

## Follow-up report No.: 3

Report reference: , OIE Ref: 11478, Report Date: 12/01/2012, Country: Hong Kong (SAR - PRC)

### Report Summary

|  |   |                                     |   |
|--|---|-------------------------------------|---|
| <b>Disease</b>                                 | Highly pathogenic avian influenza   | <b>Animal type</b>                  | Terrestrial   |
| <b>Causal Agent</b>                            | Highly pathogenic avian influenza virus   | <b>Serotype(s)</b>                  | H5N1  |
| <b>Clinical Signs</b>                          | Yes   | <b>Reason</b>                       | Reoccurrence of a listed disease  |
| <b>Date of first confirmation of the event</b> | 20/12/2011  | <b>Date of Start of Event</b>       | 17/12/2011  |
| <b>Date of report</b>                          | 12/01/2012  | <b>Date Submitted To OIE</b>        | 13/01/2012  |
| <b>Diagnosis</b>                               | Laboratory (advanced)   | <b>Date Of Last Occurrence</b>      | 13/12/2011  |
| <b>Number Of Reported Outbreaks</b>            | Submitted= 4, Draft= 0  | <b>Name of Sender of the report</b> | Dr Thomas Sit   |
| <b>Address</b>                                 | 7/F Cheung Sha Wan Government Offices, 303 Cheung Sha Wan Road, Kowloon Hong Kong | <b>Position</b>                     | Chief Veterinary Officer / Assistant Director (Inspection & Quarantine) |
| <b>Telephone</b>                               | 852 2150 6602   | <b>Fax</b>                          | 852 2199 7050   |
| <b>Email</b>                                   | thcsit@afcd.gov.hk  | <b>Entered by</b>                   | Dr Thomas Sit   |

### Outbreak (other report - submitted)

| Province   | District        | Unit Type      | Location      | Latitude  | Longitude  | Start date  | End Date   |
|--|-----------------|----------------|---------------|-----------|------------|-------------|------------|
| HONG KONG  | Tin Shui Wai    | Not applicable | 5 Tin Wu Road | 22,453353 | 114,002912 | 17/12/2011  | 17/12/2011 |
| Species  | Measuring units | Susceptible    | Cases         | Deaths    | Destroyed  | Slaughtered |            |
| Wild species   | Animals         | ...            | 1             | 1         | 0          | 0           |            |
| <b>Affected Population</b>   |                 |                |               |           |            |             |            |
| An Oriental Magpie Robin ( <i>Copsychus saularis</i> ) 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  | District        | Unit Type      | Location          | Latitude  | Longitude  | Start date  | End Date |
|---|-----------------|----------------|-------------------|-----------|------------|-------------|----------|
| HONG KONG   | Cheung Sha Wan  | Not applicable | 4 Hing Wah Street | 22,343783 | 114,154917 | 20/12/2011  |          |
| Species   | Measuring units | Susceptible    | Cases             | Deaths    | Destroyed  | Slaughtered |          |
| Birds   | Animals         | 19452          | 1                 | 1         | 19451      | 0           |          |
| <b>Affected Population</b>  |                 |                |                   |           |            |             |          |
| A chicken carcass tested positive for highly pathogenic H5N1 avian influenza virus during regular surveillance on 20 December 2011. |                 |                |                   |           |            |             |          |

### Outbreak (other report - submitted)

| Province     | District        | Unit Type      | Location          | Latitude  | Longitude  | Start date  | End Date   |
|--------------|-----------------|----------------|-------------------|-----------|------------|-------------|------------|
| HONG KONG    | Tuen Mun        | Not applicable | 133 Lung Mun Road | 22,367506 | 113,929303 | 30/12/2011  | 30/12/2011 |
| Species      | Measuring units | Susceptible    | Cases             | Deaths    | Destroyed  | Slaughtered |            |
| Wild species | Animals         | ...            | 1                 | 1         | 0          | 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)**

| Province     | District        | Unit Type      | Location                | Latitude  | Longitude  | Start date  | End Date   |
|--------------|-----------------|----------------|-------------------------|-----------|------------|-------------|------------|
| HONG KONG    | Lantau          | Not applicable | Sha Lo Wan Soccer Pitch | 22,287858 | 113,902082 | 01/01/2012  | 01/01/2012 |
| Species      | Measuring units | Susceptible    | Cases                   | Deaths    | Destroyed  | Slaughtered |            |
| Wild species | Animals         | ...            | 1                       | 1         | 0          | 0           |            |

**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 summary: Total outbreaks = 4 (Submitted)**

| Species      | Susceptible | Cases | Deaths | Destroyed | Slaughtered |
|--------------|-------------|-------|--------|-----------|-------------|
| Wild species |             | 3     | 3      | 0         | 0           |
| Birds        | 19452       | 1     | 1      | 19451     | 0           |

**Epidemiology**

**Epidemiological comments**  
 An intensive surveillance system is in place for all poultry farms, poultry markets and pet bird shops in Hong Kong. The H5N1 infected wild birds were detected in ongoing surveillance programme on wild birds. The dates of the outbreaks concerning wild birds ended are the same as the dates the birds were collected (i.e. 17 December 2011, 30 December 2011 & 01 January 2012 respectively).  
 A total of 19,451 poultry, including 15,569 chickens, 810 pigeons, 1,950 pheasants and 1,122 silky fowls were culled in the Cheung Sha Wan Temporary Wholesale Poultry Market on 21 December 2011. The Wholesale Poultry Market was closed. Importation of live poultry and movement of poultry in local farms is banned for 21 days.  
 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**

|                        |  |                               |                               |
|------------------------|--|-------------------------------|-------------------------------|
| <b>Applied</b>         | <ul style="list-style-type: none"> <li>• Stamping out</li> <li>• Quarantine</li> <li>• Movement control inside the country</li> <li>• Screening</li> <li>• Zoning</li> <li>• Disinfection of infected premises/establishment(s)</li> <li>• Dipping / Spraying</li> </ul> | <b>To be applied</b>          | • No Planned Control Measures |
|                        |  | <b>Vaccination Prohibited</b> | No                            |
| <b>Animals treated</b> | No   |                               |                               |

**Country / Zone**

**Country or zone** the whole country

## Diagnostic test results

| Laboratory Type               | Name of Laboratory                                  | Species      | Test Type       | Date Results Provided | Result   |
|-------------------------------|---|--------------|-----------------|-----------------------|----------|
| Regional Reference Laboratory | Department of Microbiology, University of Hong Kong | Wild species | gene sequencing | 11/01/2012            | Positive |

## 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.

## Outbreak maps

