

## Immediate notification report

Report reference: REF OIE 29871, Report Date: 17/03/2019, Country : Nepal

### Report Summary

|                                     |                               |                              |                        |
|-------------------------------------|-------------------------------|------------------------------|------------------------|
| <b>Name of sender of the report</b> | Dr Bimal Kumar Nirmal         | <b>Telephone</b>             | +977 5522056           |
| <b>Position</b>                     | Director General              | <b>Fax</b>                   | +977 1 55 42 915       |
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|                                     |                               | <b>Date submitted to OIE</b> | 17/03/2019             |

|                                     |   |  |   |
|-------------------------------------|---|--|---|
| <b>Animal type</b>                  | Terrestrial                             | <b>Date of report</b>                    | 17/03/2019  |
| <b>Disease</b>                      | Highly pathogenic avian influenza       | <b>Date of start of the event</b>        | 14/02/2019  |
| <b>Causal Agent</b>                 | Highly pathogenic avian influenza virus | <b>Date of confirmation of the event</b> | 06/03/2019  |
| <b>Serotype(s)</b>                  | H5N1                                    | <b>Date of last occurrence</b>           | 10/09/2018  |
| <b>Reason</b>                       | Recurrence of a listed disease          | <b>Diagnosis</b>                         | Clinical, Laboratory (basic), Laboratory (advanced), Necropsy |
| <b>Country or zone</b>              | the whole country                       | <b>Clinical signs</b>                    | Yes   |
| <b>Number of reported outbreaks</b> | submitted= 2, Draft= 0                  |  |   |

### Outbreak details

| a zone or compartment               | Number of outbreaks    | District           | Village      | Unit Type     | Location                            | Latitude           | Longitude | Start Date | End Date: |
|-------------------------------------|------------------------|--------------------|--------------|---------------|-------------------------------------|--------------------|-----------|------------|-----------|
| Narayani- (this report - submitted) | -                      | Makawanpur         | Naksoti      | Farm          | Hetauda Submetropolitan, ward No. 7 | 27.396939          | 85.063117 | 14/02/2019 |           |
| <b>Species</b>                      | <b>Measuring units</b> | <b>Susceptible</b> | <b>Cases</b> | <b>Deaths</b> | <b>Killed and disposed of</b>       | <b>Slaughtered</b> |           |            |           |
| Birds                               | Animals                | 50894              | 9769         | 9769          | 41125                               | 0                  |           |            |           |
| Affected Population                 | Commercial layers      |                    |              |               |                                     |                    |           |            |           |

| a zone or compartment              | Number of outbreaks    | District           | Village      | Unit Type     | Location                      | Latitude           | Longitude | Start Date | End Date: |
|------------------------------------|------------------------|--------------------|--------------|---------------|-------------------------------|--------------------|-----------|------------|-----------|
| Bagmati- (this report - submitted) | -                      | kathmandu          | Sanglafat    | Farm          | Tarkeshwor-1                  | 27.769718          | 85.317463 | 28/02/2019 |           |
| <b>Species</b>                     | <b>Measuring units</b> | <b>Susceptible</b> | <b>Cases</b> | <b>Deaths</b> | <b>Killed and disposed of</b> | <b>Slaughtered</b> |           |            |           |
| Birds                              | Animals                | 5852               | 2600         | 2600          | 3252                          | 0                  |           |            |           |
| Affected Population                | Layers                 |                    |              |               |                               |                    |           |            |           |

### Outbreak summary: Total outbreaks = 2 (Submitted)

| Species | Susceptible | Cases | Deaths | Killed and disposed of | Slaughtered |
|---------|-------------|-------|--------|------------------------|-------------|
| Birds   | 56746       | 12369 | 12369  | 44377                  | 0           |

### 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

### Measures applied

| Applied   | To be applied   |
|---|---|
| <ul style="list-style-type: none"> <li>• movement control inside the country</li> <li>• surveillance outside containment and/or protection zone</li> <li>• surveillance within containment and/or protection zone</li> <li>• screening</li> <li>• traceability</li> <li>• quarantine</li> <li>• official destruction of animal products</li> <li>• official disposal of carcasses, by-products and waste</li> <li>• stamping out</li> <li>• disinfection</li> </ul> | <ul style="list-style-type: none"> <li>• no planned control measures</li> </ul> |

|                        |                               |
|------------------------|-------------------------------|
| No                     | Yes                           |
| <b>Animals treated</b> | <b>Vaccination Prohibited</b> |
| No                     | Yes                           |

### Diagnostic test results

| Laboratory Type     | Name of Laboratory                             | Species | Test Type     | Date results provided | Result   |
|---------------------|--|---------|---------------|-----------------------|----------|
| National laboratory | Central Veterinary Laboratory,<br>Tripureshwor | Birds   | real-time PCR | 06/03/2019            | Positive |
| National laboratory | Central Veterinary Laboratory,<br>Tripureshwor | Birds   | rapid tests   | 06/03/2019            | Positive |

### Future Reporting

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

## Outbreak maps

