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Government of India
Ministry of Fisheries, Animal Husbandry and Dairying
Department of Animal Husbandry and Dairying

Krishi Bhavan, New Delhi
23.9.2021

Office memorandum

Sub: Nationwide Artificial Insemination programme Phase III – Updated Action Plan on implementation of NAIP Phase III in 597 districts with less than 50 % A.I coverage from 1st August 2021 to 31st May 2022 – Reg.

The undersigned is directed to inform that the updated action plan on implementation of the Nationwide Artificial Insemination programme (NAIP) Phase III commenced from 1st August 2021 to 31st May 2022, in chosen 597 districts with less than 50 % A.I coverage is attached herewith for necessary action.

Encl: as above



(Dr.B.Rajasree)
Assistant Commissioner (RGM)

Distribution:

1. Principal Secretary/ Secretary, Animal Husbandry Department of all States (Excl Kerala)
2. Director, Animal Husbandry Department of all States (Excl Kerala)
3. Chief Executive Officer, Livestock Development Agency/Board of all States (Excl Kerala)
4. Concerned District Veterinary Officers of all States (Excl Kerala)

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**UPDATED ACTION PLAN ON IMPLEMENTATION OF
NATIONWIDE ARTIFICIAL INSEMINATION PROGRAMME –
PHASE III (NAIP III) IN DISTRICTS WITH LESS THAN 50% A.I
COVERAGE**

**2021-22
(September 2021)**



**MINISTRY OF FISHERIES, ANIMAL HUSBANDRY AND DAIRYING,
DEPARTMENT OF ANIMAL HUSBANDRY AND DAIRYING
KRISHI BHAVAN, NEW DELHI-110001**

Contents

1. BACKGROUND	3
2. RATIONALE.....	3
3. AREA OF OPERATION AND DURATION OF THE PROJECT.....	4
4. SELECTION OF VILLAGES.....	4
5. FUNDING PATTERN	4
6. IMPLEMENTING AGENCIES.....	4
7. ACTION PLAN: (1 st August 2021 to 31 st May 2022)	5
8. PROCUREMENT OF BREEDING INPUTS.....	6
9. TRAINING.....	7
10. TAGGING	7
11. PARENTAGE TESTING	7
12. DATA UPLOADING ON INAPH.....	7
13. DATA REPORTING OF PROGRESS ON INAPH.....	8
14. MEDIA AND PUBLICITY	9
15. MONITORING OF THE PROGRAMME	10
16. CALL CENTRE AT DAHD.....	10
17. INCENTIVES	10
18. FINANCIAL IMPLICATION	11
19. MEASURES TO ENSURE QUALITY OF GOODS AND SERVICES.....	11
20. IMPACT ANALYSIS.....	11
21. EXPECTED PROJECT OUTCOME	12
Annexure-I: LIST OF DISTRICTS WITH LESS THAN 50% AI COVERAGE INCLUDING ASPIRATIONAL DISTRICTS.....	13
Annexure-II: MINIMUM STANDARD PROTOCOL PRESCRIBED BY GOI.....	29
Annexure-III: EXPENDITURE TO BE INCURRED UNDER UPDATED NAIP III.....	30
Annexure -IV: A.I FORMAT FOR INAPH UPLOADING.....	33

UPDATED ACTION PLAN ON IMPLEMENTATION OF NATIONWIDE ARTIFICIAL INSEMINATION PROGRAMME - PHASE III (NAIP III) IN DISTRICTS WITH LESS THAN 50% A.I COVERAGE

1. BACKGROUND:

"Rashtriya Gokul Mission" has been launched in Dec. 2014 with the aim of enhancing milk production and productivity of bovine population in the country along with focus on Conservation and Development of Indigenous breeds.

For enhancing the AI coverage, Nationwide Artificial Insemination Programme (NAIP) Phase I and II have been implemented during 2019-20 and 2020-21 in 604 districts having less than 50% A.I coverage. Under these programmes, a total of around 1.76 Crore bovines had been inseminated with semen of high genetic merit bulls. Over 1 Crore farmers got benefitted through these programme.

Owing to the success of the programmes, it has been proposed to continue the campaign mode NAIP Phase III in districts with less than 50% AI coverage including Aspirational districts, covering all breeds of bovines through free A.I .

2. RATIONALE:

A.I is one of the key strategies to increase the productivity of bovines by upgrading their genetic potential. At present, the average A.I coverage of the country is only 30%. Rest of the 70% are either left unbred or bred with scrub bulls of unknown genetic merit. Low AI coverage indicates the poor implementation of breeding programme.

Hence it has been decided to implement a campaign mode A.I programme in districts with less than 50% AI coverage which includes 113 Aspirational districts. The rationale behind choosing districts below 50% A.I coverage is that the districts performing above 50% coverage are expected to reach the targeted 70% coverage in next five years. However districts carrying out less than 50% A.I coverage are not expected to reach the targeted 70% A.I coverage within the same period. The advantage of campaign mode program is that the work that is generally done in an year can be carried out in a few months and it spreads awareness about the programme even in those villages which are not covered by the campaign presently, raising demand for AI in general.

2.3. The programme is implemented with the following objectives.

- a) Providing doorstep reliable AI delivery system in districts with less than 50% A.I coverage.
- b) Birth of genetically superior male and female bovine calves
- c) Increase in Milk Production
- d) Adoption of A.I technology by large number of farmers.
- e) Increase in Farmers' income

3. AREA OF OPERATION AND DURATION OF THE PROJECT:

The Programme will be implemented in 597 identified districts having less than 50% A.I coverage from 1st August 2021 to 31st May 2022 over a period of 10 months covering around 3 Crore breedable bovine female populations (List of 597 districts attached at annexure –I). In case of Hilly States, North Eastern States and Union Territories (Himachal Pradesh, Uttarakhand, Union Territories of Jammu and Kashmir and Ladakh), the programme has been extended to all villages and all districts.

4. SELECTION OF VILLAGES:

All breedable bovines available in all the villages of the district shall be covered through free Artificial Insemination service thereby, ensuring complete saturation of the whole district under the programme. Special emphasis to be given to those villages, which were not covered so far under NAIP Phase I & II.

Selection of districts is based on the A.I Coverage data made available by the States during 2019-20. All breeds of cattle and buffaloes will be covered under this programme. List of 597 Districts with less than 50% AI coverage including 113 aspirational districts are given at Annexure-I. All the activities of the project will be completed over a period of 10 months. Monitoring of the project and follow-up of all the animals covered under the programme shall be continued till calves born.

5. FUNDING PATTERN:

The activity is covered under the scheme Rashtriya Gokul Mission under the component of development and conservation of indigenous breeds as per the guidelines of the scheme. The sub-scheme will be implemented as per the funding pattern approved under RGM on 100 % grant in aid basis.

6. IMPLEMENTING AGENCIES:

6.1 The programme will be implemented by State Implementing Agencies (SIAs)/ State Livestock Development Boards. In case where milk federations are major players in implementing breeding programmes/ having substantial AI infrastructure, they may also be roped in the implementation of the programme as implementing agency as decided by the State Government. Other agencies involved in A.I delivery may also be included under the programme. Funds have been released directly to the State Implementing Agency (SIA). Role of implementing agency is depicted in the following table.

State Implementing Agencies (SIA's)	State Livestock Development Boards/ Milk Federations
End Implementing Agencies (EIA's)	State Animal Husbandry Department
Participating Implementing Agencies (PIA's)	Other agencies having a role in Bovine Development

For better implementation of the scheme, the scheme shall also be included under District Development Coordination and Monitoring Committee (DISHA).

7. ACTION PLAN: (1st August 2021 to 31st May 2022):

During the period all eligible breedable bovines available in the chosen district shall be covered through free artificial insemination service.

Participating farmers' low producing **Indigenous cows** should be upgraded with the semen of High yielding Indigenous Breed bull (selective breeding) with the Minimum Standards (MS) of above 3000 Kgs.

Non-descript cows either may be upgraded with the semen of high yielding Indigenous breed (grading up) meeting above mentioned defined minimum standards or using semen of exotic breeds (Cross breeding) with minimum lactation yield above 10,000 kg in case of HF and 7,000 kg in case of Jersey

Crossbred cows may be upgraded with the use of semen of high yielding crossbred bulls (inter se mating) limiting exotic inheritance to 50% or upgraded with the semen of high yielding exotic bulls limiting exotic inheritance up to 75%, depending upon the State breeding policy. Further, indiscriminate cross breeding shall be avoided by adhering to the notified State breeding policy.

Non descript buffaloes should be upgraded with the semen of high yielding buffalo bulls

like Murrah/Nili Ravi/ Mehsani/Jaffarabadi with minimum lactation yield above 3000 kgs as per the State breeding policy and **descript buffaloes** may be upgraded through selective breeding using HGM bulls of the particular breed.

In villages where co-operative societies are available, A.I shall preferably be done through Dairy Cooperative Societies (DCS)/ through cluster A.I centres of dairy co- operatives.

Though 2.5 A.I's are allowed per animal, in case of animals conceived with a single/ double A.I, the rest of the semen doses shall be used for additional animals (Cattle and Buffalo).

