	109	9	0	9
South Garo Hills	Baghmara	Nosingpagitim	0	118	118	9	0	9
South Garo Hills	Gasuapara	Kadimboka	0	122	122	9	0	9
South Garo Hills	Gasuapara	Meka Adu	0	148	148	10	0	10
South Garo Hills	Gasuapara	Ruga Doldoma	0	166	166	10	0	10
South Garo Hills	Gasuapara	Cherengpara I	0	189	189	10	0	10
South Garo Hills	Gasuapara	Sempara	0	192	192	10	0	10
South Garo Hills	Rongara	Rangasora	0	198	198	10	0	10
South Garo Hills	Baghmara	Dobakol Nengjagittim	0	202	202	10	0	10
South Garo Hills	Gasuapara	Mineng	0	222	222	10	0	10
South Garo Hills	Chokpot	Dura-Asimgiri	0	232	232	10	0	10
South Garo Hills	Gasuapara	Rongsugri	0	241	241	10	0	10
South Garo Hills	Chokpot	Tengki Songmong	0	274	274	10	0	10
South Garo Hills	Gasuapara	Mangkeng Nokat	0	275	275	10	0	10
South Garo Hills	Rongara	Halwa Atong	0	555	555	10	0	10
South West Garo Hills	Zikzak	Wagepara	0	142	142	10	0	10
South West Garo Hills	Zikzak	Bollonggre-A (Diglakona)	0	204	204	10	0	10
South West Garo Hills	Zikzak	Kalaigaon Kasipara	0	235	235	10	0	10
South West Garo Hills	Zikzak	Katuligaon	4	240	244	10	0	10
South West Garo Hills	Zikzak	Rimtangpara	0	258	258	10	0	10
South West Garo Hills	Betasing	Chiringpara	0	354	354	10	0	10
South West Garo Hills	Zikzak	Ghegapara	0	410	410	10	0	10
South West Garo Hills	Betasing	Jewelgre	0	412	412	10	0	10
South West Garo Hills	Zikzak	Domapara	0	576	576	10	0	10
South West Khasi Hills	Mawkyrwat	Nongnad	0	108	108	9	0	9
South West Khasi Hills	Ranikor	Thadteja	47	144	191	10	2	8
South West Khasi Hills	Ranikor	Moheskola	17	192	209	10	1	9
South West Khasi Hills	Ranikor	Munaisora	0	260	260	10	0	10
South West Khasi Hills	Ranikor	Panchiring A	39	330	369	10	1	9
South West Khasi Hills	Ranikor	Khonjoy A	245	1135	1380	10	2	8
West Garo Hills	Selsella	Nekikona	0	102	102	9	0	9
West Garo Hills	Rongram	Angalgre	0	114	114	9	0	9

West Garo Hills	Selsella	Majhipara	0	156	156	10	0	10
West Garo Hills	Dalu	Onthapara	0	193	193	10	0	10
West Garo Hills	Dalu	Thibapara (Delbugre)	0	198	198	10	0	10
West Garo Hills	Selsella	Goalgaon	0	210	210	10	0	10
West Garo Hills	Dalu	Terimpara	0	212	212	10	0	10
West Garo Hills	Dalu	Gonchudaregre	0	222	222	10	0	10
West Garo Hills	Tikrikilla	Borogobol	0	225	225	10	0	10
West Garo Hills	Dalu	Khasipara	0	228	228	10	0	10
West Garo Hills	Dalu	Chanapara	0	278	278	10	0	10
West Garo Hills	Tikrikilla	Tikrikilla (A)	0	366	366	10	0	10
West Garo Hills	Dalu	Rimrangpara A	0	368	368	10	0	10
West Garo Hills	Rongram	Manggakgre	0	410	410	10	0	10
West Garo Hills	Dadenggiri	Dajugre	0	542	542	10	0	10
West Garo Hills	Dalu	Surunanggre	0	556	556	10	0	10
West Garo Hills	Tikrikilla	Dabanggre	0	612	612	10	0	10
West Garo Hills	Selsella	Broshibanda	12	790	802	10	0	10
West Garo Hills	Selsella	Burijhar	12	918	930	10	0	10
West Jaintia Hills	Amlarem	Amlypiang	0	124	124	9	0	9
West Jaintia Hills	Laskein	Mukhap	9	204	213	10	0	10
West Jaintia Hills	Laskein	Thadialong	22	227	249	10	1	9
West Jaintia Hills	Laskein	Mynska	0	376	376	10	0	10
West Jaintia Hills	Laskein	Saphai	28	607	635	10	0	10
West Jaintia Hills	Thadlaskein	Umladang	0	727	727	10	0	10
West Khasi Hills	Mawshynrut	Aradonga	0	116	116	9	0	9
West Khasi Hills	Mawthdraishan	Pariong	0	128	128	10	0	10
West Khasi Hills	Nongstoin	Nongsophian	26	136	162	10	2	8
West Khasi Hills	Nongstoin	Khynrin	0	172	172	10	0	10
West Khasi Hills	Mairang	Mawiongjadap	12	198	210	10	1	9
West Khasi Hills	Nongstoin	Barigang	0	210	210	10	0	10
West Khasi Hills	Mawshynrut	Porla B	12	207	219	10	1	9
West Khasi Hills	Nongstoin	Mawdiangkop	0	230	230	10	0	10
West Khasi Hills	Mairang	Lyngdohmaram	0	232	232	10	0	10
West Khasi Hills	Mairang	Mawkarah Mawpni	12	236	248	10	0	10
West Khasi Hills	Nongstoin	Mawlangniang	0	275	275	10	0	10
West Khasi Hills	Mawshynrut	Pyrdan (Mawpomblang)	8	268	276	10	0	10
West Khasi Hills	Mairang	Nongthyllep	20	423	443	10	0	10

Abbreviations:

a :	District Name	f :	Cattle + Bullalo Population
b :	Block Name	g :	Number of units to Sample
c :	Village Name	h :	Buffalo Proportion
d :	Buffalo Population	i :	Cattle proportion
e :	Cattle Population		

FMD/SEROSUR/NIVEDI/Mizoram23/2022**Stratified Random Sampling:**

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 10 + (Cattle + Buffalo) = 374

Design Level Prevalence = 0.1222

Cluster Level Prevalence = 0.02444

Sensitivity of the test used = 0.90

Total No of Villages (Clusters) Selected = 73

Total No of Animals to be Sampled = 1366 (Restricted)

DISTRICT_NAME (a)	BLOCK_NAME (b)	VILLAGE_NAME (c)	Buffalo Population (d)	Cattle Population (e)	Cattle + Buffalo Population (f)	Number of units to sample (g)	Buffalo Proportion (h)	Cattle Proportion (i)
AIZAWL	Aizawl	Aizawl (NT) - Ward No.12	0	16	16	13	0	13
AIZAWL	Darlawn	N.Tinghmun	0	34	34	17	0	17
AIZAWL	Tlangnuam (Part)	Lungleng I	0	39	39	17	0	17
AIZAWL	Aizawl	Aizawl (NT) - Ward No.22	0	41	41	17	0	17
AIZAWL	Thingsulthiah (Part)	Sesawng	0	50	50	18	0	18
AIZAWL	Tlangnuam (Part)	Samtlang	0	50	50	18	0	18
AIZAWL	Saitual	Saitual (NT) - Ward No.3	0	63	63	19	0	19
AIZAWL	Phullen	Phuaibuang	8	75	83	19	2	17
AIZAWL	Aizawl	Aizawl (NT) - Ward No.56	0	89	89	19	0	19
AIZAWL	Saitual	Saitual (NT) - Ward No.2	0	127	127	20	0	20
AIZAWL	Aizawl	Aizawl (NT) - Ward No.8	0	142	142	20	0	20
AIZAWL	Aizawl	Aizawl (NT) - Ward No.67	0	151	151	20	0	20
AIZAWL	Aizawl	Aizawl (NT) - Ward No.50	0	202	202	20	0	20
AIZAWL	Aizawl	Aizawl (NT) - Ward No.9	0	232	232	21	0	21
AIZAWL	Aizawl	Aizawl (NT) - Ward No.2	0	635	635	21	0	21
CHAMPHAI	Khawbung	Zawngtetui	0	30	30	16	0	16
CHAMPHAI	Champhai	Mualkawi	0	55	55	18	0	18
CHAMPHAI	Champhai	Lungphunlian	24	58	82	19	6	13
CHAMPHAI	Champhai	Champhai Vengthlang North	0	101	101	20	0	20
CHAMPHAI	Khawbung	Sazep	0	104	104	20	0	20
CHAMPHAI	Khawbung	Vangchhia	0	155	155	20	0	20
CHAMPHAI	Khawbung	Vaphai	36	128	164	20	4	16
CHAMPHAI	Khawbung	Samthang (old)	20	149	169	20	2	18
CHAMPHAI	Champhai	Vapar	67	204	271	21	5	16
KOLASIB	Tlangnuam (Part)	Nisapui	0	56	56	18	0	18
KOLASIB	N Thingdawl	Bukpui	14	76	90	19	3	16
KOLASIB	Bilkhawthlir	Bukvannei	14	114	128	20	2	18
KOLASIB	Bilkhawthlir	Saipum	4	384	388	21	0	21
KOLASIB	Tlangnuam (Part)	Lungdai	0	869	869	21	0	21
LAWNGTLAI	S Bungtlang	Hmunnuam	0	20	20	14	0	14
LAWNGTLAI	Sangau	Siachangkawn	0	24	24	15	0	15
LAWNGTLAI	Chawngte	Jarulsury-II	0	27	27	16	0	16
LAWNGTLAI	Lawngtlai	Hmawngbuchuah	0	34	34	17	0	17
LAWNGTLAI	Chawngte	New Chhippui	0	45	45	18	0	18
LAWNGTLAI	S Bungtlang	Tuisentlang	0	50	50	18	0	18
LAWNGTLAI	Chawngte	Chhotaguisuri I	0	56	56	18	0	18
LAWNGTLAI	Chawngte	Udalthana I	0	62	62	19	0	19

LAWNGTLAI	Chawngte	Ajasora II	0	65	65	19	0	19
LAWNGTLAI	S Bungtlang	Chamdur ᨾᩣ᩠ᨦᩈᩬᩁᩣ᩠ᩅᩣ᩠ᩅᩣ᩠ᩅ I	0	65	65	19	0	19
LAWNGTLAI	Chawngte	Tongasora	0	70	70	19	0	19
LAWNGTLAI	Lawngtlai	Diltlang ᨾᩣ᩠ᨦᩈᩬᩁᩣ᩠ᩅᩣ᩠ᩅᩣ᩠ᩅ	18	123	141	20	3	17
LAWNGTLAI	Chawngte	Songrasury	12	136	148	20	2	18
LUNGLEI	Lungsen	Nunsuri I	0	16	16	13	0	13
LUNGLEI	West Bungmun	Sumasumi	0	20	20	14	0	14
LUNGLEI	Lunglei	Lunglei (NT) - Ward No.17	0	21	21	14	0	14
LUNGLEI	Lunglei	Lunglei (NT) - Ward No.4	0	31	31	16	0	16
LUNGLEI	West Bungmun	Lungchem	0	34	34	17	0	17
LUNGLEI	Lungsen	Ngiautlang	0	34	34	17	0	17
LUNGLEI	Lunglei	Lunglei (NT) - Ward No.22	0	36	36	17	0	17
LUNGLEI	West Bungmun	Marpara S./Mar S	0	48	48	18	0	18
LUNGLEI	Lunglei	Lunglei (NT) - Ward No.18	0	62	62	19	0	19
LUNGLEI	Lungsen	Lamthai I	0	63	63	19	0	19
LUNGLEI	Lungsen	Borsegojasora	0	70	70	19	0	19
LUNGLEI	Lunglei	Lunglei (NT) - Ward No.7	0	83	83	19	0	19
LUNGLEI	Lunglei	Lunglei (NT) - Ward No.9	0	96	96	20	0	20
LUNGLEI	Lungsen	Tiperaghat III	0	97	97	20	0	20
LUNGLEI	Lungsen	Tiperaghat II	0	114	114	20	0	20
MAMIT	Zawlnuam	Zawlnuam (NT) - Ward No.1	0	13	13	12	0	12
MAMIT	Reiek	Tuahzawl	0	19	19	14	0	14
MAMIT	Reiek	Rawpuichhip	0	32	32	16	0	16
MAMIT	Zawlnuam	Tuidam	0	52	52	18	0	18
MAMIT	Zawlnuam	Zawlnuam (NT) - Ward No.2	0	72	72	19	0	19
MAMIT	Zawlnuam	Darlak	0	76	76	19	0	19
MAMIT	West Phaileng	Damparengpui	0	84	84	19	0	19
SERCHHIP	Biate	Biate (NT) - Ward No.1	6	40	46	18	2	16
SERCHHIP	East Lungdar (Part)	E.Lungdar	8	93	101	20	2	18
SERCHHIP	N.Vanlaiphai	N.Vanlaiphai (NT) - Ward No.1	86	148	234	21	8	13
SIAHA	Siaha	Zero point	0	20	20	14	0	14
SIAHA	Siaha	Chhaolo - III	0	34	34	17	0	17
SIAHA	Tipa	Chapi - II	0	43	43	17	0	17
SIAHA	Tipa	Tipa D-II	0	56	56	18	0	18
SIAHA	Tipa	Tisi - II	0	63	63	19	0	19
SIAHA	Tipa	Bymari	0	86	86	19	0	19
SIAHA	Siaha	Saiha (NT) WARD NO.-0002	0	96	96	20	0	20
SIAHA	Tipa	Kaisie	88	29	117	20	15	5

Abbreviations:

a :	District Name	f :	Cattle + Bullalo Population
b :	Block Name	g :	Number of units to Sample
c :	Village Name	h :	Buffalo Proportion
d :	Buffalo Population	i :	Cattle proportion
e :	Cattle Population		

FMD/SEROSUR/NIVEDI/Nagaland24/2022**Stratified Random Sampling:**

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 10 + (Cattle + Buffalo) = 714

Design Level Prevalence = 0.2464

Cluster Level Prevalence = 0.02464

Sensitivity of the test used = 0.90

Total No of Villages (Clusters) Selected = 99

Total No of Animals to be Sampled = 982 (Restricted)

DISTRICT_NAME (a)	BLOCK_NAME (b)	VILLAGE_NAME (c)	Buffalo Population (d)	Cattle Population (e)	Cattle + Buffalo Population (f)	Number of units to sample (g)	Buffalo Proportion (h)	Cattle Proportion (i)
Dimapur	Dimapur Sadar	Kacharigaon (Phevima)	0	31	31	9	0	9
Dimapur	Aquqhnaqua	Luhezhe	5	38	43	10	1	9
Dimapur	Medziphema	Pherima	35	20	55	10	6	4
Dimapur	Aquqhnaqua	Nikihe	6	55	61	10	1	9
Dimapur	Dhansiripar	Sangtamtila	22	55	77	10	3	7
Dimapur	Chumukedima	Khriezephe	0	87	87	10	0	10
Dimapur	Niuland	Hevikhe	0	92	92	10	0	10
Dimapur	Niuland	Vishiyi	0	94	94	10	0	10
Dimapur	Medziphema	Kuki Dolong	38	87	125	11	3	8
Dimapur	Medziphema	Tsuma	86	87	173	11	5	6
Dimapur	Dhansiripar	Khekiho	18	182	200	11	1	10
Dimapur	Dhansiripar	Amaluma	2	207	209	11	0	11
Dimapur	Dhansiripar	Dhansiripar Vill.	0	224	224	11	0	11
Dimapur	Dhansiripar	A.K. Industrial (Ur)	4	227	231	11	0	11
Dimapur	Nihokhu	Nikhekhu	2	265	267	11	0	11
Dimapur	Aquqhnaqua	P.Vihoto	232	834	1066	11	2	9
Kiphire	Sitimi	Shothoumi B	0	17	17	8	0	8
Kiphire	Sitimi	Kiyezhe	0	29	29	9	0	9
Kiphire	Sitimi	Honito	0	46	46	10	0	10
Kiphire	Sitimi	Tsungar	0	54	54	10	0	10
Kiphire	Seyochung	Seyochung Vill.	0	67	67	10	0	10
Kohima	Chiephobozou	Ziezou	0	17	17	8	0	8
Kohima	Chiephobozou	Nerhema Model	0	41	41	10	0	10
Kohima	Chiephobozou	Chiechama	0	43	43	10	0	10
Kohima	Kohima Sadar	Chedema Village	0	44	44	10	0	10
Kohima	Tseminyu	Likhwenchu	0	64	64	10	0	10
Kohima	Chiephobozou	Tsiesema Basa	49	58	107	10	5	5
Kohima	Jakhama	Kigwema	0	115	115	10	0	10
Kohima	Tsogin	Tsosinyu	0	248	248	11	0	11
Longleng	Tamlu	Shitap	0	129	129	11	0	11
Longleng	Longleng	Bhumnyu (Mongnyu)	0	210	210	11	0	11
Longleng	Longleng	Yaongyimchen	0	228	228	11	0	11
Mokokchung	Mangkolemba	Mulongkimong	0	11	11	7	0	7
Mokokchung	Changtongya	Yaongyimsen	0	15	15	8	0	8
Mokokchung	Merangmen	Moayimti	0	25	25	9	0	9
Mokokchung	Tuli	Anaki 'c	0	31	31	9	0	9
Mokokchung	Longchem	Aonokpuyimsen (Ur)	0	32	32	10	0	10

Mokokchung	Ongpangkong	Chuchuyimpang	0	43	43	10	0	10
Mokokchung	Mangkolemba	Shihaphumi	0	47	47	10	0	10
Mokokchung	Tsurangkong	Satsuk	0	124	124	11	0	11
Mokokchung	Mangkolemba	Changki	0	186	186	11	0	11
Mon	Mon Sadar	Pongkong	0	28	28	9	0	9
Mon	Phomching	Phomching Hq	0	32	32	10	0	10
Mon	Mopong	Mopong Hq	10	35	45	10	2	8
Mon	Mopong	Yonghong	58	5	63	10	9	1
Mon	Tizit Town Council	Tizit Town (TC) - Ward No.8	11	55	66	10	2	8
Mon	Mon Sadar	Goching	62	12	74	10	8	2
Mon	Tizit Town Council	Tizit Town (TC) - Ward No.3	4	117	121	10	0	10
Mon	Angiangyang	Jakphang	91	36	127	11	8	3
Mon	Mopong	Ukha	131	10	141	11	10	1
Mon	Hunta	Yannyu	0	246	246	11	0	11
Peren	Tening	Tepun	13	25	38	10	3	7
Peren	Jalukie	Old Mhai	40	33	73	10	5	5
Peren	Peren	Peletkie	0	104	104	10	0	10
Peren	Athibung	Ikiesingram	33	171	204	11	2	9
Peren	Athibung	Pellhang	192	54	246	11	9	2
Peren	Athibung	Phanjang	189	176	365	11	6	5
Peren	Athibung	Athibung	606	580	1186	11	6	5
Phek	Phor	Phor	4	9	13	8	2	6
Phek	Chizami	Zeluma	0	20	20	9	0	9
Phek	Pfütsero	Lekromi	0	32	32	10	0	10
Phek	Pfütsero	Kami	0	36	36	10	0	10
Phek	Chozuba Town Council	Chozuba Town (TC) - Ward No.8	6	38	44	10	1	9
Phek	Chetheba	K Bawe	0	69	69	10	0	10
Phek	Razieba	Zavachu	0	82	82	10	0	10
Phek	Pfütsero	R.D Block Kikuma (Ur)	23	75	98	10	2	8
Phek	Razieba	Zhavame	32	89	121	10	3	7
Tuensang	Noksen	Younyu	0	21	21	9	0	9
Tuensang	Sangsangnyu	Maksha	3	22	25	9	1	8
Tuensang	Sangsangnyu	Keshai	0	26	26	9	0	9
Tuensang	Sangsangnyu	Nyimnyim	0	44	44	10	0	10
Tuensang	Chessore	Longtokor	0	46	46	10	0	10
Tuensang	Mangko	Kiutsukiur	0	55	55	10	0	10
Tuensang	Chare	Longkhitpe	0	67	67	10	0	10
Tuensang	Chare	Chare Hq	0	84	84	10	0	10
Tuensang	Chessore	Ayiponger	0	91	91	10	0	10
Tuensang	Shamator Town Council	Shamator Town (TC) - Ward No.10	0	107	107	10	0	10
Wokha	Sanis	Yonchuchor	0	11	11	7	0	7
Wokha	Bhandari	Liphi	0	19	19	9	0	9
Wokha	Wokha Town Council	Wokha (TC) - Ward No.4 VANA	1	23	24	9	0	9
Wokha	Aitepyong	Mekokla	0	28	28	9	0	9
Wokha	Wozhuro	Yankeli	0	30	30	9	0	9
Wokha	Changpang	Aqhauitito	0	31	31	9	0	9
Wokha	Changpang	Khakathato	0	44	44	10	0	10

Wokha	Lotsu	Lotsu Hq	10	38	48	10	2	8
Wokha	Wozhuro	Phiro	0	63	63	10	0	10
Wokha	Ralan	Yampha	4	117	121	10	0	10
Zunheboto	Asuto	Atunakugha	0	26	26	9	0	9
Zunheboto	Zunheboto Sadar	Kawoto	0	27	27	9	0	9
Zunheboto	Zunheboto Sadar	Sukhalu	0	47	47	10	0	10
Zunheboto	Atoizu	Naghuto (New)	0	49	49	10	0	10
Zunheboto	Aghunato	Aghiyili	0	53	53	10	0	10
Zunheboto	Suruhuto	Vedami	0	55	55	10	0	10
Zunheboto	Aghunato	Nihoshe (S)	0	80	80	10	0	10
Zunheboto	Aghunato	Akubani New	0	88	88	10	0	10
Zunheboto	Zunheboto Sadar	Shotomi	0	108	108	10	0	10
Zunheboto	Suruhuto	Aichi Saghami	0	113	113	10	0	10
Zunheboto	Satakha	Shoipu	0	122	122	10	0	10
Zunheboto	Ghathashi	Ghathashi Hq	0	146	146	11	0	11

Abbreviations:

a :	District Name	f :	Cattle + Bullalo Population
b :	Block Name	g :	Number of units to Sample
c :	Village Name	h :	Buffalo Proportion
d :	Buffalo Population	i :	Cattle proportion
e :	Cattle Population		

FMD/SEROSUR/NIVEDI/Odisha25/2022**Stratified Random Sampling:**

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 200 + (Cattle + Buffalo) = 10348

Design Level Prevalence = 0.1658

Cluster Level Prevalence = 0.01658

Sensitivity of the test used = 0.90

Total No of Villages (Clusters) Selected = 200 (+7 Reserved Villages)

Total No of Animals to be Sampled = 3200

DISTRICT_NAME (a)	BLOCK_NAME (b)	VILLAGE_NAME (c)	Buffalo Population (d)	Cattle Population (e)	Cattle + Buffalo Population (f)	Number of units to sample (g)	Buffalo Proportion (h)	Cattle Proportion (i)
Anugul	Handapa	Dhundi	0	323	323	16	0	16
Anugul	Bantala	Dalabeherasahi	0	364	364	16	0	16
Anugul	Jarapada	Dubanali	0	367	367	16	0	16
Anugul	Kishorenagar	Kusuni	28	497	525	16	1	15
Anugul	Nalco	Balarampasadpatna(Part)	0	638	638	16	0	16
Anugul	Kishorenagar	Angapada	0	1206	1206	16	0	16
Balangir	Turekela	Kharli	6	208	214	15	0	15
Balangir*	Balangir	Balangir (M) - Ward No.21	2	273	275	16	0	16
Balangir	Patnagarh	Luhasingha	0	302	302	16	0	16
Balangir	Loisinga	Mursundha	64	258	322	16	3	13
Balangir	Turekela	Ghunesh	0	495	495	16	0	16
Balangir	Belpara	Thudibahal	58	494	552	16	2	14
Balangir	Titlagarh	Ghodar	116	815	931	16	2	14
Baleshwar	Khantapada	Mala	0	230	230	15	0	15
Baleshwar	Basta	Somnathapur	0	274	274	16	0	16
Baleshwar	Soro	Soro (M) - Ward No.13	0	318	318	16	0	16
Baleshwar	Baliapal	Chhada	0	357	357	16	0	16
Baleshwar	Raibania	Rajanagarpatna	0	374	374	16	0	16
Baleshwar	Soro	Ainri	0	478	478	16	0	16
Baleshwar	Singla	Kadarayan	0	500	500	16	0	16
Baleshwar	Berhampur	Pithahata	0	505	505	16	0	16
Baleshwar	Kamarda	Kusuda	0	622	622	16	0	16
Baleshwar*	Jaleswar	Rayaramachandrapur	0	1004	1004	16	0	16
Bargarh	Bargarh Sadar	K. Turunga	4	271	275	16	0	16
Bargarh	Jharbandha	Baitalbhata	0	349	349	16	0	16
Bargarh	Paikamal	Dudukijharia	7	381	388	16	0	16
Bargarh	Padmapur	Singanpur	11	414	425	16	0	16
Bargarh	Gaisilet	Jagalpat	0	509	509	16	0	16
Bhadrak	Chandabali	Mulakaema	0	295	295	16	0	16
Bhadrak	Bansada	Khadalpokhari	112	383	495	16	4	12
Bhadrak	Bansada	Purnaprasad	0	556	556	16	0	16
Bhadrak	Bhadrak Rural	Gelpur	0	653	653	16	0	16
Bhadrak	Basudebpur	Bachhada	120	917	1037	16	2	14
Boudh	Kantamal	Masinagora	35	219	254	16	2	14
Boudh	Harbhanga	Budhikan	28	265	293	16	2	14
Boudh	Harbhanga	Bukesinga	113	279	392	16	5	11
Boudh	Baudh Sadar	Mahibahal	4	414	418	16	0	16

