

## Follow-up report No.: 12

Report reference: , OIE Ref: 8139, Report Date: 27/05/2009, Country: India

### Report Summary

<b>Disease</b>	Highly pathogenic avian influenza	<b>Animal type</b>	Terrestrial
<b>Causal Agent</b>	Highly pathogenic avian influenza virus	<b>Serotype(s)</b>	H5N1
<b>Clinical Signs</b>	Yes	<b>Reason</b>	Reoccurrence of a listed disease
<b>Date of first confirmation of the event</b>	27/11/2008	<b>Date of Start of Event</b>	21/11/2008
<b>Date of report</b>	27/05/2009	<b>Date Submitted To OIE</b>	28/05/2009
<b>Diagnosis</b>	Laboratory (basic), Laboratory (advanced)	<b>Date Of Last Occurrence</b>	11/2008
<b>Number Of Reported Outbreaks</b>	Submitted= 28, Draft= 0	<b>Name of Sender of the report</b>	Mr Natarajan Gokulram
<b>Address</b>	Dr Rajendra Prasad Road	<b>Position</b>	Secretary to the Government of India
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	New Delhi 110001	<b>Entered by</b>	Mr Natarajan Gokulram
	New Delhi 110001		
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### Outbreak (other report - submitted)

State	District	Village/Block	Unit Type	Location	Latitude	Longitude	Start date	End Date
ASSAM	Kamrup	Rajabazar	Village	Hajo	26,2	91,15	21/11/2008	
<b>Species</b>	<b>Measuring units</b>	<b>Susceptible</b>	<b>Cases</b>	<b>Deaths</b>	<b>Destroyed</b>	<b>Slaughtered</b>		
Birds	Animals	52085	324	324	51761	0		
<b>Affected Population</b>		backyard poultry mainly in a small village						

### Outbreak (other report - submitted)

State	District	Village/Block	Unit Type	Location	Latitude	Longitude	Start date	End Date
ASSAM	Kamrup	Rani	Village	Patgaon	26,2	91,15	28/11/2008	
<b>Species</b>	<b>Measuring units</b>	<b>Susceptible</b>	<b>Cases</b>	<b>Deaths</b>	<b>Destroyed</b>	<b>Slaughtered</b>		
Birds	Animals	18974	682	682	18292	0		
<b>Affected Population</b>		backyard poultry mainly in a small village.						

### Outbreak (other report - submitted)

State	District	Village/Block	Unit Type	Location	Latitude	Longitude	Start date	End Date
ASSAM	Nalbari	Pachim Nalbari	Village	Katla	26	91	30/11/2008	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	16039	75	75	15964	0		
<b>Affected Population</b>		backyard poultry mainly in a small village.						

#### Outbreak (other report - submitted)

State	District	Village/Block	Unit Type	Location	Latitude	Longitude	Start date	End Date
ASSAM	Barpeta	Gobardhana	Village	Katajhar	26,5	90,39	30/11/2008	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	45708	18	18	45690	0		
<b>Affected Population</b>		backyard poultry mainly in a small village.						

#### Outbreak (other report - submitted)

State	District	Village/Block	Unit Type	Location	Latitude	Longitude	Start date	End Date
ASSAM	Kamrup	Rampur	Village	Sarpara	26,2	91,15	30/11/2008	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	183614	30	30	183584	0		
<b>Affected Population</b>		backyard poultry mainly in a small village.						

#### Outbreak (other report - submitted)

State	District	Village/Block	Unit Type	Location	Latitude	Longitude	Start date	End Date
ASSAM	Kamrup	Guwahati	Farm	Khanapara	26,2	91,15	05/12/2008	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	37769	112	112	37657	0		
<b>Affected Population</b>		a chick rearing farm						

#### Outbreak (other report - submitted)

State	District	Village/Block	Unit Type	Location	Latitude	Longitude	Start date	End Date
ASSAM	Chirang	Sidli Chirang	Village	Nilibari	26,35	90,38	05/12/2008	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	9141	399	399	8742	0		
<b>Affected Population</b>		backyard poultry mainly in a small village.						

#### Outbreak (other report - submitted)

State	District	Village/Block	Unit Type	Location	Latitude	Longitude	Start date	End Date
ASSAM	Kamrup	Bezera	Village	Jalah	26,2	91,15	06/12/2008	

Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	Animals	23173	500	500	22673	0
<b>Affected Population</b>		backyard poultry mainly in a small village.				

