

Immediate notification report

Report reference: CAN-2014-NAI-001 REF OIE 16660, Report Date: 03/12/2014, Country : Canada

Report Summary

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		Date submitted to OIE	03/12/2014

Animal type	Terrestrial	Date of report	03/12/2014
Disease	Highly pathogenic avian influenza	Date of start of the event	30/11/2014
Causal Agent	Avian influenza virus	Date of pre-confirmation of the event	01/12/2014
Serotype(s)	H5	Date of last occurrence	01/2008
Reason	Reoccurrence of a listed disease	Diagnosis	Laboratory (advanced)
Country or zone	the whole country	Clinical signs	Yes
Number of reported outbreaks	submitted= 2, Draft= 0		

Outbreak details

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
BRITISH COLUMBIA- (this report - submitted)	-			Farm	Abbotsford	49.052273	-122.30595	30/11/2014	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	11000	5500	5500	0	0			
Affected Population	Meat turkey farm 83 days of age								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
BRITISH COLUMBIA- (this report - submitted)	-			Farm	Chilliwack	49.171042	-121.95099	30/11/2014	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	7000	700	700	0	0			
Affected Population	Chicken broiler breeder farm (3 barns). The affected barn holds a flock of 24 weeks of age. Two adjacent barns, not affected, one with a flock of 47 weeks of age and one of a 1 week old pullet flock.								

Outbreak summary: Total outbreaks = 2 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	18000	6200	6200	0	0

Epidemiology

Epidemiological comments

Important note: Although this event is reported as highly pathogenic avian influenza (HPAI), full subtyping and pathogenicity index (IVPI) are not yet completed. Reporting as HPAI is based on preliminary testing and clinical signs.

Sudden high mortality (10% in outbreak in Chilliwack and 50% in outbreak in Abbotsford) within 24-48 hrs. Preliminary testing done at the British Columbia Provincial Laboratory indicates presence of H5 avian influenza virus. Additional testing currently underway at the Canadian Food Inspection Agency (CFIA) National Centre for Foreign Animal Disease (NCFAD).

Source of the outbreak(s) or origin of infection

• Unknown or inconclusive

Measures applied

Applied	To be applied

Applied	To be applied
<ul style="list-style-type: none"> quarantine 	<ul style="list-style-type: none"> stamping out movement control inside the country screening zoning disinfection of infected premises/establishment(s)
Animals treated	Vaccination Prohibited
No	Yes

Diagnostic test results

Laboratory Type	Name of Laboratory	Species	Test Type	Date Results Provided	Result
Local laboratory	Animal Health Centre, British Columbia Ministry of Agriculture	Birds	real-time reverse transcriptase/polymerase chain reaction (RRT-PCR)	01/12/2014	Positive

Future Reporting

The event is continuing. Weekly follow-up reports will be submitted.

Outbreak maps