Boudh	Harbhanga	Panighara	184	250	434	16	7	9
Cuttack	Mahanga	Mogolpatna	0	219	219	15	0	15
Cuttack	Badamba	Beliapal	15	348	363	16	1	15
Cuttack	Gurudijhatia	Narangabasta	2	375	377	16	0	16
Cuttack*	Baidyeswar	Kantakai	0	384	384	16	0	16
Cuttack	Nemalo	Nagaspur	0	394	394	16	0	16
Cuttack	Olatapur	Chheda	40	800	840	16	1	15
Cuttack	Niali	Patrakana	54	843	897	16	1	15
Cuttack	Cuttack Sadar	Santol	204	718	922	16	4	12
Deogarh	Barkot	Chapabahal	147	289	436	16	5	11
Deogarh	Kundheigola	Khilei	0	757	757	16	0	16
Dhenkanal	Motunga	Ranjasinga	73	304	377	16	3	13
Dhenkanal	Hindol	Dhobaninandar	28	483	511	16	1	15
Dhenkanal	Kamakshyanagar	Sitalabasa	0	583	583	16	0	16
Dhenkanal	Nihalprasad	Tolarpasi	76	768	844	16	1	15
Dhenkanal	Dhenkanal Sadar	Chandrasekharprasad	40	1014	1054	16	1	15
Gajapati	Garabandha	Lumundasing	0	218	218	15	0	15
Gajapati	R.Udaygiri	N.Jhalarasing	0	257	257	16	0	16
Gajapati	Gurandi	Rajasitapur	108	212	320	16	5	11
Gajapati	R.Udaygiri	Nidhigudi	0	320	320	16	0	16
Gajapati*	Mohana	Guburiguda	0	329	329	16	0	16
Gajapati	Adva	Danigan	0	392	392	16	0	16
Gajapati	Mohana	Mohana (Ct)	0	430	430	16	0	16
Ganjam	Seragad	Sunantara	0	213	213	15	0	15
Ganjam	Tarasingi	Jadadhara	20	263	283	16	1	15
Ganjam	Rambha	Nimasula	0	307	307	16	0	16
Ganjam	Brahmapur Sadar	Pallipadmanavapur	24	336	360	16	1	15
Ganjam	Badagada	Badalauguda	162	215	377	16	7	9
Ganjam	Bhanjanagar	Bhaliakhai	25	405	430	16	1	15
Ganjam	Hinjili	Badakhandi	0	436	436	16	0	16
Ganjam	Bhanjanagar	Mujagada	4	458	462	16	0	16
Ganjam	Digapahandi	Chakatentuli	32	515	547	16	1	15
Ganjam	Khalikote	Gurapalli	123	453	576	16	3	13
Ganjam	Hinjili	Ralabha	173	421	594	16	5	11
Ganjam	Rambha	Badarampalli	85	534	619	16	2	14
Jagatsinghapur	Jagatsinghapur	Gualipur	33	238	271	16	2	14
Jagatsinghapur	Ersama	Ersama	0	316	316	16	0	16
Jagatsinghapur	Ersama	Uchanuagan	0	376	376	16	0	16
Jagatsinghapur	Jagatsinghapur	Taratanga	20	848	868	16	0	16
Jagatsinghapur	Ersama	Ambiki	0	1720	1720	16	0	16
Jajapur	Dharmasala	Nasadipur	0	246	246	16	0	16
Jajapur	Kalinganagar	Raitikar	3	351	354	16	0	16
Jajapur	Mangalpur	Biripata	0	454	454	16	0	16
Jajapur	Kuakhia	Bhagat Bhagaban	0	454	454	16	0	16
Jajapur	Kuakhia	Suansahi	0	582	582	16	0	16
Jajapur	Dharmasala	Bhuban	79	635	714	16	2	14
Jajapur	Panikoili	Alatiri	0	787	787	16	0	16

Jharsuguda	Laikera	Barpan	0	450	450	16	0	16
Jharsuguda	Jharsuguda	Jharsuguda (M) - Ward No.13	29	637	666	16	1	15
Kalahandi	Sadar	Kutru Khamar	4	212	216	15	0	15
Kalahandi	Dharamgarh	Luhagaon	0	260	260	16	0	16
Kalahandi	Sadar	Musiguda	18	265	283	16	1	15
Kalahandi	Thuamul Rampur	Champachuan	5	288	293	16	0	16
Kalahandi*	Kegaon	Karlagaon (Kalagaon)	45	318	363	16	2	14
Kalahandi	Kegaon	Leter	4	361	365	16	0	16
Kalahandi	Madanpur Rampur	Kusurla	2	424	426	16	0	16
Kalahandi	Kesinga	Gokulsara	45	444	489	16	1	15
Kalahandi	Thuamul Rampur	Hadakharsi	194	538	732	16	4	12
Kalahandi	Kokasara	Dahagan	23	720	743	16	0	16
Kandhamal	Kotagarh	Madangi	0	210	210	15	0	15
Kandhamal	Nuagaon	Daugan	32	220	252	16	2	14
Kandhamal	Khajuripada	Chandarupadar	47	206	253	16	3	13
Kandhamal	Raikia	Murudipanga	47	250	297	16	3	13
Kandhamal	Tikabali	Rudabidingia	11	304	315	16	1	15
Kandhamal	Tumudibandha	Khandiaguda	72	259	331	16	3	13
Kandhamal	Phiringia	Lendrigan	79	253	332	16	4	12
Kandhamal	Chakapada	Ghudukapadar	49	388	437	16	2	14
Kandhamal	Raikia	Badabarba	2	499	501	16	0	16
Kandhamal	Khajuripada	Kendarasahi	83	437	520	16	3	13
Kandhamal	Tumudibandha	Birimila	142	386	528	16	4	12
Kandhamal	Tikabali	Bapalmendi (B)	20	539	559	16	1	15
Kendrapara	Kendrapara Sadar	Posta	0	210	210	15	0	15
Kendrapara	Mahakalapada	Dadhipur	0	252	252	16	0	16
Kendrapara	Kendrapara Sadar	Oragala	0	359	359	16	0	16
Kendrapara	Rajkanika	Jayanagar	0	388	388	16	0	16
Kendrapara	Pattamundai	Arua	0	629	629	16	0	16
Kendrapara	Rajnagar	Ghadiamal	127	520	647	16	3	13
Kendujhar	Jhumpura	Ghuntaposi	0	224	224	15	0	15
Kendujhar	Turumunga	Khuntapingu	0	277	277	16	0	16
Kendujhar	Ghatgaon	Raghubeda	0	380	380	16	0	16
Kendujhar	Patana	Badadhanurjayapur	0	445	445	16	0	16
Kendujhar	Turumunga	Khajuriapata	0	461	461	16	0	16
Kendujhar	Harichandanpur	Chilikidara	0	582	582	16	0	16
Kendujhar	Patana	Gorasa	30	663	693	16	1	15
Kendujhar	Harichandanpur	Pitapiti	0	1409	1409	16	0	16
Khordha	Nirakarpur	Bhagabatipada	44	158	202	15	3	12
Khordha	Tangi	Kandagadia	2	262	264	16	0	16
Khordha	Airfield (Kapila Prasad)	Ashraypur	0	393	393	16	0	16
Khordha	Balipatna	Khajuriapada	4	438	442	16	0	16
Khordha	Balipatna	Oriso	0	1078	1078	16	0	16
Khordha	Chandaka	Daruthenga	0	1197	1197	16	0	16
Koraput	Kotpad	Miriguda	46	172	218	15	3	12
Koraput	Machh Kund	Akanta	72	260	332	16	3	13
Koraput	Kotpad	Chitagam	44	314	358	16	2	14

Koraput	Bhairabsingipur	Badaindhanpur	18	358	376	16	1	15
Koraput	Machh Kund	Kangarapada	14	367	381	16	1	15
Koraput	Koraput	Tola	35	371	406	16	1	15
Koraput	Nandapur	Debatahanjar	112	419	531	16	3	13
Koraput	Padua	Pantalung	91	442	533	16	3	13
Koraput	Pottangi	Pondoi (Pandei)	35	563	598	16	1	15
Koraput	Damonjodi	Bhejaput	4	714	718	16	0	16
Malkangiri	Mathili	Tulasi	0	421	421	16	0	16
Malkangiri	Kalimela	Undurganda	4	568	572	16	0	16
Malkangiri	Orkel	Parkanmala	6	743	749	16	0	16
Malkangiri	M.V. 79	Jabanpalli	0	887	887	16	0	16
Malkangiri	Podia	Supulur	0	957	957	16	0	16
Mayurbhanj	Tiring	Bhaktamahulpani	0	225	225	15	0	15
Mayurbhanj	Badampahar	Dhodichua	8	260	268	16	0	16
Mayurbhanj	Barsahi	Bariapal	0	291	291	16	0	16
Mayurbhanj	Gorumahisani	Badabantha	0	299	299	16	0	16
Mayurbhanj	Bangiriposi	Gosanipal	0	327	327	16	0	16
Mayurbhanj	Muruda	Badfera	2	328	330	16	0	16
Mayurbhanj	Baisinga	Singarpura	0	355	355	16	0	16
Mayurbhanj	Betanati	Badjod	87	280	367	16	4	12
Mayurbhanj	Khunta	Taradasol	0	404	404	16	0	16
Mayurbhanj	Udala	Musakhai	0	416	416	16	0	16
Mayurbhanj	Sharata	Siriapal	0	462	462	16	0	16
Mayurbhanj	Sharata	Dillisahar	0	560	560	16	0	16
Mayurbhanj	Kaptipada	Koliolalsamil Pagadadiha	0	592	592	16	0	16
Mayurbhanj	Baripada	Suarnarekha irrigation Project Colony Area (OCF Plot No. 05.08)	8	763	771	16	0	16
Mayurbhanj	Koliana	Kathruma	0	781	781	16	0	16
Nabarangpur	Dabugan	Baradei	46	381	427	16	2	14
Nabarangpur	Dabugan	Holadiguda	12	839	851	16	0	16
Nabarangpur	Umarkote	Bhikia	11	902	913	16	0	16
Nayagarh	Dasapalla	Sakeni	2	206	208	15	0	15
Nayagarh	Banigochha	Ranijhari	0	258	258	16	0	16
Nayagarh	Ranapur	Bajrakota	0	313	313	16	0	16
Nayagarh	Ranapur	Rajasunakhala (Ct)	6	328	334	16	0	16
Nayagarh	Ranapur	Gadabanikila	0	412	412	16	0	16
Nayagarh	Dasapalla	Kaiandiha	122	359	481	16	4	12
Nuapada	Nuapada	Tanwat	23	317	340	16	1	15
Nuapada	Komna	Tarabod	16	454	470	16	1	15
Puri	Nimapada	Nambilo	0	210	210	15	0	15
Puri	Nimapada	Nahantara	0	294	294	16	0	16
Puri	Kakatpur	Bhandagarh	0	446	446	16	0	16
Puri	Kakatpur	Mulagarh	0	457	457	16	0	16
Puri	Konark	Konark (NAC) - Ward No.4	0	469	469	16	0	16
Puri	Gop	Bedapur	29	536	565	16	1	15
Puri	Delanga	Jamuna Jharapada	88	844	932	16	2	14
Puri	Nimapada	Baulapada	0	1014	1014	16	0	16
Rayagada	Kashipur	Krishankebidi	0	226	226	15	0	15

Rayagada	Padmapur	Taralendi	0	241	241	15	0	15
Rayagada	Kashipur	Talapadikhal	23	220	243	15	1	14
Rayagada	Seskhal	Chanchida	36	283	319	16	2	14
Rayagada	Gudari	Naira	123	204	327	16	6	10
Rayagada*	Kalyanasingpur	Intialguda	154	194	348	16	7	9
Rayagada	Kashipur	Rautaghati	0	350	350	16	0	16
Rayagada	Gunupur	Sirijholi	159	233	392	16	6	10
Rayagada	Rayagada	Rayagada(M)- Ward No. 20	19	379	398	16	1	15
Rayagada	Tikiri	Mankadajhola	35	409	444	16	1	15
Rayagada	Gunupur	Gotalapadar	213	408	621	16	5	11
Rayagada	Gunupur	Rugudubhai	153	545	698	16	4	12
Sambalpur	Mahulpalli	Bhikapali	2	227	229	15	0	15
Sambalpur	Kochinda	Thakurniktimal	0	293	293	16	0	16
Sambalpur	Govindpur	Ghansara	0	329	329	16	0	16
Sambalpur	Dhama	Batemura	29	308	337	16	1	15
Sambalpur	Rairakhola	Samsingha	19	436	455	16	1	15
Sambalpur	Redhakhol	Redhakhol (NAC) - Ward No.9	0	555	555	16	0	16
Sonepur	Biramaharajpur	Barajhula	8	299	307	16	0	16
Sonepur	Subalaya	Bad Khamar	0	484	484	16	0	16
Sonepur	Biramaharajpur	Hingama	6	502	508	16	0	16
Sundargarh	Hemgir	Lipaspali	2	216	218	15	0	15
Sundargarh*	Baragaon	Khuntmunda	0	316	316	16	0	16
Sundargarh	Bisra	Urmei	41	363	404	16	2	14
Sundargarh	Talasara	Kanhaighara	6	423	429	16	0	16
Sundargarh	Kutra	Litibeda	0	524	524	16	0	16
Sundargarh	Sundargarh Town	Bhawaniapur	0	662	662	16	0	16
Sundargarh	Mahulapada	Daleisara	44	624	668	16	1	15
Sundargarh	Gurundia	Lachhadakindar	19	1180	1199	16	0	16
Sundargarh	Kinjirkela	Deobhubanpur	8	2629	2637	16	0	16

* Researved villages to be used for sampling if any selected village in given district is not accessible, having logistic problem or any other issues

Abbreviations:

a :	District Name	f :	Cattle + Bullalo Population
b :	Block Name	g :	Number of units to Sample
c :	Village Name	h :	Buffalo Proportion
d :	Buffalo Population	i :	Cattle proportion
e :	Cattle Population		

FMD/SEROSUR/NIVEDI/Puducherry26/2022**Stratified Random Sampling:**

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 1 + (Cattle + Buffalo) = 76

Design Level Prevalence = 0.593

Cluster Level Prevalence = 0.0593

Sensitivity of the test used = 0.90

Total No of Villages (Clusters) Selected = 42

Total No of Animals to be Sampled = 179 (Restricted)

DISTRICT_NAME (a)	BLOCK_NAME (b)	VILLAGE_NAME (c)	Buffalo Population (d)	Cattle Population (e)	Cattle + Buffalo Population (f)	Number of units to sample (g)	Buffalo Proportion (h)	Cattle Proportion (i)
Karaikal	Karaikal	Maideenpalli	0	98	98	5	0	5
Karaikal	Thirunallar Taluk	Thevampuram	0	180	180	5	0	5
Karaikal	Thirunallar Taluk	Thirunallar	8	189	197	5	0	5
Karaikal	Thirunallar Taluk	Keezhavoor (Part)	4	217	221	5	0	5
Karaikal	Karaikal Taluk	Thirumalairayanpattinam (Ct)	2	242	244	5	0	5
Karaikal	Karaikal Taluk	Poovam	0	283	283	5	0	5
Karaikal	Karaikal Taluk	Keezhaiyur (South)	0	325	325	5	0	5
Karaikal	Karaikal	Koilpathu	96	545	641	5	1	4
Mahe	Mahe	Palloor (South-East)	0	5	5	4	0	4
Pondicherry	Ozhukarai	Thattanchavady	0	5	5	4	0	4
Pondicherry	Pondicherry	Viduthalai Nagar	0	7	7	4	0	4
Pondicherry	Ozhukarai	Ashok Nagar	0	15	15	4	0	4
Pondicherry	Ozhukarai	Kadirkamam	0	16	16	4	0	4
Pondicherry	Ozhukarai	Thilaspeth	0	18	18	4	0	4
Pondicherry	Pondicherry	Vamba keerapalayam	0	19	19	4	0	4
Pondicherry	Pondicherry	Raj Bhawan	0	22	22	4	0	4
Pondicherry	Ozhukarai	Pakkamudayanpet	0	23	23	4	0	4
Pondicherry	Pondicherry	Nainar Mandapam	0	24	24	4	0	4
Pondicherry	Ozhukarai	Pethuchettipet	0	24	24	4	0	4
Pondicherry	Villianur Taluk	Perungalur	0	31	31	5	0	5
Pondicherry	Pondicherry	Muthialpet(East)	0	38	38	5	0	5
Pondicherry	Ozhukarai	Kurinji Nagar	0	43	43	5	0	5
Pondicherry	Pondicherry	Colas Nagar	16	27	43	5	2	3
Pondicherry	Pondicherry	Parimala Mudaliar Thottam	0	44	44	5	0	5
Pondicherry	Pondicherry	Nellithope	0	47	47	5	0	5
Pondicherry	Ozhukarai	Koundanpalayam	5	85	90	5	0	5
Pondicherry	Puducherry Taluk	Nallavadu	0	111	111	5	0	5
Pondicherry	Ozhukarai	Kanagachettikulam	0	117	117	5	0	5
Pondicherry	Pondicherry	V.O.C. Nagar	0	125	125	5	0	5
Pondicherry	Ozhukarai	Government Quarters Lawspet	0	144	144	5	0	5
Pondicherry	Ozhukarai	Oulgaret	0	170	170	5	0	5
Pondicherry	Villianur Taluk	Karasur	0	188	188	5	0	5
Pondicherry	Ozhukarai	Samipillaihattam	29	189	218	5	1	4
Pondicherry	Ozhukarai	Arumparthapuram	2	330	332	5	0	5
Pondicherry	Pondicherry	Ariankuppam (OG) - Ward No.43	4	555	559	5	0	5
Pondicherry	Bahour Taluk	Kariamianickam	0	710	710	5	0	5
Yanam	Yanam	Pedapudi	65	49	114	5	3	2

Yanam	Yanam	Giriumpet	300	104	404	5	4	1
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Abbreviations:

a :	District Name	f :	Cattle + Bullalo Population
b :	Block Name	g :	Number of units to Sample
c :	Village Name	h :	Buffalo Proportion
d :	Buffalo Population	i :	Cattle proportion
e :	Cattle Population		

FMD/SEROSUR/NIVEDI/Punjab27/2022

Stratified Random Sampling:

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 200 + (Cattle + Buffalo) = 8832

Design Level Prevalence = 0.1515

Cluster Level Prevalence = 0.01515

Sensitivity of the test used = 0.90

Total No of Villages (Clusters) Selected = 219 (+6 Reserved Villages)

Total No of Animals to be Sampled = 3723

DISTRICT_NAME (a)	BLOCK_NAME (b)	VILLAGE_NAME (c)	Buffalo Population (d)	Cattle Population (e)	Cattle + Buffalo Population (f)	Number of units to sample (g)	Buffalo Proportion (h)	Cattle Proportion (i)
Amritsar	Ajnala	Tur (18)	248	178	426	17	10	7
Amritsar	Ajnala	Motla (137)	135	360	495	17	5	12
Amritsar	Amritsar- Ii	Daoke (426)	353	174	527	17	11	6
Amritsar	Amritsar	Amritsar (M Corp.) - Ward	410	221	631	17	11	6
Amritsar	Baba Bakala	Nangli (69)	313	353	666	17	8	9
Amritsar*	Ajnala	Chhina Karam Singh (210)	431	307	738	17	10	7
Amritsar	Baba Bakala	Dhulka (79)	392	430	822	17	8	9
Amritsar	Ajnala	Mukam (242)	451	453	904	17	8	9
Amritsar	Ajnala	Gujjarpura (121)	489	473	962	17	9	8
Amritsar	Ajnala	Kamalpura (243)	750	521	1271	17	10	7
Amritsar	Ajnala	Kanven (171)	844	538	1382	17	10	7
Barnala	Tapa	Draka (70)	802	279	1081	17	13	4
Barnala	Barnala	Mahal Kalan (34)	1022	366	1388	17	13	4
Barnala	Barnala	Chananwal (427)	1066	554	1620	17	11	6
Bathinda	Bathinda	Akalia Khurd (7)	328	122	450	17	12	5
Bathinda	Talwandi Sabo	Teona Pujarian (130)	354	335	689	17	9	8
Bathinda	Bathinda	Virk Kalan (181)	705	593	1298	17	9	8
Bathinda	Talwandi Sabo	Jodhpur Pakhar (27)	1062	412	1474	17	12	5
Bathinda	Bathinda	Janghi Rana (86)	848	758	1606	17	9	8
Bathinda	Rampura Phul	Aklia Jalal (21)	1199	552	1751	17	12	5
Faridkot	Faridkot	Chand Baja (86)	585	240	825	17	12	5
Faridkot	Faridkot	Dhudi (90)	796	855	1651	17	8	9
Faridkot	Jaitu	Bargari (145)	1029	908	1937	17	9	8
Fatehgarh Sahib	Khamanon	Nanglan (316)	184	90	274	17	11	6
Fatehgarh Sahib	Khamanon	Bilaspur (317)	194	131	325	17	10	7
Fatehgarh Sahib	Fatehgarh Sahib	Kheri Bhai Ki (258)	217	188	405	17	9	8
Fatehgarh Sahib	Fatehgarh Sahib	Hindupur (223)	233	180	413	17	10	7
Fatehgarh Sahib	Fatehgarh Sahib	Adampur (147)	309	122	431	17	12	5
Fatehgarh Sahib	Khamanon	Badla (177)	371	151	522	17	12	5
Fatehgarh Sahib	Bassi Pathana	Kotla Fazal (171)	386	155	541	17	12	5
Fatehgarh Sahib	Fatehgarh Sahib	Manunpur (116)	348	236	584	17	10	7
Fazilka	Jalalabad	Sukhera Bodal (248/360)	255	52	307	17	14	3
Fazilka	Jalalabad	Chak Kherewala (226)	235	241	476	17	8	9
Fazilka	Fazilka	Bananwala (200)	560	337	897	17	11	6
Fazilka	Abohar	Patti Amra Urf Patti Sadiq (86)	617	595	1212	17	9	8
Fazilka	Fazilka	Behak Khas (306)	940	494	1434	17	11	6
Fazilka	Jalalabad	Ratta Khera (48)	957	775	1732	17	9	8

