

F. No.23-292/07-AH
Government of India
Ministry of Agriculture
Department of Animal Husbandry, Dairying and Fisheries

Report on Notifiable Avian Influenza (H5 & H7) ending 27/01/08

I. Surveillance/Testing of samples by HSADL, Bhopal concerning Notifiable Avian Influenza (H5 & H7) from 07.01.08 to 27.01.08

Sl. No.	Item	Samples from within the country		Samples from imports		Total
		Serum	Morbid material	Serum	Products	
1.	Samples pending for testing at the beginning of the period	40	1067	0	0	1107
2.	Samples received during the period (* state wise detail at Annexure A)	3285	3193	234	47	6759
3.	Samples on which testing completed during the period (* state wise detail at Annexure B)	300	1303	234	30	1867
4.	Samples under test or pending for test [(1+2) - 3]	3025	2957	0	17	5999
5.	Positive results, if any, during the period (* state wise detail at Annexure C)	-	14 by virus isolation	-	-	14 by virus isolation

II. Avian Influenza (AI) status in the country

i) The Government of West Bengal, Directorate of Animal Resources & Animal Health department informed the Department of Animal Husbandry, Dairying & Fisheries, Government of India regarding unusual death of poultry birds in Birbhum and Dakshin Dinajpur Districts of the State of West Bengal on 11.01.2008. The samples collected from the affected sites in both the districts were forwarded to the High Security Animal Disease Laboratory (HSADL) Bhopal and also to the National Institute of Virology (NIV), Pune for testing. On the basis of confirmation of positive results for H5N1 strain of Avian Influenza in poultry, the Department notified the Government of West Bengal about the outbreak of Avian Influenza in the above Districts inter-alia indicating the series of strategic actions to be taken immediately, culling strategy, compensation policy etc. The international organizations like OIE were also notified simultaneously. On the basis of reports received from HSADL, Bhopal, DADF has further notified the spread of the disease to the following districts / blocks of West Bengal.

Sl. No.	District	Block
1.	Birbhum	Rampurhat I, Rampurhat II, Nalhati I, Nalhati II, Mayureswar-I, Nalhati Municipality, Muhammad Bazar, Nanur, Bolpur-Sriniketan, Mayureswar-II, Khoyrasole, Suri-I

2.	Dakshin Dinajpur	Balurghat
3.	Murshidabad	Khargram, Burwan, Nowda, Nabagram, Siti-I, Sagardighi, Beldanga-I, Kandi, Shamsirganj, Raghunathganj-II
4.	Nadia	Tehatta-II, Krishnanagar, Tehatta-I, Kaliaganj, Krishnanagar-I, Nakashipara, Haringhata, Kalyani Municipality
5.	Burdwan	Mongolkote, Purbastali-II, Ktugram, Jamuria, Galsi, Raniganj
6.	Bankura	Saltora, Mejia
7.	Malda	Chachal -I
8.	Coochbehar	Dinhatta-I, Mathabhanga-I
9.	Hooghly	Balagarh, Chanditala-2
10.	Howrah	Sankrail, Panchla
11.	Purulia	Santuri
12.	South 24 Parganas	Budge-Budge-II
13.	Paschim Medinipore	Debra

The culling of affected poultry is continuing and total of 916 Rapid Response Teams are engaged in the operation, which completed culling of a total of 21.68 lakh birds. A total mortality of 1,29,777 poultry birds has been reported from Birbhum, Dakshin Dinajpur, Murshidabad, Nadia, South 24 Parganas, Burdwan, Bankura, Hooghly, Malda, Coochbehar, Purulia, Howrah and North 24 Parganas districts of West Bengal. A control room has been opened in the Department of Animal Husbandry, Dairying & Fisheries, Government of India (Telephone : 011- 23384190) which is operated 24 hrs by officers of the Department for facilitating easy flow of information to the public.

ii) Under IEC Campaign, broadcast of radio spots from All India Radio Station of West Bengal on Audio Spots titled "Separate", "Hand Wash", "Report" and "Bury" in Bangla language has started on 19/01/2008 and will continue till 18/02/2008. These broadcasts also will take place in the 25 AIR Stations of North Eastern Region commencing from 25/01/2008.

iii) Telecast of TV spots on 11 national and regional TV channels including Aajtak, Star News, Doordarshan, Kolkatta, ETV Bangla Zee TV Bangla, Sahara Samay (Bihar), ETV (Bihar), NE TV (North Eastern TV) as per DAVP media plan commences from 25/01/2008 and will continue till 08/02/2008.

iv) Four insertions titled "Golden tips to protect your poultry", "Suraksha hai Samadhan", "Savdhani aapki suraksha parivar ki" and "Murge-murgion ke bachao ke liye sone se khare kuch upay" have been forwarded to DAVP for publication in leading, second and third leading news papers (Bangla, Hindi and English) of various districts of West Bengal on alternate days for two weeks.

v) Publicity materials (CDs, video spots etc in Bangla, Assamese & Bodo languages) have been forwarded to Directorate of field publicity, Ministry of Information and Broadcasting for distribution amongst their field publicity units in West Bengal.

vi) The following table contains the report of the mortality/morbidity during the period under report and the action taken. This information has been compiled on the basis of the weekly reports sent by the State Departments of Animal Husbandry to the Liaison Officers of the Department of Animal Husbandry, Dairying and Fisheries.

