Immediate notification report

Report Summary

Disease: Highly pathogenic avian influenza
Animal type: Terrestrial
Causal Agent: Highly pathogenic avian influenza virus
Serotype(s): H5N1
Clinical Signs: Yes
Reason: Reoccurrence of a listed disease
Date of first confirmation of the event: 07/09/2011
Date of Start of Event: 29/08/2011
Date of report: 08/09/2011
Date Submitted To OIE: 08/09/2011
Diagnosis: Laboratory (basic), Laboratory (advanced)
Date Of Last Occurrence: 04/07/2011
Number Of Reported Outbreaks: Submitted= 1, Draft= 0
Name of Sender of the report: Mr Rudhra Gangadharan
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Dr Rajendra Prasad Road
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Telephone: (91-11) 23 38 26 08
Email: secyahd@nic.in
Entered by: Mme Margarita Alonso

Outbreak (this report - submitted)

State: ASSAM
District: Dhuburi
Village/Block: Agomoni
Unit Type: Village
Location: Bhamondanga Pt-1
Latitude: 26.25364
Longitude: 89.77611
Start date: 29/08/2011
End Date: 29/08/2011

Species: Birds
Measuring units: Animals
Susceptible: 34313
Cases: 1436
Deaths: 1436
Destroyed: ...
Slaughtered: ...

Affected Population: Rural backyard poultry.

Outbreak summary: Total outbreaks = 1 (Submitted)

Species: Birds
Susceptible: 34313
Cases: 1436
Deaths: 1436
Destroyed: ...
Slaughtered: ...

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

<table>
<thead>
<tr>
<th>Applied</th>
<th>To be applied</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Stamping out</td>
<td>• Disinfection of infected premises/establishment(s)</td>
</tr>
<tr>
<td>• Quarantine</td>
<td>• Dipping / Spraying</td>
</tr>
<tr>
<td>• Movement control inside the country</td>
<td></td>
</tr>
<tr>
<td>• Screening</td>
<td></td>
</tr>
</tbody>
</table>

Animals treated
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>07/09/2011</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>07/09/2011</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>07/09/2011</td>
<td>Positive</td>
</tr>
<tr>
<td>National laboratory</td>
<td>High Security Animal Disease Laboratory, Bhopal</td>
<td>Birds</td>
<td>neuraminidase inhibition assay</td>
<td>07/09/2011</td>
<td>Positive</td>
</tr>
</tbody>
</table>

Future Reporting

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

There are 1 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.