Firozepur	Zira	Nihalke (39)	127	146	273	17	8	9
Firozepur	Firozpur	Rukna Mungla (115)	216	80	296	17	12	5
Firozepur	Firozpur	Firozpur (M Cl) - Ward No.25	196	129	325	17	10	7
Firozepur	Firozpur	Lohgarh (144/145)	254	183	437	17	10	7
Firozepur	Firozpur	Pir Ahmad Khanwala (113)	348	115	463	17	13	4
Firozepur	Zira	Dhana Shahid (338)	306	251	557	17	9	8
Firozepur	Firozpur	Arif Ke (22)	410	240	650	17	11	6
Firozepur	Zira	Hamadwala Uttar (2)	487	287	774	17	11	6
Firozepur	Zira	Sunehar (332)	486	368	854	17	10	7
Firozepur	Firozpur	Rao Ke Hithar (334)	775	88	863	17	15	2
Gurdaspur	Gurdaspur	Rajada (514)	138	72	210	17	11	6
Gurdaspur	Batala	Patti Athwal	110	106	216	17	9	8
Gurdaspur	Gurdaspur	Bala Pindi (280)	73	181	254	17	5	12
Gurdaspur	Gurdaspur	Ghesal (697)	134	129	263	17	9	8
Gurdaspur	Batala	Burj Araian (277)	165	136	301	17	9	8
Gurdaspur*	Gurdaspur	Rasulpur (638)	239	78	317	17	13	4
Gurdaspur	Gurdaspur	Marara (2)	111	231	342	17	6	11
Gurdaspur	Gurdaspur	Laluwal (409)	175	184	359	17	8	9
Gurdaspur	Gurdaspur	Ali Nangal (171)	205	197	402	17	9	8
Gurdaspur	Gurdaspur	Raowal (323)	254	183	437	17	10	7
Gurdaspur	Batala	Ainokot Khurd	191	252	443	17	7	10
Gurdaspur	Batala	Veela Bajju (75)	196	265	461	17	7	10
Gurdaspur	Batala	Nasärke (306)	267	199	466	17	10	7
Gurdaspur	Dera Baba Nanak	Haruwal (439)	255	221	476	17	9	8
Gurdaspur	Gurdaspur	Mulianwala (406)	277	223	500	17	9	8
Gurdaspur	Gurdaspur	Kala Nangal (238)	313	193	506	17	11	6
Gurdaspur	Batala	Hassanpur Khurd (125)	322	199	521	17	11	6
Gurdaspur	Batala	Batala (M Cl) - Ward No.1	282	266	548	17	9	8
Gurdaspur	Batala	Ghas (145)	391	199	590	17	11	6
Gurdaspur	Batala	Jangla (307)	433	253	686	17	11	6
Gurdaspur	Gurdaspur	Jagowal Bangar (560)	295	394	689	17	7	10
Gurdaspur	Gurdaspur	Dula Nangal (415)	448	295	743	17	10	7
Hoshiarpur	Hoshiarpur	Nangal Isher (69)	79	141	220	17	6	11
Hoshiarpur	Hoshiarpur	Kheowal (223)	165	70	235	17	12	5
Hoshiarpur	Hoshiarpur	Bari Khad (473)	32	219	251	17	2	15
Hoshiarpur	Hoshiarpur	Sandhar (130)	118	135	253	17	8	9
Hoshiarpur	Garhshankar	Mautian (39)	116	156	272	17	7	10
Hoshiarpur	Dasua	Tund (14)	127	151	278	17	8	9
Hoshiarpur	Garhshankar	Aima Jattan (114)	163	148	311	17	9	8
Hoshiarpur	Garhshankar	Kukkaran (278)	153	159	312	17	8	9
Hoshiarpur	Hoshiarpur	Phambian (129)	135	183	318	17	7	10
Hoshiarpur	Hoshiarpur	Chakladian (435)	210	114	324	17	11	6
Hoshiarpur	Mukerian	Naurangpur (580)	124	201	325	17	6	11
Hoshiarpur	Mukerian	Dhar (550)	165	197	362	17	8	9
Hoshiarpur	Garhshankar	Panjaur (54)	188	181	369	17	9	8
Hoshiarpur	Garhshankar	Halluwal (301)	207	219	426	17	8	9
Hoshiarpur*	Hoshiarpur	Pandori Khajoor (151)	361	70	431	17	14	3

Hoshiarpur	Hoshiarpur	Fatehgarh Niara (232)	236	205	441	17	9	8
Hoshiarpur	Hoshiarpur	Bassi Gulam Hussain (352)	232	216	448	17	9	8
Hoshiarpur	Mukerian	Dhanoya (206)	232	231	463	17	9	8
Hoshiarpur	Dasua	Gondpur (42)	217	268	485	17	8	9
Hoshiarpur	Garhshankar	Sekhowal (493)	341	170	511	17	11	6
Hoshiarpur	Garhshankar	Muggowal (297)	294	293	587	17	9	8
Hoshiarpur	Garhshankar	Dagham (133)	453	356	809	17	10	7
Jalandhar	Nakodar	Chhaura (341)	172	32	204	17	14	3
Jalandhar	Jalandhar - I	Partappur (263)	172	44	216	17	14	3
Jalandhar	Jalandhar - li	Bhatnura Lubana (14)	197	80	277	17	12	5
Jalandhar	Jalandhar - li	Madar (166)	195	107	302	17	11	6
Jalandhar	Jalandhar - li	Kohja (28)	218	105	323	17	11	6
Jalandhar	Jalandhar - li	Bhagwanpur (288)	258	111	369	17	12	5
Jalandhar	Shahkot	Shahkot (NP) - Ward No.2	19	370	389	17	1	16
Jalandhar	Phillaur	Shadipur (97)	182	218	400	17	8	9
Jalandhar	Jalandhar - li	Ittan Badhi (91)	286	148	434	17	11	6
Jalandhar	Jalandhar - I	Bambianwali (235)	219	294	513	17	7	10
Jalandhar	Phillaur	Fatehpur (78)	298	228	526	17	10	7
Jalandhar	Phillaur	Salkiana (171)	432	146	578	17	13	4
Jalandhar	Phillaur	Bakapur (138)	457	121	578	17	13	4
Jalandhar	Jalandhar - I	Sikanderpur (147)	208	371	579	17	6	11
Jalandhar	Shahkot	Mandala (211)	499	116	615	17	14	3
Jalandhar	Jalandhar - li	Chitti (427)	319	365	684	17	8	9
Jalandhar	Shahkot	Nahl (206)	460	416	876	17	9	8
Kapurthala	Sultanpur Lodhi	Lakh Warah (105)	186	35	221	17	14	3
Kapurthala	Kapurthala	Kasso Chahal (186)	74	198	272	17	5	12
Kapurthala	Phagwara	Dhak Khaliwara (69)	170	139	309	17	9	8
Kapurthala	Sultanpur Lodhi	Thatta (48)	168	176	344	17	8	9
Kapurthala	Kapurthala	Bihariapur (165)	134	260	394	17	6	11
Kapurthala	Kapurthala	Miani Bola (76)	234	162	396	17	10	7
Kapurthala*	Kapurthala	Murar (230)	208	224	432	17	8	9
Kapurthala	Sultanpur Lodhi	Khijarpur (74)	444	12	456	17	17	0
Kapurthala	Kapurthala	Dham (7)	397	65	462	17	15	2
Kapurthala	Phagwara	Naroor (18)	295	244	539	17	9	8
Kapurthala	Kapurthala	Khole	316	238	554	17	10	7
Kapurthala	Phagwara	Bhakhriana (1)	301	429	730	17	7	10
Ludhiana	Raikot	Sattowal (163)	203	56	259	17	13	4
Ludhiana	Samrala	Jodhwal (21)	148	114	262	17	10	7
Ludhiana	Ludhiana (East)	Bhaman Khurd (204)	175	222	397	17	7	10
Ludhiana	Samrala	Salana (275)	241	216	457	17	9	8
Ludhiana	Ludhiana (West)	Bains (145)	321	180	501	17	11	6
Ludhiana	Raikot	Acharwal 171)	375	164	539	17	12	5
Ludhiana	Ludhiana (East)	Jiwanpur (57)	402	164	566	17	12	5
Ludhiana	Ludhiana (East)	Mand Chaunta (27)	435	215	650	17	11	6
Ludhiana	Ludhiana (East)	Garhi Fazil (44)	361	304	665	17	9	8
Ludhiana	Payal	Jaipura (245)	421	295	716	17	10	7
Ludhiana	Raikot	Andlu (200)	648	182	830	17	13	4

Ludhiana	Samrala	Lal Kalan (338)	391	454	845	17	8	9
Ludhiana	Payal	Rajgarh (243)	593	296	889	17	11	6
Ludhiana	Samrala	Balion (90)	640	485	1125	17	10	7
Ludhiana	Samrala	Shamaspur (131)	666	645	1311	17	9	8
Ludhiana	Raikot	Johlan (89)	1334	555	1889	17	12	5
Ludhiana	Payal	Ghudani Kalan (228)	1140	789	1929	17	10	7
Mansa	Budhlada	Satike (141)	539	91	630	17	15	2
Mansa	Sardulgarh	Burj Bhalai (102)	810	146	956	17	14	3
Mansa	Mansa	Chahlanwala (89)	746	303	1049	17	12	5
Mansa	Mansa	Joga (8)	2115	862	2977	17	12	5
Mansa	Mansa	Khiala Kalan (52)	2598	523	3121	17	14	3
Moga	Dharamkot	Melak Kangan (208)	253	104	357	17	12	5
Moga	Nihal Singhwala	Burj Hamira (146)	374	242	616	17	10	7
Moga	Dharamkot	Maujgarh (249)	468	244	712	17	11	6
Moga	Bagha Purana	Sangatpura (140)	633	255	888	17	12	5
Moga	Moga	Rauli (28)	958	396	1354	17	12	5
Moga	Bagha Purana	Langiana Nawan (77)	1322	589	1911	17	12	5
Muktsar	Malout	Kangan Khara (Kanganpura) (49)	299	370	669	17	8	9
Muktsar	Malout	Fatuhiwala (6)	307	429	736	17	7	10
Muktsar	Gidderbaha	Sahib Chand (12)	458	376	834	17	9	8
Muktsar	Muktsar	Tamkot (39)	492	582	1074	17	8	9
Muktsar	Gidderbaha	Kot Bhai (10)	1888	2330	4218	17	8	9
Nawanshahr (Sbs Nagar)	Nawanshahr	Majhoor (238)	137	84	221	17	11	6
Nawanshahr (Sbs Nagar)	Nawanshahr	Jethu Mazara (136)	177	145	322	17	9	8
Nawanshahr (Sbs Nagar)	Balachaur	Ghamour (216)	292	53	345	17	14	3
Nawanshahr (Sbs Nagar)	Nawanshahr	Thathiala (266)	14	348	362	17	1	16
Nawanshahr (Sbs Nagar)	Nawanshahr	Rahon(Ghakewal) (223)	240	180	420	17	10	7
Nawanshahr (Sbs Nagar)	Nawanshahr	Kang (169)	174	329	503	17	6	11
Nawanshahr (Sbs Nagar)	Nawanshahr	Saloh (162)	345	290	635	17	9	8
Nawanshahr (Sbs Nagar)	Nawanshahr	Daryapur (278)	402	347	749	17	9	8
Pathankot	Pathankot	Khani Khui (268)	130	90	220	17	10	7
Pathankot	Pathankot	Pathankot (M Cl) - Ward No.1	18	237	255	17	1	16
Pathankot	Pathankot	Darsopur (325)	162	156	318	17	9	8
Pathankot	Dhar Kalan	Dalla	149	177	326	17	8	9
Pathankot	Pathankot	Mahi Chack	245	94	339	17	12	5
Pathankot	Pathankot	Kother (375)	52	341	393	17	2	15
Pathankot	Pathankot	Ferozepur Kalan (224)	104	314	418	17	4	13
Pathankot	Dhar Kalan	Nairi	180	330	510	17	6	11
Pathankot	Pathankot	Chuhan (277)	398	232	630	17	11	6
Patiala	Rajpura	Salempur Sekhan (126)	190	23	213	17	15	2
Patiala	Rajpura	Sehra (275)	231	16	247	17	16	1
Patiala	Rajpura	Paharipur (90)	218	92	310	17	12	5
Patiala	Rajpura	Lohchwan (122)	267	65	332	17	14	3
Patiala	Patiala	Daraula (22)	254	88	342	17	13	4
Patiala	Patiala	Kheri Manian (4)	265	203	468	17	10	7
Patiala	Patran	Harchandpura (81)	242	236	478	17	9	8
Patiala *	Patiala	Kheri Gujran (35)	323	177	500	17	11	6

Patiala	Patiala	Sidhuwal (36) (Part)	412	130	542	17	13	4
Patiala	Rajpura	Kharola (3)	482	84	566	17	14	3
Patiala	Nabha	Saluwala (208)	364	293	657	17	9	8
Patiala	Nabha	Bauran Kalan (202)	695	78	773	17	15	2
Patiala	Nabha	Nauhra (104)	551	337	888	17	11	6
Patiala	Samana	Kakrala (71)	876	53	929	17	16	1
Patiala	Nabha	Bhore (110)	596	342	938	17	11	6
Patiala	Patiala	Laluchhi (67)	660	308	968	17	12	5
Rupnagar	Anandpur Sahib	Mehndali Khurd (327)	182	24	206	17	15	2
Rupnagar	Anandpur Sahib	Sandhoa (508)	215	109	324	17	11	6
Rupnagar	Rup Nagar	Patial (30)	197	137	334	17	10	7
Rupnagar	Nangal	Bela Ramgarh -270	212	146	358	17	10	7
Rupnagar	Rup Nagar	Ranjitpura Bas (7)	235	169	404	17	10	7
Rupnagar	Chamkaur Sahib	Sarhana (279)	129	329	458	17	5	12
Rupnagar	Chamkaur Sahib	Bamnara (232)	328	216	544	17	10	7
Rupnagar	Chamkaur Sahib	Doom Chheri (262)	449	177	626	17	12	5
Rupnagar	Chamkaur Sahib	Nathwalpur (233)	313	334	647	17	8	9
Rupnagar	Anandpur Sahib	Jhandian (515)	526	416	942	17	9	8
S.A.S Nagar	Kharar	Bibipur (376)	182	45	227	17	14	3
S.A.S Nagar	Kharar	Mirzapur (326)	364	8	372	17	17	0
S.A.S Nagar	Dera Bassi	Sadhanpur (151)	274	123	397	17	12	5
S.A.S Nagar	Kharar	Neholka (128)	380	81	461	17	14	3
S.A.S Nagar	Dera Bassi	Fatehpur (32)	336	150	486	17	12	5
S.A.S Nagar	Dera Bassi	Kheri Jattan (186)	505	36	541	17	16	1
S.A.S Nagar	Kharar	Siunk (344)	580	13	593	17	17	0
S.A.S Nagar	Dera Bassi	Kuranwala (4)	728	171	899	17	14	3
Sangrur	Sunam	Kheri Naga (115)	196	46	242	17	14	3
Sangrur	Sangrur	Thalesh (25)	388	96	484	17	14	3
Sangrur	Sangrur	Pindi Satipura	378	114	492	17	13	4
Sangrur	Malerkotla	Dalelgarh (84)	562	125	687	17	14	3
Sangrur*	Sunam	Ghanaur Jattan (100)	531	199	730	17	12	5
Sangrur	Sunam	Khanpur Faqiran (102)	604	165	769	17	13	4
Sangrur	Sangrur	Banganwali (20)	532	238	770	17	12	5
Sangrur	Malerkotla	Manvi (135)	1158	424	1582	17	12	5
Sangrur	Sunam	Gandwan (43)	1858	331	2189	17	14	3
Sangrur	Sunam	Chhahar (33)	2166	711	2877	17	13	4
Sangrur	Moonak	Mandvi (118)	2962	890	3852	17	13	4
Sangrur	Sunam	Chhajli (36)	3343	1306	4649	17	12	5
Tarn Taran	Patti	Gharyala Baba Atma Singh	197	56	253	17	13	4
Tarn Taran	Khadur Sahib	Kiri Shahi (330)	199	178	377	17	9	8
Tarn Taran	Tarn Taran	Maluwal (205)	354	227	581	17	10	7
Tarn Taran	Patti	Mari Gaur Singh (119)	457	143	600	17	13	4
Tarn Taran	Tarn Taran	None (83)	406	230	636	17	11	6
Tarn Taran	Patti	Dhul Kohna (78)	719	274	993	17	12	5
Tarn Taran	Khadur Sahib	Jama Rai (347)	704	413	1117	17	11	6
Tarn Taran	Patti	Manhala Jai Singh (165)	882	255	1137	17	13	4
Tarn Taran	Khadur Sahib	Dhunda (343)	1000	248	1248	17	14	3

* Reserved villages to be used for sampling if any selected village in given district is not accessible, having logistic problem or any other issues

Abbreviations:

a :	District Name	f :	Cattle + Buffalo Population
b :	Block Name	g :	Number of units to Sample
c :	Village Name	h :	Buffalo Proportion
d :	Buffalo Population	i :	Cattle proportion
e :	Cattle Population		

FMD/SEROSUR/NIVEDI/Rajasthan28/2022**Stratified Random Sampling:**

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 200 + (Cattle + Buffalo) = 23256

Design Level Prevalence = 0.2153

Cluster Level Prevalence = 0.02153

Sensitivity of the test used = 0.90

Total No of Villages (Clusters) Selected = 154

Total No of Animals to be Sampled = 1848

DISTRICT_NAME (a)	BLOCK_NAME (b)	VILLAGE_NAME (c)	Buffalo Population (d)	Cattle Population (e)	Cattle + Buffalo Population (f)	Number of units to sample (g)	Buffalo Proportion (h)	Cattle Proportion (i)
Ajmer	Peesangan	Makrera	1800	593	2393	12	9	3
Ajmer	Kishangarh	Kucheel	1736	896	2632	12	8	4
Alwar	Tijara	Tijara (M) - Ward No.4	192	90	282	12	8	4
Alwar	Alwar	Gajeeeka	344	39	383	12	11	1
Alwar	Bansur	Dangiwas	731	44	775	12	11	1
Alwar	Kathumar	Ishroti	677	183	860	12	9	3
Alwar	NEEMRANA	Nangli Balai	766	125	891	12	10	2
Alwar	Alwar	Mannaka (Og)	951	85	1036	12	11	1
Alwar	Ramgarh	Bamboli	1899	585	2484	12	9	3
Banswara	Sajjangarh	Rupa Khedi	138	355	493	12	3	9
Banswara	Gangartalai	Gangar Talai Jooni	228	445	673	12	4	8
Banswara	Bagidora	Chheenench	499	440	939	12	6	6
Banswara	Ghatol	Padal Chhoti	495	762	1257	12	5	7
Banswara	ANANDPURI	Kangaliya	410	872	1282	12	4	8
Baran	Shahbad	Bainta	232	382	614	12	5	7
Baran	Atru	Kawai (Ct)	246	542	788	12	4	8
Baran	Shahbad	Sirsod Khurd	467	399	866	12	6	6
Barmer	Sheo	Motinara	9	227	236	12	0	12
Barmer	Barmer	Adarsh Basti Bishala	28	276	304	12	1	11
Barmer	Barmer	Asuon Ki Dhani	34	324	358	12	1	11
Barmer	Ramsar	Chadar Dakhnad	4	428	432	12	0	12
Barmer	Sindhari	MOTINAGAR	151	369	520	12	3	9
Barmer	Gadra Road	Deoron Ki Basti	7	526	533	12	0	12
Barmer	Barmer	Sokhru	37	707	744	12	1	11
Barmer	DHORIMANNA	Khoomi Ki Beri	267	481	748	12	4	8
Barmer	Sindhari	Lolawa	539	897	1436	12	5	7
Barmer	Barmer	Sanjata	293	1624	1917	12	2	10
Bharatpur	Kaman	Kaman (M) - Ward No.3	230	75	305	12	9	3
Bharatpur	Nadbai	Kothen Khurd	347	70	417	12	10	2
Bharatpur	Nagar	Jaishri (Jaisri)	361	358	719	12	6	6
Bharatpur	Deeg	Badesara	643	135	778	12	10	2
Bharatpur	Nadbai	Saindoli	688	192	880	12	9	3
Bharatpur	Kumher	Astavan Jadid	534	384	918	12	7	5
Bhilwara	Mandal	Nanakpura	169	287	456	12	4	8
Bhilwara	Jahazpur	Bhuwar	238	295	533	12	5	7
Bhilwara	Raipur	Jogras	270	509	779	12	4	8
Bhilwara	Mandal	Keerkhera	738	402	1140	12	8	4

Bhilwara	Kotri	Birdhol	525	711	1236	12	5	7
Bikaner	Bikaner	Surdhana Chouhanan	121	1439	1560	12	1	11
Bikaner	BAJJU	Phulasar Chhota	57	2598	2655	12	0	12
Bikaner	Kolayat	Gariyala	0	2857	2857	12	0	12
Bundi	Bundi	Seenta	433	208	641	12	8	4
Bundi	Nainwa	Bachhola	776	782	1558	12	6	6
Chittorgarh	Begun	Gunta	170	245	415	12	5	7
Chittorgarh	Dungla	PEELA KHERA	466	70	536	12	10	2
Chittorgarh	Kapasan	Turkiya Khurd	520	292	812	12	8	4
Chittorgarh	Chittaurgarh	Pal Ka Khera	369	476	845	12	5	7
Chittorgarh	Chittaurgarh	Odoond	1023	339	1362	12	9	3
Churu	Sardarshahar	Sawai Sanwal	70	457	527	12	2	10
Churu	Rajgarh	Budhawas	396	369	765	12	6	6
Churu	Chhapar	Chhapar (M) - Ward No.15	127	716	843	12	2	10
Churu	Sardarshahar	Patam Desar	269	770	1039	12	3	9
Churu	Bidasar	Benatha Jogliya	577	507	1084	12	6	6
Dausa	Baswa	Dwarapura	528	148	676	12	9	3
Dausa	Sikrai	Gujar Bairada	970	0	970	12	12	0
Dausa	Sikrai	Kundera Doongar	1022	125	1147	12	11	1
Dholpur	SARMATHURA	Birja	532	112	644	12	10	2
Dholpur	Dhaulpur	Purani Chawani (OG) - Ward No.37	557	128	685	12	10	2
Dholpur	Sepau	Donari	933	146	1079	12	10	2
Dungarpur	BICHIWARA	Watra	295	466	761	12	5	7
Dungarpur	JOTHARI	Surata	413	1038	1451	12	3	9
Dungarpur	BICHIWARA	Jhaloo Kua	505	1195	1700	12	4	8
Ganganagar	Anupgarh	2 P-A	71	151	222	12	4	8
Ganganagar	Vijainagar	8 Gb	95	171	266	12	4	8
Ganganagar	Ganganagar	12Lnp	21	249	270	12	1	11
Ganganagar	Ganganagar	2 LI	182	291	473	12	5	7
Ganganagar	Suratgarh	14 Stb-B	159	327	486	12	4	8
Ganganagar	Padampur	Faqirwali Barani	0	561	561	12	0	12
Ganganagar	Raisinghnagar	3 Ffb	108	465	573	12	2	10
Ganganagar	Suratgarh	5 Cm	40	590	630	12	1	11
Ganganagar	Gharsana	17 Md-A	185	453	638	12	3	9
Ganganagar	Padampur	2 Pp	185	810	995	12	2	10
Ganganagar	Ganganagar	5, P	521	609	1130	12	6	6
Ganganagar	Padampur	52 Lnp	398	1888	2286	12	2	10
Hanumangarh	Hanumangarh	15 Ndr-B	0	212	212	12	0	12
Hanumangarh	Pilibanga	11 Mwm	179	319	498	12	4	8
Hanumangarh	Bhadra	2 Krp	429	166	595	12	9	3
Hanumangarh	Pilibanga	6 Lgw	206	412	618	12	4	8
Hanumangarh	Hanumangarh	31 Ndr	234	512	746	12	4	8
Hanumangarh	Nohar	Bhagwansar	367	795	1162	12	4	8
Hanumangarh	Nohar	Sheorani	462	801	1263	12	4	8
Hanumangarh	Rawatsar	5 Prkm	418	1287	1705	12	3	9
Jaipur	Kotputli	Dhawali	267	14	281	12	11	1
Jaipur	Shahpura	Shahpura (M) - Ward No.25	463	44	507	12	11	1

