**Follow-up report No.3**


### Report Summary

<table>
<thead>
<tr>
<th>Name of sender of the report</th>
<th>Dr Dong Pham Van</th>
</tr>
</thead>
<tbody>
<tr>
<td>Position</td>
<td>Director General, Chief Veterinary Officer</td>
</tr>
<tr>
<td>Address</td>
<td>15 Lane 78 Giai Phong Road, Dong Da - Hanoi, Hanoi</td>
</tr>
</tbody>
</table>

**Date submitted to OIE** 02/11/2018

### Animal type

- **Terrestrial**

### Disease

- **Highly pathogenic avian influenza**

### Causal Agent

- **Highly pathogenic avian influenza virus**

### Serotype(s)

- H5N6

### Reason

- Recurrence of a listed disease

### Date of report

02/11/2018

### Date of start of the event

28/07/2018

### Date of confirmation of the event

30/07/2018

### Date of last occurrence

19/03/2018

### Country or zone

- the whole country

### Clinical signs

- Yes

### Number of reported outbreaks

- submitted= 6, Draft= 0

### Outbreak details

#### Province: Nehe An - other report - submitted

- **District**: Dien Chau
- **Commune**: Dien Lien
- **Unit Type**: Village
- **Location**: Dien Lien
- **Latitude**: 19.0306
- **Longitude**: 105.5515
- **Start Date**: 28/07/2018
- **End Date**: 28/08/2018

<table>
<thead>
<tr>
<th>Species</th>
<th>Measuring units</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>Animals</td>
<td>2400</td>
<td>90</td>
<td>90</td>
<td>2310</td>
<td>0</td>
</tr>
</tbody>
</table>

**Affected Population** The affected population is backyard birds.

#### Province: Hai Phong - other report - submitted

- **District**: An Duong
- **Commune**: An Hong
- **Unit Type**: Village
- **Location**: An Hong
- **Latitude**: 20.9105
- **Longitude**: 106.609
- **Start Date**: 28/07/2018
- **End Date**: 28/08/2018

<table>
<thead>
<tr>
<th>Species</th>
<th>Measuring units</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>Animals</td>
<td>4720</td>
<td>1000</td>
<td>500</td>
<td>4220</td>
<td>0</td>
</tr>
</tbody>
</table>

**Affected Population** The affected population is backyard birds.

#### Province: Cao Bang - other report - submitted

- **District**: Cao Bang town
- **Commune**: Duyet Trung
- **Unit Type**: Village
- **Location**: Duyet Trung
- **Latitude**: 22.6315
- **Longitude**: 106.288
- **Start Date**: 14/09/2018
- **End Date**: 14/10/2018

<table>
<thead>
<tr>
<th>Species</th>
<th>Measuring units</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>Animals</td>
<td>6803</td>
<td>300</td>
<td>200</td>
<td>6603</td>
<td>0</td>
</tr>
</tbody>
</table>

**Affected Population**

#### Province: Dak Lak - other report - submitted

- **District**: Krong Bong
- **Commune**: Hoa Le
- **Unit Type**: Village
- **Location**: Village 2
- **Latitude**: 12.4767
- **Longitude**: 108.4031
- **Start Date**: 07/10/2018
- **End Date**: 02/11/2018

<table>
<thead>
<tr>
<th>Species</th>
<th>Measuring units</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>Animals</td>
<td>2500</td>
<td>100</td>
<td>100</td>
<td>2400</td>
<td>0</td>
</tr>
</tbody>
</table>

**Affected Population**
### Province: Phu Yen - (this report submitted)

#### District: Phu Hoa

- **Commune:** Hoa An
- **Unit Type:** Village
- **Location:** Dong Binh
- **Latitude:** 13.06
- **Longitude:** 109.2795
- **Start Date:** 27/10/2018

### Affected Population

<table>
<thead>
<tr>
<th>Species</th>
<th>Measuring units</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>Animals</td>
<td>2900</td>
<td>1700</td>
<td>1000</td>
<td>1900</td>
<td>0</td>
</tr>
</tbody>
</table>

### Outbreak summary: Total outbreaks = 6 (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>24823</td>
<td>5390</td>
<td>2890</td>
<td>21933</td>
<td>0</td>
</tr>
</tbody>
</table>

### Epidemiology

#### Epidemiological comments

- **Source of the outbreak(s) or origin of infection**
  - Unknown or inconclusive

#### Measures applied

- **Applied**
  - *vaccination in response to the outbreak(s)
  - *surveillance outside containment and/or protection zone
  - *vaccination
  - *disinfection

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

#### Animals treated

- **Vaccination Prohibited**
  - No

### 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>Regional Laboratory</td>
<td>Regional Animal Health Office 4</td>
<td>Birds</td>
<td>real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)</td>
<td>30/10/2018</td>
<td>Positive</td>
</tr>
<tr>
<td>Regional Laboratory</td>
<td>Regional Animal Health Office 2</td>
<td>Birds</td>
<td>real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)</td>
<td>16/10/2018</td>
<td>Positive</td>
</tr>
</tbody>
</table>

### Future Reporting

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