

## Follow-up report No.4

Report reference: CAN-2014-NAI-001., Reference OIE : 16903, Report Date : 08/01/2015, Country : Canada

### Report Summary

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		<b>Date submitted to OIE</b>	08/01/2015

<b>Animal type</b>	Terrestrial	<b>Date of report</b>	08/01/2015
<b>Disease</b>	Highly pathogenic avian influenza	<b>Date of start of the event</b>	30/11/2014
<b>Causal Agent</b>	Highly pathogenic avian influenza virus	<b>Date of pre-confirmation of the event</b>	01/12/2014
<b>Serotype(s)</b>	H5N2	<b>Date of last occurrence</b>	01/2008
<b>Reason</b>	Reoccurrence of a listed disease	<b>Diagnosis</b>	Laboratory (advanced)
<b>Country or zone</b>	a zone or compartment	<b>Clinical signs</b>	Yes
<b>Number of reported outbreaks</b>	submitted= 12, Draft= 0		

### Outbreak details

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
BRITISH COLUMBIA-other report - submitted	-			Farm	Chilliwack	49.171042	-121.95099	30/11/2014	
<b>Species</b>	<b>Measuring units</b>	<b>Susceptible</b>	<b>Cases</b>	<b>Deaths</b>	<b>Destroyed</b>	<b>Slaughtered</b>			
Birds	Animals	12800	700	700	12100	0			
Affected Population	BC-2014-NAI-001 Chicken broiler breeder farm. The affected barn holds a flock of 24 weeks of age (10% mortality). An adjacent barn, not affected, contains a flock of 47 weeks of age.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
BRITISH COLUMBIA-other report - submitted	-			Farm	Abbotsford	49.052273	-122.30595	30/11/2014	
<b>Species</b>	<b>Measuring units</b>	<b>Susceptible</b>	<b>Cases</b>	<b>Deaths</b>	<b>Destroyed</b>	<b>Slaughtered</b>			
Birds	Animals	28000	7700	7700	20300	0			
Affected Population	BC-2014-NAI-002 Meat turkey farm Affected barn: 83 days of age toms (70% mortality). In addition, hens and 2 week old poults on the premises with normal mortality rate.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
BRITISH COLUMBIA-other report - submitted	-			Farm	Abbotsford	49.052273	-122.30595	02/12/2014	
<b>Species</b>	<b>Measuring units</b>	<b>Susceptible</b>	<b>Cases</b>	<b>Deaths</b>	<b>Destroyed</b>	<b>Slaughtered</b>			
Birds	Animals	27200	22	22	27178	0			
Affected Population	BC-2014-NAI-004 Chicken broiler breeder farm. Affected barn holds hens and roosters 41 week old (sudden death). In addition, 7 and 59 week old hens and roosters on the premises with normal mortality rates.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
BRITISH COLUMBIA-other report - submitted	-			Farm	Abbotsford	49.052273	-122.30595	03/12/2014	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	14900	250	250	14650	0			
Affected Population	BC-2014-NAI-003 Chicken broiler breeder farm. Affected barn holds hens and roosters 37 week old (sudden death). In addition, 7 week old pullets on the premises with normal mortality rate.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
BRITISH COLUMBIA-other report - submitted	-			Farm	Abbotsford	49.052275	-122.30597	05/12/2014	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	31000	50	50	30950	0			
Affected Population	BC-2014-NAI-005 Meat turkey farm. One barn affected 9 week old birds, high mortality. In addition, 4 and 14 week old birds on premises with normal mortality rates.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
BRITISH COLUMBIA-other report - submitted	-			Farm	Abbotsford	49.05227	-122.30595	08/12/2014	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	18000	200	200	17800	0			
Affected Population	BC-2014-NAI-007 Chicken broiler breeders.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
BRITISH COLUMBIA-other report - submitted	-			Farm	Abbotsford	49.05227	-122.30595	08/12/2014	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	33000	...	...	33000	0			
Affected Population	BC-2014-NAI-006 Meat turkey.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
BRITISH COLUMBIA-other report - submitted	-			Farm	Abbotsford	49.05227	-122.30595	09/12/2014	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	8800	55	55	8745	0			
Affected Population	BC-2014-NAI-008 Chicken broiler breeders.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
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Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
BRITISH COLUMBIA-other report - submitted	-			Farm	Abbotsford	49.05227	-122.30595	10/12/2014	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	5900	30	30	5870	0			
Affected Population	BC-2014-NAI-009 Chicken broiler breeders.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
BRITISH COLUMBIA-other report - submitted	-			Farm	Langley	49.10595	-122.63719	13/12/2014	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	53200	15	15	53185	0			
Affected Population	BC-2014-NAI-010 Table egg layer farm.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
BRITISH COLUMBIA-other report - submitted	-			Farm	Langley	49.10595	-122.63719	17/12/2014	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	11800	60	60	11740	0			
Affected Population	BC-2014-NAI-011 Chicken broiler breeder farm.								

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
BRITISH COLUMBIA- (this report - submitted)	-			Backyard	Langley	49.10595	-122.63719	19/12/2014	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
Birds	Animals	85	12	3	82	0			
Affected Population	BC-2014-NAI-012 Hobby breeder, non-commercial flock with a variety of birds (ducks, geese, turkeys, chickens).								

#### Outbreak summary: Total outbreaks = 12 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Birds	244685	9094	9085	235600	0

#### Epidemiology

##### Epidemiological comments

The only new outbreak in this report is a non-commercial (backyard) flock located in the same area than all other outbreaks in the province of British Columbia. Depopulation of all infected farms was finalized on 20 December 2014. Cleaning and disinfection of infected premises is underway, under the supervision of the Canadian Food Inspection Agency (CFIA). Movement restrictions and enhanced surveillance within the primary control zone established by the CFIA continue to apply. The Canadian Avian Influenza Surveillance System (CanNAISS) is still ongoing in the rest of Canada.

##### Source of the outbreak(s) or origin of infection

• Unknown or inconclusive

#### Measures applied

Applied	To be applied

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

**Future Reporting**

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

## Outbreak maps

