### Immediate notification report

**Report reference:** REF OIE 23193, **Report Date:** 10/03/2017, **Country:** Nepal

### Report Summary

**Name of sender of the report:** Dr Bimal Kumar Nirmal  
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**Address:** Department of Livestock Services, Harihaabawan, Lalitpur NEPAL  
**Date submitted to OIE:** 10/03/2017

- **Animal type:** Terrestrial  
- **Disease:** Highly pathogenic avian influenza
- **Causal Agent:** Highly pathogenic avian influenza virus
- **Date of report:** 10/03/2017  
- **Date of start of the event:** 01/03/2017  
- **Date of confirmation of the event:** 08/03/2017  
- **Serotype(s):** H5N8
- **Reason:** New strain of a listed disease in the country
- **Country or zone:** the whole country
- **Number of reported outbreaks:** submitted= 1, Draft= 0

### Outbreak details

- **Species:** Birds  
- **Number of outbreaks:** 1  
- **Location:** KOSHI - (this report - submitted)  
- **District:** Sunsari  
- **Village:** Santitole, Khanar  
- **Unit Type:** Farm  
- **Location:** Itahari-12  
- **Latitude:** 26.635389  
- **Longitude:** 87.271422  
- **Start Date:** 01/03/2017  
- **End Date:** 10/03/2017

#### Species

**Affected Population:** 40-weeks and 20-weeks old commercial layers birds reared in a two different sheds.

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

<table>
<thead>
<tr>
<th>Species</th>
<th>Measuring units</th>
<th>Susceptible</th>
<th>Cases</th>
<th>Deaths</th>
<th>Destroyed</th>
<th>Slaughtered</th>
</tr>
</thead>
<tbody>
<tr>
<td>Birds</td>
<td>Animals</td>
<td>6200</td>
<td>3650</td>
<td>2550</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>3650</td>
<td>3650</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Epidemiology

#### Epidemiological comments

- A total of 2550 birds, 412 eggs, 200kg of food, 2213 egg trays and 26 local hens have been destroyed and disposed of by the Rapid Response Team. Stamping out, cleaning and disinfection and sealing of infected premises have been completed. Post operative surveillance outside the containment area is ongoing.

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

- Unknown or inconclusive

### Measures applied

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

- **To be applied**
  - no planned control measures

### Animals treated

- **Animals treated:** Vaccination Prohibited
- **No:** Yes

### 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</td>
<td>Birds</td>
<td>real-time PCR</td>
<td>08/03/2017</td>
<td>Positive</td>
</tr>
<tr>
<td>National laboratory</td>
<td>Central Veterinary laboratory</td>
<td>Birds</td>
<td>rapid tests</td>
<td>07/03/2017</td>
<td>Positive</td>
</tr>
</tbody>
</table>

### Future Reporting

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