

## Follow-up report No.: 3

Report reference: , OIE Ref: 10224, Report Date: 07/02/2011, 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>	19/01/2011	<b>Date of Start of Event</b>	17/01/2011
<b>Date of report</b>	07/02/2011	<b>Date Submitted To OIE</b>	11/02/2011
<b>Diagnosis</b>	Laboratory (advanced)	<b>Date Of Last Occurrence</b>	18/12/2010
<b>Number Of Reported Outbreaks</b>	Submitted= 6, 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	Yuen Long	Not applicable	Fairview Park	22,478058	114,046247	17/01/2011	17/01/2011
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Wild species	Animals	...	1	1	0	0	

#### Affected Population

An Oriental Magpie Robin (*Copsychus saularis*) was collected on 17 January 2011 at the Fairview Park. Oriental Magpie Robin is a common and widespread resident in Hong Kong.

### Outbreak (other report - submitted)

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
HONG KONG	Lantau Island	Not applicable	Tai O	22,258305	113,863918	18/01/2011	18/01/2011
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Wild species	Animals	...	1	1	0	0	

#### Affected Population

A Large-billed Crow (*Corvus macrorhynchos*) carcass was collected on 18 January 2011 at Tai O. Large-billed Crow is a common and widespread resident in Hong Kong.

### Outbreak (other report - submitted)

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
HONG KONG	Lantau Island	Not applicable	South Perimeter Road	22,304322	113,898322	24/01/2011	24/01/2011
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Wild species	Animals	...	1	1	0	0	

**Affected Population**

A Black-headed Gull (*Chroicocephalus ridibundus*) carcass was collected on 24 January 2011 at South Perimeter Road. The bird is a common winter visitor (November to April) in Hong Kong.

**Outbreak (other report - submitted)**

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
HONG KONG	Lantau Island	Not applicable	Tai O	22,25846	113,86325	25/01/2011	25/01/2011
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	...	1	1	0	0	

**Affected Population**

A chicken carcass from unknown source was collected on 25 January 2011 at the shore of Tai O. The carcass was badly decomposed at the time of collection.

**Outbreak (other report - submitted)**

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
HONG KONG	Lantau Island	Not applicable	Tai O	22,407649	113,96912	28/01/2011	28/01/2011
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	...	2	2	0	0	

**Affected Population**

Two chicken carcasses from unknown source were collected on 28 January 2011 at the shore of Tai O. The carcasses were in an advanced state of decomposition at the time of collection.

**Outbreak (this report - submitted)**

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
HONG KONG	Lantau Island	Not applicable	Tai O	22,259716	113,863142	03/02/2011	03/02/2011
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	...	1	1	0	0	

**Affected Population**

A duck carcass from unknown source was collected on 3 February 2011 at the shore of Tai O. The carcass was badly decomposed at the time of collection.

**Outbreak summary: Total outbreaks = 6 (Submitted)**

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Wild species		3	3	0	0
Birds		4	4	0	0

**Epidemiology****Epidemiological comments**

An intensive surveillance system is in place for all poultry farms, poultry markets, pet bird shops, park birds and wild birds in Hong Kong.

Since February 2006, the HKSAR Government has banned backyard poultry farming and daily rural patrols throughout the territory have been put in place since then; this activity has been enhanced since the occurrence of the event. No poultry farm or backyard poultry farming activities were detected within the 3-km-radius affected zones. The monitoring on local poultry farms was also enhanced and no irregularity was detected.

The HKSAR government will continue to monitor the situation including wild bird surveillance and local poultry farm monitoring.

No spread of disease was evident.

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

## Control Measures

<b>Applied</b>	• Screening • Disinfection of infected premises/establishment(s)	<b>To be applied</b>		• No Planned Control Measures
		<b>Vaccination Prohibited</b>	No	
<b>Animals treated</b>	No			

## Country / Zone

<b>Country or zone</b>	the whole country
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## Diagnostic test results

Laboratory Type	Name of Laboratory	Species	Test Type	Date Results Provided	Result
Regional Reference Laboratory	Department of Microbiology, The University of Hong Kong	Birds	gene sequencing		Pending
National laboratory	Tai Lung Veterinary Laboratory, Agriculture, Fisheries and Conservation Department	Birds	virus isolation	07/02/2011	Positive
Regional Reference Laboratory	Department of Microbiology, The University of Hong Kong	Birds	gene sequencing	09/02/2011	Positive
Regional Reference Laboratory	Department of Microbiology, The University of Hong Kong	Birds	gene sequencing	02/02/2011	Positive

## Future Reporting

<b>What further reports will be submitted in relation to this event?</b>
There are 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