8. PROCUREMENT OF BREEDING INPUTS:

The semen doses for the programme shall be procured by the concerned State Implementing Agency as per the Standards and specifications in the form of Minimum Standard Protocols (MSPs)/ Standard Operating Procedure (SOPs) formulated by Government of India. **Cost of A.I inclusive of semen dose, consumables and storage has been revised as Rs. 40/- A.I from the existing cost of Rs. 25/A.I. under NAIP-III. States are permitted to procure 5% of additional semen doses of their requirement instead of 10%.**

Standards for Selecting Semen: High Yielding Indigenous breed (HYIB) semen to be used should meet the standards and specifications prescribed in MSP for semen production and dams lactation yield should not be below 3000 Kgs/lactation. For semen of HF and Jersey, MSP shall be of 10,000 Kgs for HF and 7000 Kgs for Jersey respectively. For Buffaloes, in case of non- descript buffaloes, semen of Murrah/ Nili-Ravi with MSP of 3000 Kgs and above may be used, as it is easily available. For descript buffaloes, minimum MSP as decided by Government of India should be used. All purchases of semen should be from the 'A' graded Semen Stations accredited by Central Monitoring Unit (CMU) only. **MSP of different breeds notified by GOI is attached at Annexure -III.**

SEXED SEMEN - In States where establishment of sexed semen production has been sanctioned by Gol, the States may substitute sexed semen for normal semen and **add Rs.40/- as Gol contribution on semen cost apart from the admissible cost under sanctioned programme.**

SIRE DIRECTORY OR DETAILS OF BULLS WHOSE SEMEN IS USED FOR A.I – Concerned SIA/LDB/Service provider shall make relevant available copies of sire directory in regional languages to the A.I technician giving details of Bull identification number, Dam's

lactation yield/ Breeding value, fat % including the photograph of the used bull. The A.I technician shall make this information available to the farmer and after performing A.I, the empty straw shall also be made available to the farmer.

9. TRAINING:

Trainers' trainings on data uploading on INAPH data base have already been completed in the States. Training of all the A.I technicians shall be organized with the help of these TOT's again this year in every district, where District Animal Husbandry Officer (DAHO)/ District Veterinary Officer (DVO) should also update them on technical aspects of A.I.

A.I technicians village wise shall be ear marked by the District Coordination team and their name and mobile number shall be made public for use of farmers.

The AI technician shall perform AI following SOPs formulated by Government of India. Copy of Standard Operating Procedure (SOP) for A.I shall be made available to A.I technicians.

10. TAGGING:

All the animals covered under the programme shall be identified using AUID and their data shall be uploaded on INAPH data base. All inseminated animals shall be given Animal health Card (Nakul Swasthya Patra). After AI, the animal shall be followed up for pregnancy diagnosis till calf born and all the events shall be recorded by the AI technician on the data base.

11. PARENTAGE TESTING:

Parentage testing shall be done @ 10 calves/district for of the calves born under NAIP III @ testing cost of Rs. 3400/- (testing has to be done for both dam and calf @ Rs.1700/- as testing fee for each sample of dam and calf).

12. DATA UPLOADING ON INAPH:

The A.I technicians who have been given tablets under Pashu Sanjivani, (used for 20th Livestock Census) must use the tablet directly or use their mobile phone for uploading data on INAPH LITE application on INAPH data base managed by National Dairy Development Board (NDDB). States should try to make all such tablets available to

Government A.I technicians.

12.1 Procedure for uploading of data:

1. The technician has to open the INAPH LITE application, on INAPH database.
2. He has to enter his user ID and password (provided by NDDDB to SIA/State AHD).
3. He has to fill up the registration form on Animal Details. He has to fill all the fields compulsorily (Stepwise format attached at Annexure III). Wherever boxes are provided, he has to enter the numbers or ✓ marks or option to be chosen from dropdown list)
4. After filling up animal registration, he has to fill up details of the owner of the animal.
5. Once registration of animal and owner is over, he has to fill up details on A.I under A.I transaction.
6. After 3 months of insemination, he has to fill up the result on pregnancy diagnosis whether the animal has become pregnant or not.(✓)
7. After an approximate period of 10 months, he has to enter the data on details of calving.

If tablets are not available, data entry sheets (Copy of data sheet for uploading data on INAPH is enclosed in guidelines at Annexure III) have to be printed and supplied to the A.I technicians by the concerned SIA's/SLDB's. AI technicians shall record information on the data sheet and shall either themselves upload the data through their mobiles or shall submit to the officer designated by District authorities for uploading of data on INAPH database.

Data uploaded by AI technicians / District/Block level with desktop facility on INAPH data base may be used for online monitoring of the project activity.

13. DATA ENTRY/ REPORTING OF PROGRESS ON INAPH:

Daily reporting of village wise and district wise progress on the No. of AI done shall be done by the concerned DAHO on INAPH data base so as to provide public scrutiny/ assessment of the programme. **Reports on follow-up on the A.I done, i.e Repeat A.I, Pregnancy diagnosis after a period of 3 months of A.I and calves born details after gestation period (280 days in case of cows and 310 days in case of buffaloes) of A.I shall also to be uploaded on INAPH. The DAHO shall ensure that the progress is uploaded for all activities related to A.I on INAPH immediately, to ensure that the data made available is on real time basis.**

With regard to data entry, all District Veterinary Officers are allowed to hire two Data Entry Operators (DEO) on short term basis for uploading AI data on the portal. A consolidated

remuneration @ Rs.10000/-(Rupees Ten Thousand only) per month for a period of 10 months is earmarked for data entry operator /data entry at district level. Besides uploading the progress on the portal, DEO's shall check up all the INAPH entries and ensure all entries have been done as per format.

14. MEDIA AND PUBLICITY:

At village level: Display board as **'NAIP Village'** should be placed in every village indicating that all the eligible female bovines (cattle and Buffalo) in the village are covered under NAIP through free AI service at farmers doorstep. Intense publicity to be given in villages so far not covered under NAIP Phase I & II.

Banners should be displayed in prominent places and also at sites where A.I is done. Village wise details of AI technicians shall be shared by State and same detail will be displayed in each village through wall paintings, posters etc. Same details should be available as in para 9.1.

At district level : A fund of Rs.5 Lakhs per district has been made available for publicity at village and district level (wall writings, banners), storage and transportation of semen doses, AI consumables and monitoring. Leaflets in regional language should be prepared by the concerned DVO on the following and to be distributed compulsorily to all the farmers for creating awareness.

- Benefits of A.I over natural service
- Detection of heat
- Regarding the information printed on the semen straw -bull No., Breed, MSP etc
- Advantages of high yielding semen for enhancing the productivity.
- Management of cryo containers and liquid nitrogen

- Expected date of pregnancy diagnosis

- **Creating awareness among farmers**

(a) **To ask for the empty straw from the A.I technicians after A.I is performed, to know about the details of semen used for A.I and about the bulls.**

(b) **Economical Importance of attaining early maturity in heifers through feeding balanced diet (ration balancing).**

(c) **On adoption of " One calf every year" concept for sustainable income.**

(d) **Prevention of calf mortality by feeding colostrum immediately after birth, ideally within one hour, for maximum absorption of antibodies in the colostrum.**

Public Participation: Member of Parliament along with Member of Legislative assembly shall be invited for the inauguration programme. The programme shall be organised to create wide publicity in a simple manner.

At State level: For creating awareness about the programme at State level, Rs.5.00 lakh has been made available for printing of A.I formats, preparing and broadcasting of Radio jingles on the importance of A.I, organising awareness camps and Publicity through Television.

15. MONITORING OF THE PROGRAMME:

District level: At the district level, scheme is being monitored by the District Monitoring committee headed by Collector/District Magistrate, Member secretary – DAHO and the Implementing agency, which will hold weekly review meetings ascertaining the progress of the programme, with special reference to AI technicians in the selected villages and the media campaign launched in local language to make the farmers aware of the programme.

State level: State Animal Husbandry Department shall constitute a State Monitoring Committee headed by the Principal Secretary of the department and its members should be Stake holders involved in A.I. In each State, a nodal officer shall be nominated by the State for coordination with the centre. The State Monitoring Committee will meet weekly during the campaign. The State government may change the administrative arrangement of review but will ensure that the weekly review takes place at a level above District Animal Husbandry Officer/District Veterinary Officer and the minutes are shared with the District Collector and the Secretary In charge of Animal husbandry Department in the State.

Central Monitoring Committee: Central Monitoring Committee has been constituted in the Department of Animal Husbandry and Dairying (DAHD) and regular meetings of TMC will be held on monitoring of the programme. DAHD shall depute its officers for monitoring of the programme at State level. In this regard, 3 Veterinarians and 1 Management Consultant will be hired for monitoring the AI progress on short term contract basis for one year @ Rs.50,000/- per month. Three data entry operators will be hired on consolidated basis of Rs. 18000/-month on short time basis for one year for compiling of data.

16. CALL CENTRE AT DAHD

Call centre created under NADCP programme will be utilised for NAIP.

17. INCENTIVES:

All Incentives shall be transferred through bank transaction by the State to AI technicians as

per the guidelines issued by Gol.

Incentive for Tagging: An incentive of Rs.2.50 per animal will be given for tagging under NADCP.

Incentive for A.I and Calf born - Incentive will be made available to the private AI technician/MAITRIs (Not getting salary by Government or Co-operatives) @ Rs 50/ per AI and Rs. 100/- per calf born. All incentives for private A.I technicians/ MAITRIs to be disbursed strictly based on the data uploaded on INAPH and verification of the data by the concerned District Animal Husbandry Officer (DAHO). No incentives shall be paid to government AI technicians or technicians drawing salary from Milk Federations engaged in the programme.

In case of North Eastern States and Hilly States/Union Territories (Himachal Pradesh, Uttarakhand, Union Territories of Jammu and Kashmir and Ladakh), the incentive for private A.I technicians (Not getting salary by Government or Co-operatives) shall be @ Rs.100/- per A.I.

In addition, incentives based on the conception rate shall be provided to A.I technicians (both Government and Private AI's) @ Rs 200/- for achieving conception at first AI and Rs 100/- if conception is achieved at 2nd AI. No incentive shall be provided if animal conceives after 2nd AI.

18. FINANCIAL IMPLICATION:

Detailed State wise expenditure to be incurred is attached at Annexure IV for implementing the genetic upgradation programme in Bovines in 597 districts including aspirational districts with less than 50 % A.I coverage in from (1st August 2021 to 31st May 2022).

19. MEASURES TO ENSURE QUALITY OF GOODS AND SERVICES

Standards and specifications in the form of MSP's/SOP's formulated by Government of India shall be implemented in letter and spirit.

