Immediate notification report


Report Summary

Name of sender of the report: Dr Kwo-Ching Huang
Position: Chief Veterinary Officer and Deputy Director General
Address: 9Fl,51 Chung-Ching South Road, Section 2, Taipei 100
Date submitted to OIE: 07/12/2012

Animal type: Terrestrial
Disease: Highly pathogenic avian influenza
Causal Agent: Highly pathogenic avian influenza virus
Serotype(s): H5N2

Reason: Reoccurrence of a listed disease
Country or zone: the whole country
Clinical signs: Yes

Date of start of the event: 17/11/2012
Date of last occurrence: 07/08/2012
Date of pre-confirmation of the event: 22/11/2012

Number of reported outbreaks submitted= 1, Draft= 0

Outbreak details

<table>
<thead>
<tr>
<th>Prefecture/City</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>P'ENG-HU- (this report - submitted)</td>
<td>-</td>
<td>-</td>
<td>-</td>
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<td>-</td>
</tr>
</tbody>
</table>

Species | Measuring units | Susceptible | Cases | Deaths | Destroyed | Slaughtered |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Birds</td>
<td>Animals</td>
<td>831</td>
<td>300</td>
<td>200</td>
<td>631</td>
<td>0</td>
</tr>
</tbody>
</table>

Affected Population: Native chicken

Outbreak summary: Total outbreaks = 1 (Submitted)

<table>
<thead>
<tr>
<th>Species</th>
<th>Susceptible</th>
<th>Cases</th>
<th>Deaths</th>
<th>Destroyed</th>
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</tr>
</tbody>
</table>

Epidemiology

Epidemiological comments:
The clinical suspected cases were notified by the owner because of the abnormal mortality rate. The local government conducted movement restriction, epidemiological investigation and sampling on the index native chicken farm and destroyed all chickens as the measure for precaution on 22 November 2012 in accordance with its authority. The results of RT-PCR and pathogenicity tests confirmed this event as H5N2 HPAI. The clinical and epidemiological investigation of three surrounding poultry farms was conducted. No other NAI case was detected.

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

Measures applied

- stamping out
- quarantine
- movement control inside the country
- screening
- zoning
- disinfection of infected premises/establishment(s)
- no planned control measures

Animals treated:
- Vaccination Prohibited

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>Animal Health Research Institute</td>
<td>Birds</td>
<td>virus isolation</td>
<td>07/12/2012</td>
<td>Positive</td>
</tr>
<tr>
<td>National laboratory</td>
<td>Animal Health Research Institute</td>
<td>Birds</td>
<td>gene sequencing</td>
<td>24/11/2012</td>
<td>Positive</td>
</tr>
<tr>
<td>Laboratory Type</td>
<td>Name of Laboratory</td>
<td>Species</td>
<td>Test Type</td>
<td>Date Results Provided</td>
<td>Result</td>
</tr>
<tr>
<td>-----------------</td>
<td>--------------------------------------------</td>
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</tr>
<tr>
<td>National laboratory</td>
<td>Animal Health Research Institute</td>
<td>Birds</td>
<td>intravenous pathogenicity index (IVPI) test</td>
<td>07/12/2012</td>
<td>Positive</td>
</tr>
<tr>
<td>National laboratory</td>
<td>Animal Health Research Institute</td>
<td>Birds</td>
<td>reverse transcription - polymerase chain reaction (RT-PCR)</td>
<td>22/11/2012</td>
<td>Positive</td>
</tr>
<tr>
<td>National laboratory</td>
<td>Animal Health Research Institute</td>
<td>Birds</td>
<td>haemagglutination inhibition test (HIT)</td>
<td>22/11/2012</td>
<td>Negative</td>
</tr>
</tbody>
</table>

**Future Reporting**

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