Jaipur	Chomu	Barhawali Dhani	325	301	626	12	6	6
Jaipur	Mauzamabad	Rampura Bhoortiya	516	117	633	12	10	2
Jaipur	Kotputli	Beethloda	655	29	684	12	11	1
Jaipur	Amber	Gunawata	666	498	1164	12	7	5
Jaipur	Amber	Lakher	1119	196	1315	12	10	2
Jaipur	Jaipur	Kapariyawas	1427	568	1995	12	9	3
Jaisalmer	Jaisalmer	Amar Sagar	0	613	613	12	0	12
Jaisalmer	Fatehgarh	Tejmalta	0	1113	1113	12	0	12
Jalore	Bagora	Daman	840	146	986	12	10	2
Jalore	Sanchoe	Meda Jageer	1061	939	2000	12	6	6
Jhalawar	Pachpahar	Anwali Khurd	243	148	391	12	7	5
Jhalawar	Aklara	Bindayaka	243	150	393	12	7	5
Jhalawar	Jhalrapatan	Rundlao	341	177	518	12	8	4
Jhalawar	Pirawa	Kharpa Khurd	464	162	626	12	9	3
Jhalawar	Sunel	Boliya Bujurg	678	219	897	12	9	3
Jhunjhunu	SURAJGARH	Lakhu	318	130	448	12	9	3
Jhunjhunu	Udaipurwati	Nagli Deepsingh	464	93	557	12	10	2
Jhunjhunu	Jhunjhunun	Marigsar	187	501	688	12	3	9
Jhunjhunu	Jhunjhunun	Jhunjhunun (M) - Ward No.44	9	1124	1133	12	0	12
Jhunjhunu	SURAJGARH	Bhawathari	686	771	1457	12	6	6
Jodhpur	Balesar	Ramsingh Nagar	37	176	213	12	2	10
Jodhpur	Jodhpur	Siriyade Gaon	156	231	387	12	5	7
Jodhpur	Phalodi	Jawar Nada	12	665	677	12	0	12
Jodhpur	Bapini	Bedoo Kalan	57	883	940	12	1	11
Jodhpur	Phalodi	Reen	0	1321	1321	12	0	12
Jodhpur	Bapini	Denok	404	1303	1707	12	3	9
Jodhpur	Jodhpur	Jodhpur (M Corp.) - Ward No.5	31	4888	4919	12	0	12
Karauli	Todabhim	Vishan Pura	496	59	555	12	11	1
Karauli	Sapotra	Chacheri	1172	403	1575	12	9	3
Kota	Sangod	Sangod (M) - Ward No.15	205	271	476	12	5	7
Kota	Pipalda	Rajopa	383	305	688	12	7	5
Nagaur	Degana	Bhawal Charna	187	136	323	12	7	5
Nagaur	Degana	Nathawara	233	122	355	12	8	4
Nagaur	Parbatsar	Barev	499	199	698	12	9	3
Nagaur	Didwana	Thebri	479	247	726	12	8	4
Nagaur	MUNDWA	Jhoojhanda	724	375	1099	12	8	4
Nagaur	Nagaur	Sadokan	449	675	1124	12	5	7
Nagaur	MUNDWA	Sheelgaon	969	571	1540	12	8	4
Pali	Jaitaran	Jaitaran (M) - Ward No.3	178	302	480	12	4	8
Pali	Bali	Lalrai	499	94	593	12	10	2
Pali	Sojat	Meo	133	587	720	12	2	10
Pali	Marwar Junction	Panchetiya	135	1137	1272	12	1	11
Pali	Marwar Junction	Bithora Kalan	390	976	1366	12	3	9
Pratapgarh	Chhoti Sadri	Jhala Ka Khera	171	511	682	12	3	9
Pratapgarh	Chhoti Sadri	Narani	1360	1080	2440	12	7	5
Rajsamand	Amet	Bhakroda	214	283	497	12	5	7
Rajsamand	Rajsamand	Poothol	394	269	663	12	7	5

Rajsamand	Nathdwara	Nathdwara (M) - Ward No.29	157	1134	1291	12	1	11
Sawai Madhopur	Bamanwas	Kuagaon	599	71	670	12	11	1
Sawai Madhopur	Gangapur	Toksi	886	31	917	12	12	0
Sikar	Sikar	Nada Ki Dhani	121	305	426	12	3	9
Sikar	DHOD	Kashi Ka Bas	233	391	624	12	4	8
Sikar	DHOD	Pardoli Bari	289	426	715	12	5	7
Sikar	KHENDELA	Sothaliya	692	313	1005	12	8	4
Sikar	Danta Ramgarh	Kochhor	575	925	1500	12	5	7
Sirohi	Pindwara	Dhanari	502	224	726	12	8	4
Sirohi	Pindwara	Bhoola	192	1719	1911	12	1	11
Tonk	Todaraisingh	Bheem Garh	504	107	611	12	10	2
Tonk	Tonk	Arniyamal	777	238	1015	12	9	3
Tonk	Deoli	Santhali	689	716	1405	12	6	6
Tonk	Niwai	Dangarthal	1590	333	1923	12	10	2
Udaipur	Bhindar	Sarangpura (Bhinder)	213	83	296	12	9	3
Udaipur	Gogunda	Bhat	201	220	421	12	6	6
Udaipur	Kherwara	Boslathi	197	420	617	12	4	8
Udaipur	Lasadiya	Manpuriyon Ka Gurha	414	253	667	12	7	5
Udaipur	Kotra	Bhoola Ki Amli	192	535	727	12	3	9
Udaipur	Badgaon	Kadmal	434	526	960	12	5	7
Udaipur	Kotra	Pathar Pari	124	955	1079	12	1	11
Udaipur	Salumbar	Manpur (A)	476	1197	1673	12	3	9
Udaipur	Jhadol	Balvi Baroliya	290	1622	1912	12	2	10

Abbreviations:

a :	District Name	f :	Cattle + Bullalo Population
b :	Block Name	g :	Number of units to Sample
c :	Village Name	h :	Buffalo Proportion
d :	Buffalo Population	i :	Cattle proportion
e :	Cattle Population		

FMD/SEROSUR/NIVEDI/Sikkim29/2022**Stratified Random Sampling:**

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 10 + (Cattle + Buffalo) = 236

Animal level Prevalence = 0.18

Cluster Level Prevalence = 0.018

Sensitivity of the test used = 0.90

Total No of Villages (Clusters) Selected = 99 (+9 Reserved Villages)

Total No of Animals to be Sampled = 1485

DISTRICT_NAME (a)	BLOCK_NAME (b)	VILLAGE_NAME (c)	Buffalo Population (d)	Cattle Population (e)	Cattle + Buffalo Population (f)	Number of units to sample (g)	Buffalo Proportion (h)	Cattle Proportion (i)
East District	Rongli	Premlakha	0	32	32	12	0	12
East District	Gangtok	Chinzey	0	90	90	14	0	14
East District	Gangtok	Rabdag	3	149	152	14	0	14
East District	Gangtok	Chadey	1	157	158	14	0	14
East District	Gangtok	Rey	0	162	162	14	0	14
East District	Gangtok	Byeng	0	189	189	14	0	14
East District	Pakyong	Dikling Pacheykhani	0	207	207	14	0	14
East District	Gangtok	Simik	0	208	208	14	0	14
East District*	Pakyong	Pakyong	0	227	227	14	0	14
East District	Gangtok	Tephyak Mendu	0	240	240	14	0	14
East District	Gangtok	Rawatey Rumtek	0	258	258	14	0	14
East District	Gangtok	Beng	0	260	260	14	0	14
East District	Gangtok	Lower Burtuk	0	269	269	14	0	14
East District	Pakyong	Tareythan	0	290	290	14	0	14
East District	Gangtok	Shyagyong Rumtek	0	291	291	14	0	14
East District*	Rongli	South Regoh	0	294	294	14	0	14
East District	Gangtok	Tintek	4	323	327	14	0	14
East District	Gangtok	Samdong	0	349	349	14	0	14
East District	Rangpo	Kamerey	0	358	358	14	0	14
East District	Rongli	Sudunglakha	3	370	373	14	0	14
East District	Gangtok	Marchak	0	380	380	14	0	14
East District	Pakyong	Linkey	0	420	420	14	0	14
East District	Gangtok	Rakdong	0	455	455	15	0	15
East District	Pakyong	Changey Senti (Tsaney)	0	468	468	15	0	15
East District	Gangtok	Phegyong	0	485	485	15	0	15
East District	Gangtok	Singbel	3	540	543	15	0	15
East District	Pakyong	Parkha	0	563	563	15	0	15
East District	Pakyong	Chuchenpheri	0	710	710	15	0	15
East District	Pakyong	Machong	0	723	723	15	0	15
East District	Gangtok	Naitam	0	774	774	15	0	15
East District	Rongli	Dolepchen	0	941	941	15	0	15
East District	Pakyong	Namcheybong	1	1220	1221	15	0	15
North District	Dzongu	Sakyong-Pentong	0	72	72	14	0	14
North District*	Mangan	Nampatam	0	137	137	14	0	14
North District	Kabi	Phantam	0	140	140	14	0	14
North District	Kabi	Tingda	0	143	143	14	0	14
North District	Dzongu	Lingja Tholung	0	155	155	14	0	14

North District	Kabi	Paney Phensang	0	225	225	14	0	14
North District	Dzongu	Lingdem	0	232	232	14	0	14
North District	Dzongu	Sangtok	0	305	305	14	0	14
North District	Dzongu	Hee-Gyathang	0	316	316	14	0	14
North District*	Dzongu	Lingthem	0	330	330	14	0	14
North District	Dzongu	Gor	0	393	393	14	0	14
North District	Kabi	Ramthang	0	450	450	15	0	15
South District	Namchi	Nalam Kolbung	0	49	49	13	0	13
South District	Ravong	Lamting	0	66	66	13	0	13
South District	Ravong	Mangbrue	0	105	105	14	0	14
South District	Namchi Municipal	LOWER GHURPISEY	0	109	109	14	0	14
South District	Namchi Municipal	DAMBUDARA	0	112	112	14	0	14
South District	Namchi	Bul	0	128	128	14	0	14
South District*	Namchi	Phong	0	140	140	14	0	14
South District	Namchi	Temi	0	146	146	14	0	14
South District	Namchi	Thangsing	0	168	168	14	0	14
South District	Namchi	Rabikhola	1	172	173	14	0	14
South District	Ravong	Dalep	0	202	202	14	0	14
South District	Namchi	Tanak	0	205	205	14	0	14
South District	Namchi	Pamphok	0	208	208	14	0	14
South District	Namchi	Kopchey	0	210	210	14	0	14
South District	Ravong	Lingzo	1	229	230	14	0	14
South District	Namchi	Bikmat	3	231	234	14	0	14
South District *	Namchi	Pabong (Gangchung)	0	265	265	14	0	14
South District	Namchi	Kamarey	0	271	271	14	0	14
South District	Namchi	Kabrey	0	279	279	14	0	14
South District	Namchi	Maniram	0	281	281	14	0	14
South District	Namchi	Sukrabarey	2	309	311	14	0	14
South District	Namchi	Gangchung	0	312	312	14	0	14
South District	Ravong	Tingmo	1	327	328	14	0	14
South District	Ravong	Rabong	1	337	338	14	0	14
South District	Ravong	Bakhim	0	355	355	14	0	14
South District	Ravong	Sanganath	0	355	355	14	0	14
South District	Jorethang	Kartikey	0	355	355	14	0	14
South District	Jorethang	Ramabung	0	384	384	14	0	14
South District	Jorethang	Kerabari	0	431	431	15	0	15
South District	Namchi	Suntoley	0	455	455	15	0	15
South District	Namchi	Aifaltar	0	461	461	15	0	15
South District	Yangang	Tokday (Lingmo)	0	571	571	15	0	15
South District	Ravong	Borong	0	687	687	15	0	15
South District	Jorethang	Paiyong	0	793	793	15	0	15
South District*	Yangang	Neh-Brum	6	810	816	15	0	15
South District	Yangang	Lingi	11	1001	1012	15	0	15
South District	Namchi	Perbing	4	1255	1259	15	0	15
West District	Gyalshing	Naku	0	24	24	12	0	12
West District	Soreng	Jeel	0	73	73	14	0	14
West District	Yuksom	Thingling I	68	75	143	14	7	7

West District	Gyalshing	Kongri	0	145	145	14	0	14
West District	Yuksom	Tsozo	9	155	164	14	1	13
West District	Gyalshing	Sindrang	0	179	179	14	0	14
West District	Dentam	Hee-Patal	1	198	199	14	0	14
West District	Gyalshing	Mangnam	0	213	213	14	0	14
West District	Gyalshing	Yangten	1	234	235	14	0	14
West District*	Soreng	Chuchen	0	263	263	14	0	14
West District	Dentam	Bongten	26	247	273	14	1	13
West District	Soreng	Rinchenpong	5	284	289	14	0	14
West District	Soreng	Mabong	0	313	313	14	0	14
West District	Gyalshing	Tikjya	3	312	315	14	0	14
West District	Yuksom	Labing	0	350	350	14	0	14
West District	Gyalshing	Bhaluthang	3	357	360	14	0	14
West District	Gyalshing	Darap	5	375	380	14	0	14
West District	Dentam	Begha	8	423	431	15	0	15
West District	Gyalshing	Yangthang	3	457	460	15	0	15
West District	Soreng	Burikhop Rumbuk	4	471	475	15	0	15
West District	Soreng	Malbasey	39	472	511	15	1	14
West District	Soreng	Dodak	29	498	527	15	1	14
West District*	Soreng	Ribdi	0	539	539	15	0	15
West District	Dentam	Barthang	27	519	546	15	1	14
West District	Dentam	Sangkhu	18	569	587	15	0	15
West District	Dentam	Radukhandu	16	684	700	15	0	15
West District	Dentam	Barphok	9	1117	1126	15	0	15

* Researved villages to be used for sampling if any selected village in given district is not accessible, having logistic problem or any other issues

Abbreviations:

a : District Name **f : Cattle + Bullalo Population**
b : Block Name **g : Number of units to Sample**
c : Village Name **h : Buffalo Proportion**
d : Buffalo Population **i : Cattle proportion**
e : Cattle Population

BRU/NIVEDI/Tamil Nadu30/Phase III**Stratified Random Sampling:**

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 100 + (Cattle + Buffalo) = 13538

Design Level Prevalence = 0.1724

Cluster Level Prevalence = 0.01724

Sensitivity of the test used = 0.90

Total No of Villages (Clusters) Selected = 192 (+12 Reserved Villages)

Total No of Animals to be Sampled = 2880

DISTRICT_NAME (a)	BLOCK_NAME (b)	VILLAGE_NAME (c)	Buffalo Population (d)	Cattle Population (e)	Cattle + Buffalo Population (f)	Number of units to sample (g)	Buffalo Proportion (h)	Cattle Proportion (i)
Ariyalur	Ariyalur	Elakurichi	19	1079	1098	15	0	15
Chennai	Chennai	Chennai (M Corp.) - Ward No.82	16	287	303	15	1	14
Chennai	Chennai	Chennai (M Corp.) - Ward No.127	167	536	703	15	4	11
Coimbatore	Pollachi	Thorayur	0	135	135	15	0	15
Coimbatore	Kottur	Kottur (TP) - Ward No.15	3	213	216	15	0	15
Coimbatore	Karumathampatti	Karumathampatti (TP) - Ward No.7	0	335	335	15	0	15
Coimbatore*	Karumathampatti	Karumathampatti (TP) - Ward No.16	0	483	483	15	0	15
Coimbatore	Coimbatore South	Perur Chettipalayam (Ct)	1	672	673	15	0	15
Coimbatore	Mettupalayam	Chinnakallipatti	0	974	974	15	0	15
Coimbatore	Mettupalayam	Belladhi	220	1067	1287	15	3	12
Coimbatore	Sulur	Kaniyur (Ct)	0	1328	1328	15	0	15
Cuddalore	Virudhachalam	Veppankurichi	0	117	117	15	0	15
Cuddalore	Srimushnam	Srimushnam (TP) - Ward No.15	0	198	198	15	0	15
Cuddalore	Virudhachalam	Karmangudi	0	322	322	15	0	15
Cuddalore	Kattumannarkoil	Vennaiyur	0	330	330	15	0	15
Cuddalore	Chidambaram	Turinjikollai	33	323	356	15	1	14
Cuddalore	Panruti	Kozhipakkam	0	503	503	15	0	15
Cuddalore	Virudhachalam	Kammapuram	77	891	968	15	1	14
Cuddalore	Kurinjiipadi	Vadakuthu	0	1581	1581	15	0	15
Cuddalore	Virudhachalam	Mavidandal	0	2723	2723	15	0	15
Dharmapuri	Harur	K. Vetrappatti	0	476	476	15	0	15
Dharmapuri	Dharmapuri	Thippireddihalli	78	723	801	15	1	14
Dharmapuri	Palacode	Mahendramangalam	4	1063	1067	15	0	15
Dharmapuri	Palacode	Dindal	11	1648	1659	15	0	15
Dharmapuri*	Palacode	Bommahalli	7	1760	1767	15	0	15
Dindigul	Attur	Kummampatti	0	153	153	15	0	15
Dindigul	Palani	Sukkamanaickenpatti	49	323	372	15	2	13
Dindigul	Oddanchatram	Oddanchatram (TP) - Ward No.1	93	346	439	15	3	12
Dindigul	Vedasandur	Nallamanarkottai	111	591	702	15	2	13
Dindigul	Vedasandur	Velvankottai	7	1013	1020	15	0	15
Dindigul	Oddanchatram	Puliyurnatham	211	1784	1995	15	2	13
Erode	Jambai	Jambai (TP) - Ward No.5	50	98	148	15	5	10
Erode	Karumandi	Karumandi Chellipalayam (TP) -	15	223	238	15	1	14
Erode	Sathyamangalam	Neithalapuram	71	469	540	15	2	13
Erode*	Kanjikoil	Kanjikoil (TP) - Ward No.11	258	307	565	15	7	8
Erode	Bhavani	Mukasipudur	115	610	725	15	2	13
Erode	Sathyamangalam	Ikkarainegamam	91	967	1058	15	1	14

Erode	Gobichettipalayam	Pulavakalipalayam	1059	2562	3621	15	4	11
Erode	Bhavani	Periyapuliur	1567	2427	3994	15	6	9
Kanchipuram	Maduranthakam	Sendivakkam	0	143	143	15	0	15
Kanchipuram	Kancheepuram	Erivoy	0	199	199	15	0	15
Kanchipuram	Sriperumbudur	Irungattukottai	0	209	209	15	0	15
Kanchipuram	Chengalpattu	Perumathunallur	26	367	393	15	1	14
Kanchipuram	Sriperumbudur	Maduramangalam	10	459	469	15	0	15
Kanchipuram*	Tiruporur	Melakottiyur	57	497	554	15	2	13
Kanchipuram	Maduranthakam	Peruveli	0	820	820	15	0	15
Kanchipuram	Sriperumbudur	Molachur (Ct)	88	763	851	15	2	13
Kanchipuram	Chengalpattu	Kizhur	27	825	852	15	0	15
Kanchipuram	Sriperumbudur	Nariyambakkam	78	1007	1085	15	1	14
Kanniyakumari	Ganapathipuram	Ganapathipuram (TP) - Ward No.3	0	105	105	14	0	14
Kanniyakumari	Pacode	Pacode (TP) - Ward No.7	0	180	180	15	0	15
Kanniyakumari	Anjugrammam	Anjugrammam (TP) - Ward No.3	0	188	188	15	0	15
Kanniyakumari	Agastheeswaram	Madhusoodhanapuram (Part)	0	221	221	15	0	15
Kanniyakumari	Kalkulam	Athivilai (Ct)	0	227	227	15	0	15
Kanniyakumari	Vilavancode	Vellamcode (Ct)	0	300	300	15	0	15
Kanniyakumari	Agastheeswaram	Vadasery (Part)	172	386	558	15	5	10
Kanniyakumari	Vilavancode	Nalloor	0	801	801	15	0	15
Karur	Karur	Kakkavadi	34	647	681	15	1	14
Karur	Krishnarayapuram	Sivayam (South)	172	960	1132	15	2	13
Karur	Krishnarayapuram	Chinthalavadi	28	1267	1295	15	0	15
Krishnagiri	Nagojanahalli	Nagojanahalli (TP) - Ward No.12	0	103	103	14	0	14
Krishnagiri	Hosur	Mudipinayanapalayam	0	265	265	15	0	15
Krishnagiri	Denkanikottai	Kottamadagu	10	787	797	15	0	15
Krishnagiri	Denkanikottai	Saragapalli	3	867	870	15	0	15
Krishnagiri	Krishnagiri	Bellampalli	3	1610	1613	15	0	15
Krishnagiri	Denkanikottai	Devaganapalli	34	1796	1830	15	0	15
Madurai	Melur	Silambakkonepatti	0	115	115	15	0	15
Madurai	Madurai North	Thodaneri	0	196	196	15	0	15
Madurai*	Madurai	Madurai (M Corp.) - Ward No.27	189	115	304	15	9	6
Madurai	Madurai	Madurai (M Corp.) - Ward No.70	0	341	341	15	0	15
Madurai	Usilampatti	Pullaneri	0	682	682	15	0	15
Madurai	Thirumangalam	Kokkulam (Anaiyur)	0	1023	1023	15	0	15
Nagapattinam	Kuthalam	Konerirajapuram li Bit	0	321	321	15	0	15
Nagapattinam	Mayiladuthurai	Anathandavapuram	0	354	354	15	0	15
Nagapattinam	Tharangambadi	Kizhaiyur	39	501	540	15	1	14
Nagapattinam	Mayiladuthurai	Kadambakkam	0	627	627	15	0	15
Nagapattinam	Kuthalam	Komal - East	0	920	920	15	0	15
Namakkal*	Kalappanaickenpatti	Kalappanaickenpatti (TP) - Ward No.12	36	129	165	15	3	12
Namakkal	Rasipuram	MOOLAKADU	16	348	364	15	1	14
Namakkal	Tiruchengode	Kootheranatham	13	646	659	15	0	15
Namakkal	Paramathi-Velur	Pillikalpalayam	288	570	858	15	5	10
Namakkal	Rasipuram	Ayilpatti	30	1116	1146	15	0	15
Namakkal	Namakkal	Eranapuram	614	774	1388	15	7	8
Namakkal	Tiruchengode	Mamundi	227	1554	1781	15	2	13

Perambalur	Veppanthattai	Vengalam (West)	0	813	813	15	0	15
Perambalur	Perambalur	Nochiyam	0	2537	2537	15	0	15
Pudukkottai	Alangudi	Suranviduthy	0	172	172	15	0	15
Pudukkottai	Thirumayam	Pilivalam	0	360	360	15	0	15
Pudukkottai	Iluppur	Vellanjar	7	453	460	15	0	15
Pudukkottai	Avudayarkoil	Esamangalam	0	535	535	15	0	15
Pudukkottai	Ponnamaravathi	Ammankurichi	0	779	779	15	0	15
Pudukkottai	Manamelkudi	Manamelkudi (Part)	0	1023	1023	15	0	15
Pudukkottai	Karambakudi	Pallavarayanpathai	0	1460	1460	15	0	15
Ramanathapuram	Kamuthi	T.Valasubramaniapuram	0	164	164	15	0	15
Ramanathapuram	Kadaladi	Avathandai	0	262	262	15	0	15
Ramanathapuram	Tiruvadanai	Odaikkarai	0	319	319	15	0	15
Ramanathapuram	Ramanathapuram	Pattinamkattan (Ct)	0	423	423	15	0	15
Ramanathapuram	Ramanathapuram	Kudakottai	3	470	473	15	0	15
Salem	Thevur	Thevur (TP) - Ward No.9	23	182	205	15	2	13
Salem	Vazhapadi	Vazhapadi (TP) - Ward No.1	2	419	421	15	0	15
Salem	Belur	Belur (TP) - Ward No.3	0	552	552	15	0	15
Salem*	Vazhapadi	Vazhapadi (TP) - Ward No.2	2	711	713	15	0	15
Salem	Mettur	Doramangalam (Ct)	47	1028	1075	15	1	14
Salem	Attur	Deviakkurichi	2	1319	1321	15	0	15
Salem	Valapadi	Nirmullikuttai	29	1427	1456	15	0	15
Salem	Omalur	Gobinathapuram	432	1460	1892	15	3	12
Salem	Salem	Rajapalayam (Ct)	162	1873	2035	15	1	14
Sivaganga	Kanadukathan	Kanadukathan (TP) - Ward No.1	0	128	128	15	0	15
Sivaganga	Sivaganga	Alpattaviduthi	0	298	298	15	0	15
Sivaganga	Kalaiyarkoil	Kathappattu	0	473	473	15	0	15
Sivaganga	Tirupathur	K.Vairavanpatti	0	479	479	15	0	15
Sivaganga	Thiruppuvanam	Kilathari	0	1312	1312	15	0	15
Sivaganga	Sivaganga	Surakkulam	0	1347	1347	15	0	15
Thanjavur	Veppathur	Veppathur (TP) - Ward No.5	0	112	112	14	0	14
Thanjavur	Papanasam	Palliyur	6	312	318	15	0	15
Thanjavur	Pattukkottai	Karappankadu	0	399	399	15	0	15
Thanjavur	Papanasam	Saliyamangalam	0	439	439	15	0	15
Thanjavur	Pattukkottai	Palanjur	0	500	500	15	0	15
Thanjavur*	Pattukkottai	Vikkiramam	0	780	780	15	0	15
Thanjavur	Orthanadu	Kilamangalam	0	970	970	15	0	15
Thanjavur	Pattukkottai	Keelakurichi East	0	1088	1088	15	0	15
Thanjavur	Pattukkottai	Kalathur West	0	1542	1542	15	0	15
The Nilgiris	Udhagamandalam	Udhagamandalam (M) - Ward No.2	0	235	235	15	0	15
The Nilgiris	Sholur	Sholur (TP) - Ward No.4	154	506	660	15	4	12
Theni	Thevaram	Thevaram (TP) - Ward No.1	0	310	310	15	0	15
Theni	Bodinayakanur	Rasingapuram	0	816	816	15	0	15
Theni	Andipatti	Myaladumparai	220	7429	7649	15	0	15
Thiruvallur	Uthukkottai	Pagalamedu	34	101	135	15	4	11
Thiruvallur	Gummidipoondi	Thurappallam	20	289	309	15	1	14
Thiruvallur	Uthukkottai	Kadarvedu	137	335	472	15	4	11
Thiruvallur	Tiruvallur	Thiruvallur (M) - Ward No.21	24	559	583	15	1	14