20. IMPACT ANALYSIS

Third party evaluation will be under taken in districts covered under sub-scheme NAIP

Phase II, the term of references shall include a) constraints faced during implementation; b) success rate of AI; c) number of pregnancies reported; and d) different elements including UID and uploading data on Information Network for Animal Productivity & Health (INAPH) data base.

Third party evaluation will be conducted after one year of the programme in the districts covered under the sub scheme. The term of references shall include among others,

- a) Number of female calves born
- b) Performance of A.I technicians
- c) Mortality rate among calves

Impact analysis will be undertaken centrally as per TOR approved by this Department.

21.EXPECTED PROJECT OUTCOME

- Around 7.5 Crore number of AI's would result into birth of 3.00 Cr superior calves.
- Due to this campaign mode approach, 1.35 Crore superior female calves will be produced which will yield 16.2 MMT of milk /annum after 3 years. Cows and buffaloes worth Rs. 54000 Crores (Rs. 40,000 per adult cow) will be added to the farmers household.
- Through sale of milk, dairy farmers will earn an additional income of Rs. 60750 crores.
- There will be improvement in the indigenous breed population by the addition of more milch animals to the dairy herd of the country.

Annexure-I: LIST OF DISTRICTS WITH LESS THAN 50% AI COVERAGE INCLUDING ASPIRATIONAL DISTRICTS

NAIP Phase III District wise List

(in Lakh)

Con. S.No.	State	S. No.	District	Breedable populn as per 20 LC	70% of breedabl e populn	No.of AI done during 2019-20	AI coverage (%)	Target no. of bovines NAIP III
1	Andhra Pradesh	1	Ananthapuramu	292726	204908	258983	42	136225
2	Andhra Pradesh	2	East godavari	448675	314073	326012	35	171482
3	Andhra Pradesh	3	Guntur	462796	323957	472600	49	248588
4	Andhra Pradesh	4	Kadapa	272445	190712	186492	33	98095
5	Andhra Pradesh	5	Kurnool	397064	277945	225436	27	118579
6	Andhra Pradesh	6	Nellore	275076	192553	234654	41	123428
7	Andhra Pradesh	7	Prakasam (Ongole)	405445	283812	357598	42	188097
8	Andhra Pradesh	8	Srikakulam	363105	254174	251634	33	132359
9	Andhra Pradesh	9	West Godavari	355113	248579	326146	44	171553
10	Bihar	1	Araria	502206	351544	44044	4	22022
11	Bihar	2	Arwal	93679	65575	35331	18	17666
12	Bihar	3	Aurangabad	398161	278713	74893	9	37447
13	Bihar	4	Banka	423790	296653	62558	7	31279
14	Bihar	5	Begusarai	337916	236541	261377	37	130689
15	Bihar	6	Bhagalpur	527193	369035	85957	8	42979
16	Bihar	7	Bhojpur	343143	240200	184003	26	92002
17	Bihar	8	Buxar	234219	163953	104219	21	52110
18	Bihar	9	Darbhangha	373368	261358	105745	13	52873
19	Bihar	10	Gaya	631771	442240	104983	8	52492
20	Bihar	11	Gopalganj	198057	138640	144776	35	72388
21	Bihar	12	Jamui	402917	282042	18010	2	9005
22	Bihar	13	Jehanabad	127485	89240	47402	18	23701
23	Bihar	14	Kaimur (bhabua)	313759	219631	69366	11	34683
24	Bihar	15	Katihar	439317	307522	50675	5	25338
25	Bihar	16	Khagaria	232863	163004	141771	29	70886
26	Bihar	17	Kishanganj	299655	209759	15847	3	7924
27	Bihar	18	Lakhisarai	119413	83589	63268	25	31634
28	Bihar	19	Madhepura	409702	286791	64372	7	32186
29	Bihar	20	Madhubani	582074	407452	93848	8	46924

30	Bihar	21	Motihari	434283	303998	132773	15	66387
31	Bihar	22	Munger	138628	97040	55668	19	27834
32	Bihar	23	Muzaffarpur	416735	291715	247449	28	123725
33	Bihar	24	Nalanda	285146	199602	98390	16	49195
34	Bihar	25	Nawada	282539	197777	43754	7	21877
35	Bihar	26	Paschim champaran	352150	246505	100968	14	50484
36	Bihar	27	Patna	504163	352914	153390	14	76695
37	Bihar	28	Purnea	555644	388951	59146	5	29573
38	Bihar	29	Rohtas	430642	301449	106329	12	53165
39	Bihar	30	Saharsa	338780	237146	56264	8	28132
40	Bihar	31	Samastipur	459964	321975	333637	35	166819
41	Bihar	32	Saran	386886	270820	99974	12	49987
42	Bihar	33	Sheikhpura	77671	54370	11205	7	5603
43	Bihar	34	Sheohar	61133	42793	53228	41	26614
44	Bihar	35	Sitamarhi	302191	211534	84765	13	42383
45	Bihar	36	Siwan	315786	221050	89145	13	44573
46	Bihar	37	Supaul	531984	372389	40182	4	20091
47	Bihar	38	Vaishali	270139	189097	137594	24	68797
48	Chhattisgarh	1	BALOD	139541	97679	31286	11	16686
49	Chhattisgarh	2	BALODA BAZAR	229656	160759	58832	12	31377
50	Chhattisgarh	3	BALRAMPUR	138712	97098	26358	9	14058
51	Chhattisgarh	4	BASTAR	71548	50084	12751	8	6801
52	Chhattisgarh	5	BEMETARA	209843	146890	14243	3	7596
53	Chhattisgarh	6	BIJAPUR	94843	66390	3063	2	1634
54	Chhattisgarh	7	BILASPUR	257303	180112	52017	10	27742
55	Chhattisgarh	8	DANTEWADA	57408	40186	3650	3	1947
56	Chhattisgarh	9	DHAMTARI	111285	77900	29576	13	15774
57	Chhattisgarh	10	DURG	164484	115139	24061	7	12833
58	Chhattisgarh	11	GARIYABANDH	96530	67571	14723	7	7852
59	Chhattisgarh	12	JANJIR-CHAMPA	235904	165133	34253	7	18268
60	Chhattisgarh	13	JASHPUR	98203	68742	21355	10	11389
61	Chhattisgarh	14	KABIRDHAM	161766	113236	13970	4	7451
62	Chhattisgarh	15	KANKER	102844	71991	17615	8	9395
63	Chhattisgarh	16	KONDAGAON	77498	54249	6407	4	3417
64	Chhattisgarh	17	KORBA	128252	89776	26512	10	14140
65	Chhattisgarh	18	KOREA	123315	86321	17148	7	9146
66	Chhattisgarh	19	MAHASAMUND	117391	82174	33178	13	17695
67	Chhattisgarh	20	MUNGELI	124786	87350	21683	8	11564
68	Chhattisgarh	21	NARAYANPUR	74002	51801	1513	1	807
69	Chhattisgarh	22	RAIGARH	125674	87972	63638	24	33940
70	Chhattisgarh	23	RAIPUR	183106	128174	36968	10	19716
71	Chhattisgarh	24	RAJNANDGAON	269198	188439	32558	6	17364
72	Chhattisgarh	25	SARGUJA	92293	64605	27263	14	14540
73	Chhattisgarh	26	SUKMA	94838	66387	2409	1	1285
74	Chhattisgarh	27	SURAJPUR	95165	66616	21752	11	11601

75	Goa	1	North Goa	33239	23267	19954	29	10642
76	Goa	2	South Goa	36134	25294	11922	16	6358
77	Gujarat	1	Ahmedabad	319991	223994	152313	23	86311
78	Gujarat	2	Amreli	264742	185319	85169	15	48262
79	Gujarat	3	Bharuch	122570	85799	89122	35	50502
80	Gujarat	4	Bhavnagar	329617	230732	161584	23	91564
81	Gujarat	5	Botad	118595	83017	45865	18	25990
82	Gujarat	6	Chhota Udepur	201556	141089	111538	26	63205
83	Gujarat	7	Dahod	345123	241586	144357	20	81802
84	Gujarat	8	Devbhoomi Dwarka	155635	108945	24321	7	13782
85	Gujarat	9	Gir Somnath	237194	166036	101288	20	57397
86	Gujarat	10	Jamnagar	165423	115796	34665	10	19644
87	Gujarat	11	Junagadh	227800	159460	125250	26	70975
88	Gujarat	12	Kachchh	325724	228007	48348	7	27397
89	Gujarat	13	Morbi	193045	135132	45233	11	25632
90	Gujarat	14	Narmada	84838	59387	65218	37	36957
91	Gujarat	15	Panchmahal	338168	236718	302837	43	171608
92	Gujarat	16	Patan	272403	190682	281091	49	159285
93	Gujarat	17	Porbandar	116917	81842	35029	14	19850
94	Gujarat	18	Rajkot	334199	233939	149153	21	84520
95	Gujarat	19	Surat	339224	237457	230459	32	130593
96	Gujarat	20	Surendranagar	372697	260888	57539	7	32605
97	Gujarat	21	Vadodara	203437	142406	196209	46	111185
98	Haryana	1	Bhiwani	219631	153742	230893	50	130839
99	Haryana	2	Charki Dadri	85118	59583	90104	50	51059
100	Haryana	3	Palwal	169210	118447	173324	49	98217
101	Haryana	4	Panchkula	47720	33404	50213	50	28454
102	Haryana	5	Sonepat	214120	149884	186569	41	105722
103	Himachal pradesh	1	Bilaspur	74485	52140	58617	37	33216
104	Himachal pradesh	2	Chamba	121714	85200	46596	18	26404
105	Himachal pradesh	3	Hamirpur	68003	47602	68669	48	38912
106	Himachal pradesh	4	Kangra	223538	156477	194689	41	110324
107	Himachal pradesh	5	Kinnaur	13933	9753	6056	21	3432
108	Himachal pradesh	6	Kullu	90626	63438	58273	31	33021
109	Himachal pradesh	7	Lahul Spiti	7470	5229	3273	21	1855
110	Himachal pradesh	8	Mandi	224508	157156	185705	39	105233
111	Himachal pradesh	9	Shimla	131636	92145	83807	30	47491
112	Himachal pradesh	10	Sirmour	134245	93972	69928	25	39626

