## Report Summary

<table>
<thead>
<tr>
<th>Disease</th>
<th>Highly pathogenic avian influenza</th>
</tr>
</thead>
<tbody>
<tr>
<td>Animal type</td>
<td>Terrestrial</td>
</tr>
<tr>
<td>Causal Agent</td>
<td>Highly pathogenic avian influenza virus</td>
</tr>
<tr>
<td>Serotype(s)</td>
<td>H5N1</td>
</tr>
<tr>
<td>Clinical Signs</td>
<td>Yes</td>
</tr>
<tr>
<td>Reason</td>
<td>First occurrence of a listed disease</td>
</tr>
<tr>
<td>Date of first confirmation of the event</td>
<td>10/01/2012</td>
</tr>
<tr>
<td>Date of Start of Event</td>
<td>03/01/2012</td>
</tr>
<tr>
<td>Date of report</td>
<td>04/02/2012</td>
</tr>
<tr>
<td>Date Submitted To OIE</td>
<td>04/02/2012</td>
</tr>
<tr>
<td>Diagnosis</td>
<td>Clinical, Laboratory (basic), Laboratory (advanced)</td>
</tr>
<tr>
<td>Number Of Reported Outbreaks</td>
<td>Submitted= 5, Draft= 0</td>
</tr>
<tr>
<td>Name of Sender of the report</td>
<td>Mr Rudhra Gangadharan</td>
</tr>
<tr>
<td>Address</td>
<td>Department of Animal Husbandry, Dairying and Fisheries Dr Rajendra Prasad Road Room No 231, Krishi Bhawan, New Delhi 110001</td>
</tr>
<tr>
<td>Position</td>
<td>Secretary to the Government of India</td>
</tr>
<tr>
<td>Telephone</td>
<td>(91-11) 23 38 26 08</td>
</tr>
<tr>
<td>Email</td>
<td><a href="mailto:secyahd@nic.in">secyahd@nic.in</a></td>
</tr>
<tr>
<td>Entered by</td>
<td>Mr Rudhra Gangadharan</td>
</tr>
</tbody>
</table>

### Outbreak (other report - submitted)

#### ORISSA
- **District**: Khordha
- **Village/Block**: Keranga
- **Unit Type**: Village
- **Location**: Keranga
- **Latitude**: 20.11
- **Longitude**: 85.37
- **Start date**: 03/01/2012
- **End Date**: 03/01/2012
- **Species**: Birds
- **Measuring units**: Animals
- **Susceptible**: 31912
- **Cases**: 3
- **Deaths**: 3
- **Destroyed**: -
- **Slaughtered**: -
- **Affected Population**: Rural backyard poultry

#### 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
- **End Date**: 04/01/2012
- **Species**: Birds
- **Measuring units**: Animals
- **Susceptible**: 6538
- **Cases**: 2732
- **Deaths**: 2732
- **Destroyed**: -
- **Slaughtered**: -
- **Affected Population**: A State government-run poultry farm

#### ORISSA
- **District**: Mayurbhanj
- **Village/Block**: Bahanada
- **Unit Type**: Village
- **Location**: Bahanada
- **Latitude**: 21.55
- **Longitude**: 86.44
- **Start date**: 06/01/2012
- **End Date**: 06/01/2012
- **Species**: Birds
- **Measuring units**: Animals
- **Susceptible**: 11216
- **Cases**: 11216
- **Deaths**: 0
- **Destroyed**: -
- **Slaughtered**: -
### Affected Population
- Rural backyard poultry.

### Outbreak (other 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>
</tr>
</tbody>
</table>

**Species**  
- Birds

<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>Animals</td>
<td>12385</td>
<td>4229</td>
<td>4229</td>
<td>6204</td>
<td></td>
</tr>
</tbody>
</table>

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

### 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>ORISSA</td>
<td>Khordha</td>
<td>Nayapalli</td>
<td>Farm</td>
<td>Nayapalli (Ward No. 10) of Bhubaneswar Municipality</td>
<td>20.28</td>
<td>85.79</td>
<td>01/02/2012</td>
<td></td>
</tr>
</tbody>
</table>

**Species**  
- Birds

<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>Animals</td>
<td>34857</td>
<td>5015</td>
<td>5015</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Affected Population
- A government poultry farm

### Outbreak summary: Total outbreaks = 5 (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>114260</td>
<td>11998</td>
<td>11998</td>
<td>55870</td>
<td>0</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
### 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>reverse transcription - polymerase chain reaction (RT-PCR)</td>
<td>02/02/2012</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>02/02/2012</td>
<td>Positive</td>
</tr>
</tbody>
</table>

### Future Reporting

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

There are 5 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.