Outbreak details

Outbreak summary: Total outbreaks = 2 (Submitted)

Outbreak summary

Species Measuring units Susceptible Cases Deaths Killed and disposed of Slaughtered
Birds Animals 11633 1610 1580 10053 0

Epidemiology

Epidemiological comments

Samples will be sent to the OIE reference laboratory, Geelong, Australia for genetic characterization very soon. The postoperative surveillance in the surveillance zone throughout the outbreak area and also in other risk areas, including live bird market and wild water bird area of the country, was intensified.
None of the samples showed the further evidence of highly pathogenic Avian Influenza (HPAI) for more than 90 days of the last outbreak in Kathmandu district of Nepal. Therefore, Nepal considers itself free from HPAI with effect from 10.09.2018.

Source of the outbreak(s) or origin of infection

• Unknown or inconclusive

Measures applied

<table>
<thead>
<tr>
<th>Applied</th>
<th>To be applied</th>
</tr>
</thead>
</table>

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>Tarkeshwor municipality-6</td>
<td>27.75128</td>
<td>85.30257</td>
<td>20/05/2018</td>
<td>23/08/2018</td>
</tr>
<tr>
<td>Species</td>
<td>Measuring units</td>
<td>Susceptible</td>
<td>Cases</td>
<td>Deaths</td>
<td>Killed and disposed of</td>
<td>Slaughtered</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Birds</td>
<td>Animals</td>
<td>5633</td>
<td>270</td>
<td>240</td>
<td>5393</td>
<td>0</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
| Affected Population | Ducks reared in a backyard.
Stamping out followed by cleaning and disinfection, disposal and sealing of infected premises of the last infected farm at Tarkeshwor, Kathmandu, were completed on 22.05.2018. During the surveillance period, a total of 319 samples (91 tracheal swabs, 80 cloacal swabs, 78 environmental swabs, and 70 serum samples) were collected and tested. |
| a zone or compartment | Number of outbreaks | District | Village | Unit Type | Location | Latitude | Longitude | Start Date | End Date |
| Bagmati-other report - submitted | - | Lalitpur | Mahadev dada | Farm | Godawari municipality | 27.60447 | 85.37749 | 04/06/2018 | 10/09/2018 |
| Species | Measuring units | Susceptible | Cases | Deaths | Killed and disposed of | Slaughtered |
| Birds | Animals | 6000 | 1340 | 1340 | 4660 | 0 |
| Affected Population | Commercial broilers of 5 weeks old.
Stamping out followed by cleaning and disinfection, disposal and sealing of infected premises of the last infected farm at Godawari, Lalitpur, were completed on 25.05.2018. During the surveillance period, a total of 314 samples (83 tracheal swabs, 88 cloacal swabs, 85 environmental swabs, and 58 serum samples) were collected and tested. |

Species Measuring units Susceptible Cases Deaths Killed and disposed of Slaughtered
Birds Animals 11633 1610 1580 10053 0

Report Summary

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

Date submitted to OIE 11/09/2018

Animal type Terrestrial

Date of report 11/09/2018

Disease Highly pathogenic avian influenza

Date of start of the event 20/05/2018

Causal Agent Highly pathogenic avian influenza virus

Date of confirmation of the event 22/05/2018

Serotype(s) H5N1

Date of last occurrence 10/03/2017

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= 2, Draft= 0

Outbreak details

Species Measuring units Susceptible Cases Deaths Killed and disposed of Slaughtered
Birds Animals 5633 270 240 5393 0

Affected Population Ducks reared in a backyard.
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<th>Applied</th>
<th>To be applied</th>
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</table>
### 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
<table>
<thead>
<tr>
<th>No</th>
<th>Vaccination Prohibited</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td></td>
</tr>
</tbody>
</table>

### Future Reporting
The report and all its outbreaks have been resolved.
Outbreak maps