113	Himachal pradesh	11	Solan	111366	77956	82855	35	46951
114	Himachal pradesh	12	Una	89413	62589	98739	53	55952
115	Jammu	1	Doda	86987	60891	24973	14	14151
116	Jammu	2	Jammu	166890	116823	14521	4	8229
117	Jammu	3	Kathua	116325	81428	49740	20	28186
118	Jammu	4	Kishtwar	58951	41266	11932	10	6761
119	Jammu	5	Poonch	90000	63000	17739	9	10052
120	Jammu	6	Rajouri	153500	107450	28026	9	15881
121	Jammu	7	Ramban	53632	37542	11818	10	6697
122	Jammu	8	Reasi	76999	53899	11874	7	6729
123	Jammu	9	Samba	49022	34315	43060	42	24401
124	Jammu	10	Udhampur	120187	84131	30615	12	17349
125	Jharkhand	1	Bokaro	125998	88199	33633	13	17938
126	Jharkhand	2	Chatara	197444	138211	30952	7	16508
127	Jharkhand	3	Deoghar	248300	173810	34128	7	18202
128	Jharkhand	4	Dhanbad	139685	97780	44654	15	23815
129	Jharkhand	5	Dumka	226256	158379	41179	9	21962
130	Jharkhand	6	E. Singhbhoom	115440	80808	32062	13	17100
131	Jharkhand	7	Gharhwa	257801	180461	37381	7	19937
132	Jharkhand	8	Giridih	317572	222300	42649	6	22746
133	Jharkhand	9	Godda	281439	197007	36182	6	19297
134	Jharkhand	10	Gumla	163061	114143	28245	8	15064
135	Jharkhand	11	Hazaribagh	191288	133902	38605	10	20589
136	Jharkhand	12	Jamtara	129251	90476	31425	12	16760
137	Jharkhand	13	Khunti	79770	55839	25618	15	13663
138	Jharkhand	14	Koderma	61055	42739	28173	22	15026
139	Jharkhand	15	Latehar	107623	75336	29200	13	15573
140	Jharkhand	16	Lohardaga	46643	32650	28758	29	15338
141	Jharkhand	17	Pakur	140374	98262	30304	10	16162
142	Jharkhand	18	Palamu	286184	200329	40652	7	21681
143	Jharkhand	19	Ramgarh	36464	25525	25536	33	13619
144	Jharkhand	20	Ranchi	215427	150799	70742	16	37729
145	Jharkhand	21	Sahebganj	115428	80800	33289	14	17754
146	Jharkhand	22	Saraikela	69286	48500	27500	19	14667
147	Jharkhand	23	Simdega	106635	74645	22635	10	12072
148	Jharkhand	24	W Singhbhum	101307	70915	26991	13	14395
149	Karnataka	1	Bagalkot	278000	194600	163807	28	92824
150	Karnataka	2	Belgaum	846000	592200	564961	32	320145
151	Karnataka	3	Bellary	231000	161700	81660	17	46274
152	Karnataka	4	Bidar	176000	123200	64068	17	36305
153	Karnataka	5	Bijapur	199000	139300	83172	20	47131
154	Karnataka	6	Chikmagalur	216000	151200	145666	32	82544
155	Karnataka	7	Chitradurga	206000	144200	139444	32	79018
156	Karnataka	8	Davangere	259000	181300	252524	46	143097

157	Karnataka	9	Dharwad	123000	86100	120275	47	68156
158	Karnataka	10	Gadag	94000	65800	79513	40	45057
159	Karnataka	11	Gulbarga	235000	164500	53324	11	30217
160	Karnataka	12	Kodagu	51000	35700	20600	19	11673
161	Karnataka	13	Koppal	160000	112000	74120	22	42001
162	Karnataka	14	Raichur	238000	166600	41491	8	23512
163	Karnataka	15	Shimoga	361000	252700	192092	25	108852
164	Karnataka	16	Uttar Kannad	204000	142800	88336	21	50057
165	Karnataka	17	Yadgir	180000	126000	22962	6	13012
166	Kashmir	1	Anantnag	123343	86340	91377	35	51780
167	Kashmir	2	Bandipora	50876	35613	31218	29	17690
168	Kashmir	3	Baramulla	102742	71919	67487	31	38243
169	Kashmir	4	Budgam	81791	57254	70522	41	39962
170	Kashmir	5	Ganderbal	39903	27932	40721	49	23075
171	Kashmir	6	Kulgam	71173	49821	63217	42	35823
172	Kashmir	7	Kupwara	113390	79373	39302	17	22271
173	Kashmir	8	Pulwama	138854	97198	98484	34	55808
174	Kashmir	9	Shopian	47709	33396	36892	37	20905
175	Kashmir	10	Srinagar	62108	43476	28346	22	16063
176	Ladakh	1	KARGIL	35264	24685	1763	2	999
177	Ladakh	2	LEH	14183	9928	448	2	254
178	Madhya Pradesh	1	Alirajpur	94065	65846	32020	16	17077
179	Madhya Pradesh	2	Agar Malwa	95529	66870	29549	15	15759
180	Madhya Pradesh	3	Anuppur	99730	69811	44025	21	23480
181	Madhya Pradesh	4	Ashoknagar	183452	128416	30111	8	16059
182	Madhya Pradesh	5	Badwani	173055	121139	33641	9	17942
183	Madhya Pradesh	6	Balaghat	198362	138853	63097	15	33652
184	Madhya Pradesh	7	Betul	196183	137328	111445	27	59437
185	Madhya Pradesh	8	Bhind	160406	112284	91231	27	48657
186	Madhya Pradesh	9	Bhopal	103787	72651	59453	27	31708
187	Madhya Pradesh	10	Burhanpur	58256	40779	37075	30	19773
188	Madhya Pradesh	11	Chhatarpur	243443	170410	50010	10	26672
189	Madhya Pradesh	12	Chhindwara	263687	184581	91738	17	48927
190	Madhya Pradesh	13	Damoh	281021	196715	43850	7	23387

191	Madhya Pradesh	14	Datiya	124050	86835	44308	17	23631
192	Madhya Pradesh	15	Dewas	258277	180794	106659	20	56885
193	Madhya Pradesh	16	Dhar	327189	229032	102080	15	54443
194	Madhya Pradesh	17	Dindori	97642	68349	28122	14	14998
195	Madhya Pradesh	18	Guna	255217	178652	54613	10	29127
196	Madhya Pradesh	19	Gwalior	236532	165572	41780	8	22283
197	Madhya Pradesh	20	Harda	88168	61718	28083	15	14978
198	Madhya Pradesh	21	Hosangabad	199439	139607	69570	17	37104
199	Madhya Pradesh	22	Indore	181633	127143	133314	35	71101
200	Madhya Pradesh	23	Jabalpur	198187	138731	64442	15	34369
201	Madhya Pradesh	24	Jhabua	161195	112837	50262	15	26806
202	Madhya Pradesh	25	Katani	159412	111588	32309	10	17231
203	Madhya Pradesh	26	Khandwa	166960	116872	51562	15	27500
204	Madhya Pradesh	27	Khargone	274999	192499	65290	11	34821
205	Madhya Pradesh	28	Mandla	114457	80120	46526	19	24814
206	Madhya Pradesh	29	Mandsaur	253382	177367	116258	22	62004
207	Madhya Pradesh	30	Morena	387760	271432	97019	12	51743
208	Madhya Pradesh	31	Narsinghpur	193332	135332	60804	15	32429
209	Madhya Pradesh	32	Neemuch	180363	126254	52447	14	27972
210	Madhya Pradesh	33	Panna	224672	157270	62474	13	33319
211	Madhya Pradesh	34	Raisen	251221	175855	61634	12	32871
212	Madhya Pradesh	35	Rajgarh	403387	282371	57141	7	30475
213	Madhya Pradesh	36	Ratlam	216070	151249	85272	19	45478
214	Madhya Pradesh	37	Rewa	414753	290327	81483	9	43458
215	Madhya Pradesh	38	Sagar	475590	332913	77574	8	41373

	Pradesh							
216	Madhya Pradesh	39	Satna	433171	303220	73494	8	39197
217	Madhya Pradesh	40	Sehore	176635	123645	141484	38	75458
218	Madhya Pradesh	41	Seoni	197674	138372	74702	18	39841
219	Madhya Pradesh	42	Shahdol	153657	107560	40277	12	21481
220	Madhya Pradesh	43	Shajapur	195905	137134	64658	16	34484
221	Madhya Pradesh	44	Sheopurkala	184665	129266	27729	7	14789
222	Madhya Pradesh	45	Shivpuri	386910	270837	61499	8	32799
223	Madhya Pradesh	46	Sidhi	174057	121840	67461	18	35979
224	Madhya Pradesh	47	Singroli	184823	129376	33905	9	18083
225	Madhya Pradesh	48	Tikamgarh	246599	172619	75786	15	40419
226	Madhya Pradesh	49	Ujjain	286166	200316	118019	20	62943
227	Madhya Pradesh	50	Umaria	108565	75996	20716	9	11049
228	Madhya Pradesh	51	Vidisha	266776	186743	44369	8	23663
229	Maharashtra	1	Ahmednagar	934468	654128	731696	37	414628
230	Maharashtra	2	Akola	110051	77036	346741	150	196487
231	Maharashtra	3	Amravati	234618	164233	67375	14	38179
232	Maharashtra	4	Aurangabad	252876	177013	105053	20	59530
233	Maharashtra	5	Beed	303240	212268	86957	14	49276
234	Maharashtra	6	Bhandara	136543	95580	67692	24	38359
235	Maharashtra	7	Buldhana	236749	165724	65007	13	36837
236	Maharashtra	8	Chandrapur	128960	90272	32311	12	18310
237	Maharashtra	9	Dhule	163741	114619	41632	12	23591
238	Maharashtra	10	Gadchiroli	141263	98884	15203	5	8615
239	Maharashtra	11	Gondia	130064	91045	38505	14	21820
240	Maharashtra	12	Hingoli	106172	74320	37679	17	21351
241	Maharashtra	13	Jalgaon	358250	250775	136596	18	77404
242	Maharashtra	14	Jalna	163238	114267	46822	14	26532
243	Maharashtra	15	Latur	229469	160628	108559	23	61517
244	Maharashtra	16	Nagpur	195104	136573	71258	17	40380
245	Maharashtra	17	Nanded	294213	205949	72000	12	40800
246	Maharashtra	18	Nandurbar	116660	81662	22520	9	12761
247	Maharashtra	19	Nashik	486957	340870	283001	28	160367
248	Maharashtra	20	Osmanabad	271556	190089	117149	21	66384