#### Outbreak (other report - submitted)

State	District	Village/Block	Unit Type	Location	Latitude	Longitude	Start date	End Date
ASSAM	Dibrugarh	Dibrugarh	Village	Ward No. 6, East Revenue Circle	27,28	95,54	07/12/2008	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	15628	120	120	15508	0		
<b>Affected Population</b>		backyard poultry mainly in a small village.						

#### Outbreak (other report - submitted)

State	District	Village/Block	Unit Type	Location	Latitude	Longitude	Start date	End Date
WEST BENGAL	Malda	Englishbazar	Village	Englishbazar	25	88,08	13/12/2008	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	28706	17	11	28695	0		
<b>Affected Population</b>		rural backyard poultry						

#### Outbreak (other report - submitted)

State	District	Village/Block	Unit Type	Location	Latitude	Longitude	Start date	End Date
ASSAM	Barpeta	Bojali	Village	Sariha Sakla	26,19	91	15/12/2008	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	3455	70	70	3385	0		
<b>Affected Population</b>		rural backyard poultry						

#### Outbreak (other report - submitted)

State	District	Village/Block	Unit Type	Location	Latitude	Longitude	Start date	End Date
ASSAM	Bongaigaon	Boitamari	Village	Kheluwapara Pt-II	26,28	90,33	15/12/2008	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	26838	48	48	26790	0		
<b>Affected Population</b>		rural backyard poultry						

#### Outbreak (other report - submitted)

State	District	Village/Block	Unit Type	Location	Latitude	Longitude	Start date	End Date
ASSAM	Kamrup(Metro)	Guwahati	Village	Kharghuli Jaipur, Ward No.37	26,2	91,15	15/12/2008	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	1704	20	20	1684	0		

Affected Population

### Outbreak (other report - submitted)

State	District	Village/Block	Unit Type	Location	Latitude	Longitude	Start date	End Date
ASSAM	Kamrup	Monakuchi	Village	Hajo	26,2	91,15	17/12/2008	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	12924	75	75	12849	0		
Affected Population		rural backyard poultry						

### Outbreak (other report - submitted)

State	District	Village/Block	Unit Type	Location	Latitude	Longitude	Start date	End Date
ASSAM	Kamrup	Rangamati, Urpat Moniari Tiniali	Village	Chayani Borduar	26,2	91,15	17/12/2008	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	35108	137	137	34971	0		
Affected Population		rural backyard poultry						

### Outbreak (other report - submitted)

State	District	Village/Block	Unit Type	Location	Latitude	Longitude	Start date	End Date
ASSAM	Nagaon	Chalchali Gaonburah Chowk	Village	Barhampur	26,21	92,41	18/12/2008	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	17602	22	22	17580	0		
Affected Population		rural backyard poultry						

### Outbreak (other report - submitted)

State	District	Village/Block	Unit Type	Location	Latitude	Longitude	Start date	End Date
ASSAM	Baksa	Bardulipara	Village	Tihu Barama	26,23	90,58	19/12/2008	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	8461	45	45	8416	0		
Affected Population		rural backyard poultry						

### Outbreak (other report - submitted)

State	District	Village/Block	Unit Type	Location	Latitude	Longitude	Start date	End Date
ASSAM	Bongaigaon	Dolaigaon Uzanpara	Village	Dhaligaon	26,28	90,33	19/12/2008	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	3968	20	20	3948	0		
Affected Population		rural backyard poultry						

**Outbreak (other report - submitted)**

State	District	Village/Block	Unit Type	Location	Latitude	Longitude	Start date	End Date
WEST BENGAL	Darjeeling	Binay Krishnapally	Village	Matigara	26,43	88,23	01/01/2009	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	30985	217	87	30898	0		
Affected Population		rural backyard poultry						

**Outbreak (other report - submitted)**

State	District	Village/Block	Unit Type	Location	Latitude	Longitude	Start date	End Date
WEST BENGAL	Darjeeling	Bansdhura	Village	Rangli Rangliot	26,5	88,12	02/01/2009	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	10571	210	130	10441	0		
Affected Population		rural backyard poultry						

**Outbreak (other report - submitted)**

State	District	Village/Block	Unit Type	Location	Latitude	Longitude	Start date	End Date
SIKKIM	South Sikkim	Ravongla Municipality	Village	Hospital Road	27,18	88,21	16/01/2009	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	4137	9	8	4129	...		
Affected Population								

