



Inter-agency Wild Bird Avian Influenza Survey Update

A report of samples collected and tested as of October 16th, 2016

PLEASE NOTE: The data displayed in the following report are the most recent AIV sample collection information and results as provided to the CWHC by participating program partners. All survey numbers are displayed for the current calendar year.

DEAD BIRD SURVEY 2016

Number of birds tested and matrix PCR positives since January 1, 2016

Region	Oct. 3- Oct.16, 2016		Year to Date	
	Tested	Matrix Positive*	Tested	Matrix Positive*
British Columbia	0	0	101	5
Alberta	101	0	269	0
Saskatchewan	206	50	240	50
Manitoba	0	0	0	0
Ontario	5	0	98	0
Quebec	0	0	89	1
New Brunswick	4	0	21	0
Nova Scotia	9	0	43	0
Prince Edward Island	6	0	64	0
Newfoundland	0	0	0	0
Yukon Territory	0	0	0	0
Northwest Territories	0	0	0	0
Nunavut	0	0	1	0
Total	331	50	926	56

*Matrix positive means that the bird tested 'not negative' 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.



LIVE BIRD SURVEY 2016

Number of live birds tested and matrix PCR positives since January 1, 2016

	Tested	Matrix Positive*	H5 Positive	H7 Positive
British Columbia	0	0	0	0
Alberta	0	0	0	0
Saskatchewan	639	8	0	0
Manitoba	0	0	0	0
Ontario	149	2	0	2
Quebec	0	0	0	0
New Brunswick	0	0	0	0
Nova Scotia	0	0	0	0
Prince Edward Island	0	0	0	0
Newfoundland	0	0	0	0
Yukon Territory	0	0	0	0
Northwest Territories	0	0	0	0
Nunavut	0	0	0	0
Total	788	10	0	2

DEAD BIRD SURVEY 2015

Number of dead birds tested and matrix PCR positives from January 1st to December 31st, 2015

	Tested	Matrix Positive*	H5 Positive	H7 Positive
British Columbia	744	11	4	0
Alberta	405	2	1	0
Saskatchewan	303	5	0	0
Manitoba	0	0	0	0
Ontario	335	2	0	0
Quebec	306	7	0	1
New Brunswick	32	2	1	0
Nova Scotia	25	0	0	0
Prince Edward Island	102	2	0	0
Newfoundland	33	0	0	0
Yukon Territory	0	0	0	0
Northwest Territories	0	0	0	0
Nunavut	0	0	0	0
Total	2285	31	6	1



LIVE BIRD SURVEY 2015

Number of live birds tested and matrix PCR positives from January 1st to December 31st, 2015

	Tested	Matrix Positive*	H5 Positive	H7 Positive
British Columbia	0	0	0	0
Alberta	524	10	0	3
Saskatchewan	794	28	2	3
Manitoba	0	0	0	0
Ontario	1681	455	29	1
Quebec	0	0	0	0
New Brunswick	0	0	0	0
Nova Scotia	0	0	0	0
Prince Edward Island	0	0	0	0
Newfoundland	0	0	0	0
Yukon Territory	0	0	0	0
Northwest Territories	0	0	0	0
Nunavut	0	0	0	0
Total	2999	493	31	7

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For maps, historical data and more information, please visit:

http://www.cwhc-rscsf.ca/surveillance_data_aiv.php