### Report Summary

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

**Date submitted to OIE**: 08/06/2018

**Animal type**: Terrestrial  
**Disease**: Highly pathogenic avian influenza  
**Reason**: Recurrence of a listed disease

**Date of report**: 08/06/2018  
**Date of start of the event**: 20/05/2018  
**Date of confirmation of the event**: 22/05/2018  
**Date of last occurrence**: 10/03/2017  
**Causal Agent**: Highly pathogenic avian influenza virus  
**Serotype(s)**: H5N1  
**Country or zone**: the whole country  
**Number of outbreaks**: submitted = 2, Draft = 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>Bagmati- other report - submitted</td>
<td>-</td>
<td>Kathmandu</td>
<td>Lambagar</td>
<td>Backyard</td>
<td>Taekeshwor municipality-6</td>
<td>27.5128</td>
<td>85.30257</td>
<td>20/05/2018</td>
<td>25/05/2018</td>
</tr>
<tr>
<td>Bagmati- (this report - submitted)</td>
<td>-</td>
<td>Lalitpur</td>
<td>Mahadev dada</td>
<td>Farm</td>
<td>Godawari municipality</td>
<td>27.60447</td>
<td>85.37749</td>
<td>04/06/2018</td>
<td></td>
</tr>
</tbody>
</table>

#### Species

- **Species**: Birds of poultry  
- **Measuring units**: Animals  
- **Susceptible Cases**: 5633  
- **Deaths**: 270  
- **Killed and disposed of**: 240  
- **Slaughtered**: 5393  
- **Affected Population**: Ducks reared in backyard

#### Species

- **Species**: Birds  
- **Measuring units**: Animals  
- **Susceptible Cases**: 6000  
- **Deaths**: 1340  
- **Killed and disposed of**: 1340  
- **Slaughtered**: 4660  
- **Affected Population**: Commercial broiler of 5 weeks old

### 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>11833</td>
<td>1610</td>
<td>1580</td>
<td>10853</td>
<td>0</td>
</tr>
</tbody>
</table>

### Epidemiology

#### Epidemiological comments

Commercial broiler chickes of 5 weeks old started exhibiting symptoms of dullness, off-fed dyspnoea, and sudden death. Dead birds were disposed of properly. A total of 4,660 commercial broiler, 75 backyard chicken and 512 kg of feed have been destroyed and disposed by the Rapid Response Team. Stamping out operation, cleaning and disinfection, sealing of infected premises have been completed. Post operation surveillance outside the containment area is ongoing. Further details will be sent in follow-up reports.

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

- Unknown or inconclusive

### Measures 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

#### Animals treated

Vaccination Prohibited

**Printed on**: Fri Jun 8 17:42:42 AST 2018

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### Animals treated

<table>
<thead>
<tr>
<th>Vaccination Prohibited</th>
</tr>
</thead>
<tbody>
<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>06/06/2018</td>
<td>Positive</td>
</tr>
<tr>
<td>National laboratory</td>
<td>Central Veterinary Laboratory, Tripureshwor</td>
<td>Birds</td>
<td>rapid tests</td>
<td>06/06/2018</td>
<td>Positive</td>
</tr>
</tbody>
</table>

### Future Reporting

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