Follow-up report No.3

Report Summary

<table>
<thead>
<tr>
<th>Name of sender of the report</th>
<th>Telephone</th>
<th>Position</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr Sen Sovann</td>
<td>(855) 11 88 00 47</td>
<td>Deputy Secretary General</td>
<td>200 Preah Norodom BLVD Sangkat Tonle Basak Khan Chamkarmon BVD P.O. Box 2447 Phnom Penh 3 Phnom Penh</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Email</th>
<th>Date submitted to OIE</th>
</tr>
</thead>
<tbody>
<tr>
<td><a href="mailto:sssovann@online.com.kh">sssovann@online.com.kh</a></td>
<td>21/03/2014</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Animal type</th>
<th>Date of report</th>
</tr>
</thead>
<tbody>
<tr>
<td>Terrestrial</td>
<td>21/03/2014</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Disease</th>
<th>Date of start of the event</th>
</tr>
</thead>
<tbody>
<tr>
<td>Highly pathogenic avian influenza</td>
<td>07/02/2014</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Causal Agent</th>
<th>Date of pre-confirmation of the event</th>
</tr>
</thead>
<tbody>
<tr>
<td>Highly pathogenic avian influenza virus</td>
<td>10/02/2014</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Serotype(s)</th>
<th>Date of last occurrence</th>
</tr>
</thead>
<tbody>
<tr>
<td>H5N1</td>
<td>18/08/2013</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Reason</th>
<th>Diagnosis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reoccurrence of a listed disease</td>
<td>Clinical, Laboratory (basic), Laboratory (advanced), Necropsy</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Country or zone</th>
<th>Clinical signs</th>
<th>Number of reported outbreaks</th>
</tr>
</thead>
<tbody>
<tr>
<td>the whole country</td>
<td>Yes</td>
<td>submitted= 5, Draft= 0</td>
</tr>
</tbody>
</table>

Outbreak details

<table>
<thead>
<tr>
<th>Province</th>
<th>Number of outbreaks</th>
<th>District</th>
<th>Sub-district</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>KG. CHAM</td>
<td>submitted</td>
<td>Batheay</td>
<td>Sandaek</td>
<td>Village</td>
<td>Svay Prey</td>
<td>12.0</td>
<td>104.95</td>
<td>07/02/2014</td>
<td>11/02/2014</td>
</tr>
<tr>
<td>Species</td>
<td>Measuring units</td>
<td>Susceptible</td>
<td>Cases</td>
<td>Deaths</td>
<td>Destroyed</td>
<td>Slaughtered</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Birds</td>
<td>Animals</td>
<td>5250</td>
<td>4466</td>
<td>4466</td>
<td>784</td>
<td>0</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Affected Population</td>
<td>Two duck flocks in two households.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>KG. SPEU</td>
<td>submitted</td>
<td>Aoral</td>
<td>Trapang Chau</td>
<td>Village</td>
<td>Peam Lvea</td>
<td>11.76</td>
<td>104.05</td>
<td>18/02/2014</td>
<td>25/02/2014</td>
</tr>
<tr>
<td>Species</td>
<td>Measuring units</td>
<td>Susceptible</td>
<td>Cases</td>
<td>Deaths</td>
<td>Destroyed</td>
<td>Slaughtered</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Birds</td>
<td>Animals</td>
<td>450</td>
<td>210</td>
<td>210</td>
<td>240</td>
<td>0</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Affected Population</td>
<td>Backyard poultry</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>KANDAL</td>
<td>submitted</td>
<td>Koh Thom</td>
<td>Kampong Kong</td>
<td>Village</td>
<td>Tuol Sangkae</td>
<td>11.09</td>
<td>105.07</td>
<td>19/02/2014</td>
<td>25/02/2014</td>
</tr>
<tr>
<td>Species</td>
<td>Measuring units</td>
<td>Susceptible</td>
<td>Cases</td>
<td>Deaths</td>
<td>Destroyed</td>
<td>Slaughtered</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Birds</td>
<td>Animals</td>
<td>250</td>
<td>200</td>
<td>200</td>
<td>50</td>
<td>0</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Affected Population</td>
<td>Two duck flocks in two households.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PHNOM PENH</td>
<td>submitted</td>
<td>Khan Dangkao</td>
<td>Sangkat Pratas Lang</td>
<td>Farm</td>
<td>Cambodia Agriculture Research and Development Institute (CARDE)</td>
<td>11.62</td>
<td>104.9</td>
<td>24/02/2014</td>
<td>27/02/2014</td>
</tr>
<tr>
<td>Species</td>
<td>Measuring units</td>
<td>Susceptible</td>
<td>Cases</td>
<td>Deaths</td>
<td>Destroyed</td>
<td>Slaughtered</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Birds</td>
<td>Animals</td>
<td>200</td>
<td>83</td>
<td>83</td>
<td>117</td>
<td>0</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Affected Population</td>
<td>Local chicken farm raising for research at the institute.</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
</tbody>
</table>
### Outbreak summary: Total outbreaks = 5 (Submitted)

<table>
<thead>
<tr>
<th>Species</th>
<th>Measuring units</th>
<th>Susceptible</th>
<th>Cases</th>
<th>Deaths</th>
<th>Destroyed</th>
<th>Slaughtered</th>
</tr>
</thead>
<tbody>
<tr>
<td>Birds</td>
<td>Animals</td>
<td>6676</td>
<td>5260</td>
<td>5260</td>
<td>1416</td>
<td>0</td>
</tr>
</tbody>
</table>

#### Epidemiology

**Epidemiological comments**

After receiving the report from poultry owners, the district and provincial veterinarians went there. They collected some samples from chicken, ducks, and geese and send them to the National Veterinary Research Institute (NaVRI). The results were confirmed positive for highly pathogenic avian influenza H5N1.

**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>
<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>• disinfection of infected premises/establishment(s)</td>
<td></td>
</tr>
<tr>
<td>• dipping / spraying</td>
<td></td>
</tr>
</tbody>
</table>

**Animals treated**

- Vaccination Prohibited

- No [Yes]

#### 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>National Veterinary Research Institute (NaVRI)</td>
<td>Birds</td>
<td>real-time PCR</td>
<td>18/03/2014</td>
<td>Positive</td>
</tr>
<tr>
<td>National laboratory</td>
<td>National Veterinary Research Institute (NaVRI)</td>
<td>Birds</td>
<td>anatomo-pathological examination</td>
<td>18/03/2014</td>
<td>Positive</td>
</tr>
</tbody>
</table>

#### Future Reporting

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