## Report Summary

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**Address**: 9F, No. 100, Sec 2,  
Heping W. Road Taipei 10070

**Report reference**: H5N5 - HPAI, Reference OIE : 32774, Report Date : 03/01/2020, Country : Chinese Taipei

**Date submitted to OIE**: 03/01/2020

### Animal type
- **Terrestrial**

### Date of report
- 03/01/2020

### Disease
- **Highly pathogenic avian influenza**

### Date of start of the event
- 09/09/2019

### Causal Agent
- **Highly pathogenic avian influenza virus**

### Date of confirmation of the event
- 13/09/2019

### Serotype(s)
- **H5N5**

### Diagnosis
- Laboratory (advanced)

### Reason
- New strain of a listed disease in the country

### Clinical signs
- Yes

### Country or zone
- a zone or compartment

### Number of reported outbreaks
- submitted= 5, Draft= 0

## Outbreak details

### Prefecture/City  | Number of outbreaks | District | Sub-district | Unit Type | Location | Latitude | Longitude | Start Date  | End Date  |
--- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
Kaohsiung City-other report - submitted | - | Farm | Qishan District | 22.942797 | 120.512893 | 09/09/2019

<table>
<thead>
<tr>
<th>Species</th>
<th>Measuring units</th>
<th>Susceptible</th>
<th>Cases</th>
<th>Deaths</th>
<th>Killed and disposed of</th>
<th>Slaughtered</th>
</tr>
</thead>
<tbody>
<tr>
<td>Birds</td>
<td>Animals</td>
<td>3583</td>
<td>...</td>
<td>0</td>
<td>3583</td>
<td>0</td>
</tr>
</tbody>
</table>

AFFECTED POPULATION: Meat Ducks (2019-4h-1)

### Prefecture/City  | Number of outbreaks | District | Sub-district | Unit Type | Location | Latitude | Longitude | Start Date  | End Date  |
--- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
Pingtung County-other report - submitted | - | Farm | Jiuru Township | 22.7394444 | 120.5065555 | 28/09/2019

<table>
<thead>
<tr>
<th>Species</th>
<th>Measuring units</th>
<th>Susceptible</th>
<th>Cases</th>
<th>Deaths</th>
<th>Killed and disposed of</th>
<th>Slaughtered</th>
</tr>
</thead>
<tbody>
<tr>
<td>Birds</td>
<td>Animals</td>
<td>18699</td>
<td>775</td>
<td>775</td>
<td>17924</td>
<td>0</td>
</tr>
</tbody>
</table>

AFFECTED POPULATION: Native Chickens (2019-pt-2)

### Prefecture/City  | Number of outbreaks | District | Sub-district | Unit Type | Location | Latitude | Longitude | Start Date  | End Date  |
--- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
Taipei City-other report - submitted | - | Slaughterhouse | Wanhua District | 25.03067 | 121.48937 | 10/11/2019

<table>
<thead>
<tr>
<th>Species</th>
<th>Measuring units</th>
<th>Susceptible</th>
<th>Cases</th>
<th>Deaths</th>
<th>Killed and disposed of</th>
<th>Slaughtered</th>
</tr>
</thead>
<tbody>
<tr>
<td>Birds</td>
<td>Animals</td>
<td>10</td>
<td>1</td>
<td>0</td>
<td>10</td>
<td>0</td>
</tr>
</tbody>
</table>

AFFECTED POPULATION: Native Chickens (2019-tp-1)

### Prefecture/City  | Number of outbreaks | District | Sub-district | Unit Type | Location | Latitude | Longitude | Start Date  | End Date  |
--- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
Pingtung County- (this report - submitted) | - | Farm | Yanpu Township | 22.73075 | 120.53041667 | 12/12/2019

<table>
<thead>
<tr>
<th>Species</th>
<th>Measuring units</th>
<th>Susceptible</th>
<th>Cases</th>
<th>Deaths</th>
<th>Killed and disposed of</th>
<th>Slaughtered</th>
</tr>
</thead>
<tbody>
<tr>
<td>Birds</td>
<td>Animals</td>
<td>18018</td>
<td>1708</td>
<td>1708</td>
<td>16310</td>
<td>0</td>
</tr>
</tbody>
</table>

AFFECTED POPULATION: Native chickens (2019-tp-3)

### Prefecture/City  | Number of outbreaks | District | Sub-district | Unit Type | Location | Latitude | Longitude | Start Date  | End Date  |
--- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
Taipei City- (this report - submitted) | - | Slaughterhouse | Wanhua District | 25.03067 | 121.48937 | 15/12/2019

<table>
<thead>
<tr>
<th>Species</th>
<th>Measuring units</th>
<th>Susceptible</th>
<th>Cases</th>
<th>Deaths</th>
<th>Killed and disposed of</th>
<th>Slaughtered</th>
</tr>
</thead>
<tbody>
<tr>
<td>Birds</td>
<td>Animals</td>
<td>10</td>
<td>1</td>
<td>0</td>
<td>10</td>
<td>0</td>
</tr>
</tbody>
</table>

AFFECTED POPULATION: Native chickens (2019-tp-2)
Outbreak summary: Total outbreaks = 5 (Submitted)

Species | Susceptible | Cases | Deaths | Killed and disposed of | Slaughtered
------- | ----------- | ----- | ------ | ------------------- | -------
Birds   | 40320       | 2485  | 2483   | 37837               | 0       

Epidemiology

Epidemiological comments
The infected animals in the farm in Pingtung County were noticed with clinical signs and samples were sent by the Local Animal Disease Inspection Authority (LADIA) to the National Laboratory, Animal Health Research Institute (AHRI) for diagnosis. H5N5 subtype HPAI was confirmed by AHRI. The infected farm has been placed under movement restriction. All animals on the infected farm have been culled. Thorough cleaning and disinfection have been conducted after stamping out operation. Surrounding poultry farms within 3 kilometers radius of the infected farm are under intensified surveillance for three months.

Suspected signs were observed in poultry carcasses during post-mortem inspection in one abattoir in Taipei City. Samples were sent to the AHRI for diagnosis. H5N5 subtype HPAI was confirmed by the AHRI. The carcasses were destroyed and thorough cleaning and disinfection have been conducted in the abattoir. After tracing back to the farm of origin, any positive results will be included in follow-up reports.

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

Measures applied

<table>
<thead>
<tr>
<th>Applied</th>
<th>To be applied</th>
</tr>
</thead>
<tbody>
<tr>
<td>• movement control inside the country</td>
<td>• no planned control measures</td>
</tr>
<tr>
<td>• surveillance outside containment and/or protection zone</td>
<td></td>
</tr>
<tr>
<td>• surveillance within containment and/or protection zone</td>
<td></td>
</tr>
<tr>
<td>• traceability</td>
<td></td>
</tr>
<tr>
<td>• quarantine</td>
<td></td>
</tr>
<tr>
<td>• stamping out</td>
<td></td>
</tr>
<tr>
<td>• zoning</td>
<td></td>
</tr>
<tr>
<td>• disinfection</td>
<td></td>
</tr>
</tbody>
</table>

Animals treated

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>17/12/2019</td>
<td>Positive</td>
</tr>
<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>16/12/2019</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>15/12/2019</td>
<td>Positive</td>
</tr>
<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>14/12/2019</td>
<td>Positive</td>
</tr>
</tbody>
</table>

Future Reporting

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

Follow-up report No.: 3, Report reference: H5N5 - HPAI, OIE Ref: 32774, Report Date: 03/01/2020, Country: Chinese Taipei
Outbreak maps