Thiruvallur*	Gummidipoondi	Puduvoyal	142	925	1067	15	2	13
Thiruvallur	Ponneri	Pralayambakkam	626	446	1072	15	9	6
Thiruvallur	Pallipattu	Karimbedu	20	1271	1291	15	0	15
Thiruvarur	Thiruvarur	Umatheswarapuram	0	228	228	15	0	15
Thiruvarur	Mannargudi	Thulasendrapuram	3	367	370	15	0	15
Thiruvarur	Kodavasal	Vayallur	0	402	402	15	0	15
Thiruvarur	Mannargudi	Peraiyur li	0	527	527	15	0	15
Thiruvarur	Kodavasal	Peruntharakkudi	15	1600	1615	15	0	15
Tiruchirappalli	Manapparai	Manapparai (M) - Ward No.6	0	125	125	15	0	15
Tiruchirappalli	Thiruverumbur	Natarajapuram	5	415	420	15	0	15
Tiruchirappalli	Manapparai	Ayanpudupatti	0	629	629	15	0	15
Tiruchirappalli	Manachanallur	Pichandarkovil (Ct)	0	673	673	15	0	15
Tiruchirappalli	Srirangam	Thayanur	28	1280	1308	15	0	15
Tiruchirappalli	Manapparai	Puthanatham	0	4056	4056	15	0	15
Tirunelveli	Panagudi	Panagudi (TP) - Ward No.7	0	160	160	15	0	15
Tirunelveli	Veeravanallur	Veeravanallur (TP) - Ward No.13	0	205	205	15	0	15
Tirunelveli	Tirunelveli	Tirunelveli (M.Corp.) - Ward No.1	40	330	370	15	2	13
Tirunelveli	Sankarankoil	Devarkulam A.	0	407	407	15	0	15
Tirunelveli*	Ambasamudram	Potta Pudur(I)	118	428	546	15	3	12
Tirunelveli	Sankarankoil	Palankottai	0	831	831	15	0	15
Tirunelveli	Ambasamudram	Kilakadayam	59	1074	1133	15	1	14
Tirunelveli	Alangulam	Pethanadarpatti	111	1110	1221	15	1	14
Tirunelveli	Radhapuram	Samugarengapuram	117	1699	1816	15	1	14
Tiruppur	Kolathupalayam	Kolathupalayam (TP) - Ward No.2	25	450	475	15	1	14
Tiruppur	Tiruppur	Tiruppur (M) - Ward No.34	97	508	605	15	2	13
Tiruppur	Palladam	Sukkampalayam	0	608	608	15	0	15
Tiruppur	Avanashi	Palangarai (Ct)	2	1244	1246	15	0	15
Tiruppur	Dharapuram	Kilangudal	368	1589	1957	15	3	12
Tiruvannamalai	Tiruvannamalai	Tirukalur Valavetti	0	148	148	15	0	15
Tiruvannamalai	Polur	Bannambut	0	476	476	15	0	15
Tiruvannamalai	Tiruvannamalai	Kiliapattu	0	578	578	15	0	15
Tiruvannamalai	Vandavasi	Meesanallur	0	588	588	15	0	15
Tiruvannamalai	Vandavasi	Vayaloor	0	799	799	15	0	15
Tiruvannamalai	Arani	Vadugasathu	0	1121	1121	15	0	15
Tiruvannamalai*	Cheyyar	Kuthanur	0	1177	1177	15	0	15
Tiruvannamalai	Arani	Sirumur	2	1671	1673	15	0	15
Tiruvannamalai	Tiruvannamalai	Kalasthambadi	200	1736	1936	15	2	13
Tuticorin	Vilathikulam	Kulathur (North)	26	110	136	15	3	12
Tuticorin	Vilathikulam	E.Velayudhapuram	0	216	216	15	0	15
Tuticorin	Srivaikuntam	Velur Pudukudi	0	291	291	15	0	15
Tuticorin	Kovilpatti	Villiseri	0	370	370	15	0	15
Tuticorin	Srivaikuntam	Seydunganallur	0	497	497	15	0	15
Tuticorin	Kovilpatti	Terku Ilandaikulam	0	677	677	15	0	15
Tuticorin	Tiruchendur	Nangaimozhi	0	851	851	15	0	15
Vellore	Jolarpet	Jolarpet (TP) - Ward No.10	0	215	215	15	0	15
Vellore	Tirupathur	Mandalanayanagunda	0	234	234	15	0	15
Vellore	Tirupathur	Elavampatti	0	385	385	15	0	15

Vellore	Wallajah	Sekkadikuppam	14	456	470	15	0	15
Vellore	Gudiyatham	Chinnalapalli	0	644	644	15	0	15
Vellore	Katpadi	Karasamangalam	0	751	751	15	0	15
Vellore	Vaniyambadi	Kurisolapattu	0	959	959	15	0	15
Vellore	Gudiyatham	Chendathur	0	1393	1393	15	0	15
Vellore	Gudiyatham	Chengundram	0	1473	1473	15	0	15
Vellore	Arakonam	Anverthikanpettai	96	1790	1886	15	1	14
Villupuram	Marakkanam	Marakkanam (TP) - Ward No.10	0	121	121	15	0	15
Villupuram	Viluppuram	Kavanippakkam	0	297	297	15	0	15
Villupuram	Ulundurpettai	Ulundurpettai (TP) - Ward No.2	0	334	334	15	0	15
Villupuram	Kallakurichi	Ninnaiyur	7	474	481	15	0	15
Villupuram	Tindivanam	Kiladanur	4	553	557	15	0	15
Villupuram	Tindivanam	Avanipur	0	599	599	15	0	15
Villupuram	Gingee	Kammandur	0	679	679	15	0	15
Villupuram	Sankarapuram	Kosappadi	0	820	820	15	0	15
Villupuram	Kallakurichi	Thensiruvalur	17	1100	1117	15	0	15
Villupuram	Sankarapuram	La-Gudalur	0	1421	1421	15	0	15
Villupuram	Viluppuram	Nallapalayam	0	1502	1502	15	0	15
Villupuram	Viluppuram	Kanai	0	2474	2474	15	0	15
Virudhunagar	Tiruchuli	Thondamankulam	0	105	105	14	0	14
Virudhunagar	Seithur	Seithur (TP) - Ward No.7	0	170	170	15	0	15
Virudhunagar*	Aruppukkottai	Thummuchinnampatti	0	277	277	15	0	15
Virudhunagar	Aruppukkottai	Palayampatti (Ct)	0	353	353	15	0	15
Virudhunagar	Srivilliputhur	Padikkasu Vaithanpatti (Ct)	0	716	716	15	0	15
Virudhunagar	Sivakasi	Anaiyur (Part)	0	922	922	15	0	15
Virudhunagar	Srivilliputhur	Nachchiyarkovil	0	1109	1109	15	0	15

* Researved villages to be used for sampling if any selected village in given district is not accessible, having logistic problem or any other issues

Abbreviations:

a :	District Name	f :	Cattle + Bullalo Population
b :	Block Name	g :	Number of units to Sample
c :	Village Name	h :	Buffalo Proportion
d :	Buffalo Population	i :	Cattle proportion
e :	Cattle Population		

FMD/SEROSUR/NIVEDI/Telangana31/2022

Stratified Random Sampling:

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 200 + (Cattle + Buffalo) = 5848

Design Level Prevalence = 0.05

Cluster Level Prevalence = 0.01

Sensitivity of the test used = 0.80

Total No of Villages (Clusters) Selected = 201 (+8 Reserved Villages)

Total No of Animals to be Sampled = 8241

DISTRICT_NAME (a)	BLOCK_NAME (b)	VILLAGE_NAME (c)	Buffalo Population (d)	Cattle Population (e)	Cattle + Buffalo Population (f)	Number of units to sample (g)	Buffalo Proportion (h)	Cattle Proportion (i)
Adilabad	Uttoor	Balampur	47	445	492	39	4	35
Adilabad	Neradigonda	Lokhampur	47	458	505	39	4	35
Adilabad	Tamsi	Bandalnagapur	197	421	618	40	13	27
Adilabad	Bazarhathnoor	Tembi	82	583	665	40	5	35
Adilabad	Bela	Syedpur	27	642	669	40	2	38
Adilabad	Bazarhathnoor	Jatarla	49	1025	1074	40	2	38
Adilabad*	Inderavelly	Walganda Heerapur	30	1294	1324	40	1	39
Adilabad	Adilabad	Adilabad Ward No 32	660	775	1435	40	18	22
Adilabad	Adilabad Rural	Lohara	0	2165	2165	40	0	40
BHADRADRI KOTHAGUDEM	Cherla	Unjupalle	0	328	328	39	0	39
BHADRADRI KOTHAGUDEM	Cherla	Vaddipet (Z)	0	619	619	40	0	40
BHADRADRI KOTHAGUDEM	MANUGUR	Manuguru (CT) - Ward No.23	633	270	903	40	28	12
BHADRADRI KOTHAGUDEM	Cherla	Bodanalli (Z)	0	1109	1109	40	0	40
BHADRADRI KOTHAGUDEM	Aswaraopeta	Bachuvaregudem	456	885	1341	40	14	26
BHADRADRI KOTHAGUDEM	Annapureddypalli	Pentlam	1024	771	1795	40	23	17
BHADRADRI KOTHAGUDEM	Annapureddypalli	Teligerla	1108	1051	2159	40	21	19
BHADRADRI KOTHAGUDEM	Tekulapalle	Bodu	432	2925	3357	41	5	36
BHADRADRI KOTHAGUDEM	Tekulapalle	Bethampudi	2242	11544	13786	41	7	34
Hyderabad	Charminar	GHMC Ward-30: Dabeerpura	699	36	735	40	38	2
Hyderabad	Nampally	GHMC Ward-78: Gunfoundry	685	618	1303	40	21	19
Jagitial	Metpalle	Rangarao Peta	152	130	282	39	21	18
Jagitial	Sarangapur	Latchakkapet	345	95	440	39	31	8
Jagitial	Velgatoor	Mukkttraopet	248	273	521	40	19	21
Jagitial	Mallapur	Regunta	419	145	564	40	30	10
Jagitial	Mallapur	Mogalpet	663	90	753	40	35	5
Jagitial	Ibrahimpatnam	Vemulakurthi	710	98	808	40	35	5
JANGOAN	Lingalaghanpur	Gummadavelli	721	827	1548	40	19	21
JANGOAN	Lingalaghanpur	Lingalaghanpur	995	829	1824	40	22	18
JANGOAN	Jangaon	Peddapahad	1569	871	2440	40	26	14
JAYASHANKAR BHUPALAPALLY	Mahadevpur	Chindrapalle	180	164	344	39	20	19
JAYASHANKAR BHUPALAPALLY	Kataram	Jadaraopet	120	336	456	39	10	29
JAYASHANKAR BHUPALAPALLY	Kannaigudem	Kanthanpalle	148	514	662	40	9	31
JAYASHANKAR BHUPALAPALLY	Wazeed	Dulapuram(G)	228	451	679	40	13	27
JAYASHANKAR BHUPALAPALLY	Wazeed	Janagalapalle (G)	454	238	692	40	26	14
JAYASHANKAR BHUPALAPALLY	Wazeed	Peruru (G)	632	417	1049	40	24	16
JAYASHANKAR BHUPALAPALLY	Venkatapuram	Uppedu V (Z) eerapuram	769	592	1361	40	23	17
JAYASHANKAR BHUPALAPALLY *	Wazeed	Peddagangaram (Z)	202	1451	1653	40	5	35
JOGULAMBA GADWAL	Ieej	Thoomkunta	103	309	412	39	10	29
JOGULAMBA GADWAL	Waddepalle	Budamarsu	436	123	559	40	31	9
JOGULAMBA GADWAL	Kaloor Thimmandoddi	Chintalakunta	151	439	590	40	10	30

JOGULAMBA GADWAL	Dharur	Palcherla	136	1300	1436	40	4	36
JOGULAMBA GADWAL	Ieej	Thothinonidoddi	1121	1453	2574	40	17	23
KAMAREDDY	Domakonda	Sangameshwar	183	32	215	38	32	6
KAMAREDDY	Nasrullabad	Durki	418	9	427	39	38	1
KAMAREDDY	Pedda Kodapgal	Jagannathapalle	241	380	621	40	16	24
KAMAREDDY	Machareddy	Banda Rameshwarapalle	280	351	631	40	18	22
KAMAREDDY	Rajampet	Pondurthi	795	113	908	40	35	5
KAMAREDDY	Nizamsagar	Tunkepalle	705	295	1000	40	28	12
KAMAREDDY*	Lingampet	Mombajipet	487	1005	1492	40	13	27
KAMAREDDY	Gandhari	Petasangam	802	891	1693	40	19	21
Karimnagar	Veenavanka	Kanparthi	188	291	479	39	15	24
Karimnagar	Choppadandi	Vedurughattu	396	396	792	40	20	20
Karimnagar	Ellandakunta	Sirsedu	518	343	861	40	24	16
Karimnagar	Chigurumamidi	Nawabpeta	271	922	1193	40	9	31
Karimnagar	Kothapally	Chintakunta (Part)	1235	557	1792	40	28	12
Khammam	Enkuru	Nukulampadu	490	212	702	40	28	12
Khammam	Khammam (Rural)	Tanagampadu	241	608	849	40	11	29
Khammam	Tallada	Gopalapeta	980	299	1279	40	31	9
Khammam	Kusumanchi	Palair	1053	440	1493	40	28	12
Khammam	Bonakal	Kalakota	1555	168	1723	40	36	4
Khammam*	Singareni	Perupalle	508	1421	1929	40	11	29
Khammam	Kamepalle	Pinjaramadugu	1599	807	2406	40	27	13
Khammam	Raghunadhapalem	Manchugonda	1391	1168	2559	40	22	18
KUMURAM BHEEM	Kagaz Nagar	Kagaznagar Ward No 22	71	215	286	39	10	29
KUMURAM BHEEM	Kerameri	Anthapur	10	438	448	39	1	38
KUMURAM BHEEM	Dahegaon	Beebra	30	669	699	40	2	38
KUMURAM BHEEM	Dahegaon	Chinnarasipalle	86	664	750	40	5	35
KUMURAM BHEEM	Jainoor	Ashapalle	373	553	926	40	16	24
KUMURAM BHEEM	Penchicalpet	Lodpalle	214	885	1099	40	8	32
KUMURAM BHEEM	Dahegaon	Kunchavelli	571	662	1233	40	19	21
KUMURAM BHEEM	Jainoor	Lendiguda	869	4458	5327	41	7	34
MAHABUBABAD	Peddavangara	Gantlakunta	402	502	904	40	18	22
MAHABUBABAD	Gangaram	Kodishalamitta	44	936	980	40	2	38
MAHABUBABAD	Gangaram	Ponugonda	48	1022	1070	40	2	38
MAHABUBABAD	Kothagudem	Pogallapalle	1161	424	1585	40	29	11
MAHABUBABAD	Kesamudram	Mahamoodpatnam	849	1063	1912	40	18	22
Mahbubnagar	Maganoor	Punjanur	27	185	212	38	5	33
Mahbubnagar	Damaragidda	Vithalapur	48	391	439	39	4	35
Mahbubnagar	Kosgi	Mudireddipalle	94	350	444	39	8	31
Mahbubnagar	Gandeed	Rusumpalle	304	310	614	40	20	20
Mahbubnagar	Narayanpet	Bandagonda	208	486	694	40	12	28
Mahbubnagar	Kosgi	Sarjakhnpet	312	429	741	40	17	23
Mahbubnagar	Dhanwada	Gunmukla	314	558	872	40	14	26
Mahbubnagar	Utkoor	Utkoor	368	512	880	40	17	23
Mahbubnagar*	MAHABUBNAGAR_RURAL	Manikonda	521	515	1036	40	20	20
Mahbubnagar	Devarkadra	Devarkadra	1720	462	2182	40	32	8
MANCHERIAL	Bellampalli	Bellampalle Ward No 10	0	287	287	39	0	39
MANCHERIAL	Dandepalle	Peddapet	161	249	410	39	15	24
MANCHERIAL	Mandamarri	Mandamarri Ward No 6	474	488	962	40	20	20
MANCHERIAL	Nasipur	Nasipur (Ct)	952	169	1121	40	34	6

MANCHERIAL	Hajipur	Subbapalle	649	501	1150	40	23	17
MANCHERIAL	Nasipur	Seetarampalle (Og)	1174	101	1275	40	37	3
MANCHERIAL	Dandepalle	Velganoor	690	688	1378	40	20	20
Medak	Regode	Dosapalle	176	54	230	38	29	9
Medak	Chilpched	Jaggampet	361	133	494	39	29	11
Medak	Shivampet	Usirikapalle	403	328	731	40	22	18
Medak	Shankarampet (R)	Shankarampet (R)	864	84	948	40	36	4
Medak	Manoharabad	Kallakal	742	283	1025	40	29	11
Medak	Nizampet	Chelmeda	1337	61	1398	40	38	2
MEDCHAL MALKAJGIRI	Dundigal Gandimaisam	Gagilapur (Og)	506	162	668	40	30	10
MEDCHAL MALKAJGIRI	Medchal	Pudoor	1102	510	1612	40	27	13
NAGARKURNOOL	Kollapur	Somasila	174	165	339	39	20	19
NAGARKURNOOL	Lingal	Sainpeta	162	405	567	40	11	29
NAGARKURNOOL	Balmoor	Ananthavaram	148	746	894	40	7	33
NAGARKURNOOL	Thimmajipet	Bhavajipalle	251	678	929	40	11	29
NAGARKURNOOL	Vangoor	Ulpura	310	828	1138	40	11	29
NAGARKURNOOL	Bijinapalle	Manganur	369	864	1233	40	12	28
NAGARKURNOOL	Telkapalle	Pedduru	490	896	1386	40	14	26
NAGARKURNOOL	Veldanda	Bollampalle	490	1274	1764	40	11	29
Nalgonda	Madugulapalli	POREDDY GUDEM	205	85	290	39	28	11
Nalgonda	Narketpalle	Madhayedavally	296	166	462	39	25	14
Nalgonda	Devarakonda	Devarakonda (CT) - Ward No.13	7	536	543	40	1	39
Nalgonda	Gurrapode	Vattikode	357	345	702	40	20	20
Nalgonda	Nidamanur	Vutkur	505	314	819	40	25	15
Nalgonda*	Devarakonda	Devarakonda (CT) - Ward No.3	768	159	927	40	33	7
Nalgonda	Marriguda	Khudabaksh Palle	404	657	1061	40	15	25
Nalgonda	Dameracherla	Kjr Colony	972	99	1071	40	36	4
Nalgonda	Pedda Adiserla Palle	Azmapur	465	832	1297	40	14	26
Nalgonda	Kattangoor	Kattangoor	1192	400	1592	40	30	10
Nalgonda	Gundla Palle	Towklapur	872	857	1729	40	20	20
Nalgonda	Dameracherla	Dameracherla	2568	286	2854	41	37	4
Nirmal	Tanoor	Wadhone	174	200	374	39	18	21
Nirmal	Pembi	Gummanuyenglapur	0	470	470	39	0	39
Nirmal	Narsapur G	Bamini (Buzurg)	139	492	631	40	9	31
Nirmal	Khanapur	Bavapur (K)	331	342	673	40	20	20
Nirmal	Lokeswaram	Godesra	401	509	910	40	18	22
Nirmal	Tanoor	Singangam	308	648	956	40	13	27
Nirmal	Khanapur	Sathnapalle	451	533	984	40	18	22
Nirmal	Sarangapur	Gopalpet	765	1428	2193	40	14	26
Nizamabad	Armur	Merdepalle	298	30	328	39	35	4
Nizamabad	Bheemgal	Changal	505	63	568	40	36	4
Nizamabad	Dichpalle	Narsingapoor	535	71	606	40	35	5
Nizamabad	Makloor	Deekampally	661	89	750	40	35	5
Nizamabad	Jakranpalle	Poppalpalle	591	198	789	40	30	10
Nizamabad	Yergatla	Tadpakal	617	370	987	40	25	15
Nizamabad*	Navipet	Mokanpalle	1031	234	1265	40	33	7
Nizamabad	Ranjil	Kalyapur	1077	203	1280	40	34	6
Nizamabad	Yergatla	Yergatla	1285	232	1517	40	34	6
PEDDAPALLI	Elgaid	Burhanmiyapet	293	135	428	39	27	12
PEDDAPALLI	Peddapalle	Brahmanpalle(Ps)	376	178	554	40	27	13

PEDDAPALLI	Ramagiri	Budhavarampeta @ Ramaiahpalle	491	140	631	40	31	9
PEDDAPALLI	Anthergaon	Goelwada	568	386	954	40	24	16
PEDDAPALLI	Julapalle	Kummarikunta	987	580	1567	40	25	15
RAJANNA SIRCILLA	Ellanthakunta	Thippapuram (P.A)	404	385	789	40	20	20
RAJANNA SIRCILLA	Vemulawada	Chekkapalle	426	451	877	40	19	21
RAJANNA SIRCILLA	Yellareddipet	Boppapuram	1565	162	1727	40	36	4
Rangareddi	Keshampet	Chintakuntapalle	2	308	310	39	0	39
Rangareddi	Shamshabad	Tondpalle	365	46	411	39	35	4
Rangareddi	Maheswaram	Imamguda	307	201	508	39	24	15
Rangareddi	Shankarpalle	Kondakal	593	156	749	40	32	8
Rangareddi	Farooqnagar	Dooskal	437	379	816	40	21	19
Rangareddi	Chevela	Nyalata	580	356	936	40	25	15
Rangareddi	Abdullapurmet	Bandaraviryal	983	252	1235	40	32	8
Rangareddi	Talakondapalle	Talakondapalle	93	1695	1788	40	2	38
Rangareddi	Madgul	Nagilla	754	1489	2243	40	13	27
Rangareddi	Kandukur	Rachloor	1446	827	2273	40	25	15
SANGAREDDY	Narayankhed	Mansoorpur	209	45	254	38	31	7
SANGAREDDY	Narayankhed	Bhanapur	245	51	296	39	32	7
SANGAREDDY	Jinnaram	Sivanagar	346	18	364	39	37	2
SANGAREDDY	Raikode	Karchal	231	247	478	39	19	20
SANGAREDDY	Nagilgidda	Audathpur	276	266	542	40	20	20
SANGAREDDY	Raikode	Kusnur	161	401	562	40	11	29
SANGAREDDY	Jinnaram	Gaddipotharam	450	131	581	40	31	9
SANGAREDDY	Narayankhed	Namalimet	731	83	814	40	36	4
SANGAREDDY	Nagilgidda	Pusalpahad	322	518	840	40	15	25
SANGAREDDY	Kangti	Ramathirath	288	612	900	40	13	27
SANGAREDDY	Andole	Tadamanoor	592	502	1094	40	22	18
SANGAREDDY	Kalher	Mardi	869	656	1525	40	23	17
SIDDIPET	Mulug	Mandial	156	175	331	39	18	21
SIDDIPET	Markook	Sivar Venkatapur	248	245	493	39	20	19
SIDDIPET	Gajwel	Srigiripalle	317	351	668	40	19	21
SIDDIPET	Bejjanki	Muthannapet	538	197	735	40	29	11
SIDDIPET	Nangnoor	Palamakula	549	665	1214	40	18	22
SIDDIPET	Komuravelli	Komuravelle	799	772	1571	40	20	20
SIDDIPET	Cherial	Kadavergu	1315	1221	2536	40	21	19
SURYAPET	Palakeedu	Palakeedu	271	23	294	39	36	3
SURYAPET	Atmakur (S)	Enubamla	299	251	550	40	22	18
SURYAPET	Mattam Palle	Donabanda-Tanda	626	304	930	40	27	13
SURYAPET	Chivvemla	Valyathanda	154	787	941	40	7	33
SURYAPET	Mothey	Neredavai	503	614	1117	40	18	22
SURYAPET	Thungathurthi	Thurupu Gudem	647	709	1356	40	19	21
SURYAPET	Thirumalgiri	Gudepuri	766	675	1441	40	21	19
SURYAPET	Mothey	Burkacharla	1174	1020	2194	40	21	19
VIKARABAD	Doulathabad	Nagasar	76	215	291	39	10	29
VIKARABAD	Mominpet	Amradi Kalan	117	273	390	39	12	27
VIKARABAD	Pudur	Changomul	214	303	517	40	17	23
VIKARABAD*	Bomraspet	Nazkhanpalle	216	349	565	40	15	25
VIKARABAD	Doulathabad	Bichal	186	526	712	40	10	30
VIKARABAD	Pargi	Nazeerabad	284	516	800	40	14	26
VIKARABAD	Tandur	Allapur .S.	315	532	847	40	15	25

