**Report Summary**

<table>
<thead>
<tr>
<th>Name of sender of the report</th>
<th>Dr Sen Sovann</th>
<th>Telephone</th>
<th>(855) 11 88 00 47</th>
</tr>
</thead>
<tbody>
<tr>
<td>Position</td>
<td>Director General</td>
<td>Fax</td>
<td>(855) 23 21 96 63</td>
</tr>
<tr>
<td>Address</td>
<td>Trea village, Sangkat Steung Meanchey, Khan Meanchey, Phnom Penh, Cambodia Phnom Penh</td>
<td>Email</td>
<td><a href="mailto:sen.sovann88@gmail.com">sen.sovann88@gmail.com</a></td>
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</tbody>
</table>

**Date submitted to OIE** 13/02/2018

**Animal type** Terrestrial

**Date of report** 13/02/2018

**Disease** Highly pathogenic avian influenza

**Date of start of the event** 22/11/2017

**Causal Agent** Highly pathogenic avian influenza virus

**Date of confirmation of the event** 06/12/2017

**Serotype(s)** H5N1

**Date of last occurrence** 31/01/2017

**Reason** Recurrence of a listed disease

**Country or zone** the whole country

**Clinical signs** Yes

**Number of reported outbreaks** submitted= 6, Draft= 0

### Outbreak details

#### Province

<table>
<thead>
<tr>
<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-other report - submitted</td>
<td>Prey Chhor</td>
<td>Tropang Preah</td>
<td>Farm</td>
<td>Kos Svay</td>
<td>12.08</td>
<td>105.22</td>
<td>22/11/2017</td>
<td>08/12/2017</td>
</tr>
<tr>
<td>KG. CHAM-other report - submitted</td>
<td>Staung</td>
<td>Sampoach</td>
<td>Farm</td>
<td>Ampil Village</td>
<td>12.89</td>
<td>104.48</td>
<td>08/12/2017</td>
<td>16/12/2017</td>
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<tr>
<td>KG. CHAM-other report - submitted</td>
<td>Chamkar Leu</td>
<td>Chor Yo</td>
<td>Backyard</td>
<td>Tropang Russey Village</td>
<td>12.25</td>
<td>105.31</td>
<td>15/12/2017</td>
<td>27/12/2017</td>
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</table>

#### Species

<table>
<thead>
<tr>
<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 Animals</td>
<td>1763</td>
<td>1739</td>
<td>1739</td>
<td>24</td>
<td>0</td>
</tr>
<tr>
<td>Birds Animals</td>
<td>5000</td>
<td>4000</td>
<td>4000</td>
<td>1000</td>
<td>0</td>
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<tr>
<td>Birds Animals</td>
<td>342</td>
<td>189</td>
<td>189</td>
<td>153</td>
<td>0</td>
</tr>
</tbody>
</table>

**Affected Population**

Local chicken farm.

A duck flock with 5,000 ducks; 4,000 ducks were sick. On 8 December 2017, three samples from sick ducks were collected by a district veterinarian and sent to the National Animal Health and Production Research Institute for confirmation. All susceptible birds in the infected premise have been culled.

On 21/12/2017, poultry owners in Tropang Russey village reported high morbidity and mortality of chickens. Three samples of backyard chickens which died suddenly were collected by a district veterinarian and sent to the National Animal Health and Production Research Institute (NAHPRI) for laboratory diagnosis and confirmation. On 22/12/2017, the laboratory result confirmed the positivity to H5N1 avian influenza virus. All susceptible poultry birds in the infected premises have been culled.

On 05/01/2018, the laboratory result confirmed positive to avian influenza. All susceptible poultry birds in the infected premises have been culled.

On January 5th, 2018, backyard poultry’s owner in Prek Pul village, Banteay Dek commune, Kien Svay district, Kandal province reported high morbidity and mortality of chicken to the General Directorate of Animal Health and Production (GDAHP). Five samples from poultry were collected by National Animal Health and Production Research Institute (NAHPRI) staffs and sent to NAHPRI laboratory for confirmation. On January 08th, 2018, the laboratory result confirmed positive to avian influenza. All susceptible birds in the infected premises have been culled.

**Province**

**Number of outbreaks**

**District**

**Sub-district**

**Unit Type**

**Location**

**Latitude**

**Longitude**

**Start Date**

**End Date**

Printed on: Wed Feb 14 11:48:50 AST 2018
Outbreak summary: Total outbreaks = 6 (Submitted)

Epidemiology

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

Measures applied

Applied
- movement control inside the country
- surveillance within containment and/or protection zone
- stamping out
- disinfection

To be applied
- surveillance outside containment and/or protection zone

Animals treated
- Vaccination Prohibited

Diagnostic test results

Laboratory Name of Laboratory Species Test Type Date results provided Result
Regional Reference Laboratory Institute Pasteur du Cambodge Birds real-time PCR 09/02/2018 Positive
National laboratory National Animal Health and Production Research Institute (NAHPRI) Birds real-time PCR 08/02/2018 Positive

Future Reporting

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

Follow-up report No.: 5, Report reference: 536/17 NAHPRI, OIE Ref: 25950, Report Date: 13/02/2018, Country: Cambodia