249	Maharashtra	21	Palghar	102197	71538	22801	11	12921
250	Maharashtra	22	Parbhani	136135	95295	42414	15	24035
251	Maharashtra	23	Pune	694983	486488	509994	35	288997
252	Maharashtra	24	Raigad	94329	66030	23421	12	13272
253	Maharashtra	25	Ratnagiri	86452	60516	25909	14	14682
254	Maharashtra	26	Sangli	496766	347736	235774	23	133605
255	Maharashtra	27	Satara	401010	280707	393611	47	223046
256	Maharashtra	28	Sindhudurg	52931	37052	19365	17	10974
257	Maharashtra	29	Solapur	715810	501067	211693	14	119959
258	Maharashtra	30	Thane	86461	60523	18397	10	10425
259	Maharashtra	31	Wardha	122395	85677	42954	17	24341
260	Maharashtra	32	Washim	99227	69459	19440	9	11016
261	Maharashtra	33	Yavatmal	250183	175128	49798	9	28219
262	Odisha	1	Angul	97653	68357	53197	26	38302
263	Odisha	2	Balesore	250261	175183	94940	18	68357
264	Odisha	3	Bargarh	78330	54831	72938	44	52515
265	Odisha	4	Bhadrak	202610	141827	57168	13	41161
266	Odisha	5	Bolangir	84669	59268	65195	37	46940
267	Odisha	6	Boudh	34052	23836	22576	32	16255
268	Odisha	7	Cuttack	259337	181536	140709	26	101310
269	Odisha	8	Deogarh	28166	19716	14801	25	10657
270	Odisha	9	Dhenkanal	152754	106928	39545	12	28472
271	Odisha	10	Gajapati	32271	22590	18272	27	13156
272	Odisha	11	Ganjam	188924	132247	65054	16	46839
273	Odisha	12	Jagatsinghpur	109793	76855	115515	50	83171
274	Odisha	13	Jajpur	201780	141246	58426	14	42067
275	Odisha	14	Jharsuguda	28701	20091	13569	23	9770
276	Odisha	15	Kalahandi	74930	52451	37672	24	27124
277	Odisha	16	Kandhamal	45536	31875	38898	41	28007
278	Odisha	17	Kendrapada	161124	112787	73121	22	52647
279	Odisha	18	Keonjhar	144960	101472	61985	20	44629
280	Odisha	19	Khordha	116967	81877	32789	13	23608
281	Odisha	20	Koraput	127008	88906	31840	12	22925
282	Odisha	21	Malkangiri	87880	61516	14459	8	10410
283	Odisha	22	Mayurbhanj	165846	116092	59580	17	42898
284	Odisha	23	Nabarangpur	62828	43980	34267	26	24672
285	Odisha	24	Nayagarh	71688	50182	37279	25	26841
286	Odisha	25	Nuapada	30144	21101	19407	31	13973
287	Odisha	26	Puri	179478	125635	94341	25	67926
288	Odisha	27	Raygada	69015	48311	30481	21	21946
289	Odisha	28	Sambalpur	64382	45067	42787	32	30807
290	Odisha	29	Sonepur	38040	26628	28460	36	20491
291	Odisha	30	Sundargarh	92842	64989	35957	18	25889
292	Punjab	1	Amritsar	235604	164923	242111	49	137196
293	Punjab	2	Barnala	115057	80540	87725	36	49711

294	Punjab	3	Batindha	233610	163527	181064	37	102603
295	Punjab	4	Faridkot	173210	121247	76220	21	43191
296	Punjab	5	Fatehgarh	104998	73499	104111	47	58996
297	Punjab	6	Fazilka	196623	137636	99974	24	56652
298	Punjab	7	Ferozepur	111146	77802	93382	40	52916
299	Punjab	8	Gurdaspur	234688	164282	240057	49	136032
300	Punjab	9	Hoshiarpur	190182	133127	195895	49	111007
301	Punjab	10	Jalandhar	214669	150268	211815	47	120029
302	Punjab	11	Kapurthala	272332	190632	95672	17	54214
303	Punjab	12	Ludhiana	374512	262158	332211	42	188253
304	Punjab	13	Mansa	115361	80753	104965	43	59480
305	Punjab	14	Moga	151383	105968	136473	43	77335
306	Punjab	15	Muktsar	150639	105447	83709	26	47435
307	Punjab	16	Nawanshahr	97654	68358	79642	39	45130
308	Punjab	17	Pathankot	158122	110685	59967	18	33981
309	Punjab	18	Patiala	174225	121958	155163	42	87926
310	Punjab	19	Rupnagar	200609	140426	167460	40	94894
311	Punjab	20	S.A.S Nagar	98553	68987	101180	49	57335
312	Punjab	21	Sangrur	296858	207801	174854	28	99084
313	Punjab	22	Tarn-Tarn	139465	97626	98405	34	55763
314	Rajasthan	1	Ajmer	520000	364000	203496	19	101748
315	Rajasthan	2	Alwar	760000	532000	283464	18	151181
316	Rajasthan	3	Banswara	379000	265300	163097	20	86985
317	Rajasthan	4	Baran	329000	230300	55766	8	29742
318	Rajasthan	5	Barmer	587000	410900	43426	4	23161
319	Rajasthan	6	Bharatpur	240000	168000	230165	46	122755
320	Rajasthan	7	Bhilwara	663000	464100	236456	17	126110
321	Rajasthan	8	Bikaner	645000	451500	81203	6	43308
322	Rajasthan	9	Bundi	331000	231700	76420	11	40757
323	Rajasthan	10	Chittorgarh	453000	317100	117216	12	62515
324	Rajasthan	11	Churu	385000	269500	68974	9	36786
325	Rajasthan	12	Dausa	383000	268100	156117	19	83262
326	Rajasthan	13	Dholpur	259000	181300	76351	14	40721
327	Rajasthan	14	Dungarpur	277000	193900	103791	18	55355
328	Rajasthan	15	Hanumangarh	515000	360500	152656	14	81417
329	Rajasthan	16	Jaipur	1058000	740600	583443	26	311170
330	Rajasthan	17	Jaisalmer	252000	176400	12619	2	6730
331	Rajasthan	18	Jalore	444000	310800	63160	7	33685
332	Rajasthan	19	Jhalawar	383000	268100	48282	6	25750
333	Rajasthan	20	Jhunjhunu	366000	256200	131300	17	70027
334	Rajasthan	21	Jodhpur	685000	479500	202831	14	108177
335	Rajasthan	22	Karauli	341000	238700	104949	15	55973
336	Rajasthan	23	Kota	274000	191800	52561	9	28033
337	Rajasthan	24	Nagaur	651000	455700	236069	17	125903
338	Rajasthan	25	Pali	394000	275800	107769	13	57477

339	Rajasthan	26	Pratapgarh	223000	156100	46091	10	24582
340	Rajasthan	27	Rajsamand	272000	190400	71378	12	38068
341	Rajasthan	28	Sawai Madhopur	256000	179200	62406	12	33283
342	Rajasthan	29	Sikar	528000	369600	237677	21	126761
343	Rajasthan	30	Sirohi	224000	156800	39169	8	20890
344	Rajasthan	31	Sriganganagar	533000	373100	167697	15	89438
345	Rajasthan	32	Tonk	363000	254100	84456	11	45043
346	Rajasthan	33	Udaipur	740000	518000	126993	8	67730
347	Tamil Nadu	1	CHENNAI	18975	13283	1864	5	1056
348	Tamil Nadu	2	CUDDALORE	222160	155512	192838	41	109275
349	Tamil Nadu	3	Kanchipuram	242429	169700	204279	40	115758
350	Tamil Nadu	4	NAGAPATTINAM	182390	127673	117228	31	66429
351	Tamil Nadu	5	PUDUKKOTTAI	307709	215396	155099	24	87889
352	Tamil Nadu	6	RAMANATHAPURAM	53127	37189	51308	46	29075
353	Tamil Nadu	7	SALEM	448268	313788	467875	50	265129
354	Tamil Nadu	8	SIVAGANGA	141589	99112	80007	27	45337
355	Tamil Nadu	9	THE NILGIRIS	36381	25467	24464	32	13863
356	Tamil Nadu	10	THIRUVALLUR	173244	121271	169763	47	96199
357	Tamil Nadu	11	Tiruvannamalai	401566	281096	386880	46	219232
358	Tamil Nadu	12	Villupuram	497923	348546	454302	43	257438
359	Tamil Nadu	13	VIRUDHUNAGAR	150838	105587	155080	49	87879
360	Telangana	1	Adilabad	129857	90900	25115	9	14232
361	Telangana	2	Bhadradi Kothagudem	173985	121790	78845	22	44679
362	Telangana	3	Jagtial	75954	53168	44242	28	25070
363	Telangana	4	Jangaon	102659	71861	59935	28	33963
364	Telangana	5	Jayashankar Bhupalpally	54583	38208	33779	29	19141
365	Telangana	6	Jogulamba gadwal	54339	38037	52544	46	29775
366	Telangana	7	Kamareddy	135914	95140	51364	18	29106
367	Telangana	8	Karimnagar	84928	59450	74201	42	42047
368	Telangana	9	Khammam	259686	181780	228748	42	129624
369	Telangana	10	Komaram Bheem	75184	52629	20164	13	11426
370	Telangana	11	Mahabubabad	114246	79972	60346	25	34196
371	Telangana	12	Mahabubnagar	89687	62781	50538	27	28638
372	Telangana	13	Mancherial	93316	65321	22053	11	12497
373	Telangana	14	Medak	135957	95170	63245	22	35839
374	Telangana	15	Medchal	49177	34424	20419	20	11571
375	Telangana	16	Mulugu	50386	35270	31558	30	17883
376	Telangana	17	Nagarkurnool	144380	101066	55558	18	31483
377	Telangana	18	Nalgonda	233003	163102	125853	26	71317
378	Telangana	19	Narayanapet	77988	54592	37610	23	21312
379	Telangana	20	Nirmal	125986	88190	24065	9	13637
380	Telangana	21	Nizamabad	145481	101837	64832	21	36738

