## Report Summary

**Disease**
Highly pathogenic avian influenza

**Animal type**
Terrestrial

**Causal Agent**
Highly pathogenic avian influenza virus

**Serotype(s)**
H5N1

**Clinical Signs**
Yes

**Reason**
First occurrence of a listed disease

**Date of first confirmation of the event**
10/01/2012

**Date of report**
28/01/2012

**Date of Start of Event**
03/01/2012

**Date Submitted To OIE**
28/01/2012

**Diagnosis**
Clinical, Laboratory (basic), Laboratory (advanced)

**Number Of Reported Outbreaks**
Submitted= 4, Draft= 0

**Name of Sender of the report**
Mr Rudhra Gangadharan

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**Position**
Secretary to the Government of India

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**Entered by**
Mr Rudhra Gangadharan

## Outbreak (other report - submitted)

**State**
ORISSA

**District**
Khordha

**Village/Block**
Khordha

**Unit Type**
Village

**Location**
Keranga

**Latitude**
20.11

**Longitude**
85.37

**Start date**
03/01/2012

**Species**
Birds

**Measuring units**
Animals

**Susceptible**
30589

**Cases**
3

**Deaths**
3

**Destroyed**
31912

**Slaughtered**
-

**Affected Population**
Rural backyard poultry

## Outbreak (other report - submitted)

**State**
MEGHALAYA

**District**
East Garo Hills

**Village/Block**
William Nagar

**Unit Type**
Farm

**Location**
William Nagar

**Latitude**
25.31

**Longitude**
90.13

**Start date**
04/01/2012

**Species**
Birds

**Measuring units**
Animals

**Susceptible**
20194

**Cases**
2732

**Deaths**
2732

**Destroyed**
4666

**Slaughtered**
-

**Affected Population**
A State government-run poultry farm

## Outbreak (other report - submitted)

**State**
ORISSA

**District**
Mayurbhanj

**Village/Block**
Betnoti

**Unit Type**
Village

**Location**
Bahanada

**Latitude**
21.55

**Longitude**
86.44

**Start date**
06/01/2012

**Species**
Birds

**Measuring units**
Animals

**Susceptible**
4923

**Cases**
19

**Deaths**
19

**Destroyed**
-

**Slaughtered**
-
Affected Population: Rural backyard poultry.

### Outbreak (this report - submitted)

<table>
<thead>
<tr>
<th>State</th>
<th>District</th>
<th>Village/Block</th>
<th>Unit Type</th>
<th>Location</th>
<th>Latitude</th>
<th>Longitude</th>
<th>Start date</th>
<th>End Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>TRIPURA</td>
<td>West Tripura</td>
<td>Lembucherra</td>
<td>Farm</td>
<td>Mohanpur</td>
<td>23.58</td>
<td>91.21</td>
<td>16/01/2012</td>
<td></td>
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</tbody>
</table>

#### Species

<table>
<thead>
<tr>
<th>Measuring units</th>
<th>Susceptible</th>
<th>Cases</th>
<th>Deaths</th>
<th>Destroyed</th>
<th>Slaughtered</th>
</tr>
</thead>
<tbody>
<tr>
<td>Birds</td>
<td>12385</td>
<td>4229</td>
<td>4229</td>
<td>...</td>
<td>...</td>
</tr>
</tbody>
</table>

Affected Population: ICAR (Indian Council of Agricultural Research) research complex poultry farm

### Outbreak summary: Total outbreaks = 4 (Submitted)

<table>
<thead>
<tr>
<th>Species</th>
<th>Susceptible</th>
<th>Cases</th>
<th>Deaths</th>
<th>Destroyed</th>
<th>Slaughtered</th>
</tr>
</thead>
<tbody>
<tr>
<td>Birds</td>
<td>73091</td>
<td>6983</td>
<td>6983</td>
<td>36578</td>
<td></td>
</tr>
</tbody>
</table>

#### 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 outbreak followed by compensation to 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 applied in accordance with a specified protocol.

**Source of the outbreak(s) or origin of infection**

- Unknown or inconclusive

#### Control Measures

**Applied**

- Stamping out
- Quarantine
- Movement control inside the country
- Screening

**To be applied**

- Disinfection of infected premises/establishment(s)
- Dipping / Spraying

**Vaccination Prohibited**

- No

#### Country / Zone

**Country or zone**

- a zone or compartment

### Diagnostic test results

<table>
<thead>
<tr>
<th>Laboratory Type</th>
<th>Name of Laboratory</th>
<th>Species</th>
<th>Test Type</th>
<th>Date Results Provided</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>National laboratory</td>
<td>High Security Animal Disease Laboratory, Bhopal</td>
<td>Birds</td>
<td>virus isolation</td>
<td>24/01/2012</td>
<td>Positive</td>
</tr>
<tr>
<td>National laboratory</td>
<td>High Security Animal Disease Laboratory, Bhopal</td>
<td>Birds</td>
<td>reverse transcription - polymerase chain reaction (RT-PCR)</td>
<td>24/01/2012</td>
<td>Positive</td>
</tr>
<tr>
<td>National laboratory</td>
<td>High Security Animal Disease Laboratory, Bhopal</td>
<td>Birds</td>
<td>real-time PCR</td>
<td>24/01/2012</td>
<td>Positive</td>
</tr>
</tbody>
</table>
Future Reporting

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

There are 4 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.