

INTER-AGENCY WILD BIRD AVIAN INFLUENZA SURVEY UPDATE

A report of samples collected and tested as of March 14, 2014

PLEASE NOTE: The data displayed in the following report are the most recent AIV sample collection information and results, and may not yet be reflected in the CCWHC website AIV reports. All survey numbers are displayed for the current calendar year.

DEAD BIRD SURVEY 2014:

Number of dead birds tested and matrix PCR positives since January 1, 2014

Region	EPI Week 10/11		Year to Date	
	Tested	Matrix Positive*	Tested	Matrix Positive*
British Columbia	8	0	23	0
Alberta	0	0	62	0
Saskatchewan	0	0	0	0
Manitoba	0	0	0	0
Ontario	15	0	42	1
Quebec	23	0	194	1
New Brunswick	0	0	19	0
Nova Scotia	0	0	7	0
Prince Edward Island	0	0	17	0
Newfoundland	0	0	0	0
Yukon Territory	0	0	0	0
Northwest Territories	0	0	0	0
Nunavut	0	0	0	0
Total	46	0	364	2

*Matrix positive means that the bird tested positive by PCR for one or more Influenza A viruses (Ct value less than or equal to 35). Any samples found to be matrix positive are then tested by PCR for H5 and H7 strains at the regional level. Any matrix positive birds that are then found to be either H5 or H7 positive are immediately sent to the NCFAD for confirmation and identification. Authorities from the province or region where the bird was sampled will be notified when preliminary H5 or H7 positive results are found at the regional lab. When the CFIA confirms and identifies the virus, authorities from across the country will be notified. This update reports all matrix positives, but does not report whether or not these matrix positives were found to be H5 or H7 positive.

DEAD BIRD SURVEY 2013:

Number of dead birds tested and matrix PCR positives between Jan. 01 & Dec. 31, 2013

Region	Year to Date	
	Tested	Matrix Positive*
British Columbia	243	2
Alberta	153	0
Saskatchewan	82	0
Manitoba	0	0
Ontario	185	0
Quebec	561	2
New Brunswick	48	2
Nova Scotia	53	0
Prince Edward Island	67	0
Newfoundland	0	0
Yukon Territory	0	0
Northwest Territories	0	0
Nunavut	0	0
Total	1392	6

LIVE BIRD SURVEY 2013:

Number of live birds tested and matrix PCR positives between Jan. 01 & Dec. 31, 2013

Category	Specifics	Number Collected	Number Tested	Matrix Positive*
Blue-winged Teal	Alberta	219	219	8
	Saskatchewan	444	444	29
Northern Pintail	Alberta	211	211	3
	Saskatchewan	69	69	0
Mallard	Alberta	86	86	4
	Saskatchewan	10	10	0
Redhead	Alberta	171	171	1
Other Ducks	Alberta	4	4	0
	Saskatchewan	4	4	0
Total		1218	1218	45

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For maps and historical data, please visit our website.

http://www.ccwhc.ca/avian_influenza_virus_reports.php