Immediate notification report
Report reference: BHT_HPAI_2015_01 REF OIE 17533, Report Date: 16/04/2015, Country : Bhutan

Report Summary
Name of sender of the report | Dr Tashi Samdup
---|---
Position | Director
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Address | P.O. Box 113, Thimphu, Thimphu
Date submitted to OIE | 16/04/2015

Animal type | Terrestrial
---|---
Disease | Highly pathogenic avian influenza
Causal Agent | Highly pathogenic avian influenza virus
Serotype(s) | H5N1
Reason | Reoccurrence of a listed disease
Country or zone | a zone or compartment
Number of reported outbreaks | submitted= 1, Draft= 0

Outbreak details
<table>
<thead>
<tr>
<th>District</th>
<th>THIMPHU - (this report - submitted)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of outbreaks</td>
<td>-</td>
</tr>
<tr>
<td>Sub-district</td>
<td>Thimphu Thromde</td>
</tr>
<tr>
<td>Village</td>
<td>Backyard</td>
</tr>
<tr>
<td>Unit Type</td>
<td>Motithang City Camp</td>
</tr>
<tr>
<td>Location</td>
<td>27.4943, 89.6421</td>
</tr>
<tr>
<td>Start Date</td>
<td>03/04/2015</td>
</tr>
<tr>
<td>End Date:</td>
<td></td>
</tr>
</tbody>
</table>

Species | Measuring units | Susceptible | Cases | Deaths | Destroyed | Slaughtered |
---|---|---|---|---|---|---|
Birds | Animals | 37 | 16 | 16 | 21 | 0 |

Affected Population

Outbreak summary: Total outbreaks = 1 (Submitted)

Species | Susceptible | Cases | Deaths | Destroyed | Slaughtered |
---|---|---|---|---|---|
Birds | 37 | 16 | 16 | 21 | 0 |

Epidemiology
Epidemiological comments
The outbreak has occurred in a backyard, free-ranging poultry population. While interviewing the owners of the birds, none of the mentioned source of infection could be ascertained. Further investigation on the source of infection will be followed-up. A host-pathogen interaction particularly in this case would be potential research topic. Only a small number of birds in an isolated pocket was affected. No further infection in flocks in close proximity was detected.

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

Measures applied
Applied | To be applied
---|---
• stamping out | • no planned control measures
• quarantine | |
• movement control inside the country | |
• screening | |
• zoning | |
• disinfection of infected premises/establishment(s) | |
• dipping / spraying | |

Animals treated
Vaccination Prohibited
No

Diagnostic test results

| Laboratory Type | Name of Laboratory | Species | Test Type | Date Results Provided | Result |
---|---|---|---|---|---|
OIE’s Reference Laboratory | National Institute of High Security Animal Diseases (NIHSAD), Bhopal, India | Birds | real-time PCR | 14/04/2015 | Positive |
National laboratory | National Centre for Animal Health, Seribithang, Thimphu | Birds | real-time PCR | 06/04/2015 | Positive |
Future Reporting

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