### Report Summary

**Disease**
Highly pathogenic avian influenza

**Animal type**
Terrestrial

**Causal Agent**
Highly pathogenic avian influenza virus

**Serotype(s)**
H5N2

**Clinical Signs**
Yes

**Reason**
First occurrence of a listed disease

**Date of first confirmation of the event**
13/02/2012

**Date of report**
02/04/2012

**Date of Start of Event**
07/02/2012

**Date of report**
02/04/2012

**Date Submitted To OIE**
03/04/2012

**Diagnosis**
Clinical, Laboratory (advanced)

**Number Of Reported Outbreaks**
Submitted= 4, Draft= 0

**Name of Sender of the report**
Dr Kwo-Ching Huang

**Address**
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**Position**
Chief Veterinary Officer and Deputy Director General

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**Entered by**
Dr Kwo-Ching Huang

### Outbreak (other report - submitted)

#### Prefecture/City: T'AI-NAN

**Unit Type**
Farm

**Location**
Liou-Jia District

**Latitude**
23.245846

**Longitude**
120.309696

**Start date**
07/02/2012

**Species**
Birds

**Measuring units**
Animals

**Susceptible**
4840

**Cases**
804

**Deaths**
804

**Destroyed**
4036

**Slaughtered**
0

**Affected Population**
Broiler breeder

#### Prefecture/City: CHANG-HUA

**Unit Type**
Farm

**Location**
Fang-Yuan

**Latitude**
23.909667

**Longitude**
120.359983

**Start date**
22/02/2012

**Species**
Birds

**Measuring units**
Animals

**Susceptible**
9625

**Cases**
318

**Deaths**
318

**Destroyed**
9307

**Slaughtered**
0

**Affected Population**
Native chicken

#### Prefecture/City: CHANG-HUA

**Unit Type**
Farm

**Location**
Chu-Tang Township

**Latitude**
23.86028

**Longitude**
120.42694

**Start date**
05/03/2012

**Species**
Birds

**Measuring units**
Animals

**Susceptible**
8647

**Cases**
426

**Deaths**
426

**Destroyed**
8221

**Slaughtered**
0
Affected Population: Layer chicken

Outbreak (this report - submitted)

<table>
<thead>
<tr>
<th>Prefecture/City</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'ING-TUNG</td>
<td>Not applicable</td>
<td>Yen-Pu Township</td>
<td>22.727691</td>
<td>120.534825</td>
<td>15/03/2012</td>
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</tbody>
</table>

<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>7747</td>
<td>99</td>
<td>99</td>
<td>7648</td>
<td>0</td>
</tr>
</tbody>
</table>

Affected Population: Native chicken at an abattoir

Outbreak summary: Total outbreaks = 4 (Submitted)

<table>
<thead>
<tr>
<th>Species</th>
<th>Susceptible</th>
<th>Cases</th>
<th>Deaths</th>
<th>Destroyed</th>
<th>Slaughtered</th>
</tr>
</thead>
<tbody>
<tr>
<td>Birds</td>
<td>30859</td>
<td>1647</td>
<td>1647</td>
<td>29212</td>
<td>0</td>
</tr>
</tbody>
</table>

Epidemiology

Epidemiological comments:
Clinical cases were notified from the abattoir with the observation of abnormal mortality. The local disease control center (LDCC) took and sent samples from the abattoir to the national laboratory (AHRI) for diagnosis. Because all the chickens of the index farm were delivered to the abattoir, the original native chicken farm was empty when LDCC traced back to conduct epidemiological investigation. The H5N2 subtype HPAI event was identified at the abattoir according to the results of investigation and laboratory tests (RT-PCR test, HA0 cleavage site sequencing and pathogenicity test).

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

Control Measures

<table>
<thead>
<tr>
<th>Applied Control Measures</th>
<th>To be applied</th>
<th>No Planned Control Measures</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stamping out</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Quarantine</td>
<td></td>
<td></td>
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<tr>
<td>Movement control inside the country</td>
<td></td>
<td></td>
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<tr>
<td>Screening</td>
<td></td>
<td></td>
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<tr>
<td>Zoning</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Disinfection of infected premises/establishment(s)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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>Animal Health Research Institute (AHRI)</td>
<td>Birds</td>
<td>intravenous pathogenicity index (IVPI) test</td>
<td>30/03/2012</td>
<td>Positive</td>
</tr>
<tr>
<td>National laboratory</td>
<td>Animal Health Research Institute (AHRI)</td>
<td>Birds</td>
<td>virus isolation</td>
<td>26/03/2012</td>
<td>Positive</td>
</tr>
<tr>
<td>National laboratory</td>
<td>Animal Health Research Institute (AHRI)</td>
<td>Birds</td>
<td>gene sequencing</td>
<td>19/03/2012</td>
<td>Positive</td>
</tr>
</tbody>
</table>
**Future Reporting**

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

There are 4 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.