

Follow-up report No.: 4

Report reference: , OIE Ref: 11500, Report Date: 20/01/2012, 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	20/12/2011	Date of Start of Event	17/12/2011
Date of report	20/01/2012	Date Submitted To OIE	20/01/2012
Diagnosis	Laboratory (advanced)	Date Of Last Occurrence	13/12/2011
Number Of Reported Outbreaks	Submitted= 5, 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	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	
Affected Population							
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	
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	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 (this report - submitted)

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
HONG KONG	Yuen Long	Not applicable	Lot 1520RP, DD123, Nam Sang Wai	22,468873	114,031082	12/01/2012	12/01/2012
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Wild species	Animals	...	1	1	0	0	

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 summary: Total outbreaks = 5 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Wild species		4	4	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, 1 January 2012 and 12 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

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

	• Dipping / Spraying
Animals treated	No

Country / Zone

Country or zone	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, University of Hong Kong	Wild species	gene sequencing	20/01/2012	Positive
National laboratory	Tai Lung Veterinary Laboratory, Agriculture, Fisheries & Conservation Department	Wild species	virus isolation	17/01/2012	Positive
National laboratory	Tai Lung Veterinary Laboratory	Wild species	immunohistochemical test	14/01/2012	Positive
National laboratory	Tai Lung Veterinary Laboratory	Wild species	polymerase chain reaction (PCR)	14/01/2012	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