VIKARABAD	Basheerabad	Jeevangi	298	816	1114	40	11	29
VIKARABAD	Bantwaram	Turmamidi	525	827	1352	40	16	24
WANAPARTHY	Madanapur	Dantanoor	325	160	485	39	26	13
WANAPARTHY	Pebbair	Pathapalle	436	229	665	40	26	14
WANAPARTHY	Pangal	Thellarallapalle	250	579	829	40	12	28
WANAPARTHY	Kothakota	Apparala	499	385	884	40	23	17
WANAPARTHY	Pebbair	Gummadam	408	545	953	40	17	23
Warangal Rural	Raiparthy	Burahanpalle	423	596	1019	40	17	23
Warangal Rural	Sangam	Elugur(Rangampet)	963	2042	3005	41	13	28
WARANGAL URBAN	Inavole	Kakkirallapalle	751	559	1310	40	23	17
WARANGAL URBAN	Warangal	W - Warangal (GWMC) ard No.6	1657	767	2424	40	27	13
YADADRI BHUVANAGIRI	Bommalararamam	Boin Palle	182	169	351	39	20	19
YADADRI BHUVANAGIRI	Addaguduru	Chirra Gudur	286	147	433	39	26	13
YADADRI BHUVANAGIRI	Addaguduru	Kotamarthi	324	304	628	40	21	19
YADADRI BHUVANAGIRI	Addaguduru	Kancheppally	441	341	782	40	23	17
YADADRI BHUVANAGIRI	Bhongir	Bhongir (M) - W No.30 ard	903	100	1003	40	36	4
YADADRI BHUVANAGIRI	Bhongir	Yerram Balle	801	344	1145	40	28	12
YADADRI BHUVANAGIRI	Yadagirigutta	Yadagirigutta (Ct)	872	294	1166	40	30	10

* Reserved villages to be used for sampling if any selected village in given district is not accessible, having logistic problem or any other issues

Abbreviations:

a :	District Name	f :	Cattle + Bullalo Population
b :	Block Name	g :	Number of units to Sample
c :	Village Name	h :	Buffalo Proportion
d :	Buffalo Population	i :	Cattle proportion
e :	Cattle Population		

FMD/SEROSUR/NIVEDI/Tripura32/2022**Stratified Random Sampling:**

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 10 + (Cattle + Buffalo) = 929

Design Level Prevalence = 0.18

Cluster Level Prevalence = 0.018

Sensitivity of the test used = 0.90

Total No of Villages (Clusters) Selected = 99

Total No of Animals to be Sampled = 1433 (Restricted)

DISTRICT_NAME (a)	BLOCK_NAME (b)	VILLAGE_NAME (c)	Buffalo Population (d)	Cattle Population (e)	Cattle + Buffalo Population (f)	Number of units to sample (g)	Buffalo Proportion (h)	Cattle Proportion (i)
Dhalai	Manu	Demchhara	0	241	241	14	0	14
Dhalai	Manu	Chiching Cherra	0	257	257	14	0	14
Dhalai	Chawmanu	Chalitacherra	0	491	491	15	0	15
Dhalai	Chawmanu	Rajdhar	179	355	534	15	5	10
Dhalai	Durga Chowmuhani	Manik Bhandar	0	625	625	15	0	15
Dhalai	Salema	Ashapura Roaja Para	0	640	640	15	0	15
Dhalai	Manu	Deo Valley Reserve Forest	0	764	764	15	0	15
Dhalai	Salema	North Kachucherra	0	804	804	15	0	15
Dhalai	Salema	Salema	0	849	849	15	0	15
Dhalai	Dumburnagar	Kalyansing	0	903	903	15	0	15
Dhalai	Salema	Abhanga	0	966	966	15	0	15
Dhalai	Durga Chowmuhani	Chotasurma	0	2145	2145	15	0	15
Gomati	Killa	Joyingbari	0	243	243	14	0	14
Gomati	Ompi	Gamaichhara	23	328	351	14	1	13
Gomati	Kakraban	Dakshin Mirza	0	424	424	15	0	15
Gomati	Kakraban	Ichacherra	0	482	482	15	0	15
Gomati	Ompi	Melchhi	0	584	584	15	0	15
Gomati	Karbook	Dakshin Karbuk	44	645	689	15	1	14
Gomati	Matarbari	Chandrapur Village	0	695	695	15	0	15
Gomati	Matarbari	Jowalikhamar	6	691	697	15	0	15
Gomati	Tepania	Purba Barabiya	0	706	706	15	0	15
Gomati	Killa	Dakshin Baramura	0	731	731	15	0	15
Gomati	Matarbari	Kalaban	0	811	811	15	0	15
Gomati	Matarbari	Purba Dakshin Maharani	26	856	882	15	0	15
Gomati	Tepania	Garjanmura	0	1002	1002	15	0	15
Gomati	Amarpur	Bampur	0	1096	1096	15	0	15
Gomati	Killa	Raiabari	0	1333	1333	15	0	15
Khowai	Teliamura	Duski	0	217	217	14	0	14
Khowai	Mungiakami	Kakrachara	0	311	311	14	0	14
Khowai	Padmabil	Akhrabari	0	367	367	14	0	14
Khowai	Padmabil	Upendra Nagar	0	471	471	15	0	15
Khowai	Teliamura	Paschim Howaibari	0	534	534	15	0	15
Khowai	Tulashikhar	Paschim Rajnagar	0	550	550	15	0	15
Khowai	Tulashikhar	Purba Bachaibari	0	603	603	15	0	15
Khowai	Teliamura	Uttar Krishnanagar	0	1370	1370	15	0	15
Khowai	Teliamura	Madhya Krishnanagar	0	1425	1425	15	0	15
Khowai	Khowai	Purba Ramchandraghat	0	2521	2521	15	0	15

North Tripura	Jubrajnagar	Zaithang	0	211	211	14	0	14
North Tripura	Jubrajnagar	Kameswar	2	439	441	15	0	15
North Tripura	Kadamtala	Tarakpur	6	458	464	15	0	15
North Tripura	Kadamtala	Kadamtala	2	562	564	15	0	15
North Tripura	Dasda	Uttar Dasda	0	641	641	15	0	15
North Tripura	Laljuri	Makumcherra	0	647	647	15	0	15
North Tripura	Panisagar	Deochhara	1	838	839	15	0	15
North Tripura	Laljuri	Santipur	0	880	880	15	0	15
North Tripura	Kadamtala	Bargul	14	1207	1221	15	0	15
North Tripura	Kadamtala	Saraspur	0	1308	1308	15	0	15
Sepahijala	Bishalgarh	Harishnagar	0	230	230	14	0	14
Sepahijala	Kathalia	Baspukur	0	424	424	15	0	15
Sepahijala	Jampuijala	Dayarampara	0	572	572	15	0	15
Sepahijala	Nalchar	Dakshin Nalchar	1	644	645	15	0	15
Sepahijala	Nalchar	Choumohani	0	652	652	15	0	15
Sepahijala	Mohanbhog	Telkajla	0	736	736	15	0	15
Sepahijala	Bishalgarh	Konaban	0	759	759	15	0	15
Sepahijala	Mohanbhog	Dakshin Taibandul	0	864	864	15	0	15
Sepahijala	Bishalgarh	Kasba	0	934	934	15	0	15
Sepahijala	Boxanagar	Putia	0	1018	1018	15	0	15
Sepahijala	Bishalgarh	Ghaniamara	0	1141	1141	15	0	15
Sepahijala	Charilam	Sutamura	0	1163	1163	15	0	15
Sepahijala	Kathalia	Nidaya	0	1599	1599	15	0	15
South Tripura	Satchand	Kaladhepa	0	210	210	14	0	14
South Tripura	Satchand	Bijoynagar	0	437	437	15	0	15
South Tripura	Jolaibari	Paschim Charakbai	0	585	585	15	0	15
South Tripura	Jolaibari	Dakshin Hichachhara	21	653	674	15	0	15
South Tripura	Jolaibari	Latua Tilla	0	676	676	15	0	15
South Tripura	Bharat Chandra Nagar	West Kalabaria	0	686	686	15	0	15
South Tripura	Rajnagar	Uttar Rangamura	0	848	848	15	0	15
South Tripura	Bharat Chandra Nagar	Paschim Paikhola	0	954	954	15	0	15
South Tripura	Bokafa	Takmachara	16	1335	1351	15	0	15
South Tripura	Jolaibari	West Pillak	0	1484	1484	15	0	15
South Tripura	Hrishyamukh	Hrishyamukh	0	1518	1518	15	0	15
South Tripura	Rajnagar	Uttar Srirampur	0	1958	1958	15	0	15
Unakoti	Kumarghat	Juricherra	0	146	146	14	0	14
Unakoti	Pencharthal	Nabinchhara	0	349	349	14	0	14
Unakoti	Kumarghat	Fatikroy	0	477	477	15	0	15
Unakoti	Gourmagar	Rangauti	10	561	571	15	0	15
Unakoti	Chandipur	Murtichhara	1	686	687	15	0	15
Unakoti	Gourmagar	Fulbarikandi	13	734	747	15	0	15
Unakoti	Kumarghat	Kanchanbari	28	1089	1117	15	0	15
Unakoti	Kumarghat	West Kanchanbari	33	1307	1340	15	0	15
West Tripura	Agartala Municipal	Ward No.38	0	44	44	13	0	13
West Tripura	Agartala Municipal	Ward No.36	0	167	167	14	0	14
West Tripura	Old Agartala	Dalura	0	221	221	14	0	14
West Tripura	Lefunga	Uttar Debendrachandranagar	11	237	248	14	1	13

West Tripura	Lefunga	Uttar Bodhjungnagar	2	294	296	14	0	14
West Tripura	Hezamara	Paschim Tamakari	0	328	328	14	0	14
West Tripura	Old Agartala	Purba Champamura	0	377	377	14	0	14
West Tripura	Mandai	Purba Dinabandhu Nagar	0	400	400	14	0	14
West Tripura	Agartala Municipal	Ward No.49	0	415	415	14	0	14
West Tripura	Dukli	Paschim Anandanagar	0	474	474	15	0	15
West Tripura	Hezamara	Baikunthapur	0	523	523	15	0	15
West Tripura	Belbari	Bikram Molsom	2	609	611	15	0	15
West Tripura	Jirania	Uttar Majlishpur	0	707	707	15	0	15
West Tripura	Hezamara	Chandpur	0	862	862	15	0	15
West Tripura	Dukli	Malaynagar	0	1005	1005	15	0	15
West Tripura	Old Agartala	Radhakishorenagar	24	1163	1187	15	0	15
West Tripura	Mohanpur	Vidhyasagar	0	1748	1748	15	0	15

Abbreviations:

a :	District Name	f :	Cattle + Bullalo Population
b :	Block Name	g :	Number of units to Sample
c :	Village Name	h :	Buffalo Proportion
d :	Buffalo Population	i :	Cattle proportion
e :	Cattle Population		

FMD/SEROSUR/NIVEDI/Uttar Pradesh33/2022

Stratified Random Sampling:

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 200 + (Cattle + Buffalo) = 43664

Design Level Prevalence = 0.1165

Cluster Level Prevalence = 0.01165

Sensitivity of the test used = .90

Total No of Villages (Clusters) Selected = 285 (+3 Reserved Villages)

Total No of Animals to be Sampled = 6270

DISTRICT_NAME (a)	BLOCK_NAME (b)	VILLAGE_NAME (c)	Buffalo Population (d)	Cattle Population (e)	Cattle + Buffalo Population (f)	Number of units to sample (g)	Buffalo Proportion (h)	Cattle Proportion (i)
Agra	Kheragarh	Mihawa	1558	248	1806	22	19	3
Agra	Kheragarh	Sarendhi	3930	508	4438	22	19	3
Aligarh	Koil	Mujaffara	642	163	805	22	18	4
Aligarh	Iglas	Nagla Chandram	1069	261	1330	22	18	4
Aligarh	Koil	Maimari	1390	161	1551	22	20	2
Allahabad	Meja	Gat	204	12	216	21	20	1
Allahabad	Soraon	Ebrahimpurtaluka Mendara	204	153	357	22	13	9
Allahabad	Handia	Biyour	223	318	541	22	9	13
Allahabad	Phulpur	Chak Mohamd Urf Pooresood	250	344	594	22	9	13
Allahabad	Meja	Gadevara	342	481	823	22	9	13
Allahabad	Phulpur	Sarai Madan	541	368	909	22	13	9
Allahabad	Karchhana	Semri Ta. Purva	666	249	915	22	16	6
Allahabad	Phulpur	Tendue	552	403	955	22	13	9
Ambedkar Nagar	Tanda	Kalesar	134	171	305	22	10	12
Ambedkar Nagar	Akbarpur	Palai Kalayanpur	301	130	431	22	15	7
Ambedkar Nagar	Tanda	Chitwai	308	131	439	22	15	7
Ambedkar Nagar	Allapur	Naserpur	468	232	700	22	15	7
Ambedkar Nagar	Akbarpur	Pratappur Chmurkha	4501	1666	6167	22	16	6
Amethi	Musafirkhana	Nimpur	241	326	567	22	9	13
Amethi	Tiloi	Brahmani	1951	1212	3163	22	14	8
Amroha	Amroha	Manakjuri	657	27	684	22	21	1
Amroha	Dhanaura	Dehara Kadar Bakhsha	619	504	1123	22	12	10
Amroha	Dhanaura	Chuchaila Kalan	1103	332	1435	22	17	5
Auraiya	Bidhuna	Rampur Baish	758	51	809	22	21	1
Auraiya	Auraiya	Kanchausi	1458	524	1982	22	16	6
Azamgarh	Nizamabad	Dihwavari	162	91	253	22	14	8
Azamgarh	Lalganj	Harni Dehra	93	219	312	22	7	15
Azamgarh	Phulpur	Amagilia	246	90	336	22	16	6
Azamgarh	Phulpur	Belahari Imam Ali	353	133	486	22	16	6
Azamgarh	Azamgarh	Ikrampur	266	259	525	22	11	11
Azamgarh	Mehnagar	Rasapur	265	275	540	22	11	11
Azamgarh	Phulpur	Sadarpur Barauli	350	231	581	22	13	9

Azamgarh	Phulpur	Phatuhi	248	527	775	22	7	15
Azamgarh	Nizamabad	Avdiha Ibrahimpur	522	371	893	22	13	9
Azamgarh	Burhanpur	Bhilampur Chhapara	546	558	1104	22	11	11
Baghpat	Baghpat	Jahangarh Urf Doja	658	278	936	22	15	7
Baghpat	Baghpat	Hisawada	1940	1811	3751	22	11	11
Bahraich	PAYAGPUR	Patu Pur	319	459	778	22	9	13
Bahraich	Kaiserganj	Nakhara Abbupur	334	536	870	22	8	14
Bahraich	PAYAGPUR	Bhawanipur Bankar	1024	580	1604	22	14	8
Ballia	Belthara Road	Sariya Gulabpur	84	170	254	22	7	15
Ballia	Rasra	Dandari Lakhusarai	153	170	323	22	10	12
Ballia	Ballia	Bashudher Pah	56	386	442	22	3	19
Ballia	Belthara Road	Farhada Urf Pura	245	295	540	22	10	12
Ballia	Bairia	Nauka Gaon	117	716	833	22	3	19
Ballia	Ballia	Sihanchour Kalan	368	517	885	22	9	13
Balrampur	Tulsipur	Bakauli Razpur	297	270	567	22	12	10
Balrampur	Tulsipur	Sakhi Ret	461	229	690	22	15	7
Banda	Naraini	Tarahati Kalinzar	629	262	891	22	16	6
Banda	Baberu	Enguva	1478	1603	3081	22	11	11
Barabanki	Sirauli Gauspur	Panhpur	189	217	406	22	10	12
Barabanki	Nawabganj	Nargismau	306	143	449	22	15	7
Barabanki	Fatehpur	Katurikhurd	355	158	513	22	15	7
Barabanki	Nawabganj	Barvas	599	187	786	22	17	5
Barabanki	Fatehpur	Kesrai	478	449	927	22	11	11
Bareilly	Aonla	Khangawa Shyam	248	22	270	22	20	2
Bareilly	Aonla	Badrai Kuiyan	298	94	392	22	17	5
Bareilly	Nawabganj	Nakti Narianpur	320	174	494	22	14	8
Bareilly	Faridpur	Gajnera	362	242	604	22	13	9
Bareilly	Faridpur	Lathauli Kala	546	165	711	22	17	5
Bareilly	Bareilly	Adoopura Jagir	545	200	745	22	16	6
Bareilly	Bareilly	Majhawa Gangapur	551	257	808	22	15	7
Basti	Harraiya	Irbahara	137	88	225	22	13	9
Basti	Basti	Subdeiyakla	82	163	245	22	7	15
Basti	Bhanpur	Tendua Asnahara	219	107	326	22	15	7
Basti	Basti	Harkulia Urf Matiyari	277	60	337	22	18	4
Basti	Harraiya	Nagra Badli	252	85	337	22	16	6
Basti	Harraiya	Pure Ramsingh	391	52	443	22	19	3
Basti	Basti	Unchgav	303	175	478	22	14	8
Basti	Basti	Kusmha	393	132	525	22	16	6
Bijnor	Najibabad	Noorpur Dehara	160	68	228	22	15	7
Bijnor	Dhampur	Hasanpur Palki	248	112	360	22	15	7

Bijnor	Dhampur	Bhavanipur Tarkola	235	228	463	22	11	11
Bijnor	Dhampur	Padratpur	258	211	469	22	12	10
Bijnor	Dhampur	Arazi Kandrla	447	212	659	22	15	7
Bijnor	Dhampur	Mukerpuri Bila Ahatmali	178	526	704	22	6	16
Bijnor	Dhampur	Mohd. Pur Jamal	674	191	865	22	17	5
Bijnor	Nagina	Bhogli Bila Ahatmali	771	333	1104	22	15	7
Budaun	Sahaswan	Haswa Nagla	369	40	409	22	20	2
Budaun	Sahaswan	Paverh Pukhta	537	4	541	22	22	0
Budaun	Bisauli	Harnathpur Mustkharja	367	451	818	22	10	12
Budaun	Sahaswan	Salawatpur Majra Bhoyas	919	108	1027	22	20	2
Budaun	Bisauli	Bagrain	1068	347	1415	22	17	5
Budaun	Sahaswan	Jaunera	1236	274	1510	22	18	4
Bulandshahr	Shikarpur	Dargahpur Basauti	585	158	743	22	17	5
Bulandshahr	Bulandshahr	Girdharpur Nabada	646	240	886	22	16	6
Bulandshahr	Siana	Badshahpur Gadia	796	320	1116	22	16	6
Bulandshahr	Khurja	Naiphal Urf Uchangaon	947	404	1351	22	15	7
Bulandshahr	Shikarpur	Ghungravali Banvaripur	1365	797	2162	22	14	8
Chandauli	Chandauli	Kamrua	231	368	599	22	8	14
Chandauli	Sakaldiha	Sangati	954	759	1713	22	12	10
Chandauli	Sakaldiha	Fesura	1256	1487	2743	22	10	12
Chitrakoot	Karwi	Kaheta Mafi	585	508	1093	22	12	10
Chitrakoot	Karwi	Bhaisaundha	2083	1553	3636	22	13	9
Deoria	Bhatpar Rani	Gaj Tadwa	69	173	242	22	6	16
Deoria	Salempur	Padari Pandey	70	202	272	22	6	16
Deoria	Deoria	Sirwania	240	157	397	22	13	9
Deoria	Rudrapur	Belurghat	290	150	440	22	15	8
Deoria	Bhatpar Rani	Raibari	422	227	649	22	14	8
Deoria	Salempur	Danur	329	397	726	22	10	12
Etah	Etah	Koyana	825	226	1051	22	17	5
Etah	Jalesar	Jarani Khurd Kalan	1812	172	1984	22	20	2
Etawah	Bharthana	Kunwarpur Bhatpur	525	45	570	22	20	2
Etawah	Bharthana	Samhon	2156	401	2557	22	19	3
Faizabad	Faizabad	Alnabhari	326	190	516	22	14	8
Faizabad	Bikapur	Ballikripalpur	585	151	736	22	17	5
Faizabad	Rudauli	Mangi	665	614	1279	22	11	11
Farrukhabad	Farrukhabad	Timarua	578	79	657	22	19	3
Farrukhabad	Kaimganj	Chilouli	526	352	878	22	13	9
Farrukhabad	Farrukhabad	Mahalai	1598	18	1616	22	22	0
Fatehpur	Khaga	Alampur Gauriya	495	290	785	22	14	8
Fatehpur	Fatehpur	Chhewka	921	387	1308	22	15	7

Fatehpur	Khaga	Qasba Sohan	1074	291	1365	22	17	5
Firozabad	Firozabad	Asal Pur	747	284	1031	22	16	6
Firozabad	Shikohabad	Jarooli	1123	336	1459	22	17	5
Gautam Buddha Nagar	Jewar	Mahvalipur	680	184	864	22	17	5
Gautam Buddha Nagar	Gautam Buddha Nagar	Parsaul	1633	278	1911	22	19	3
Ghaziabad	Modinagar	Shamli	688	376	1064	22	14	8
Ghaziabad	Loni	Rashidnagar, Ward no-51	825	311	1136	22	16	6
Ghaziipur	Mohammadabad	Kanuan	45	203	248	22	4	18
Ghaziipur*	Mohammadabad	Baki Khurd	236	51	287	22	18	4
Ghaziipur	Saidpur	Sigarpur	284	278	562	22	11	11
Ghaziipur	Kasimabad	Sidhagar	208	358	566	22	8	14
Ghaziipur	Jakhania	Husanpur	501	211	712	22	15	7
Ghaziipur	Kasimabad	Fephra	266	520	786	22	7	15
Ghaziipur	Saidpur	Modha	454	681	1135	22	9	13
Gonda	Gonda	Sohans	309	134	443	22	15	7
Gonda	Tarabganj	Asartha	375	273	648	22	13	9
Gonda	Gonda	Naroura Arjun	266	465	731	22	8	14
Gonda	Colonelganj	Nagawa Kalan	512	416	928	22	12	10
Gonda	Gonda	Pipra Padum	541	580	1121	22	11	11
Gorakhpur	Sahjanwa	Mahuapar Khas	148	98	246	22	13	9
Gorakhpur	Bansgaon	Bistauli Khurd	99	170	269	22	8	14
Gorakhpur	Gorakhpur	Dephara Jot	114	217	331	22	8	14
Gorakhpur	Bansgaon	Khotha Khas	166	215	381	22	10	12
Gorakhpur	Campierganj	Bhainsala	471	13	484	22	21	1
Gorakhpur	Khajni	Rapatpur	415	329	744	22	12	10
Gorakhpur	Sahjanwa	Khiridand	283	488	771	22	8	14
Gorakhpur	Gorakhpur	Gorakhpur (M Corp.) - Ward No.68	146	845	991	22	3	19
Hamirpur	Hamirpur	Chandupur Danda	565	205	770	22	16	6
Hamirpur	Maudaha	Kunetha	537	828	1365	22	9	13
Hapur	Hapur	Tiyala	837	285	1122	22	16	6
Hapur	Garhmukteshwar	Vait	1456	52	1508	22	21	1
Hardoi	Pihani	Pihani (MB) - Ward No.4	193	76	269	22	16	6
Hardoi	Bilgram	Radena Habib Nagar	449	106	555	22	18	4
Hardoi	Hardoi	Gaidhara	180	418	598	22	7	15
Hardoi	Sandila	Gogawan Dew	346	308	654	22	12	10
Hardoi	Bilgram	Meora	893	336	1229	22	16	6
Hardoi	Bilgram	Kakerhi	1431	603	2034	22	15	7
Hathras	Hathras	Khera Parsauli	924	118	1042	22	20	2
Hathras	Sadabad	Rasgawan	955	303	1258	22	17	5
Jalaun	Jalaun	Nagri	297	362	659	22	10	12

