## Report Summary

**Disease**
Highly pathogenic avian influenza

**Animal type**
Terrestrial

**Causal Agent**
Highly pathogenic avian influenza virus

**Serotype(s)**
H5N1

**Clinical Signs**
Yes

**Reason**
Reoccurrence of a listed disease

**Date of first confirmation of the event**
20/12/2011

**Date of report**
09/02/2012

**Date of Start of Event**
17/12/2011

**Date submitted to OIE**
10/02/2012

**Date of Last Occurrence**
13/12/2011

**Number of Reported Outbreaks**
Submitted= 12, 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

**Telephone**
852 2150 6602

**Fax**
852 2199 7050

**Email**
thcsit@afcd.gov.hk

**Entered by**
Dr Thomas Sit

## Outbreak (other report - submitted)

### Province
HONG KONG

### District
Tin Shui Wai

### Unit Type
Not applicable

### Location
5 Tin Wu Road

### Latitude
22.45353

### Longitude
114.002912

### Start date
17/12/2011

### End Date
17/12/2011

### Species
Wild species

### Measuring units
Animals

### Susceptible
1

### Cases
1

### Deaths
1

### Destroyed
0

### Slaughtered
0

### Affected Population
An Oriental Magpie Robin (Copsychus saularis) was collected on 17 December 2011 at Tin Shui Wai. The Oriental Magpie Robin is a common local resident in Hong Kong.

### Outbreak (other report - submitted)

### Province
HONG KONG

### District
Cheung Sha Wan

### Unit Type
Not applicable

### Location
4 Hing Wah Street

### Latitude
22.343783

### Longitude
114.154917

### Start date
20/12/2011

### End Date

### Species
Birds

### Measuring units
Animals

### Susceptible
19452

### Cases
1

### Deaths
1

### Destroyed
19451

### Slaughtered
0

### Affected Population
A chicken carcass tested positive for highly pathogenic H5N1 avian influenza virus during regular surveillance on 20 December 2011.

### Outbreak (other report - submitted)

### Province
HONG KONG

### District
Tuen Mun

### Unit Type
Not applicable

### Location
133 Lung Mun Road

### Latitude
22.367506

### Longitude
113.9239303

### Start date
30/12/2011

### End Date
30/12/2011

### Species
Wild species

### Measuring units
Animals

### Susceptible
1

### Cases
1

### Deaths
1

### Destroyed
0

### Slaughtered
0
Affected Population

A black-headed gull (Chroicocephalus ridibundus) was collected on 30 December 2011 at Tuen Mun. The black-headed gull is a common winter visitor in Hong Kong.

### Outbreak (other report - submitted)

<table>
<thead>
<tr>
<th>Province</th>
<th>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>HONG KONG</td>
<td>Lantau</td>
<td>Not applicable</td>
<td>Sha Lo Wan Soccer Pitch</td>
<td>22.287985</td>
<td>113.902082</td>
<td>01/01/2012</td>
<td>01/01/2012</td>
</tr>
</tbody>
</table>

**Species**

<table>
<thead>
<tr>
<th>Measuring units</th>
<th>Susceptible</th>
<th>Cases</th>
<th>Deaths</th>
<th>Destroyed</th>
<th>Slaughtered</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wild species</td>
<td>Animals</td>
<td>...</td>
<td>1</td>
<td>1</td>
<td>0</td>
</tr>
</tbody>
</table>

**Affected Population**

A black-headed gull (Chroicocephalus ridibundus) was collected on 01 January 2012 at Lantau. The black-headed gull is a common winter visitor in Hong Kong.

### Outbreak (other report - submitted)

<table>
<thead>
<tr>
<th>Province</th>
<th>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>HONG KONG</td>
<td>Yuen Long</td>
<td>Not applicable</td>
<td>Lot 1520RP, DD123, Nam Sang Wai</td>
<td>22.468873</td>
<td>114.031082</td>
<td>12/01/2012</td>
<td>12/01/2012</td>
</tr>
</tbody>
</table>

**Species**

<table>
<thead>
<tr>
<th>Measuring units</th>
<th>Susceptible</th>
<th>Cases</th>
<th>Deaths</th>
<th>Destroyed</th>
<th>Slaughtered</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wild species</td>
<td>Animals</td>
<td>...</td>
<td>1</td>
<td>1</td>
<td>0</td>
</tr>
</tbody>
</table>

**Affected Population**

A little egret (Egretta garzetta) was collected on 12 January 2012 at Yuen Long. The little egret is a common resident in Hong Kong.

### Outbreak (other report - submitted)

<table>
<thead>
<tr>
<th>Province</th>
<th>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>HONG KONG</td>
<td>Sham Tsengon</td>
<td>Not applicable</td>
<td>13 milestone, Castle Peak Road</td>
<td>22.36547</td>
<td>114.05719</td>
<td>20/01/2012</td>
<td>20/01/2012</td>
</tr>
</tbody>
</table>

**Species**

<table>
<thead>
<tr>
<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>...</td>
<td>1</td>
<td>1</td>
<td>0</td>
</tr>
</tbody>
</table>

**Affected Population**

A goose carcass from unknown source was collected on 20 January 2012 at Anglers’ Beach of Sham Tsengon. The carcass was badly decomposed at the time of collection.

