

Follow-up report No.: 4

Report reference: , OIE Ref: 10289, Report Date: 04/03/2011, Country: Hong Kong (SAR - PRC)

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	19/01/2011	Date of Start of Event	17/01/2011
Date of report	04/03/2011	Date Submitted To OIE	04/03/2011
Diagnosis	Laboratory (advanced)	Date Of Last Occurrence	18/12/2010
Number Of Reported Outbreaks	Submitted= 7, Draft= 0	Name of Sender of the report	Dr Thomas Sit
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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 (other 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 (this report - submitted)

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
HONG KONG	Lantau Island	Not applicable	Sham Shek Tsuen	22,28221	113,89404	01/03/2011	01/03/2011
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Birds	Animals	...	1	1	0	0	

Affected Population

A goose carcass from unknown source was collected on 1 March 2011 at the shore of Sham Shek Tsuen. The carcass was badly decomposed at the time of collection.

Outbreak summary: Total outbreaks = 7 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Wild species		3	3	0	0
Birds		5	5	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

Applied	• Screening • Disinfection of infected premises/establishment(s)	To be applied	• No Planned Control Measures
Animals treated	No	Vaccination Prohibited	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	Birds	gene sequencing		Pending
National laboratory	Tai Lung Veterinary Laboratory, Agriculture, Fisheries and Conservation Department	Birds	virus isolation	04/03/2011	Positive
National laboratory	Tai Lung Veterinary Laboratory, Agriculture, Fisheries and Conservation Department	Birds	polymerase chain reaction (PCR)	04/03/2011	Positive

Future Reporting

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

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