Jalaun	Konch	Titrakhalilpur Khet	643	185	828	22	17	5
Jalaun	Kalpi	Udanpur	1113	251	1364	22	18	4
Jaunpur	Badlapur	Pura Rajwar	72	129	201	21	8	13
Jaunpur	Mariahu	Ghagharpur	103	206	309	22	7	15
Jaunpur	Jaunpur	Atarahi	219	208	427	22	11	11
Jaunpur	Shahganj	Sauracya	252	184	436	22	13	9
Jaunpur	Jaunpur	Nainsand	190	299	489	22	9	13
Jaunpur*	Shahganj	Takha (East)	491	253	744	22	15	7
Jaunpur	Kerakat	Rehari	316	462	778	22	9	13
Jaunpur	Jaunpur	Malhani	496	409	905	22	12	10
Jhansi	Moth	Chelra	518	5	523	22	22	0
Jhansi	Moth	Sakin	887	355	1242	22	16	6
Kannauj	Chhibramau	Sarai Prayag	644	216	860	22	16	6
Kannauj	Chhibramau	Bhojpur Nigoh	1236	348	1584	22	17	5
Kanpur Dehat	Derapur	Balai Bujurg	657	183	840	22	17	5
Kanpur Dehat	Derapur	Lakshmanpur Pilakh	1184	44	1228	22	21	1
Kanpur Nagar	Kanpur	Kanpur (M Corp.) - Ward No.51	251	451	702	22	8	14
Kanpur Nagar	NARWAL	Katrisafipur	1965	3	1968	22	22	0
Kasganj	Kasganj	Athaiya	883	127	1010	22	19	3
Kasganj	Kasganj	Ghinauna	1409	220	1629	22	19	3
Kaushambi	Manjhanpur	Taiyabpur Mangoura	501	275	776	22	14	8
Kaushambi	Sirathu	Tikar Deeh	748	181	929	22	18	4
Kheri	Mohammdi	Mahua Dhab	114	297	411	22	6	16
Kheri	Barwar	Barwar (NP) - Ward No.4	441	232	673	22	14	8
Kheri	Mohammdi	Baibha	465	379	844	22	12	10
Kheri	Lakhimpur	Midanian	732	562	1294	22	12	10
Kheri	Mohammdi	Behjam	1109	1154	2263	22	11	11
Kushi Nagar	Tamkuhi Raj	Maguri Patti	67	192	259	22	6	16
Kushi Nagar	Hata	Patani	275	80	355	22	17	5
Kushi Nagar	Tamkuhi Raj	Parsa Urf Sirsia Ahatmali	124	269	393	22	7	15
Kushi Nagar	Padrauna	Luxmipur Urf Kurmi Patti	707	180	887	22	18	4
Kushi Nagar	Tamkuhi Raj	Razpur Bagaha	208	784	992	22	5	17
Lalitpur	Lalitpur	Satgata	680	468	1148	22	13	9
Lalitpur	Mahrni	Arjun Khiriya	579	1063	1642	22	8	14
Lucknow	Lucknow	Lucknow (M Corp.) - Ward No.5	243	324	567	22	9	13
Lucknow	Mohanlalganj	Kata Karaudi	233	719	952	22	5	17
Maharajganj	Maharajganj	Khempipara	204	224	428	22	10	12
Maharajganj	Maharajganj	Barahra Raja	391	57	448	22	19	3
Maharajganj	Maharajganj	Jagpur Urf Salamatgarh	738	145	883	22	18	4
Mahoba	Mahoba	Mahoba (MB) - Ward No.4	307	261	568	22	12	10

Mahoba	Mahoba	Makarbai	659	613	1272	22	11	11
Mainpuri	Karhal	Manikpur Parasrampur	316	494	810	22	9	13
Mainpuri	Mainpuri	Augautha	4716	1135	5851	22	18	4
Mathura	Mathura	Barauda Mashrakpur	754	257	1011	22	16	6
Mathura	Mahavan	Akos Bangar	1513	9	1522	22	22	0
Mau	Ghosi	Baniyapar Chak Muztaba	159	143	302	22	12	10
Mau	Maunath Bhanjan	Dekwara	236	123	359	22	14	8
Mau	Muhammabad Gohna	Otani	190	226	416	22	10	12
Mau	Muhammabad Gohna	Aldemau	366	229	595	22	14	8
Mau	Maunath Bhanjan	Maunath Bhanjan (MB) - Ward No.6	260	479	739	22	8	14
Meerut	Mawana	Khand Awli	697	186	883	22	17	5
Meerut	Sardhana	Jasar Sultannagar	3373	725	4098	22	18	4
Mirzapur	Mirzapur	Tigora	75	318	393	22	4	18
Mirzapur	Marihan	Rampur Atari	221	311	532	22	9	13
Mirzapur	Marihan	Gortutwa	214	346	560	22	8	14
Mirzapur	Mirzapur	Barkachhakalan	325	626	951	22	8	14
Mirzapur	Lalganj	Dighuli	434	1052	1486	22	6	16
Moradabad	Moradabad	Bhadasana	326	225	551	22	13	9
Moradabad	Kanth	Dari Mahmoodpur	493	348	841	22	13	9
Moradabad	Thakurdwara	Kazipura (M.S.T)	1024	530	1554	22	14	8
Muzaffarnagar	Budhana	Dabal	528	359	887	22	13	9
Muzaffarnagar	Jansath	Nagla Buzurg	1750	269	2019	22	19	3
Pilibhit	Bisalpur	Khanpur Urf Biramapur	186	117	303	22	14	8
Pilibhit	Bisalpur	Gulenda Gautia	285	130	415	22	15	7
Pilibhit	Bisalpur	Khardai	187	230	417	22	10	12
Pilibhit	Bisalpur	Amkhera Lucknow	297	231	528	22	12	10
Pilibhit	Pilibhit	Umarsar Mustqil	443	377	820	22	12	10
Pratapgarh	Patti	Sarwajeetpur	94	146	240	22	9	13
Pratapgarh	Lalganj	Madamai	185	257	442	22	9	13
Pratapgarh	Bela Pratapgarh	Bela Pratapgarh (MB) - Ward No.22	179	374	553	22	7	15
Pratapgarh	Pratapgarh	Antu	322	419	741	22	10	12
Pratapgarh	Kunda	Mirgarwa	574	243	817	22	15	7
Pratapgarh	Patti	Harrai Patti	403	451	854	22	10	12
Rae Bareli	Rae Bareli	Korchanda Mau	204	255	459	22	10	12
Rae Bareli	Rae Bareli	Didhaura Som Mau	301	314	615	22	11	11
Rae Bareli	Dalmau	Daudpur Garhai	335	303	638	22	12	10
Rae Bareli	Unchahar	Bhikh	529	340	869	22	13	9
Rae Bareli	Dalmau	Malik Bhiti Mu.	973	793	1766	22	12	10
Rampur	Shahabad	Shahabad (NP) - Ward No.2	386	53	439	22	19	3
Rampur	Suar	Nankar Rani	557	349	906	22	14	8

Rampur	Suar	Hardashpur Kotra	805	265	1070	22	17	5
Saharanpur	Rampur Maniharan	Turmat Kheri	311	94	405	22	17	5
Saharanpur	Nakur	Chakwali	336	235	571	22	13	9
Saharanpur	Nakur	Essapur	520	281	801	22	14	8
Saharanpur	Nakur	Khanpur Guzar	905	363	1268	22	16	6
Saharanpur	Deoband	Ambehta Shekha	1469	452	1921	22	17	5
Sambhal	Sambhal	Dugawar	863	224	1087	22	17	5
Sambhal	Gunnaur	Lahara Ratu	1310	306	1616	22	18	4
Sambhal	Sambhal	Bhartal Sirsi	1610	730	2340	22	15	7
Sant Kabeer Nagar	Khalilabad	Bishwa Nathpur	247	116	363	22	15	7
Sant Kabeer Nagar	Ghanghata	Bhaisa Khoot	382	156	538	22	16	6
Sant Kabeer Nagar	Ghanghata	Garth Aulia	253	372	625	22	9	13
Sant Ravidas Nagar	Bhadohi	Naguwa	206	199	405	22	11	11
Sant Ravidas Nagar	Bhadohi	Chaubepur Sudhist	329	449	778	22	9	13
Sant Ravidas Nagar	Gyanpur	Bhidiura	339	587	926	22	8	14
Shahjahanpur	Shahjahanpur	Udhaupara	234	27	261	22	20	2
Shahjahanpur	Powayan	Kuwandanda	161	154	315	22	11	11
Shahjahanpur	Jalalabad	Atmadpur Chak	280	140	420	22	15	7
Shahjahanpur	Shahjahanpur	Pathra Khas	375	46	421	22	20	2
Shahjahanpur	Powayan	Navadia Nawazpur	524	177	701	22	16	6
Shahjahanpur	Shahjahanpur	Kurriya Kalan	3350	217	3567	22	21	1
Shamli	Shamli	Bhimla	748	113	861	22	19	3
Shamli	Oon	Kheri Khush Nam	977	651	1628	22	13	9
Shravasti	Bhingra	Tal Baghaura	192	439	631	22	7	15
Shravasti	Ikauna	Laybudwa	935	162	1097	22	19	3
Siddharth Nagar*	Bansi	Surahital	157	73	230	22	15	7
Siddharth Nagar	Shohratgarh	Mudila Khurd	183	78	261	22	15	7
Siddharth Nagar	Domariyaganj	Hisamudeenpur	234	49	283	22	18	4
Siddharth Nagar	Shohratgarh	Chakai Jot	215	117	332	22	14	8
Siddharth Nagar	Naugarh	Birdpurno. I	282	252	534	22	12	10
Siddharth Nagar	Bansi	Sisai Kalan	809	560	1369	22	13	9
Sitapur	Mahmudabad	Bibekpur	129	88	217	21	12	9
Sitapur	Sitapur	Hathuri	365	67	432	22	19	3
Sitapur	Misrikh	Gandhariya	560	116	676	22	18	4
Sitapur	Misrikh	Lakthaha	401	308	709	22	12	10
Sitapur	Laharpur	Gaur Chaukhdia	672	73	745	22	20	2
Sitapur	Biswan	Banni Ghorain	293	480	773	22	8	14
Sitapur	Misrikh	Korawna	818	381	1199	22	15	7
Sonbhadra	Robertsganj	Pithoury	124	187	311	22	9	13
Sonbhadra	Dudhi	Deorihawa	0	467	467	22	0	22

Sonbhadra	Robertsganj	Barak	145	358	503	22	6	16
Sonbhadra	Robertsganj	Koriyanw	307	616	923	22	7	15
Sonbhadra	Dudhi	Manaru Tola	128	1409	1537	22	2	20
Sultanpur	Sultanpur	Mudainavada	163	223	386	22	9	13
Sultanpur	Lambhua	Jatooপুর	262	236	498	22	12	10
Sultanpur	Sultanpur	Khokhipur	144	415	559	22	6	16
Sultanpur	Kadipur	Ahirifiroj Pur	317	413	730	22	10	12
Sultanpur	Sultanpur	Sarayapurevishan	483	726	1209	22	9	13
Unnao	Hasanganj	Ranikhera Khalsa	185	68	253	22	16	6
Unnao	Safipur	Safipur (NP) - Ward No.6	316	68	384	22	18	4
Unnao	Bighapur	Behta Gopi	266	289	555	22	11	11
Unnao	Bangarmau	Bangarmau (MB) - Ward No.7	255	307	562	22	10	12
Unnao	Bangarmau	Jahangirabaad	703	316	1019	22	15	7
Unnao	Purwa	Chak Saraiyan	868	895	1763	22	11	11
Varanasi	Varanasi	Basant Ptti	336	327	663	22	11	11
Varanasi	Varanasi	Sarai Mohana (Ct)	517	1350	1867	22	6	16

* Researved villages to be used for sampling if any selected village in given district is not accessible, having logistic problem or any other issues

Abbreviations:

a :	District Name	f :	Cattle + Bullalo Population
b :	Block Name	g :	Number of units to Sample
c :	Village Name	h :	Buffalo Proportion
d :	Buffalo Population	i :	Cattle proportion
e :	Cattle Population		

FMD/SEROSUR/NIVEDI/Uttarakhand34/2022**Stratified Random Sampling:**

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 100 + (Cattle + Buffalo) = 5528

Animal level Prevalence = 0.2003

Cluster Level Prevalence = 0.02003

Sensitivity of the test used = 0.90

Total No of Villages (Clusters) Selected = 165 (+20 Reserved Villages)

Total No of Animals to be Sampled = 2145

DISTRICT_NAME (a)	BLOCK_NAME (b)	VILLAGE_NAME (c)	Buffalo Population (d)	Cattle Population (e)	Cattle + Buffalo Population (f)	Number of units to sample (g)	Buffalo Proportion (h)	Cattle Proportion (i)
Almora	Bhikiasian	Amuroli	67	40	107	13	8	5
Almora	Jalai	Bayela	40	88	128	13	4	9
Almora	Someshwar	Adhuriya	7	123	130	13	1	12
Almora	Syalde	Kankote	66	68	134	13	6	7
Almora	Chaukhutiya	Gairarh	32	104	136	13	3	10
Almora*	Chaukhutiya	Chandikhet	55	99	154	13	5	8
Almora	Jalai	Eda Sera	6	153	159	13	0	13
Almora	Bhikiasian	Gawal Beena	59	122	181	13	4	9
Almora	Chaukhutiya	Khrktaya	65	125	190	13	4	9
Almora	Ranikhet	Hidam	55	139	194	13	4	9
Almora	Lamgada	Malla Lamkot	58	150	208	13	4	9
Almora	Bhanoli	Nail Par	88	132	220	13	5	8
Almora	Bhanoli	Kabhari	84	140	224	13	5	8
Almora	Someshwar	Agar Raulkuri	68	158	226	13	4	9
Almora	Dwarahat	Baklani	34	200	234	13	2	11
Almora	Dhaulichhina	Maniagar	87	153	240	13	5	8
Almora*	Dhaulichhina	Khas Tilar	54	190	244	13	3	10
Almora	Ranikhet	Saula	96	149	245	13	5	8
Almora	Someshwar	Rait	33	228	261	13	2	11
Almora	Sult	Masaniyabanj	80	183	263	13	4	9
Almora	Bhanoli	Chagethi	199	134	333	13	8	5
Almora	Bagwalipokhar	Basulisera	95	274	369	13	3	10
Bageshwar	Kanda	Bera Talara	69	43	112	13	8	5
Bageshwar*	Garud	Kaulang	56	92	148	13	5	8
Bageshwar	Shama	Gunthi	0	158	158	13	0	13
Bageshwar	Kanda	Dhapti	86	84	170	13	7	6
Bageshwar	Garud	Garser	34	190	224	13	2	11
Bageshwar	Kanda	Sani Udiyar	80	158	238	13	4	9

Bageshwar	Garud	Gheti	50	238	288	13	2	11
Bageshwar	Shama	Malkha Dungerecha	25	304	329	13	1	12
Bageshwar	Garud	Maigari State	220	479	699	13	4	9
Bageshwar	Shama	Gogina	99	897	996	13	1	12
chamoli	Narayanbagar	Harmani Malli	27	75	102	13	3	10
chamoli	Nandprayag	Nandprayag (NP) - Muniyaali Ward No.1	16	135	151	13	1	12
chamoli*	Nandprayag	Med lagga palethi	42	116	158	13	3	10
chamoli	Ghaat	Charbang	65	132	197	13	4	9
chamoli	Jilasu	Airas	45	154	199	13	3	10
chamoli	Nandprayag	Thirpak	27	178	205	13	2	11
chamoli	Tharali	Talwari Khalsa	165	105	270	13	8	5
chamoli	Narayanbagar	Bainoli Talli	78	268	346	13	3	10
chamoli	Chamoli	Baunla	28	322	350	13	1	12
chamoli*	Gairsain	Gairsain (NP) - Ganwali Ward No. 6	188	207	395	13	6	7
chamoli	Gairsain	Patto (Pemtha)	55	354	409	13	2	11
chamoli	Tharali	Lolti	186	227	413	13	6	7
chamoli	Joshimath	Devgram	37	558	595	13	1	12
Champawat	Pati	Niloti	2	126	128	13	0	13
Champawat	Poomagiri	Uchouli Goth	5	142	147	13	0	13
Champawat	Pati	Baswari	139	52	191	13	9	4
Champawat*	Pati	Bhaisarkh	49	152	201	13	3	10
Champawat	Pulla Gumdesh	Khai Kot Malla	62	144	206	13	4	9
Champawat	Pati	Chaurakot	122	206	328	13	5	8
Champawat	Pati	Jawlari	32	327	359	13	1	12
Champawat	Pulla Gumdesh	Matiyani	148	320	468	13	4	9
Champawat	Poomagiri	Naik Goonth/ Naik Khera	98	910	1008	13	1	12
Dehradun	Dehradun	Dehradun (M.Corp) - Mehboob Nagar Ward No.75	71	87	158	13	6	7
Dehradun	Doiwala	Doiwala (MB) - Baaruwala Ward No.4	10	212	222	13	1	12
Dehradun	Vikas Nagar	Katapatthar	7	221	228	13	0	13
Dehradun	Dehradun	Dehradun (M.Corp) -Majara Ward No.77	123	135	258	13	6	7
Dehradun	Doiwala	Doiwala (MB) - Keshavpuri Ward No.11	32	318	350	13	1	12
Dehradun	Vikas Nagar	Dhalani	66	351	417	13	2	11
Dehradun	Chakrata	Samog	31	423	454	13	1	12
Dehradun*	Dehradun	Dehradun (M.Corp) - Mohkhampur Ward No.67	7	570	577	13	0	13

Dehradun	Vikas Nagar	Aduwala	67	517	584	13	1	12
Dehradun	Dehradun	Dehradun (M.Corp) - Ghantaghar Kalika Mandir Ward	328	260	588	13	7	6
Dehradun	Dehradun	Dehradun (M.Corp) -Tilak Road Ward No.22	200	633	833	13	3	10
Dehradun	Vikas Nagar	Jamni Pur	451	1104	1555	13	4	9
Haridwar*	Hardwar	Hardwar (M.Corp) -Shivlok Ward No.16	21	95	116	13	2	11
Haridwar	Laksar	Balchand Wala	193	189	382	13	7	6
Haridwar	Roorkee	Mandawar	316	340	656	13	6	7
Haridwar	Haridwar	Meerpur	304	490	794	13	5	8
Haridwar	Bhagwanpur	Fatehullapur Telpura	539	339	878	13	8	5
Haridwar	Bhagwanpur	Sikandarpur Mawal	1178	310	1488	13	10	3
Haridwar	Laksar	Kalsia	742	802	1544	13	6	7
Haridwar	Laksar	Raghunathpur Urf Balawali	1391	1518	2909	13	6	7
Haridwar	Laldhang	Peeli Padav	1491	1625	3116	13	6	7
Nainital	Nainital	Duhra	43	60	103	13	5	8
Nainital	Nainital	Nagri Gaon	52	141	193	13	4	9
Nainital	Haldwani	Ramari Chhoti	62	138	200	13	4	9
Nainital*	Haldwani	Damua Dhunga Bandobasti (OG)	24	195	219	13	1	12
Nainital	Kosya Kuttauli	Niglat Malla	28	220	248	13	1	12
Nainital	Ramnagar	Birpur Lachhi	99	159	258	13	5	8
Nainital	Okhalkanda	Jhargaon Talla	74	200	274	13	4	9
Nainital	Haldwani	Himmatpur Baijnath	112	167	279	13	5	8
Nainital	Kosya Kuttauli	Kaphutta	170	187	357	13	6	7
Nainital	Ramnagar	Devpur Banstila	99	263	362	13	4	9
Nainital	Kosya Kuttauli	Bajeri	161	231	392	13	5	8
Nainital	Haldwani	Lamachaur Khas	124	270	394	13	4	9
Nainital	Nainital	Kurpankha	134	281	415	13	4	9
Nainital	Okhalkanda	Adhora	341	776	1117	13	4	9
Nainital	Lalkuan	Halduchaur Parma	121	1101	1222	13	1	12
Pauri Garhwal*	Srinagar	Srinagar (MB) - Srikot Ganganaali Malla Ward No.2	0	116	116	13	0	13
Pauri Garhwal	Rikhanikhal	Bayala Talla	7	110	117	13	1	12
Pauri Garhwal	Thailisain	Bhair Gaon Talla	32	86	118	13	4	9
Pauri Garhwal	Rikhanikhal	Nawaei Talli	0	123	123	13	0	13
Pauri Garhwal	Jakhanikhal	Dhansi	15	114	129	13	2	11
Pauri Garhwal	Yamkeshwar	Bairagarh	0	137	137	13	0	13
Pauri Garhwal	Dhoomakot	Patusoli Malla	18	125	143	13	2	11

Pauri Garhwal	Chaubatta	Satpali	8	136	144	13	1	12
Pauri Garhwal	Yamkeshwar	Kolsi	0	146	146	13	0	13
Pauri Garhwal	Pauri	Baunsari	10	142	152	13	1	12
Pauri Garhwal	Satpuli	Kheri lagga Kota Talla	0	155	155	13	0	13
Pauri Garhwal	Lansdowne	Sari Malli	2	153	155	13	0	13
Pauri Garhwal	Chakisain	Serabada Kot Or Sera	12	144	156	13	1	12
Pauri Garhwal	Satpuli	Haluni	0	158	158	13	0	13
Pauri Garhwal	Yamkeshwar	Banas Malla	0	159	159	13	0	13
Pauri Garhwal	Bironkhal	Farsadi	82	86	168	13	6	7
Pauri Garhwal	Pauri	Tangroli	0	170	170	13	0	13
Pauri Garhwal	Lansdowne	Saknyari	0	177	177	13	0	13
Pauri Garhwal	Yamkeshwar	Thunda	3	187	190	13	0	13
Pauri Garhwal	Chaubatta	Gurad Malla	0	204	204	13	0	13
Pauri Garhwal	Pauri	Chouphinda	7	198	205	13	0	13
Pauri Garhwal	Pauri	Dhunka	2	213	215	13	0	13
Pauri Garhwal	Rikhanikhal	Ghotala	4	213	217	13	0	13
Pauri Garhwal*	Yamkeshwar	Umroli	15	205	220	13	1	12
Pauri Garhwal	Chaubatta	Ringwari	0	227	227	13	0	13
Pauri Garhwal	Rikhanikhal	Kalwadi	3	300	303	13	0	13
Pauri Garhwal	Chakisain	Chouthani	75	238	313	13	3	10
Pauri Garhwal	Chakisain	Paligonth Or Palli	59	257	316	13	2	11
Pauri Garhwal	Thailisain	Eithi	133	253	386	13	4	9
Pauri Garhwal	Srinagar	Sigauri	9	378	387	13	0	13
Pauri Garhwal	Kotdwara	Kotdwara (M.Corp) - Ratanpur Saneh Ward No.1	10	470	480	13	0	13
Pauri Garhwal	Kotdwara	Kotdwara (M.Corp) - Shivrajpur Ward No.32	37	1162	1199	13	0	13
Pauri Garhwal*	Kotdwara	Kotdwara (M.Corp) - Lokmanipur Ward No.36	221	1282	1503	13	2	11
Pithoragarh	Berinag	Tharp	32	72	104	13	4	9
Pithoragarh	Devalthal	Harali	16	102	118	13	2	11
Pithoragarh	Pithoragarh	Dungari Rawal	14	124	138	13	1	12
Pithoragarh	Pithoragarh	Naikina Nayak	0	138	138	13	0	13
Pithoragarh	Pithoragarh	Tallisar	30	131	161	13	2	11
Pithoragarh	Tejam	Moram	0	170	170	13	0	13
Pithoragarh	Kanalichina	Pant Sera	64	116	180	13	5	8
Pithoragarh*	Pithoragarh	Kwitarh	19	161	180	13	1	12

