Follow-up report No.6 (Final report)

Report reference: CAN-2014-NAI-001., Reference OIE : 17833, Report Date : 05/06/2015, Country : Canada

Report Summary

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		Date submitted to OIE	08/06/2015

Animal type	Terrestrial	**Date of report**	05/06/2015
Disease	Highly pathogenic avian influenza	**Date of start of the event**	30/11/2014
Causal Agent	Highly pathogenic avian influenza virus	**Date of confirmation of the event**	01/12/2014
Serotype(s)	H5N2	**Date of last occurrence**	01/2008
Reason	Reoccurrence of a listed disease	**Diagnosis**	Laboratory (advanced)
Country or zone	a zone or compartment	**Clinical signs**	Yes
Number of reported outbreaks	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	07/03/2015
Species	**Measuring units**	**Susceptible**	**Cases**	**Deaths**	**Destroyed**	**Slaughtered**			
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	05/03/2015
Species	**Measuring units**	**Susceptible**	**Cases**	**Deaths**	**Destroyed**	**Slaughtered**			
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	19/02/2015
Species	**Measuring units**	**Susceptible**	**Cases**	**Deaths**	**Destroyed**	**Slaughtered**			
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.								

Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered			
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	07/02/2015
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	04/02/2015
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	07/03/2015
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	07/02/2015
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	09/02/2015
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:

Province	Number of outbreaks	District	Sub-district	Unit Type	Location	Latitude	Longitude	Start Date	End Date:
Species	**Measuring units**	**Susceptible**	**Cases**	**Deaths**	**Destroyed**	**Slaughtered**			
BRITISH COLUMBIA-other report - submitted	-			Farm	Abbotsford	49.05227	-122.30595	10/12/2014	12/02/2015
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	25/03/2015
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	25/02/2015
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-other report - submitted	-			Backyard	Langley	49.10595	-122.63719	19/12/2014	15/03/2015
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

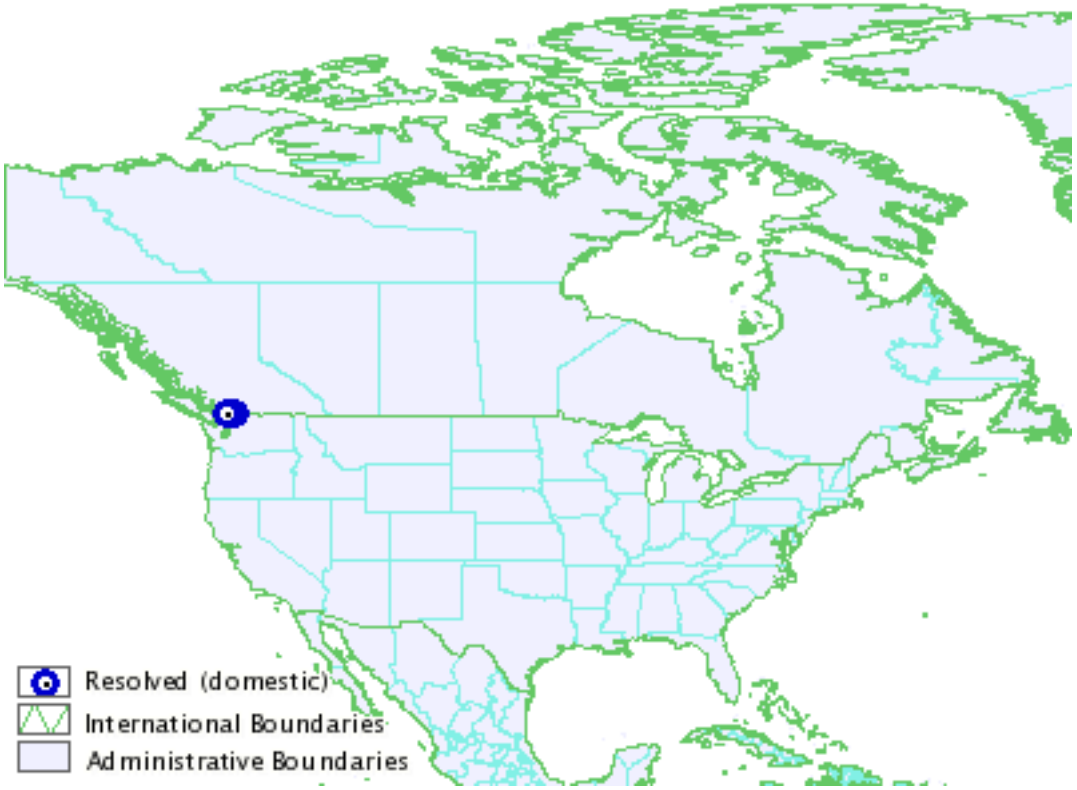
Epidemiological comments
No new outbreaks of HPAI H5N2 were detected since 19 December 2014 in the province of British Columbia. After the completion of the cleaning and disinfection on 3 March 2015, the Canadian Food Inspection Agency (CFIA) has conducted enhanced surveillance in commercial poultry during a three-month period and all results were negative. On 3 June 2015 and in accordance with Article 10.4.3.1 of the OIE Terrestrial Animal Health Code, the province of British Columbia has regained its free status in regard with avian influenza. The ongoing Canadian Notifiable Avian Influenza Surveillance System is in place in all provinces in Canada.
Source of the outbreak(s) or origin of infection
• Unknown or inconclusive

Measures applied

Applied	To be applied

Applied	To be applied
• stamping out • quarantine • movement control inside the country • screening • zoning • disinfection / disinfestation	• no planned control measures
Animals treated	**Vaccination Prohibited**
No	Yes

Future Reporting

The report and all its outbreaks have been resolved.

Outbreak maps