Summary of Report - (07.01.08 to 27.01.08)

S.No.	Name of State/ UT	Concerned Officer	Report	Action taken
<u>Eastern Region</u>				
1.	Bihar	Dr. M.K. Saha	No abnormal mortality detected	-
2.	Jharkhand	Dr. S. Nayak	No abnormal mortality detected	-
3.	Orissa	Dr. R. Bambal	No abnormal mortality detected	-
4.	West Bengal	Dr. M.K. Saha	Outbreak details are already given in the main report	-
<u>Northern Region</u>				
5.	Chandigarh	Dr. S. Nayak	No abnormal mortality detected	-
6.	Delhi	Shri A. Nandakumar	No abnormal mortality detected	-
7.	Haryana	Shri A. Nandakumar	No abnormal mortality detected	-
8.	Himachal Pd.	Shri A. Nandakumar	No abnormal mortality detected	-
9.	J & K	Dr. P. Dandapat	No abnormal mortality detected.	-
10.	Punjab	Dr. P. Dandapat	No abnormal mortality detected.	-
11.	Rajasthan	Dr. P. Dandapat	No abnormal mortality detected.	-
12.	Uttar Pradesh	Dr. P. Dandapat	No abnormal mortality detected.	-
13.	Uttranchal	Dr. P. Dandapat	No abnormal mortality detected.	-
<u>North Eastern Region</u>				
14.	Arunachal Pradesh	Dr. R. Bambal	No abnormal mortality detected	-
15.	Assam	Dr. S. Nayak	No abnormal mortality detected	-
16.	Manipur	Dr. S. Dutta	No abnormal mortality detected	-
17.	Meghalaya	Dr. S. Dutta	No abnormal mortality detected	-
18.	Mizoram	Dr. S. Dutta	No abnormal mortality detected	-
19.	Nagaland	Dr. S. Dutta	No abnormal mortality detected	-
20.	Sikkim	Dr. S. Dutta	No abnormal mortality detected	-
21.	Tripura	Dr. S. Nayak	No abnormal mortality detected	-

<u>Southern Region</u>					
22.	Andhra Pradesh	Shri Subramani	G.	No abnormal mortality detected.	-
23.	Andaman & Nicobar	Shri Subramani	G.	No abnormal mortality detected	-
24.	Karnataka	Shri Subramani	G.	No abnormal mortality detected	-
25.	Kerala	Shri Nandakumar	A.	No abnormal mortality detected	-
26.	Lakshadweep	Shri Subramani	G.	No abnormal mortality detected	-
27.	Pondicherry	Dr. R.Bambal		No abnormal mortality detected	-
28.	Tamil Nadu	Dr. R.Bambal		No abnormal mortality detected.	-
<u>Western Region</u>					
29.	Chattisgarh	Dr. M.K. Saha		No abnormal mortality detected	-
30.	Dadra Nagar Haveli	Dr. M.K. Saha		No abnormal mortality detected	-
31.	Daman & Diu	Dr. P.K. Shukla		No abnormal mortality detected	-
32.	Goa	Dr. P.K. Shukla		No abnormal mortality detected	-
33.	Gujarat	Dr. P.K. Shukla		No abnormal mortality detected	-
34.	Madhya Pr.	Dr. P.K. Shukla		No abnormal mortality detected	-
35.	Maharashtra	Dr. P.K. Shukla		No abnormal mortality detected	-

Report on notifiable avian influenza (H5 & H7)
(07-01-2008 to 27-01-2008)

State wise details of samples received:

Sl. No.	State	Serum	Tissue
1	Jharkhand	167	142
2	Orissa	80	141
3	West Bengal	278	431
4	Mizoram	1	0
5	Arunachal Pradesh	1	0
6	Assam	3	281
7	Chandigarh	3	0
8	Delhi	0	45*
9	Haryana	135	54
10	Himachal Pradesh	105	43
11	Jammu & Kashmir	38	0
12	Punjab	36	390
13	Rajasthan	0	579
14	Uttar Pradesh	0	129
15	Andaman & Nicobar	50	0
16	Andhra Pradesh	422	0
17	Karnataka	383+234*	2
18	Kerala	35	10
19	Tamil Nadu	767	36+2*
20	Pondicherry	22	0
21	Gujarat	92	312
22	Madhya Pradesh	300	265
23	Maharashtra	367	378
	Total	3519	3240
	Grand Total	6759	

* Imported GP Stock

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State wise details of samples tested:

Sl. No.	State	Serum	Tissue
1.	Delhi	0	10+30*
2.	Karnataka	234*	
3.	Gujarat	0	68
4.	Punjab	0	145
5.	Haryana	0	2
6.	Madhya Pradesh	300	265
7.	West Bengal	0	443
8.	Orissa	0	139
9.	Kerala	0	6
10.	Jarkhand	0	57
11.	Assam	0	168
	Total	534	1333
	GRAND TOTAL		1867

* Imported GP Stock

ANNEXURE – C

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State wise details of positive results on the basis of recommended diagnostic techniques:

Sl. No.	State	Serum	Tissue
1.	West Bengal	NIL	Confirmed HPAI (H5N1) in poultry on 15/01/08 initially in two districts of West Bengal viz. Birbhum and South Dinazpur tested positive on Rapid Test and Isolation basis followed by Murshidabad (17/1/08) Nadia(18/1/08) Bardhman (18/1/08) Bankura (19/1/08) Malda (20/1/08) Coochbehar (22/1/08) Hoogly(22/1/08) Howrah (24/1/08) Purlia (24/1/08) South 24 Parganas (26/1/08) Madinipur (26/1/08) on rapid test basis. Virus isolation = 14