## Report Summary

**Name of sender of the report**
Dr Ping-Cheng Yang

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**Report reference**
15-1 HSN2 LPAI REF OIE 17494, Report Date: 22/04/2015, Country : Chinese Taipei

**Date submitted to OIE**
22/04/2015

### Animal type
Terrestrial

### Disease
Low pathogenic avian influenza (poultry)

### Date of start of the event
12/01/2015

### Causal Agent
Low pathogenic avian influenza virus

### Date of confirmation of the event
14/01/2015

### Serotype(s)
H5N2

### Date of last occurrence
2014

### Reason
Reoccurrence of a listed disease

### Diagnosis
Clinical, Laboratory (advanced)

### Country or zone
a zone or compartment

### Clinical signs
Yes

**Number of reported outbreaks**
submitted= 7, Draft= 0

## Outbreak details

### Prefecture/City
TAINAN CITY - (this report - 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>17400</td>
<td></td>
<td></td>
<td>10738</td>
<td>6662</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
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<td></td>
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</tr>
</tbody>
</table>

**Affected Population**
Chickens (tn-3)

### Prefecture/City
PINGTUNG COUNTY - (this report - 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>50940</td>
<td></td>
<td>6300</td>
<td>11660</td>
<td>39280</td>
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<td></td>
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<td></td>
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</tbody>
</table>

**Affected Population**
Chickens (pt-26)

### Prefecture/City
CHIAYI COUNTY - (this report - 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>
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</thead>
<tbody>
<tr>
<td>Birds</td>
<td>Animals</td>
<td>41700</td>
<td></td>
<td>13013</td>
<td>6300</td>
<td>35400</td>
</tr>
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<td></td>
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</table>

**Affected Population**
Chickens (cy-57)

### Prefecture/City
YUNLIN COUNTY - (this report - 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>
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</thead>
<tbody>
<tr>
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<td>Animals</td>
<td>51000</td>
<td></td>
<td>13013</td>
<td>7987</td>
<td>0</td>
</tr>
<tr>
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<td></td>
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<td></td>
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</tbody>
</table>

**Affected Population**
Chickens (yl-314)

### Prefecture/City
TAINAN CITY - (this report - 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>
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</thead>
<tbody>
<tr>
<td>Birds</td>
<td>Animals</td>
<td>12600</td>
<td></td>
<td>2652</td>
<td>9348</td>
<td>0</td>
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<td></td>
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</tbody>
</table>

**Affected Population**
Native chickens (tn-102)
### Prefecture/City

<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>Pingtung County- (this report - submitted)</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>Farm</td>
<td>Chaozhou Township</td>
<td>22.6772</td>
<td>120.555</td>
<td>09/02/2015</td>
<td></td>
</tr>
</tbody>
</table>

### Species

- **Species**: Measuring units, Susceptible, Cases, Deaths, Destroyed, Slaughtered
- **Affected Population**: Native chickens (pt-145)

### District

- **District**: Chaozhou Township
- **Sub-district**: -

### Unit Type

- **Unit Type**: Farm

### Location

- **Location**: -

### Latitude

- **Latitude**: 22.6772

### Longitude

- **Longitude**: 120.555

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### Prefecture/City

<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>Changhua County- (this report - submitted)</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>Farm</td>
<td>Zhutang Township</td>
<td>23.8488</td>
<td>120.433</td>
<td>25/02/2015</td>
<td></td>
</tr>
</tbody>
</table>

### Species

- **Species**: Measuring units, Susceptible, Cases, Deaths, Destroyed, Slaughtered
- **Affected Population**: Native chickens (ch-43)

### District

- **District**: Zhutang Township
- **Sub-district**: -

### Unit Type

- **Unit Type**: Farm

### Location

- **Location**: -

### Latitude

- **Latitude**: 23.8488

### Longitude

- **Longitude**: 120.433

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### Outbreak summary: Total outbreaks = 7 (Submitted)

- **Species**: Susceptible, Cases, Deaths, Destroyed, Slaughtered
- **Affected Population**: Native chickens (pt-145)

### Epidemiology

- **Epidemiological comments**

  Abnormal mortalities were observed in 7 poultry farms in Changhua County, Yunlin County, Chiayi County, Tainan City and Pingtung County. Samples were sent to the national Laboratory, the Animal Health Research Institute (AHRI) for diagnosis. H5N2 subtype low pathogenic avian influenza (LPAI) was confirmed by AHRI. These farms have been put under movement restrictions. The pathogenicity of the virus has been subsequently confirmed by national laboratory as low pathogenic (less than 75% mortality of the tested chickens) on 1st April 2015. All animals on the infected farms have been culled. Thorough cleaning and disinfection have been conducted after stamping out operation. Surrounding poultry farms within 3 km radius of infected farms are under intensified surveillance for 3 months.

### Source of the outbreak(s) or origin of infection

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

### Measures applied

- **Applied**: stamping out, quarantine, movement control inside the country, screening, zoning, disinfection of infected premises/establishment(s)
- **To be applied**: no planned control measures

### 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>Animal Health Research Institute (AHRI)</td>
<td>Birds</td>
<td>gene sequencing</td>
<td>02/03/2015</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>12/02/2015</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>10/02/2015</td>
<td>Positive</td>
</tr>
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<td>National laboratory</td>
<td>Animal Health Research Institute (AHRI)</td>
<td>Birds</td>
<td>gene sequencing</td>
<td>01/02/2015</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>29/01/2015</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>18/01/2015</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>15/01/2015</td>
<td>Positive</td>
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<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>reverse transcription - polymerase chain reaction (RT-PCR)</td>
<td>28/02/2015</td>
<td>Positive</td>
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<tr>
<td>National laboratory</td>
<td>Animal Health Research Institute (AHRI)</td>
<td>Birds</td>
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<td>11/02/2015</td>
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<tr>
<td>National laboratory</td>
<td>Animal Health Research Institute (AHRI)</td>
<td>Birds</td>
<td>reverse transcription - polymerase chain reaction (RT-PCR)</td>
<td>09/02/2015</td>
<td>Positive</td>
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<tr>
<td>National laboratory</td>
<td>Animal Health Research Institute (AHRI)</td>
<td>Birds</td>
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<td>31/01/2015</td>
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<td>National laboratory</td>
<td>Animal Health Research Institute (AHRI)</td>
<td>Birds</td>
<td>reverse transcription - polymerase chain reaction (RT-PCR)</td>
<td>28/01/2015</td>
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<td>Animal Health Research Institute (AHRI)</td>
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<td>National laboratory</td>
<td>Animal Health Research Institute (AHRI)</td>
<td>Birds</td>
<td>reverse transcription - polymerase chain reaction (RT-PCR)</td>
<td>14/01/2015</td>
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</table>

**Future Reporting**

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