Pithoragarh	Tejam	Porthi	3	181	184	13	0	13
Pithoragarh	Berinag	Amhat	76	111	187	13	5	8
Pithoragarh	Tejam	Khoyam	7	214	221	13	0	13
Pithoragarh	Devalthal	Basor	52	198	250	13	3	10
Pithoragarh	Gangolihat	Rautora	135	122	257	13	7	6
Pithoragarh	Berinag	Jagthali	36	224	260	13	2	11
Pithoragarh	Pithoragarh	Pabhai	5	302	307	13	0	13
Pithoragarh*	Pithoragarh	Pithoragarh Khadkot (MB) - Ward No.8	0	314	314	13	0	13
Pithoragarh	Didihat	Bhanara	44	277	321	13	2	11
Pithoragarh	Tejam	Samkot	5	868	873	13	0	13
Rudraprayag	Ukhimath	Barangali	34	81	115	13	4	9
Rudraprayag	Jakholi	Sisau	36	112	148	13	3	10
Rudraprayag	Rudraprayag	Bhausal	61	159	220	13	4	9
Rudraprayag*	Rudraprayag	Kumoli	78	221	299	13	3	10
Rudraprayag	Basukedar	Phegu	48	339	387	13	2	11
Rudraprayag	Basukedar	Birondewal	78	336	414	13	2	11
Rudraprayag	Jakholi	Khaliyan	217	456	673	13	4	9
Tehri Garhwal	Kirtinagar	Mal Gadhi	68	38	106	13	8	5
Tehri Garhwal	Balganga	Naik Wara	37	84	121	13	4	9
Tehri Garhwal	Nainbag	Thureti	17	109	126	13	2	11
Tehri Garhwal	Gaja	Bhadani Khuri	117	23	140	13	11	2
Tehri Garhwal	Balganga	Kireth	75	78	153	13	6	7
Tehri Garhwal*	Dhanaulti	Khaneri Madhe Batwaldhar	71	98	169	13	5	8
Tehri Garhwal	Kandisaur	Raidoni	68	101	169	13	5	8
Tehri Garhwal	Kirtinagar	Maikhandi	139	41	180	13	10	3
Tehri Garhwal	Pratapnagar	Unal Gaon	31	152	183	13	2	11
Tehri Garhwal	Balganga	Paunada	71	127	198	13	5	8
Tehri Garhwal	Pawkidevi	Purwala	139	66	205	13	9	4
Tehri Garhwal	Ghansali	Anuwa May Warh	106	107	213	13	6	7
Tehri Garhwal	Pratapnagar	Kholgarh Palla	102	117	219	13	6	7
Tehri Garhwal	Balganga	Urani	84	140	224	13	5	8
Tehri Garhwal	Dhanaulti	Lagrasu	116	115	231	13	7	6
Tehri Garhwal	Balganga	Saunla	23	208	231	13	1	12
Tehri Garhwal*	Dhanaulti	Kanda Jakh	64	185	249	13	3	10
Tehri Garhwal	Dhanaulti	Ringalgarh	91	268	359	13	3	10
Tehri Garhwal	Dhanaulti	Ontana	33	344	377	13	1	12

Udham Singh Nagar	Kashipur	Kashipur (M.Corp) - Bailjudi Nagar Ward No.38	80	45	125	13	8	5
Udham Singh Nagar	Mahua Dabra Haripura	Mahua Dabra Haripura (NP) - Chauhanaan Ward No.7	109	147	256	13	6	7
Udham Singh Nagar*	Khatima	Khatima (MB) - Amau Mayur Vihaar Ward No.9	278	36	314	13	12	1
Udham Singh Nagar	Gadarpur	Charanpur	81	250	331	13	3	10
Udham Singh Nagar	Kichha	Kichha (MB) - Sonera Ward No.2	57	278	335	13	2	11
Udham Singh Nagar	Kichha	Jawahar Nagar	70	384	454	13	2	11
Udham Singh Nagar	Khatima	Lohia Head Range	682	398	1080	13	8	5
Udham Singh Nagar	Gadarpur	Kaupa	411	701	1112	13	5	8
Udham Singh Nagar	Khatima	Jamaur	1010	304	1314	13	10	3
Udham Singh Nagar	Bajpur	Baria Daulat	803	1321	2124	13	5	8
Uttarkashi	Puraula	Dokhariyani	37	92	129	13	4	9
Uttarkashi	Puraula	Sweel	26	159	185	13	2	11
Uttarkashi	Mori	Khanna	0	190	190	13	0	13
Uttarkashi	Rajgarhi	Kharsali	38	208	246	13	2	11
Uttarkashi*	Puraula	Chhamrotta	18	250	268	13	1	12
Uttarkashi	Mori	Pasa	10	278	288	13	0	13
Uttarkashi	Rajgarhi	Bingsi	66	276	342	13	3	10
Uttarkashi	Rajgarhi	Koti Manpa	88	315	403	13	3	10

* Researved villages to be used for sampling if any selected village in given district is not accessible, having logistic problem or any other issues

Abbreviations:

a :	District Name	f :	Cattle + Bullalo Population
b :	Block Name	g :	Number of units to Sample
c :	Village Name	h :	Buffalo Proportion
d :	Buffalo Population	i :	Cattle proportion
e :	Cattle Population		

FMD/SEROSUR/NIVEDI/West Bengal35/2022**Stratified Random Sampling:**

Species Selected for Stratification = Cattle + Buffalo

Number of Villages Having 50 + (Cattle + Buffalo) = 23095

Animal level Prevalence = 0.411

Cluster Level Prevalence = 0.02055

Sensitivity of the test used = 0.90

Total No of Villages (Clusters) Selected = 161 (+16 Reserved villages)

Total No of Animals to be Sampled = 1127

DISTRICT_NAME (a)	BLOCK_NAME (b)	VILLAGE_NAME (c)	Buffalo Population (d)	Cattle Population (e)	Cattle + Buffalo Population (f)	Number of units to sample (g)	Buffalo Proportion (h)	Cattle Proportion (i)
24 Paraganas North	Gaighata	Chhekatani (Ct)	0	131	131	7	0	7
24 Paraganas North	Amdanga	Harapur	0	185	185	7	0	7
24 Paraganas North	Bagda	Mashyampur	1	278	279	7	0	7
24 Paraganas North	Habra	Habra (M) - Ward No.1	0	285	285	7	0	7
24 Paraganas North	Gaighata	Bharadanga	22	288	310	7	0	7
24 Paraganas North	Bongaon	Chhaygharia	0	584	584	7	0	7
24 Paraganas North	Basirhat - Ii	Chanpa Pukhuria	0	657	657	7	0	7
24 Paraganas North *	Barasat - Ii	Kamduni	143	567	710	7	1	6
24 Paraganas North	Sandeshkhali - Ii	Korakati	0	2523	2523	7	0	7
24 Paraganas South	Mandirbazar	Nurmahammadpur (M)	0	91	91	7	0	7
24 Paraganas South	Mandirbazar	Matilal (K)	0	188	188	7	0	7
24 Paraganas South	Kulpi	Simulbaria	0	214	214	7	0	7
24 Paraganas South	Mandirbazar	Chaitanyapur (M)	0	258	258	7	0	7
24 Paraganas South	Bhangar - I	Pita Simulia	0	453	453	7	0	7
24 Paraganas South	Kakdwip	Sibkalinagar	20	495	515	7	0	7
24 Paraganas South	Baruipur	Solgohalia (Ct)	0	1133	1133	7	0	7
24 Paraganas South	Bhangar - I	Shaksahar	0	1603	1603	7	0	7
24 Paraganas South	Jaynagar - Ii	Chuprijhara	0	1716	1716	7	0	7
24 Paraganas South	Basanti	Uttar Sonakhali	0	4151	4151	7	0	7
Alipurduar*	Falakata	Chuakhola	0	1310	1310	7	0	7
Alipurduar	Alipurduar - I	Bariguri	0	6565	6565	7	0	7
Bankura	Onda	Haryaki	4	146	150	7	0	7
Bankura	Vishnupur	Muchdang	10	178	188	7	0	7
Bankura	Khatra	Parashi Danga	0	192	192	7	0	7
Bankura	Indpur	Hitashi	0	350	350	7	0	7
Bankura	Kotulpur	Padma	0	363	363	7	0	7
Bankura	Chhatna	Upargara	0	442	442	7	0	7
Bankura *	Saltora	Kukhrakuri	16	459	475	7	0	7
Bankura	Jaypur	Simulairi	0	1274	1274	7	0	7
Bankura	Gangajalghati	Nidhirampur	27	1450	1477	7	0	7
Bankura	Kotulpur	Sarishadighi	6	1776	1782	7	0	7
Bankura	Barjora	Rajprasadpur	90	1894	1984	7	0	7
Bankura	Gangajalghati	Ranganathpur	40	2169	2209	7	0	7
Bankura	Raipur	Mandankuli	59	2249	2308	7	0	7
Bardhaman	Burdwan - I	Baman Sirajpur	0	71	71	6	0	6
Bardhaman *	Purbasthali - I	Sonarudra	0	355	355	7	0	7
Bardhaman	Jamalpur	Mahishgaria	0	368	368	7	0	7

Bardhaman	Galsi - Ii	Patrahati	2	451	453	7	0	7
Bardhaman	Manteswar	Panbarca	1	774	775	7	0	7
Bardhaman	Bhatar	Kachgaria	73	743	816	7	1	6
Bardhaman	Bhatar	Nunari	54	936	990	7	0	7
Bardhaman	Ausgram - I	Bhota	0	1201	1201	7	0	7
Bardhaman	Burdwan - I	Baghar	93	1126	1219	7	1	6
Bardhaman	Katwa - I	Srikhanda	179	3595	3774	7	0	7
Birbhum	Bolpur Sriniketan	Mostala	4	161	165	7	0	7
Birbhum*	Bolpur	Bolpur (M) - Ward No.14	0	248	248	7	0	7
Birbhum	Mohammad Bazar	Kamar Naogaon	0	282	282	7	0	7
Birbhum	Sainthia	Bhabaipur	13	394	407	7	0	7
Birbhum	Rajnagar	Patalpur	39	436	475	7	1	6
Birbhum	Suri - Ii	Hatikra	56	512	568	7	1	6
Birbhum	Nalhati - I	Kanior	0	684	684	7	0	7
Birbhum	Labpur	Milanpur	120	594	714	7	1	6
Birbhum	Nanoor	Rupur	17	848	865	7	0	7
Birbhum	Sainthia	Kusumjatra	50	898	948	7	0	7
Coochbehar	Tufanganj - I	Chhat Chilakhana Pratham Khanda	1	58	59	6	0	6
Coochbehar*	Cooch Behar - I	Jhinaidanga	0	496	496	7	0	7
Coochbehar	Sitai	Atiabari Girda Adabari	0	951	951	7	0	7
Coochbehar	Mathabhanga - I	Jamirdanga	0	1063	1063	7	0	7
Coochbehar	Mathabhanga - Ii	Purbba Nilangibari	0	1786	1786	7	0	7
Coochbehar	Sitalkuchi	Bara Masia	42	1843	1885	7	0	7
Coochbehar	Sitalkuchi	Bara Dhaperchatra	0	1923	1923	7	0	7
Darjeeling	Naxalbari	Siubar	0	295	295	7	0	7
Darjeeling	Kharibari	Paschim Rambandh	0	592	592	7	0	7
Darjeeling	Jorebunglow Sukiapokhri	Pokhriabong Khasmahal	0	618	618	7	0	7
Dinajpur Dakshin	Balurghat	Chakbajit	0	61	61	6	0	6
Dinajpur Dakshin	Balurghat	Amril	0	191	191	7	0	7
Dinajpur Dakshin	Gangarampur	Atash	0	254	254	7	0	7
Dinajpur Dakshin	Balurghat	Badbangi	0	255	255	7	0	7
Dinajpur Dakshin	Balurghat	Sarangoan	0	687	687	7	0	7
Dinajpur Dakshin	Harirampur	Purba Saiyadpur (I)	12	1231	1243	7	0	7
Dinajpur Dakshin*	Harirampur	Musan (I)	0	2873	2873	7	0	7
Dinajpur Uttar	Karandighi	Rankul	0	145	145	7	0	7
Dinajpur Uttar	Kaliaganj	Kuria	0	250	250	7	0	7
Dinajpur Uttar	Chopra	Bara Dopaharu	0	518	518	7	0	7
Dinajpur Uttar	Karandighi	Pachloha	0	654	654	7	0	7
Dinajpur Uttar	Goalpokhar - Ii	Kothitola	22	739	761	7	0	7
Dinajpur Uttar	Goalpokhar - Ii	Kariat	17	818	835	7	0	7
Dinajpur Uttar*	Raiganj	Bhitihar	35	869	904	7	0	7
Dinajpur Uttar	Islampur	Islampur (M) - Ward No.4	0	2256	2256	7	0	7
Hooghly	Arambag	Arambag (M) - Ward No.19	0	60	60	6	0	6
Hooghly	Goghat - I	Pirmallik	4	281	285	7	0	7
Hooghly	Arambag	Arunbera	0	312	312	7	0	7
Hooghly	Singur	Baje Melia	103	220	323	7	2	5
Hooghly	Jangipara	Scoraberia	0	335	335	7	0	7

Hooghly	Khanakul - li	Bar Nandanpur	0	866	866	7	0	7
Hooghly*	Polba - Dadpur	Dubir Bheri	64	1023	1087	7	0	7
Hooghly	Goghat - I	Golpur	22	1392	1414	7	0	7
Hooghly	Pursura	Soaluk	12	1809	1821	7	0	7
Howrah	Bagnan - li	Duaniguzrat	0	229	229	7	0	7
Howrah	Shyampur - li	Shashati (Ct)	0	485	485	7	0	7
Howrah	Shyampur - I	Dhandali	3	1568	1571	7	0	7
Jalpaiguri	Maynaguri	Bagjan	4	1416	1420	7	0	7
Jalpaiguri	Mal	Dakshin Khalpara	0	1833	1833	7	0	7
Jhargram	Binpur - li	Srinathpur Urfkuldiha	10	46	56	6	1	5
Jhargram	Binpur - li	Dhuapahari	2	113	115	7	0	7
Jhargram	Binpur - I	Bansh Kona	30	120	150	7	1	6
Jhargram	Jhargram	Kismat Balibhasa	0	211	211	7	0	7
Jhargram	Nayagram	Chhota Tal Pada	0	283	283	7	0	7
Jhargram*	Gopiballavpur - I	Pandi Sol	0	340	340	7	0	7
Jhargram	Gopiballavpur - li	Chainsol	28	348	376	7	1	6
Jhargram	Binpur - I	Tantisol	57	398	455	7	1	6
Jhargram	Jamboni	Jugi Bandh	27	439	466	7	0	7
Jhargram	Nayagram	Ranga Matia	104	491	595	7	1	6
KALIMPONG	Gorubathan	Sakam Forest	0	560	560	7	0	7
Kolkata	Kolkata	Kolkata (M Corp.) - Ward No.79	79	72	151	7	4	3
Maldah	Gazole	Milikipur	6	123	129	7	0	7
Maldah	Bamangola	Berul	8	173	181	7	0	7
Maldah*	English Bazar	English Bazar (M) - Ward No.25	0	383	383	7	0	7
Maldah	Habibpur	Dhala Kandar	10	515	525	7	0	7
Maldah	Harischandrapur	Talgachhi	40	968	1008	7	0	7
Maldah	Habibpur	Baksinagar (Ct)	61	1301	1362	7	0	7
Maldah	Habibpur	Tilashan	102	1801	1903	7	0	7
Medinipur East	Potashpur - I	Sarbhum	0	67	67	6	0	6
Medinipur East	Egra - I	Amedpur	0	157	157	7	0	7
Medinipur East	Contai - I	Paschim Jagannathchak	1	199	200	7	0	7
Medinipur East	Potashpur - I	Dakshin Jali Bheri	0	258	258	7	0	7
Medinipur East	Contai - Iii	Kajli	0	283	283	7	0	7
Medinipur East	Potashpur - li	Dainda	0	342	342	7	0	7
Medinipur East	Sahid Matangini	Shantipur (Ct)	0	376	376	7	0	7
Medinipur East	Potashpur - li	Jagati	0	658	658	7	0	7
Medinipur East *	Ramnagar - I	Daha Daya	0	733	733	7	0	7
Medinipur East	Egra - I	Baranchari	0	756	756	7	0	7
Medinipur East	Potashpur - I	Kharan	0	1041	1041	7	0	7
Medinipur East	Moyna	Gojina	0	1190	1190	7	0	7
Medinipur East	Khejuri - I	Dakshin Kalamdan	0	1701	1701	7	0	7
Medinipur West	Kharagpur - li	Khanjadi	0	72	72	6	0	6
Medinipur West	Debra	Kushia	0	79	79	7	0	7
Medinipur West	Ghatal	Jaykunda	0	145	145	7	0	7
Medinipur West	Salbani	Jagyeswarpur	71	81	152	7	3	4
Medinipur West	Ghatal	Jaybag	0	236	236	7	0	7
Medinipur West	Ghatal	Saoyai	0	240	240	7	0	7

Medinipur West	Garbeta - li	Bagridi	0	263	263	7	0	7
Medinipur West	Keshpur	Langal Dihi	0	277	277	7	0	7
Medinipur West	Kharagpur - li	Madanmohan	4	277	281	7	0	7
Medinipur West	Mohanpur	Dobaria	0	309	309	7	0	7
Medinipur West	Keshpur	Chena Pat	1	339	340	7	0	7
Medinipur West	Pingla	Abdulla	0	408	408	7	0	7
Medinipur West	Garbeta - lii	Bhelaitikri	2	429	431	7	0	7
Medinipur West	Narayangarh	Kashi Pur	0	470	470	7	0	7
Medinipur West	Garbeta - I	Maulara	14	467	481	7	0	7
Medinipur West*	Garbeta - lii	Pathar Kunda	0	611	611	7	0	7
Medinipur West	Narayangarh	Jhanjia Nankar	0	728	728	7	0	7
Medinipur West	Daspur - I	Kantadarja	0	873	873	7	0	7
Medinipur West	Keshiary	Napo	29	1156	1185	7	0	7
Medinipur West	Pingla	Kshirai	0	1463	1463	7	0	7
Medinipur West	Keshpur	Nagda	33	1558	1591	7	0	7
Medinipur West	Daspur - I	Supapursuri	0	1781	1781	7	0	7
Murshidabad	Murshidabad Jiaganj	Chandabag	0	57	57	6	0	6
Murshidabad	Nabagram	Jurankandi	32	275	307	7	1	6
Murshidabad	Beldanga - li	Sompara	12	368	380	7	0	7
Murshidabad	Jiaganj Azimganj	Jiaganj Azimganj (M) - Ward No.15	0	537	537	7	0	7
Murshidabad*	Khargram	Jethya	0	565	565	7	0	7
Murshidabad	Burwan	Raniara Masadda	7	786	793	7	0	7
Murshidabad	Bharatpur - li	Tenya	75	1121	1196	7	0	7
Murshidabad	Bhagawangola - li	Bhandara	8	1307	1315	7	0	7
Murshidabad	Raninagar - li	Katlamari	163	6097	6260	7	0	7
Nadia	Ranaghat - I	Sarkarpur	4	104	108	7	0	7
Nadia	Kaliganj	Sah Mahmudpur	0	229	229	7	0	7
Nadia	Krishnagar - I	Joania	1	448	449	7	0	7
Nadia*	Haringhata	Chandirampur	0	667	667	7	0	7
Nadia	Nakashipara	Dadupur	64	742	806	7	1	6
Nadia	Hanskhali	Badkulla (Ct)	4	1007	1011	7	0	7
Nadia	Kaliganj	Baraitna	28	1254	1282	7	0	7
PASCHIM BARDHAMAN	Salanpur	Ethora	0	824	824	7	0	7
PASCHIM BARDHAMAN	Jamuria	Kenda (Ct)	319	1376	1695	7	1	6
Purulia	Manbazar - li	Chhot Kadam	19	91	110	7	1	6
Purulia	Manbazar - I	Ichadi	60	204	264	7	2	5
Purulia	Barabazar	Ragma	14	302	316	7	0	7
Purulia	Jhalda - I	Chhota Phuhara	14	322	336	7	0	7
Purulia	Balarampur	Darbaria	32	348	380	7	1	6
Purulia	Barabazar	Kansbahal	63	331	394	7	1	6
Purulia	Bagmundi	Peretorang	88	386	474	7	1	6
Purulia	Bundwan	Bandoan (Ct)	50	489	539	7	1	6
Purulia*	Raghunathpur - li	Poradih (P)	0	724	724	7	0	7
Purulia	Purulia - I	Chipida	54	848	902	7	0	7
Purulia	Manbazar - I	Jitujori	193	811	1004	7	1	6
Purulia	Balarampur	Latadah	69	1082	1151	7	0	7

* Researved villages to be used for sampling if any selected village in given district is not accessible, having logistic problem or any other issues

Abbreviations:

a :	District Name	f :	Cattle + Bullalo Population
b :	Block Name	g :	Number of units to Sample
c :	Village Name	h :	Buffalo Proportion
d :	Buffalo Population	i :	Cattle proportion
e :	Cattle Population		

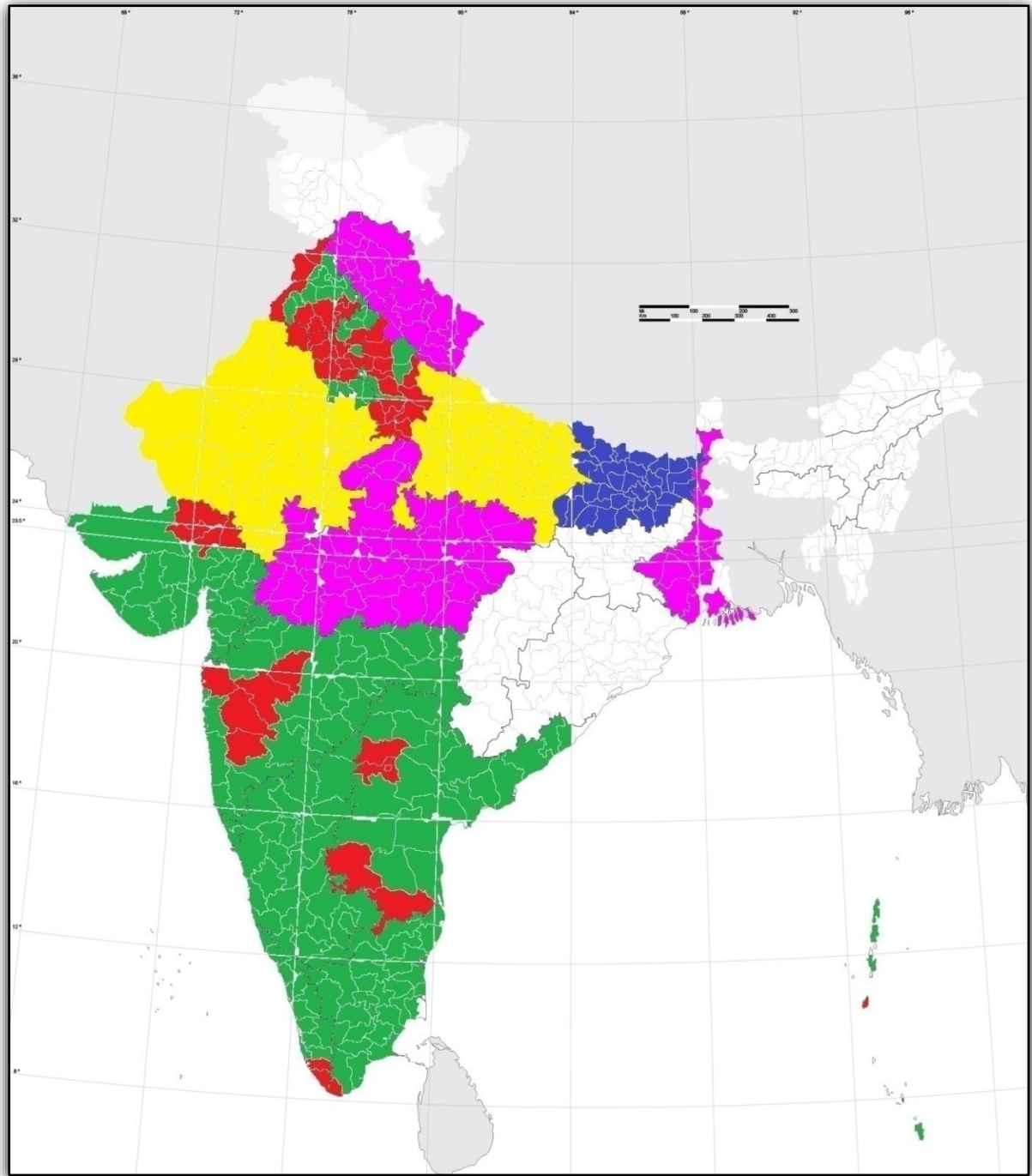


Fig. Phases of FMD Control Program. **Phase I:** 54 districts were covered since the year 2004 (filled Red). **Phase II:** 167 districts were covered since the year 2011(filled Green).**Phase III:** 110 districts were covered since the year 2014 (filled Yellow). **Phase IV:** 38 districts were covered since the year 2015 (filled Blue). **Phase V:** 91 districts were covered since the year 2016 (filled Pink). **Phase VI:** 308 districts were covered since the year 2018 (filled white).