### Report Summary

**Name of sender of the report:** Dr Bimal Kumar Nirmal  
**Position:** Director General  
**Address:** Harihareshwara, Lalitpur NEPAL

**Date submitted to OIE:** 17/03/2019

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**Animal type:** Terrestrial  
**Date of report:** 17/03/2019  
**Disease:** Highly pathogenic avian influenza  
**Date of start of the event:** 14/02/2019  
**Causal Agent:** Highly pathogenic avian influenza virus  
**Date of confirmation of the event:** 06/03/2019  
**Serotype(s):** H5N1  
**Date of last occurrence:** 10/09/2018  
**Reason:** Recurrence of a listed disease

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**Number of reported outbreaks:** submitted=2, Draft=0

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### Outbreak details

<table>
<thead>
<tr>
<th>Species</th>
<th>Measuring units</th>
<th>Susceptible Cases</th>
<th>Deaths</th>
<th>Killed and disposed of</th>
</tr>
</thead>
<tbody>
<tr>
<td>Birds</td>
<td>Animals</td>
<td>50894</td>
<td>9769</td>
<td>9769</td>
</tr>
</tbody>
</table>

**Affected Population:** Commercial layers

<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>-</td>
<td>Makawanpur</td>
<td>Naksoti</td>
<td>Farm</td>
<td>Hetauda Submetropolitan, ward No. 7</td>
<td>27.396939</td>
<td>85.063117</td>
<td>14/02/2019</td>
<td></td>
</tr>
</tbody>
</table>

### Outbreak summary

Outbreak summary: Total outbreaks = 2 (Submitted)

<table>
<thead>
<tr>
<th>Species</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>56746</td>
<td>12369</td>
<td>12369</td>
<td>44377</td>
<td>0</td>
</tr>
</tbody>
</table>

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### Epidemiology

**Epidemiological comments:**

Sudden death of large number of birds of laying stage showing clinical sign and symptoms with swelling of head, cyanotic comb and wattle.

**Source of the outbreak(s) or origin of infection:**

- Unknown or inconclusive

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### Measures applied

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

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

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**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>06/03/2019</td>
<td>Positive</td>
</tr>
<tr>
<td>National laboratory</td>
<td>Central Veterinary Laboratory, Tripureshwor</td>
<td>Birds</td>
<td>rapid tests</td>
<td>06/03/2019</td>
<td>Positive</td>
</tr>
</tbody>
</table>

**Future Reporting**

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