### Immediate notification report

**Report reference:** REF OIE 26656, **Report Date:** 18/05/2018, **Country:** Nepal

#### Report Summary

- **Name of sender of the report:** Dr Bimal Kumar Nirmal
- **Telephone:** +977 5522056
- **Position:** Doctor
- **Fax:** +977 1 55 42 915
- **Address:** Hariharbawan, Lalitpur NEPAL
- **Email:** bknirmal2001@yahoo.com

- **Date submitted to OIE:** 18/05/2018

#### Animal type
- **Type:** Terrestrial

#### Disease
- **Name:** Highly pathogenic avian influenza

#### Causal Agent
- **Name:** Highly pathogenic avian influenza virus

#### Serotype(s)
- **Name:** H5N1

#### Country or zone
- **Type:** the whole country

#### Reason
- **Type:** Recurrence of a listed disease

#### Date submitted to OIE
- **Value:** 18/05/2018

#### Date of report
- **Value:** 18/05/2018

#### Date of start of the event
- **Value:** 03/05/2018

#### Date of confirmation of the event
- **Value:** 15/05/2018

#### Date of last occurrence
- **Value:** 10/03/2017

#### Disease
- **Name:** Highly pathogenic avian influenza

#### Date of confirmation of the event
- **Value:** 15/05/2018

#### Date of last occurrence
- **Value:** 10/03/2017

#### Reason
- **Type:** Recurrence of a listed disease

#### Diagnosis
- **Clinical signs:** Yes

#### Number of outbreaks
- **Submitted:** 1
- **Draft:** 0

#### Species
- **Name:** Birds

#### Measuring units
- **Susceptible Cases:** 1500
- **Deaths:** 1500
- **Killed and disposed of:** 1500
- **Slaughtered:** 0

### Outbreak details

<table>
<thead>
<tr>
<th>a zone or compartment</th>
<th>Number of outbreaks</th>
<th>District</th>
<th>Village</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>Narayani - (this report - submitted)</td>
<td>1</td>
<td>Chitwon</td>
<td>Khairehani</td>
<td>Farm</td>
<td>Khairehani-9</td>
<td>27.60725</td>
<td>84.58228</td>
<td>03/05/2018</td>
<td>15/05/2018</td>
</tr>
</tbody>
</table>

#### Outbreak summary: Total outbreaks = 1 (Submitted)

<table>
<thead>
<tr>
<th>Species</th>
<th>Measuring units</th>
<th>Susceptible 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>1500</td>
<td>1500</td>
<td>1500</td>
<td>0</td>
</tr>
</tbody>
</table>

#### Epidemiology

**Epidemiological comments**

Commercial layers of 72 weeks, reared by the farmer, started exhibiting symptoms of cyanotic comb, mucus discharge from nostril, swollen head, and sudden death. Loss of egg production and feed consumption were observed. Free ranged local domestic ducks nearby the infected farm started to die 2 weeks earlier. However, this mortality was not reported. Birds in the affected farm died within two weeks time. Dead birds were disposed of in the disposal pit nearby the farm with proper disinfection. Stamping out of the birds in the infected zone has started.

The number of birds stamped out in the infected zone will be reported in the follow-up reports.

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

- Unknown or inconclusive

#### Measures applied

**Applied**

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

**To be applied**

- no planned control measures

#### Animals treated

- Vaccination Prohibited
- No

#### Diagnostic test results

- **Laboratory Type:** National laboratory
- **Name of Laboratory:** Central Veterinary Laboratory, Tripureshwor
- **Species:** Birds
- **Test Type:** real-time PCR
- **Date results provided:** 15/05/2018
- **Result:** Positive

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<table>
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<th>Laboratory Type</th>
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<th>Species</th>
<th>Test Type</th>
<th>Date results provided</th>
<th>Result</th>
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<tr>
<td>National laboratory</td>
<td>Central Veterinary Laboratory, Tripureshwor</td>
<td>Birds</td>
<td>rapid tests</td>
<td>15/05/2018</td>
<td>Positive</td>
</tr>
</tbody>
</table>

**Future Reporting**

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