

# Immediate notification report

Report reference: , Ref OIE: 7790, Report Date: 13/02/2009 , Country: Hong Kong (P.R. China)

## 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>	No	<b>Reason</b>	Reoccurrence of a listed disease
<b>Date of first confirmation of the event</b>	31/01/2009	<b>Date of Start of Event</b>	29/01/2009
<b>Date of report</b>	13/02/2009	<b>Date Submitted To OIE</b>	13/02/2009
<b>Diagnosis</b>	Laboratory (advanced)	<b>Date Of Last Occurrence</b>	01/2009
<b>Number Of Reported Outbreaks</b>	Submitted= 10, Draft= 0, Deleted= 0	<b>Name of Sender of the report</b>	Dr Thomas Sit
<b>Address</b>	Government Offices, 303 Cheung Sha Wan Road, Kowloon Hon Kong	<b>Position</b>	Assistant Director
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<b>Email</b>	thcsit@afcd.gov.hk	<b>Entered by</b>	Dr Thomas Sit

## Outbreak (this report - submitted)

Province	Unit Type	Location	Latitude	Longitude	Start date	End Date
HONG KONG	Village	Sha Lo Wan	22,16	113,53	29/01/2009	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	Animals	...	2	2	...	...
<b>Affected Population</b>		1 goose and 1 duck at the coast				

## Outbreak (this report - submitted)

Province	Unit Type	Location	Latitude	Longitude	Start date	End Date
HONG KONG	Village	Sha Lo Wan	22,17	113,54	31/01/2009	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	Animals	...	1	1	...	...
<b>Affected Population</b>		a duck at the coast				

## Outbreak (this report - submitted)

Province	Unit Type	Location	Latitude	Longitude	Start date	End Date
HONG KONG	Village	Sham Wat Wan	22,16	113,53	02/02/2009	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	Animals	...	2	2	...	...

<b>Affected Population</b>	a chicken and a duck at the coast
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### Outbreak (this report - submitted)

Province	Unit Type	Location	Latitude	Longitude	Start date	End Date
HONG KONG	Village	Sha Lo Wan	22,17	113,54	02/02/2009	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	Animals	...	1	1	...	...
<b>Affected Population</b>	a chicken at the coast					

### Outbreak (this report - submitted)

Province	Unit Type	Location	Latitude	Longitude	Start date	End Date
HONG KONG	Not applicable	Mai Po	22,29	114,2	02/02/2009	02/02/2009
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Wild species	Animals	...	1	1	...	...
<b>Affected Population</b>	a grey heron at a nature reserve.					
	The grey heron is a common winter visitor found in Hong Kong.					

### Outbreak (this report - submitted)

Province	Unit Type	Location	Latitude	Longitude	Start date	End Date
HONG KONG	Village	San Shek Wan	22,16	113,53	03/02/2009	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	Animals	...	1	1	...	...
<b>Affected Population</b>	a duck at the coast					

### Outbreak (this report - submitted)

Province	Unit Type	Location	Latitude	Longitude	Start date	End Date
HONG KONG	Not applicable	Yau Kam Tau	22,22	114,5	03/02/2009	03/02/2009
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Wild species	Animals	...	1	1	...	...
<b>Affected Population</b>	a peregrine falcon at the coast.					
	The peregrine falcon is a scarce resident and winter visitor found in Hong Kong.					

### Outbreak (this report - submitted)

Province	Unit Type	Location	Latitude	Longitude	Start date	End Date
HONG KONG	Village	Butterfly Beach, Tuen Mun	22,41	113,95	03/02/2009	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	Animals	...	1	1	...	...

<b>Affected Population</b>	a chicken at the coast
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### Outbreak (this report - submitted)

Province	Unit Type	Location	Latitude	Longitude	Start date	End Date
HONG KONG	Not applicable	Lantau Island	22,17	113,56	03/02/2009	03/02/2009
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Wild species	Animals	...	1	1	...	...
<b>Affected Population</b>						
a large-billed crow in a park.						
The large-billed crow is a common species found in Hong Kong.						

### Outbreak (this report - submitted)

Province	Unit Type	Location	Latitude	Longitude	Start date	End Date
HONG KONG	Village	Tai O	22,15	113,51	04/02/2009	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	Animals	...	1	1	...	...
<b>Affected Population</b>						
a chicken at the coast						

### Outbreak summary: Total outbreaks = 10 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds		9	9		
Wild species		3	3		

### Epidemiology

<b>Epidemiological comments</b>	
<p>An intensive surveillance system is in place on all poultry farms, poultry markets, pet bird shops, park birds and wild birds in Hong Kong.</p> <p>Poultry carcasses from unknown sources were detected along the western coast of Hong Kong since 29 January 2009. Most of the carcasses were badly decomposed at the time of collection and sampling.</p> <p>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. Investigations on the source of the poultry are ongoing.</p> <p>The three H5N1 positive wild birds were detected in our ongoing surveillance program on wild birds. No spread of disease was evident.</p> <p>The affected Mai Po nature reserve is closed for 21 days from 5 February 2009.</p>	
<b>Source of the outbreak(s) or origin of infection</b>	• Unknown or inconclusive

### Control Measures

<b>Applied</b>	• Screening	<b>To be applied</b>	• No Planned Control Measures
	• Disinfection of infected premises/establishment(s)	<b>Vaccination Prohibited</b>	No
<b>Animals treated</b>	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
National laboratory	Department of Microbiology, University de Hong Kong	Birds	gene sequencing		Pending
National laboratory	Department of Microbiology, University de Hong Kong	Birds	gene sequencing	06/02/2009	Positive
National laboratory	Tai Lung Veterinary Laboratory Agriculture, Fisheries and Conservation Department	Birds	virus isolation	04/02/2009	Positive
National laboratory	Tai Lung Veterinary Laboratory Agriculture, Fisheries and Conservation Department	Birds	polymerase chain reaction (PCR)	31/01/2009	Positive
National laboratory	Tai Lung Veterinary Laboratory Agriculture, Fisheries and Conservation Department	Birds	immunohistochemical test	31/01/2009	Positive
National laboratory	Department of Microbiology, University de Hong Kong	Wild species	gene sequencing		Pending
National laboratory	Tai Lung Veterinary Laboratory Agriculture, Fisheries and Conservation Department	Wild species	virus isolation	07/02/2009	Positive
National laboratory	Tai Lung Veterinary Laboratory Agriculture, Fisheries and Conservation Department	Wild species	polymerase chain reaction (PCR)	05/02/2009	Positive
National laboratory	Tai Lung Veterinary Laboratory Agriculture, Fisheries and Conservation Department	Wild species	immunohistochemical test	05/02/2009	Positive

## Future Reporting

<b>What further reports will be submitted in relation to this event?</b>
There are 7 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 map