381	Telangana	22	Peddapalli	61762	43233	52510	40	29756
382	Telangana	23	Rajanna Sircilla	53435	37405	41720	37	23641
383	Telangana	24	Ranga Reddy	219474	153632	85599	19	48506
384	Telangana	25	Sanga Reddy	161771	113240	69328	20	39286
385	Telangana	26	Siddipet	137569	96298	85331	30	48354
386	Telangana	27	Suryapet	180044	126031	139421	37	79005
387	Telangana	28	Vikarabad	108680	76076	46411	20	26300
388	Telangana	29	Wanaparthy	68771	48140	41607	29	23577
389	Telangana	30	Warangal (Rural)	78673	55071	64577	39	36594
390	Telangana	31	Warangal (urban)	47195	33037	42142	43	23880
391	Telangana	32	Yadadri Bhuvangiri	126359	88451	109432	41	62011
392	Uttarakhand	1	ALMORA	104562	73193	42671	19	24180
393	Uttarakhand	2	BAGESHWAR	50485	35340	25281	24	14326
394	Uttarakhand	3	CHAMOLI	81065	56746	29649	17	16801
395	Uttarakhand	4	CHAMPAWAT	44725	31308	22886	24	12969
396	Uttarakhand	5	DEHRADUN	125629	87940	89870	34	50926
397	Uttarakhand	6	HARIDWAR	199162	139413	149365	36	84640
398	Uttarakhand	7	NAINITAL	125250	87675	88726	34	50278
399	Uttarakhand	8	PAURI	132476	92733	24149	9	13684
400	Uttarakhand	9	PITHORAGARH	101836	71285	25962	12	14712
401	Uttarakhand	10	RUDRAPRAYAG	49984	34989	16766	16	9501
402	Uttarakhand	11	TEHRI	83115	58181	21674	12	12282
403	Uttarakhand	12	UDHAM SINGH NAGAR	154447	108113	198823	61	112666
404	Uttarakhand	13	UTTARKASHI	51325	35928	22702	21	12864
405	Uttar Pradesh	1	Agra	599250	419475	317035	25	163801
406	Uttar Pradesh	2	Aligarh	633972	443780	335545	25	173365
407	Uttar Pradesh	3	Allahabad	573850	401695	341198	28	176286
408	Uttar Pradesh	4	Ambedkar nagar	249037	174326	166053	32	85794
409	Uttar Pradesh	5	Amethi	292109	204476	225077	37	116290
410	Uttar Pradesh	6	Amroha	366611	256628	257969	34	133284
411	Uttar Pradesh	7	Auraiya	166456	116519	119072	34	61521
412	Uttar Pradesh	8	Azamgarh	500621	350435	281788	27	145590
413	Uttar Pradesh	9	Badaun	497506	348254	360320	34	186165
414	Uttar Pradesh	10	Baghpat	246055	172239	131057	25	67713
415	Uttar Pradesh	11	Bahraich	410242	287169	234823	27	121325
416	Uttar Pradesh	12	Balia	271065	189746	221930	39	114664
417	Uttar Pradesh	13	Balrampur	184633	129243	127969	33	66117
418	Uttar Pradesh	14	Banda	308247	215773	51012	8	26356
419	Uttar Pradesh	15	Barabanki	404982	283487	301361	35	155703
420	Uttar Pradesh	16	Bareilly	418300	292810	286612	33	148083
421	Uttar Pradesh	17	Basti	233004	163103	147285	30	76097
422	Uttar Pradesh	18	Bhadohi	179609	125726	85798	23	44329
423	Uttar Pradesh	19	Bijnor	416685	291680	232589	27	120171
424	Uttar Pradesh	20	Bulandsahar	772262	540583	533257	33	275516

425	Uttar Pradesh	21	Chandauli	222869	156008	214245	46	110693
426	Uttar Pradesh	22	Chitrakoot	288561	201993	81040	13	41871
427	Uttar Pradesh	23	Deoriya	216301	151411	167064	37	86316
428	Uttar Pradesh	24	Etah	337467	236227	260960	37	134829
429	Uttar Pradesh	25	Etawah	210581	147407	152360	34	78719
430	Uttar Pradesh	26	Faizabad	311021	217715	240087	37	124045
431	Uttar Pradesh	27	Farukhabad	199093	139365	122623	29	63355
432	Uttar Pradesh	28	Fatehpur	459675	321773	233869	24	120832
433	Uttar Pradesh	29	Firozabad	312362	218653	199885	30	103274
434	Uttar Pradesh	30	Gautam budh nagar	176930	123851	107843	29	55719
435	Uttar Pradesh	31	Ghaziabad	161041	112729	114249	34	59029
436	Uttar Pradesh	32	Ghazipur	435763	305034	170747	19	88219
437	Uttar Pradesh	33	Gonda	410044	287031	228786	27	118206
438	Uttar Pradesh	34	Gorakhpur	288139	201697	235321	39	121583
439	Uttar Pradesh	35	Hamirpur	228057	159640	53793	11	27793
440	Uttar Pradesh	36	Hapur	192826	134978	143340	35	74059
441	Uttar Pradesh	37	Hardoi	485230	339661	367869	36	190066
442	Uttar Pradesh	38	Hathras	244123	170886	177907	35	91919
443	Uttar Pradesh	39	Jalaun	241538	169077	69324	14	35817
444	Uttar Pradesh	40	Jaunpur	477807	334465	274394	27	141770
445	Uttar Pradesh	41	Jhansi	299916	209941	60363	10	31188
446	Uttar Pradesh	42	Kannauj	217214	152050	123824	27	63976
447	Uttar Pradesh	43	Kanpur Dehat	272185	190530	202125	35	104431
448	Uttar Pradesh	44	Kanpur Nagar	315171	220620	155882	24	80539
449	Uttar Pradesh	45	Kashganj	427823	299476	215527	24	111356
450	Uttar Pradesh	46	Kaushambi	179741	125819	110867	29	57281
451	Uttar Pradesh	47	Kushinagar	226619	158633	178380	37	92163
452	Uttar Pradesh	48	Lakhimpur Khiri	527008	368906	206724	19	106807
453	Uttar Pradesh	49	Lalitpur	358665	251066	37340	5	19292
454	Uttar Pradesh	50	Lucknow	288424	201897	195181	32	100844
455	Uttar Pradesh	51	Maharajganj	123862	86703	91145	35	47092
456	Uttar Pradesh	52	Mahoba	167196	117037	17860	5	9228
457	Uttar Pradesh	53	Mainpuri	270945	189662	179717	32	92854
458	Uttar Pradesh	54	Mathura	503219	352253	237250	22	122579
459	Uttar Pradesh	55	Mau	170319	119223	100261	28	51802
460	Uttar Pradesh	56	Meerut	415198	290639	291791	33	150759
461	Uttar Pradesh	57	Mirzapur	298631	209042	140034	22	72351
462	Uttar Pradesh	58	Moradabad	288128	201690	158006	26	81636
463	Uttar Pradesh	59	Mujaffar nagar	358134	250694	258290	34	133450
464	Uttar Pradesh	60	Pilibhit	194908	136436	142725	35	73741
465	Uttar Pradesh	61	Pratapgarh	359534	251674	128283	17	66280
466	Uttar Pradesh	62	Raibareilly	330937	231656	275699	40	142444
467	Uttar Pradesh	63	Rampur	278717	195102	160034	27	82684
468	Uttar Pradesh	64	Saharanpur	449778	314845	246649	26	127435
469	Uttar Pradesh	65	Sahjahanpur	346482	242537	135342	19	69927

