Follow-up report No.2


Report Summary

Name of sender of the report: Dr Bimal Kumar Nirmal
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Date submitted to OIE: 02/09/2019

Animal type: Terrestrial
Date of report: 02/09/2019
Disease: Highly pathogenic avian influenza
Date of start of the event: 11/06/2019
Causal Agent: Highly pathogenic avian influenza virus
Date of confirmation of the event: 21/06/2019
Serotype(s): H5N1
Date of last occurrence: 09/2019
Reason: Recurrence of a listed disease
Diagnosis: Clinical, Laboratory (basic), Laboratory (advanced), Necropsy

Country or zone: the whole country
Clinical signs: Yes

Number of reported outbreaks: submitted = 3, Draft = 0

Outbreak details

### Outbreak summary: Total outbreaks = 3 (Submitted)

<table>
<thead>
<tr>
<th>Species</th>
<th>Measuring units</th>
<th>Susceptible</th>
<th>Cases</th>
<th>Deaths</th>
<th>Killed and disposed of</th>
<th>Slaughtered</th>
</tr>
</thead>
<tbody>
<tr>
<td>Birds</td>
<td>Animals</td>
<td>6813</td>
<td>1949</td>
<td>1949</td>
<td>4864</td>
<td>0</td>
</tr>
</tbody>
</table>

Epidemiology

Epidemiological comments

Rapid Response Team has been mobilized in the infected area. A total of 64 turkeys, 55 ducks, 85 backyard laying hens, 18 quails, 400 kg poultry feed and 1,500 kg feed ingredients have been destroyed and disposed of by the team. Stamping out, cleaning and disinfection are completed. Post-operative surveillance outside the containment zone is ongoing.

Source of the outbreak(s) or origin of infection

- Unknown or inconclusive

Measures applied

Applied: To be applied

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To be applied

- movement control inside the country
- surveillance outside containment and/or protection zone
- traceability
- quarantine
- official disposal of carcasses, by-products and waste
- stamping out
- disinfection

Animals treated

<table>
<thead>
<tr>
<th>Vaccination Prohibited</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
</tr>
<tr>
<td>Yes</td>
</tr>
</tbody>
</table>

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>Central Veterinary Laboratory, Tripureshwor</td>
<td>Birds</td>
<td>real-time PCR</td>
<td>30/08/2019</td>
<td>Positive</td>
</tr>
<tr>
<td>National laboratory</td>
<td>Central Veterinary Laboratory, Tripureshwor</td>
<td>Birds</td>
<td>rapid tests</td>
<td>30/08/2019</td>
<td>Positive</td>
</tr>
</tbody>
</table>

Future Reporting

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