

Follow-up report No.: 1

Report reference: , OIE Ref: 8025, Report Date: 16/04/2009, Country: Hong Kong (P.R. China)

Report Summary

Disease	Highly pathogenic avian influenza	Animal type	Terrestrial
Causal Agent	Highly pathogenic avian influenza virus	Serotype(s)	H5N1
Clinical Signs	No	Reason	Reoccurrence of a listed disease
Date of first confirmation of the event	31/01/2009	Date of Start of Event	29/01/2009
Date of report	16/04/2009	Date Submitted To OIE	16/04/2009
Diagnosis	Laboratory (advanced)	Date Of Last Occurrence	01/2009
Number Of Reported Outbreaks	Submitted= 12, Draft= 0	Name of Sender of the report	Dr Thomas Sit
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Outbreak (other report - submitted)

Province	Unit Type	Location	Latitude	Longitude	Start date	End Date
HONG KONG	Village	Sha Lo Wan	22,27	113,9	29/01/2009	16/04/2009
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	Animals	...	2	2	0	0
Affected Population		1 goose and 1 duck at the coast				

Outbreak (other report - submitted)

Province	Unit Type	Location	Latitude	Longitude	Start date	End Date
HONG KONG	Village	Sha Lo Wan	22,28	113,9	31/01/2009	16/04/2009
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	Animals	...	1	1	0	0
Affected Population		a duck at the coast				

Outbreak (other report - submitted)

Province	Unit Type	Location	Latitude	Longitude	Start date	End Date
HONG KONG	Village	Sham Wat Wan	22,27	113,89	02/02/2009	16/04/2009
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	Animals	...	2	2	0	0

Affected Population	a chicken and a duck at the coast
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Outbreak (other report - submitted)

Province	Unit Type	Location	Latitude	Longitude	Start date	End Date
HONG KONG	Village	Sha Lo Wan	22,29	113,9	02/02/2009	16/04/2009
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	Animals	...	1	1	0	0
Affected Population	a chicken at the coast					

Outbreak (other report - submitted)

Province	Unit Type	Location	Latitude	Longitude	Start date	End Date
HONG KONG	Not applicable	Mai Po	22,49	114,04	02/02/2009	02/02/2009
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Wild species	Animals	...	1	1	0	0
Affected Population	a grey heron at a nature reserve.					
	The grey heron is a common winter visitor found in Hong Kong.					

Outbreak (other 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	16/04/2009
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	Animals	...	1	1	0	0
Affected Population	a chicken at the coast					

Outbreak (other report - submitted)

Province	Unit Type	Location	Latitude	Longitude	Start date	End Date
HONG KONG	Village	San Shek Wan	22,28	113,89	03/02/2009	16/04/2009
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	Animals	...	1	1	0	0
Affected Population	a duck at the coast					

Outbreak (other report - submitted)

Province	Unit Type	Location	Latitude	Longitude	Start date	End Date
HONG KONG	Not applicable	Yau Kam Tau	22,37	114,09	03/02/2009	03/02/2009
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Wild species	Animals	...	1	1	0	0
Affected Population	a peregrine falcon at the coast.					
	The peregrine falcon is a scarce resident and winter visitor found in Hong Kong.					

Outbreak (other report - submitted)

Province	Unit Type	Location	Latitude	Longitude	Start date	End Date
HONG KONG	Not applicable	Lantau Island	22,3	113,94	03/02/2009	03/02/2009
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Wild species	Animals	...	1	1	0	0

Affected Population a large-billed crow in a park.
The large-billed crow is a common species found in Hong Kong.

Outbreak (other report - submitted)

Province	Unit Type	Location	Latitude	Longitude	Start date	End Date
HONG KONG	Not applicable	Tai O	22,26	113,86	04/02/2009	16/04/2009
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	Animals	...	1	1	0	0

Affected Population a chicken at the coast

Outbreak (this report - submitted)

Province	Unit Type	Location	Latitude	Longitude	Start date	End Date
HONG KONG	Not applicable	Ping Chau	22,54	114,44	12/02/2009	12/02/2009
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Wild species	Animals	...	1	1	0	0

Affected Population A crested myna. Crested Myna is an abundant breeding resident in Hong Kong.

Outbreak (this report - submitted)

Province	Unit Type	Location	Latitude	Longitude	Start date	End Date
HONG KONG	Not applicable	Ping Chau	22,9	114,73	03/03/2009	03/03/2009
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	Animals	...	2	2	0	0

Affected Population Two chicken detected off the coast of the Island Ping Chau

Outbreak summary: Total outbreaks = 12 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds		11	11	0	0
Wild species		4	4	0	0

Epidemiology

Epidemiological comments

New outbreaks (Ping Chau):

- Poultry carcasses from unknown sources were detected off the coast of the Island Ping Chau. The carcasses were badly decomposed at the time of collection. No other outbreak has been detected in this area for the past 42 days since the finding of the carcasses.
- The H5N1 positive wild bird was detected in the ongoing surveillance program on wild birds. No spread of disease was evident.

Previous outbreaks (immediate notification): No other outbreak has been detected for the past 70 days since the last positive case occurred.

An intensive surveillance system is in place on 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.

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
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Diagnostic test results

Laboratory Type	Name of Laboratory	Species	Test Type	Date Results Provided	Result
National laboratory	Tai Lung Veterinary Laboratory Agriculture, Fisheries and Conservation Department	Birds	virus isolation	07/02/2009	Positive
National laboratory	Department of Microbiology, University de Hong Kong	Birds	gene sequencing	19/02/2009	Positive
National laboratory	Department of Microbiology, University de Hong Kong	Birds	gene sequencing	13/03/2009	Positive
National laboratory	Tai Lung Veterinary Laboratory Agriculture, Fisheries and Conservation Department	Birds	virus isolation	06/03/2009	Positive
National laboratory	Tai Lung Veterinary Laboratory Agriculture, Fisheries and Conservation Department	Birds	polymerase chain reaction (PCR)	04/03/2009	Positive
National laboratory	Department of Microbiology, University de Hong Kong	Wild species	gene sequencing	13/03/2009	Positive
National laboratory	Tai Lung Veterinary Laboratory Agriculture, Fisheries and Conservation Department	Wild species	virus isolation	19/02/2009	Positive
National laboratory	Tai Lung Veterinary Laboratory Agriculture, Fisheries and Conservation Department	Wild species	polymerase chain reaction (PCR)	14/02/2009	Positive
National laboratory	Tai Lung Veterinary Laboratory Agriculture, Fisheries and Conservation Department	Wild species	immunohistochemical test	14/02/2009	Positive
National laboratory	Tai Lung Veterinary Laboratory Agriculture, Fisheries and Conservation Department	Birds	virus isolation	07/02/2009	Positive
National laboratory	Tai Lung Veterinary Laboratory Agriculture, Fisheries and Conservation Department	Birds	immunohistochemical test	05/02/2009	Positive
National laboratory	Tai Lung Veterinary Laboratory Agriculture, Fisheries and Conservation Department	Birds	polymerase chain reaction (PCR)	05/02/2009	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 map

