Follow-up report No.4


Report Summary

Name of sender of the report | Dr Dong Pham Van
---|---
Telephone | +84 4 38 69 42 08
Position | Director General, Chief Veterinary Officer
Fax | +84 4 38 69 13 11
Address | 15 Lane 78 Giai Phong Road
Dong Da - Hanoï Hanoï

Date submitted to OIE | 13/02/2014

Animal type | Terrestrial
Date of report | 13/02/2014

Disease | Highly pathogenic avian influenza
Date of start of the event | 07/10/2013
Causal Agent | Highly pathogenic avian influenza virus
Date of pre-confirmation of the event | 13/10/2013
Serotype(s) | H5N1
Date of last occurrence | 24/07/2013
Reason | Reoccurrence of a listed disease
Country or zone | the whole country
Clinical signs | Yes

Number of reported outbreaks | submitted= 11, Draft= 0

Outbreak details

<table>
<thead>
<tr>
<th>Province</th>
<th>HOA BINH-other report - submitted</th>
<th>Bac Ninh other report - submitted</th>
<th>Bac Ninh other report - submitted</th>
<th>Bac Ninh other report - submitted</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of outbreaks</td>
<td>1175</td>
<td>1400</td>
<td>1125</td>
<td>2469</td>
</tr>
<tr>
<td>District</td>
<td>Luong son</td>
<td>Dong Phong</td>
<td>Bac Nhì city</td>
<td>Tien Du</td>
</tr>
<tr>
<td>Commune</td>
<td>Nhuan Trach</td>
<td>Dong Phong</td>
<td>Hap Linh</td>
<td>Phu Lam</td>
</tr>
<tr>
<td>Unit Type</td>
<td>Village</td>
<td>Village</td>
<td>Village</td>
<td>Village</td>
</tr>
<tr>
<td>Location</td>
<td>Gieng Em</td>
<td>Dong Phong</td>
<td>Hap Linh</td>
<td>Phu Lam</td>
</tr>
<tr>
<td>Longitude</td>
<td>105.5631</td>
<td>106.019</td>
<td>106.0219</td>
<td>106.0878</td>
</tr>
<tr>
<td>Start Date</td>
<td>07/10/2013</td>
<td>08/01/2014</td>
<td>08/01/2014</td>
<td>09/01/2014</td>
</tr>
<tr>
<td>End Date</td>
<td>15/11/2013</td>
<td>10/02/2014</td>
<td>10/02/2014</td>
<td>10/02/2014</td>
</tr>
</tbody>
</table>

Species | Birds | Birds | Birds | Birds |
| Measuring units | Animals | Animals | Animals | Animals |
| Susceptible | 370 | 500 | 395 | 1000 |
| Cases | 370 | 400 | 300 | 600 |
| Deaths | 805 | 1000 | 825 | 1869 |
| Destroyed | 370 | 400 | 300 | 600 |
| Slaughtered | 0 | 0 | 0 | 0 |

Affected Population | |
| Affected population of 700 ducks and 475 chickens | Affected Population | Affected Population | Affected Population |

Printed on: Thu Feb 13 18:36:36 CET 2014
### Outbreak summary: Total outbreaks = 11 (Submitted)

<table>
<thead>
<tr>
<th>Province</th>
<th>Number of outbreaks</th>
<th>District</th>
<th>Commune</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>NAM DINH</td>
<td>-</td>
<td>Giao Thuy</td>
<td>Giao Ha</td>
<td>Village</td>
<td>Guap Ha</td>
<td>20.2587</td>
<td>106.4529</td>
<td>07/02/2014</td>
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<tr>
<td>KHANH HOA</td>
<td>-</td>
<td>Village</td>
<td>Khanh Hoa</td>
<td></td>
<td></td>
<td>12.5709</td>
<td>109.2299</td>
<td>10/02/2014</td>
<td></td>
</tr>
<tr>
<td>TAY NINH</td>
<td>-</td>
<td>Ben Cau</td>
<td>Village</td>
<td>Ben cua</td>
<td></td>
<td>11.0753</td>
<td>106.2344</td>
<td>10/02/2014</td>
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</tr>
<tr>
<td>QUANG NGAI</td>
<td>-</td>
<td>Duc Pho</td>
<td>Pho Cuong</td>
<td>Village</td>
<td>Pho Cuong</td>
<td>14.7414</td>
<td>108.9871</td>
<td>10/02/2014</td>
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</tr>
<tr>
<td>CA MAU</td>
<td>-</td>
<td>Tran Van Thoi</td>
<td>Tran Hoi</td>
<td>Village</td>
<td>Tran Hoi</td>
<td>9.1852</td>
<td>104.9468</td>
<td>11/02/2014</td>
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<tr>
<td>KON TUM</td>
<td>-</td>
<td>Ngoc Hoí</td>
<td>Village</td>
<td>Ngoc Hoí</td>
<td></td>
<td>14.5752</td>
<td>107.6021</td>
<td>11/02/2014</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Species</th>
<th>Measuring units</th>
<th>Susceptible Cases</th>
<th>Deaths</th>
<th>Destroyed</th>
<th>Slaughtered</th>
</tr>
</thead>
<tbody>
<tr>
<td>Birds</td>
<td>Animals</td>
<td>510</td>
<td>300</td>
<td>210</td>
<td></td>
</tr>
<tr>
<td>Birds</td>
<td>Animals</td>
<td>6990</td>
<td>3000</td>
<td>5900</td>
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</tr>
<tr>
<td>Birds</td>
<td>Animals</td>
<td>1582</td>
<td>329</td>
<td>1253</td>
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</tr>
<tr>
<td>Birds</td>
<td>Animals</td>
<td>4633</td>
<td>2783</td>
<td>1850</td>
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</tr>
<tr>
<td>Birds</td>
<td>Animals</td>
<td>121</td>
<td>106</td>
<td>15</td>
<td></td>
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<tr>
<td>Birds</td>
<td>Animals</td>
<td>5235</td>
<td>2663</td>
<td>2572</td>
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</tr>
</tbody>
</table>

<table>
<thead>
<tr>
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<th>Susceptible Cases</th>
<th>Deaths</th>
<th>Destroyed</th>
<th>Slaughtered</th>
</tr>
</thead>
<tbody>
<tr>
<td>Birds</td>
<td>Animals</td>
<td>29943</td>
<td>13446</td>
<td>12151</td>
<td>17792</td>
</tr>
</tbody>
</table>

### Epidemiology

#### Epidemiological comments

Epidemiological comments

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

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• Unknown or inconclusive

Measures applied

<table>
<thead>
<tr>
<th>Applied</th>
<th>To be applied</th>
</tr>
</thead>
<tbody>
<tr>
<td>• stamping out</td>
<td>• no planned control measures</td>
</tr>
<tr>
<td>• movement control inside the country</td>
<td></td>
</tr>
<tr>
<td>• vaccination in response to the outbreak(s)</td>
<td></td>
</tr>
<tr>
<td>• disinfection of infected premises/establishment(s)</td>
<td></td>
</tr>
</tbody>
</table>

Animals treated

<table>
<thead>
<tr>
<th>Vaccination Prohibited</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</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>
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</thead>
<tbody>
<tr>
<td>National laboratory</td>
<td>Regional Animal Health Laboratory (RAHO 7)</td>
<td>Birds</td>
<td>reverse transcription - polymerase chain reaction (RT-PCR)</td>
<td>12/02/2014</td>
<td>Positive</td>
</tr>
</tbody>
</table>

Future Reporting

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