**Outbreak (other report - submitted)**

State	District	Village/Block	Unit Type	Location	Latitude	Longitude	Start date	End Date
WEST BENGAL	Coochbehar	Uttar Dangkoba	Village	Mathabhanga-I	26,2	89,13	29/01/2009	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	13919	60	60	13859	...		
Affected Population		rural backyard poultry						

**Outbreak (other report - submitted)**

State	District	Village/Block	Unit Type	Location	Latitude	Longitude	Start date	End Date
WEST BENGAL	Coochbehar	Nagar Bhagni	Village	Dinhata-I	26,07	89,28	29/01/2009	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	10108	50	50	10058	...		
Affected Population		rural backyard poultry						

**Outbreak (other report - submitted)**

State	District	Village/Block	Unit Type	Location	Latitude	Longitude	Start date	End Date
WEST BENGAL	Darjeeling	Punding Forest Busty	Village	Kurseong	26,53	88,16	13/02/2009	

Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	Animals	1677	97	97	1580	...
Affected Population		Rural backyard poultry.				

#### Outbreak (other report - submitted)

State	District	Village/Block	Unit Type	Location	Latitude	Longitude	Start date	End Date
WEST BENGAL	Dakshin Dinajpur	Baramahar	Village	Harirampur	25,12	88,46	14/02/2009	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	39617	35	35	39582	...		
Affected Population		Rural backyard poultry						

#### Outbreak (other report - submitted)

State	District	Village/Block	Unit Type	Location	Latitude	Longitude	Start date	End Date
WEST BENGAL	Darjeeling	Bara Chenga	Village	Mirik	26,53	88,1	08/03/2009	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	20341	4	4	20337	...		
Affected Population		Rural backyard poultry						

#### Outbreak (other report - submitted)

State	District	Village/Block	Unit Type	Location	Latitude	Longitude	Start date	End Date
WEST BENGAL	Uttar Dinajpur	Daspara	Village	Chopra	25,27	88,1	17/03/2009	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	363	363	363	0	...		
Affected Population		Rural backyard poultry						

#### Outbreak (this report - submitted)

State	District	Village/Block	Unit Type	Location	Latitude	Longitude	Start date	End Date
WEST BENGAL	Uttar Dinajpur	Kantor	Village	Hemtabad	25,4	88,13	20/05/2009	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered		
Birds	Animals	...	20	20	...	...		
Affected Population		rural backyard poultry						

#### Outbreak summary: Total outbreaks = 28 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	672615	3779	3562	669073	0

#### Epidemiology

##### Epidemiological comments

Epidemiological investigation is ongoing. Stamping out of all domestic poultry is being applied in an approximately 3-km-radius zone around the outbreaks followed by compensation of the owners.

An intensive surveillance campaign has been launched in a 10-km-radius zone including:

- closure of poultry markets and prohibition on sale and transportation of poultry products in the infected zone;
- disinfection of premises after culling and sealing of premises where appropriate.

Restocking will be permitted in accordance with protocol followed in this regard.

**Source of the outbreak(s) or origin of infection** • Unknown or inconclusive

## Control Measures

<b>Applied</b>	<ul style="list-style-type: none"> <li>• Stamping out</li> <li>• Quarantine</li> <li>• Movement control inside the country</li> <li>• Screening</li> </ul>	<b>To be applied</b>	<ul style="list-style-type: none"> <li>• Disinfection of infected premises/establishment(s)</li> <li>• Dipping / Spraying</li> </ul>
		<b>Vaccination Prohibited</b>	No
<b>Animals treated</b>	No		

## Country / Zone

**Country or zone** a zone or compartment

## Diagnostic test results

Laboratory Type	Name of Laboratory	Species	Test Type	Date Results Provided	Result
National laboratory	National Institute of Virology, Pune	Birds	reverse transcription - polymerase chain reaction (RT-PCR)	25/05/2009	Positive
National laboratory	National Institute of Virology, Pune	Birds	real-time PCR	25/05/2009	Positive
National laboratory	High Security Animal Disease Laboratory, Bhopal	Birds	reverse transcription - polymerase chain reaction (RT-PCR)	25/05/2009	Positive
National laboratory	High Security Animal Disease Laboratory, Bhopal	Birds	real-time PCR	25/05/2009	Positive

## Future Reporting

**What further reports will be submitted in relation to this event?**

There are 28 outbreaks that are still recorded as unresolved. It is not possible to declare this event resolved until these individual outbreaks are resolved.

The event is continuing. Weekly follow-up reports will be submitted.

## Outbreak map