470	Uttar Pradesh	66	Sambhal	356796	249757	240075	32	124039
471	Uttar Pradesh	67	Sant kabir nagar	104028	72820	76734	35	39646
472	Uttar Pradesh	68	Shamli	183780	128646	116005	30	59936
473	Uttar Pradesh	69	Shrawasti	135441	94809	80657	28	41673
474	Uttar Pradesh	70	Siddharth nagar	196964	137875	139209	34	71925
475	Uttar Pradesh	71	Sitapur	410357	287250	309422	36	159868
476	Uttar Pradesh	72	Sonbhadra	278821	195175	118622	20	61288
477	Uttar Pradesh	73	Sultanpur	333047	233133	162825	23	84126
478	Uttar Pradesh	74	Unnao	402168	281518	236694	28	122292
479	Uttar Pradesh	75	Varanasi	317483	222238	177152	27	91529
480	West Bengal	1	Alipurduar	211310	147917	81020	18	45911
481	West Bengal	2	Bankura	565193	395635	239937	20	135964
482	West Bengal	3	Bardhaman East	663859	464701	386599	28	219073
483	West Bengal	4	Bardhaman West	127798	89459	44491	17	25212
484	West Bengal	5	Birbhum	442084	309459	238614	26	135215
485	West Bengal	6	Cooch Behar	493717	345602	263459	25	149293
486	West Bengal	7	Dakshin Dinajpur	190980	133686	106573	27	60391
487	West Bengal	8	Darjeeling	83594	58516	3096	8	18736
488	West Bengal	9	Hooghly	399539	279677	314477	37	178204
489	West Bengal	10	Howrah	113066	79146	98244	41	55672
490	West Bengal	11	Jalpaiguri	284696	199287	132885	22	75302
491	West Bengal	12	Jhargram	190688	133482	54834	14	31073
492	West Bengal	13	Kalimpong	22087	15461	2063	4	1169
493	West Bengal	14	Malda	371333	259933	216599	28	122739
494	West Bengal	15	Murshidabad	454115	317881	472990	50	268028
495	West Bengal	16	N 24 PGS	267790	187453	212720	38	120541
496	West Bengal	17	Pashim Mednipur	718353	502847	367325	24	208151
497	West Bengal	18	Purba Mednipur	449161	314413	189545	20	107409
498	West Bengal	19	Purulia	244023	170816	88331	17	50054
499	West Bengal	20	S 24 PGS	382951	268066	161238	20	91368
500	Arunachal Pradesh	1	Changlang	10670	7469	0	0	0
501	Arunachal Pradesh	2	Dibang Valley	138	97	0	0	0
502	Arunachal Pradesh	3	East Kameng	9938	6957	0	0	0
503	Arunachal Pradesh	4	East Siang	14564	10195	321	1	139
504	Arunachal Pradesh	5	Lohit	28526	19968	502	1	218
505	Arunachal Pradesh	6	Lower Dibang Valley	5864	4105	311	3	135
506	Arunachal Pradesh	7	Lower Subansiri	15270	10689	182	1	79
507	Arunachal Pradesh	8	Namsai	3558	2491	776	10	336

508	Arunachal Pradesh	9	Papum-Pare	12351	8646	0	0	0
509	Arunachal Pradesh	10	Siang	4297	3008	0	0	0
510	Arunachal Pradesh	11	Tawang	7395	5177	0	0	0
511	Arunachal Pradesh	12	Tirap	865	606	0	0	0
512	Arunachal Pradesh	13	West Kameng	6239	4367	242	2	105
513	Arunachal Pradesh	14	West Siang (Lower Siang)	4720	3304	0	0	0
514	Assam	1	BAKSA	130891	91624	9608	3	4212
515	Assam	2	Barpeta	190033	133023	62270	16	27295
516	Assam	3	Biswanath	119431	83602	7723	3	3385
517	Assam	4	BONGAIGAON	94784	66349	28948	15	12689
518	Assam	5	Cachar	152433	106703	11266	4	4938
519	Assam	6	Chirang	74482	52137	5760	4	2525
520	Assam	7	DARRANG	169239	118467	19108	5	8376
521	Assam	8	DHEMAJI	137535	96275	1255	0	550
522	Assam	9	DHUBRI	137729	96410	15584	5	6831
523	Assam	10	Dibrugarh	98160	68712	8296	4	3636
524	Assam	11	Dima Hasao	13742	9619	1514	5	664
525	Assam	12	Goalpara	112394	78676	10051	4	4406
526	Assam	13	Golaghat	262861	184003	9743	2	4271
527	Assam	14	Hailakandi	58336	40835	9265	8	4061
528	Assam	15	Hojai	111700	78190	22429	10	9831
529	Assam	16	Jorhat	162834	113984	12496	4	5477
530	Assam	17	Kamrup	204348	143044	32896	8	14419
531	Assam	18	Kamrup (M)	55108	38576	18522	16	8119
532	Assam	19	Karbi Anglong	101490	71043	4779	2	2095
533	Assam	20	Karimganj	117129	81990	4989	2	2187
534	Assam	21	Kokrajhar	107969	75578	7710	3	3380
535	Assam	22	Lakhimpur	166173	116321	7143	2	3131
536	Assam	23	Majuli	37596	26317	438	1	192
537	Assam	24	Morigaon	124559	87191	25098	10	11001
538	Assam	25	Nagaon	249989	174992	66497	13	29148
539	Assam	26	Nalbari	113974	79782	27845	12	12205
540	Assam	27	Sibsagar	104879	73415	7790	4	3415
541	Assam	28	Sonitpur	184782	129347	31688	8	13890
542	Assam	29	Soraideu	27823	19476	2243	4	983
543	Assam	30	South Salmara	47590	33313	3518	4	1542
544	Assam	31	Tinsukia	119277	83494	10868	4	4764
545	Assam	32	Udalguri	126956	88869	6041	2	2648
546	Assam	33	West Karbi Anglong	39920	27944	277	0	121
547	Manipur	1	BISHNUPUR	2095	1467	2095	48	908

548	Manipur	2	CHANDEL	83	58	83	48	36
549	Manipur	3	CHURACHANDPUR	461	323	461	48	200
550	Manipur	4	IMPHAL EAST	1560	1092	1560	48	676
551	Manipur	5	IMPHAL WEST	5052	3536	5052	48	2189
552	Manipur	6	SENAPATI	807	565	807	48	350
553	Manipur	7	TAMENGLONG	40	28	40	48	17
554	Manipur	8	THOUBAL	3553	2487	3553	48	1540
555	Manipur	9	UKHRUL	217	152	217	48	94
556	Meghalaya	1	East Khasi Hills	50768	35538	8159	2720	8
557	Meghalaya	2	Ri Bhoi	36923	25846	10226	3409	13
558	Meghalaya	3	South Garo	50497	35348	0	0	0
559	Meghalaya	4	South West Garo Hills	68011	47608	1046	349	1
560	Meghalaya	5	South West Khasi hills	20897	14628	0	0	0
561	Meghalaya	6	West Garo Hills	138230	96761	1579	526	1
562	Meghalaya	7	West Jaintia Hills	26025	18218	474	158	1
563	Meghalaya	8	East Garo Hills	25068	17548	37	12	0
564	Meghalaya	9	North Garo hills	22839	15987	6	2	0
565	Meghalaya	10	West Khasi Hills	52648	36854	68	23	0
566	Meghalaya	11	East Khasi Hills	50768	35538	8159	2720	8
567	Mizoram	1	Aizawl	3897	2728	2348	29	1017
568	Mizoram	2	Champhai	3185	2230	558	8	242
569	Mizoram	3	Kolasib	3670	2569	577	7	250
570	Mizoram	4	Lawngtlai	1692	1184	237	7	103
571	Mizoram	5	Lunglei	2445	1712	805	16	349
572	Mizoram	6	Mamit	1209	846	87	3	38
573	Mizoram	7	Serchhip	1719	1203	417	12	181
574	Mizoram	8	Siaha	1585	1110	137	4	59
575	Nagaland	1	Dimapur	7468	5228	10859	69	4706
576	Nagaland	2	Kiphire	562	393	125	11	54
577	Nagaland	3	Kohima	5113	3579	6994	65	3031
578	Nagaland	4	Longleng	4312	3018	112	1	49
579	Nagaland	5	Mokokchung	716	501	1164	77	504
580	Nagaland	6	Mon	3204	2243	106	2	46
581	Nagaland	7	Peren	6714	4700	571	4	247
582	Nagaland	8	Phek	2055	1439	419	10	182
583	Nagaland	9	Tuensang	2967	2077	104	2	45
584	Nagaland	10	Wokha	903	632	92	5	40
585	Nagaland	11	Zunheboto	3201	2241	102	2	44
586	Sikkim	1	East	33746	23622	9407	13	4076
587	Sikkim	2	West	29989	20992	5450	9	2362
588	Sikkim	3	North	12195	8537	147	1	64
589	Sikkim	4	South	26117	18282	3121	6	1352

590	Tripura	1	Dhalai	49720	34804	12385	12	5367
591	Tripura	2	Gomati	55593	38915	19872	17	8611
592	Tripura	3	Khowai	36989	25892	13869	18	6010
593	Tripura	4	North District	40255	28179	9720	11	4212
594	Tripura	5	Sepahijala	72150	50505	33454	22	14497
595	Tripura	6	South District	74602	52221	11377	7	4930
596	Tripura	7	Unakoti	35533	24873	4509	6	1954
597	Tripura	8	West District	54191	37934	38938	34	16873
	Total			121993607	85395525	55087739	21	30002893

Annexure-II: MINIMUM STANDARD PROTOCOL PRESCRIBED BY GOI

Breed	Dam's Lactation yield (Kgs)		
	First	Best	Fat%
Holstein Friesian	7000	10000	3.5
Jersey	5000	6000	5.0
Sahiwal	2400	3000	4.0
Red Sindhi	2000	2500	4.5
Gir	2400	3000	4.5
Kankrej	2000	2500	4.5
Tharparkar	2000	2500	4.0
Hariana	1600	2000	4.0
Rathi	1600	2000	4.0
Ongole	1100	1600	4.0
Deoni	800	1000	4.0
Khillar	380	500	4.0
Dangi	400	530	4.0
Amritmahal	400	500	4.0
HF Cross- F2	5000	6000	4.0
Jersey Cross- F2	3500	4500	4.5
Sunandini	2500	3000	3.5
Murrah	2400	3000	7.0
Mehsana	2400	3000	7.0
Nili Ravi	2400	3000	7.0
Jaffrabadi	2800	3500	8.0
Surti	1600	2000	7.0
Banni	2400	3000	7.0
Bhadawari	1300	1600	8.0
Pandharpuri	1300	1600	7.0

The standard for Dam's lactation yield for FI cross bulls will be the same as that of respective indigenous bull dam i.e. Gir, Sahiwal, Kankrej, Red Sindhi, etc.

For Breeds not mentioned in above table, concerned State government may notify the min. Dam's lactation details and Breed code.

