Immediate notification report

Report Summary
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Date submitted to OIE: 07/02/2018

Animal type: Terrestrial
Date of report: 06/02/2018

Disease: Highly pathogenic avian influenza
Date of start of the event: 31/01/2018
Causal Agent: Highly pathogenic avian influenza virus
Date of confirmation of the event: 06/02/2018
Serotype(s): H5N8
Date of last occurrence: 11/10/2017
Reason: Recurrence of a listed disease
Diagnosis: Laboratory (basic), Laboratory (advanced)

Country or zone: a zone or compartment
Clinical signs: No

Number of reported outbreaks:
submitted= 1, Draft= 0

Outbreak details

Prefecture/City: PINGTUNG COUNTY-
submission date: (this report - submitted)

Number of outbreaks: 1

District: Farm
Sub-district: Chaozhou Township
Location: 22.51758611, 120.54351944
Latitude: 22.51758611
Longitude: 120.54351944
Start Date: 31/01/2018
End Date: 31/01/2018

Species: Measuring units
Susceptible: 3136
Cases: 0
Deaths: 0
Killed and disposed of: 3136
Slaughtered: 0

Epidemiology

Epidemiological comments:
During active surveillance program, samples collected on Jan. 31, 2018 from one duck farm in Pingtung County were sent to the National Laboratory, Animal Health Research Institute (AHRI) for analysis. Highly pathogenic avian influenza H5N8 subtype was confirmed by AHRI on Feb. 06, 2018. The farm has been placed under movement restriction. All animals in this infected farm have been culled. Thorough cleaning and disinfection have been conducted after stamping out operation. Surrounding poultry farms within a three-kilometer radius of the infected farm are under intensified surveillance for three months.

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

Measures applied:

• movement control inside the country
• surveillance outside containment and/or protection zone
• surveillance within containment and/or protection zone
• quarantine
• official disposal of carcasses, by-products and waste
• stamping out
• disinfection
• ante and post-mortem inspections

Animals treated:
Vaccination Prohibited

Diagnostic test results:

Laboratory Type: National laboratory
Name of Laboratory: Animal Health Research Institute
Species: Birds
Test Type: reverse transcription - polymerase chain reaction (RT-PCR)
Date results provided: 05/02/2018
Result: Positive

Printed on: Wed Feb 7 19:14:52 AST 2018
<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>gene sequencing</td>
<td>06/02/2018</td>
<td>Positive</td>
</tr>
</tbody>
</table>

**Future Reporting**

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