### Outbreak (other report - submitted)

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<th>Start date</th>
<th>End Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>HONG KONG</td>
<td>Yuen Long</td>
<td>Not applicable</td>
<td>Chun Yim Square Playground</td>
<td>22.466875</td>
<td>114.023804</td>
<td>30/01/2012</td>
<td>30/01/2012</td>
</tr>
</tbody>
</table>

**Species**

<table>
<thead>
<tr>
<th>Measuring units</th>
<th>Susceptible</th>
<th>Cases</th>
<th>Deaths</th>
<th>Destroyed</th>
<th>Slaughtered</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wild species</td>
<td>Animals</td>
<td>...</td>
<td>1</td>
<td>1</td>
<td>0</td>
</tr>
</tbody>
</table>

**Affected Population**

A black-headed gull (Chroicocephalus ridibundus) was collected on 30 January 2012 at Yuen Long. The black-headed gull is a common winter visitor in Hong Kong.

### Outbreak (this report - submitted)

<table>
<thead>
<tr>
<th>Province</th>
<th>District</th>
<th>Unit Type</th>
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<th>Latitude</th>
<th>Longitude</th>
<th>Start date</th>
<th>End Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>HONG KONG</td>
<td>Tuen Mun</td>
<td>Not applicable</td>
<td>Yau Oi Estate</td>
<td>22.389502</td>
<td>113.973954</td>
<td>30/01/2012</td>
<td>30/01/2012</td>
</tr>
</tbody>
</table>

**Species**

<table>
<thead>
<tr>
<th>Measuring units</th>
<th>Susceptible</th>
<th>Cases</th>
<th>Deaths</th>
<th>Destroyed</th>
<th>Slaughtered</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wild species</td>
<td>Animals</td>
<td>...</td>
<td>1</td>
<td>1</td>
<td>0</td>
</tr>
</tbody>
</table>

**Affected Population**

An Oriental Magpie Robin (Copsychus saularis) was collected on 30 January 2012 at Tuen Mun. The Oriental Magpie Robin is a common local resident in Hong Kong.
A peregrine falcon (Falco peregrinus calidus) was collected on 30 January 2012 at Tung Chung. The peregrine falcon is a rare winter visitor in Hong Kong.

A little egret (Egretta garzetta) was collected on 6 February 2012 at Tuen Mun. The little egret is a common resident in Hong Kong.

A little egret (Egretta garzetta) was collected on 7 February 2012 at Tuen Mun. The little egret is a common resident in Hong Kong.

A Grey Heron (Ardea cinerea) was collected on 8 February 2012 at Yuen Long. The Grey Heron is a common winter visitor in Hong Kong.

Surveillance and monitoring of local chicken farms has been stepped up. No H5 virus was detected in samples taken from the 30 chicken farms in Hong Kong. The Wholesale Poultry Market was reopened on 12 January 2012.

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>
<th>Vaccination Prohibited</th>
</tr>
</thead>
<tbody>
<tr>
<td>- Stamping out</td>
<td>- No Planned Control Measures</td>
<td>No</td>
</tr>
<tr>
<td>- Quarantine</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- Movement control inside the country</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- Screening</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- Zoning</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- Disinfection of infected premises/establishment(s)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>- Dipping / Spraying</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>Regional Reference Laboratory</td>
<td>Department of Microbiology, University of Hong Kong</td>
<td>Wild species</td>
<td>gene sequencing</td>
<td>08/02/2012</td>
<td>Positive</td>
</tr>
<tr>
<td>Regional Reference Laboratory</td>
<td>Department of Microbiology, University of Hong Kong</td>
<td>Wild species</td>
<td>gene sequencing</td>
<td>08/02/2012</td>
<td>Positive</td>
</tr>
<tr>
<td>Regional Reference Laboratory</td>
<td>Centre of Influenza Research, School of Public Health, University of Hong Kong</td>
<td>Wild species</td>
<td>gene sequencing</td>
<td>Pending</td>
<td></td>
</tr>
<tr>
<td>Regional Reference Laboratory</td>
<td>Centre of Influenza Research, School of Public Health, University of Hong Kong</td>
<td>Wild species</td>
<td>gene sequencing</td>
<td>Pending</td>
<td></td>
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<td>Wild species</td>
<td>gene sequencing</td>
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<td>Pending</td>
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<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>Pending</td>
<td></td>
</tr>
<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>10/02/2012</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>10/02/2012</td>
<td>Positive</td>
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<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>Pending</td>
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<td>Positive</td>
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</table>

Future Reporting

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

There are 1 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.