For imported bulls and embryos, the standards for import of germplasm as prescribed in the "Guidelines for export / import of bovine germplasm" issued and amended from time - to -time by DAHD, Ministry of Fisheries, Animal Husbandry and Dairying, GOI shall be applicable

Annexure III

NAIP III Expenditure Statement (Revision of A.I cost from Rs. 25/- to Rs. 40/- per A.I) (Rs. in lakh)

S. No	No. of districts	Target no. of animals (lakh)	No. of A.I performed	Total No. of A.I to be performed @ 2.5 A.I/animal (lakh)	No. of semen doses reqd +5% extra (lakh)	Cost of semen doses including transportation and Storage @ Rs. 40/ dose	Incentives on A.I to PVT. A.I. tech @ Rs. 50/A.I & Rs.100/- for NER and hilly States	Incentives @ Rs. 200/- for achieving concept on first AI (all AIT's)	Incentives @ Rs. 100/- for achieving concept on 2nd AI (all AIT's)	Incentives on calf born to Pvt. A.I. tech @ Rs. 100/Calf born	Hiring of 2 DEOs on consolidated basis @ Rs. 10000/- per month for 10 months per district/Dam entry charges	Contingency grant @ Rs. 5 lakhs/- per district for publicity at village and district level (wall writing, Banners etc) monitoring of progress, storage, transportation of semen doses & AI consumables	Parentage testing for 10 calves/district @ Rs.3400/calf for both dam & Calf samples @ Rs. 1700/calf and Rs. 1700 for dam both)	Awareness programme at State level @ Rs.5 lakh	Total expenditure (Rs. in lakh)	Unspent available under NAIP I/II
1	Andhra Pradesh	13.88	41.64	34.7	36.4	1457.4	867.5	971.6	832.8	694.0	18.0	45.00	3.06	5.0	4894	67.5
2	Bihar	18.38	55.14	46.0	48.2	1929.9	1148.8	1286.6	1102.8	919.0	76.0	190.00	12.92	5.0	6671	743.7
3	Chhattisgarh	3.46	10.38	8.7	9.1	363.3	216.3	242.2	207.6	173.0	54.0	135.00	9.18	5.0	1406	1032.8
4	Gujarat	14.09	42.27	35.2	37.0	1479.5	880.7	986.3	845.4	704.5	42.0	105.00	7.14	5.0	5056	868.4
5	Goa	0.17	0.51	0.4	0.4	17.9	10.6	11.9	10.2	8.5	4.0	10.00	0.68	5.0	79	95.87
6	Haryana	4.14	12.43	10.4	10.9	435.0	258.9	290.0	248.6	207.1	10.0	25.00	1.70	5.0	1481	130.9
7	Himachal Pradesh	5.42	16.27	13.6	14.2	569.5	678.0	379.7	325.5	271.2	24.0	60.00	4.08	5.0	2317	1583.6
8	UT Jammu & Kashmir	4.60	13.80	11.5	12.1	483.0	575.0	322.0	276.0	230.0	40.0	100.00	6.80	5.0	2038	128.1
9	Ladakh	0.01	0.04	0.0	0.0	1.3	0.8	0.9	0.8	0.6	4.0	10.00	0.68	5.0	24	59.9
10	Jharkhand	10.00	30.00	25.0	26.3	1050.0	833.3	700.0	600.0	666.7	48.0	120.00	8.16	5.0	4031	0.0
11	Karnataka	12.40	37.20	31.0	32.5	1301.9	774.9	867.9	743.9	619.9	34.0	85.00	5.78	5.0	4438	103.2
12	Madhya Pradesh	17.24	51.72	43.1	45.3	1810.1	1077.5	1206.8	1034.4	862.0	102.0	255.00	17.34	5.0	6370	222.8

1	Maharashtra	33	23.29	69.86	58.2	61.1	2445.0	1455.4	1630.0	1397.2	1164.3	66.0	165.00	11.22	5.0	8339	1047.8
1	Odisha	30	15.00	45.00	37.5	39.4	1575.0	937.5	1050.0	900.0	750.0	60.0	150.00	10.20	5.0	5438	0.0
1	Punjab	22	17.69	53.07	44.2	46.4	1857.6	1105.7	1238.4	1061.5	884.6	44.0	110.00	7.48	5.0	6314	547.0
1	Rajasthan	33	23.55	70.64	58.9	61.8	2472.2	1471.6	1648.2	1412.7	1177.3	66.0	165.00	11.22	5.0	8429	1055.5
1	Tamil Nadu	13	13.95	41.84	34.9	36.6	1464.3	871.6	976.2	836.7	697.3	26.0	65.00	4.42	5.0	4947	626.1
1	Telangana	32	5.00	15.00	12.5	13.1	525.0	312.5	350.0	300.0	250.0	64.0	160.00	10.88	5.0	1977	0.0
1	Uttar Pradesh	75	69.31	207.93	173.3	181.9	7277.6	4331.9	4851.7	4158.6	3465.5	150.0	375.00	25.50	5.0	24641	828.1
2	Uttarakhand	13	4.30	12.89	10.7	11.3	451.3	537.3	300.9	257.9	214.9	26.0	65.00	4.42	5.0	1863	675.0
2	West Bengal	20	20.99	62.97	52.5	55.1	2204.0	1311.9	1469.3	1259.4	1049.5	40.0	100.00	6.80	5.0	7446	1026.1
	Total	499	296.87	890.60	742.16	779.27	31170.87	19657.58	20780.58	17811.93	15009.94	998.00	2495.00	169.66	105.00	108199	10842.35

For NER States

(Rs. in Lakh)

S. No	States/UT's	No. of districts	Target no. of animals (lakh)	Total No. of A.I to be performed @ 3 A.I./ animal (lakh)*	Conception with 1st A.I (35%)	Conception 2nd A.I (30%)	Conception 3rd A.I (28%)	Incentives @ Rs. 200/- for achieving conception at first AI (all AIT's)	Incentives @ Rs. 100/- for achieving concept on at 2nd AI (all AIT's)	Hiring of 2 consolidated DEOs on basis @ Rs. 10000/-per month for 10 months per district/Data entry charges	Contingency grant @ Rs. 5 lakhs/- per district for publicity at village and district level (wall writing, Banners etc) monitoring of progress, storage, transportation of semen doses & AI consumables	Percentage testing for 10 calves/district @ Rs.3400/calf (for both dam & Calf samples @ Rs. 1700/ calf and Rs. 1700 for dam both)	Awareness programme at State level @ Rs.5 lakh	Total expenditure
1	Arunachal Pradesh	14	0.010	0.03	0.004	0.006	0.008	0.71	0.61	28.0	70.00	4.76	5.0	109
2	Assam	33	1.940	5.82	0.679	1.164	1.630	135.80	116.40	66.0	165.00	11.22	5.0	499
3	Manipur	9	0.065	0.20	0.023	0.039	0.055	4.55	3.90	18.0	45.00	3.06	5.0	80
4	Meghalaya	11	0.103	0.31	0.036	0.062	0.087	7.21	6.18	22.0	55.00	3.74	5.0	99
5	Mizoram	8	0.022	0.07	0.008	0.013	0.019	1.57	1.34	16.0	40.00	2.72	5.0	67
6	Nagaland	11	0.097	0.29	0.034	0.058	0.081	6.79	5.82	22.0	55.00	3.74	5.0	98
7	Sikkim	4	0.084	0.25	0.029	0.050	0.071	5.88	5.04	8.0	20.00	1.36	5.0	45
8	Tripura	8	0.660	1.98	0.231	0.396	0.554	46.20	39.60	16.0	40.00	2.72	5.0	150
	NER Total*	98	2.98	8.94	1.044	1.789	2.504	208.71	178.89	196.00	490.00	33.32	40.00	1147

(* For NER States, Fund has already been released under NER A.I. Program for certain components)

Annexure-IV: A.I FORMAT FOR INAPH UPLOADING

A.I FORMAT FOR INAPH UPLOADING	
Information Network for Animal Productivity and Health (INAPH) A.I. Format (Compulsory fields) << Name of the Organisation>>	
	Technician Name _____ User ID _____ Date: _____ Month _____ Year _____
I	Registration
a	Animal Details
1	* Tag Number
2	* Registration Date (DD/MM/YYYY)
3	* Sex Male Female
4	* Species Cattle Buffalo Yak Mithun Sheep Goat Pig
5	* Breed Name
6	* Age Years Months

7	* Number of Calvings	<input type="text"/>	
8	*Pregnancy Status	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Owner Details			
b			
1	* Village Name	<input type="text"/>	
2	* Hamlet Name	<input type="text"/>	<input type="text"/>
3	* Owner Name	<input type="text"/>	
4	* Owner Gender	<input type="checkbox"/> Male	<input type="checkbox"/> Female
A.I Transaction			
1	* Tag Number	<input type="text"/>	
2	* Date of A.I	<input type="text"/>	
3	* Bull ID	<input type="text"/>	
Pregnancy Diagnosis			
1	*Result of P.D	<input type="checkbox"/> Pregnant	<input type="checkbox"/> Non pregnant
Calving Transaction			
V	1 * Tag Number	<input type="text"/>	
	2 *Date of calving	<input type="text"/>	

3	* Calving type	<input type="checkbox"/>	Male	<input type="checkbox"/>	Female	<input type="checkbox"/>	Twins
4	* Ease of calving	<input type="checkbox"/>	Normal	<input type="checkbox"/>	Dystocia	Signature	

Fields Marked with * are Mandatory Suggestions for Printer

1. One format will be used for one animal.
2. Format should be printed in 2 copies. While capturing the data carbon paper will be used.
3. If the data is not uploaded by the A.I technician himself, main copy will be forwarded for data entry at centralised location (Taluka/district). Lower copy will be office copy at AI Center.
4. Different colours may be given to different copies.
5. Rice paper (thin paper) should be used, to enable impression up to last copy.