**Report Summary**

**Disease**  
Highly pathogenic avian influenza  

**Animal type**  
Terrestrial

**Causal Agent**  
Highly pathogenic avian influenza virus

**Serotype(s)**  
H5N1

**Clinical Signs**  
Yes

**Reason**  
Reoccurrence of a listed disease

**Date of first confirmation of the event**  
28/07/2011

**Date of report**  
07/11/2011

**Date of report**  
21/07/2011

**Date of Start of Event**  
21/07/2011

**Date Of Last Occurrence**  
01/10/2010

**Diagnosis**  
Suspicion, Clinical, Laboratory (basic), Laboratory (advanced), Necropsy

**Number Of Reported Outbreaks**  
Submitted= 3, Draft= 0

**Name of Sender of the report**  
Dr Sen Sovann

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**Outbreak (other report - submitted)**

<table>
<thead>
<tr>
<th>Province</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>BANTEAY MEANCHEY</td>
<td>Mongkol Borei</td>
<td>Rohath Toek</td>
<td>Village</td>
<td>Doun Misol (Chok Rasamey) and Prek Samrong</td>
<td>13.51</td>
<td>103.04</td>
<td>21/07/2011</td>
<td>31/07/2011</td>
</tr>
</tbody>
</table>

**Species**  
Birds

**Measuring units**  
Animals

**Susceptible**  
580

**Cases**  
100

**Deaths**  
100

**Destroyed**  
480

**Slaughtered**  
0

**Affected Population**  
Backyard poultry (ducks and chickens)

<table>
<thead>
<tr>
<th>Province</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>
</table>

**Species**  
Birds

**Measuring units**  
Animals

**Susceptible**  
236

**Cases**  
156

**Deaths**  
156

**Destroyed**  
80

**Slaughtered**  
0

**Affected Population**  
Backyard poultry
Outbreak (this report - submitted)

Province: Battambang
District: Banon
Sub-district: Takream
Unit Type: Farm
Location: Opong Moan
Latitude: 13
Longitude: 103.05
Start date: 03/11/2011
End Date: 07/11/2011

Species: Birds
Measuring units: Animals
Susceptible: 5206
Cases: 1050
Deaths: 1050
Destroyed: 4156
Slaughtered: 0

Affected Population: Broiler farm

Outbreak summary: Total outbreaks = 3 (Submitted)

Species: Birds
Susceptible: 6022
Cases: 1306
Deaths: 1306
Destroyed: 4716
Slaughtered: 0

Epidemiology

Epidemiological comments:
The investigation team from the National Veterinary Research Institute (NaVRI) of the Department of Animal Health and Production (DAHP) conducted an investigation in the infected farms and carried out poultry mortality survey around infected farms at the village from 4 to 7 November 2011.

During the outbreak the team from provincial and central level did culling of poultry, a total of 4,156 heads (53 chickens, 97 ducks, 6 geese and 4,000 broilers) of poultry were culled.

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

Control Measures

Applied:
- Stamping out
- Movement control inside the country
- Dipping / Spraying

To be applied:
- No Planned Control Measures

Animals treated:
No

Country / Zone

Country or zone: the whole country

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>nested RT-PCR</td>
<td>03/11/2011</td>
<td>Positive</td>
</tr>
<tr>
<td>Regional Reference Laboratory</td>
<td>Pasteur Institute, Cambodia</td>
<td>Birds</td>
<td>nested RT-PCR</td>
<td>03/11/2011</td>
<td>Positive</td>
</tr>
</tbody>
</table>

Future Reporting

What further reports will be submitted in relation to this event?

There are 0 outbreaks that are still recorded as unresolved. It is not possible to declare this event resolved until these individual outbreaks are resolved.

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