Immediate notification report

Report Summary

Disease | Highly pathogenic avian influenza
Animal type | Terrestrial
Causal Agent | Highly pathogenic avian influenza virus
Serotype(s) | H5N1
Clinical Signs | Yes
Reason | Recurrence of a listed disease
Date of first confirmation of the event | 19/12/2011
Date of Start of Event | 13/12/2011
Date of report | 19/12/2011
Date of report | 19/12/2011
Diagnosis | Laboratory (advanced)
Date Of Last Occurrence | 01/03/2011
Number Of Reported Outbreaks | Submitted= 1, Draft= 0
Name of Sender of the report | Dr Thomas Sit
Address | 7/F Cheung Sha Wan Government Offices, 303 Cheung Sha Wan Road, Kowloon Hong Kong
Position | Chief Veterinary Officer / Assistant Director (Inspection & Quarantine)
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Email | thcsit@afcd.gov.hk
Entered by | Dr Thomas Sit

Outbreak (this report - submitted)

Province | District | Unit Type | Location | Latitude | Longitude | Start date | End Date
---|---|---|---|---|---|---|---
HONG KONG | Yuen Long | Not applicable | 7 Tai Yuk Road | 22.44292 | 114.02638 | 13/12/2011 | 13/12/2011

Species | Measuring units | Susceptible | Cases | Deaths | Destroyed | Slaughtered
---|---|---|---|---|---|---
Wild species | Animals | | | | | |

Affected Population

A Black-headed Gull (Chroicocephalus ridibundus) was collected on 13 December 2011 at 7 Tai Yuk Road, Yuen Long. The Black-headed Gull is a common winter visitor in Hong Kong.

Outbreak summary: Total outbreaks = 1 (Submitted)

Epidemiology

Epidemiological comments

An intensive surveillance system is in place for all poultry farms, poultry markets, pet bird shops in Hong Kong. The H5N1 infected wild bird was detected in the framework of the ongoing surveillance program on wild birds. No spread of disease was evident. As this was a wild bird case, the date of event ended is the same as the date the bird was found (i.e. 13 December 2011).

Important note by the OIE Animal Health Information Department: According to Chapter 10.4 on avian influenza of the OIE Terrestrial Animal Health Code (2011), the notification of this outbreak does not change the HPAI free status of Hong Kong and should not affect trade of poultry and their products since the bird involved in this outbreak do not fall within the OIE definition of poultry.

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

### Control Measures

<table>
<thead>
<tr>
<th>Applied</th>
<th>To be applied</th>
</tr>
</thead>
<tbody>
<tr>
<td>Screening</td>
<td>No Planned Control Measures</td>
</tr>
<tr>
<td>Disinfection of infected premises/establishment(s)</td>
<td>Vaccination Prohibited No</td>
</tr>
</tbody>
</table>

#### Animals treated

No

### Country / Zone

<table>
<thead>
<tr>
<th>Country or zone</th>
</tr>
</thead>
<tbody>
<tr>
<td>the whole country</td>
</tr>
</tbody>
</table>

### 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>Tai Lung Veterinary Laboratory, Agriculture, Fisheries &amp; Conservation Department</td>
<td>Wild species</td>
<td>Immunohistochemical test</td>
<td>15/12/2011</td>
<td>Positive</td>
</tr>
<tr>
<td>National laboratory</td>
<td>Tai Lung Veterinary Laboratory, Agriculture, Fisheries &amp; Conservation Department</td>
<td>Wild species</td>
<td>polymerase chain reaction (PCR)</td>
<td>15/12/2011</td>
<td>Positive</td>
</tr>
<tr>
<td>National laboratory</td>
<td>Tai Lung Veterinary Laboratory, Agriculture, Fisheries &amp; Conservation Department</td>
<td>Wild species</td>
<td>virus isolation</td>
<td>19/12/2011</td>
<td>Positive</td>
</tr>
<tr>
<td>Regional Reference Laboratory</td>
<td>Department of Microbiology, the University of Hong Kong</td>
<td>Wild species</td>
<td>gene sequencing</td>
<td>Pending</td>
<td></td>
</tr>
</tbody>
</table>

### Future Reporting

What further reports will be submitted in relation to this event? The event is resolved. No more reports will be submitted.
Outbreak maps