

INTER-AGENCY WILD BIRD AVIAN INFLUENZA SURVEY UPDATE

A report of samples collected and tested as of April 27th, 2015

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 CWHC website AIV reports. All survey numbers are displayed for the current calendar year.

DEAD BIRD SURVEY 2015:

Number of dead birds tested and matrix PCR positives since January 1, 2015

Region	Epi Week 16-17		Year to Date	
	Tested	Matrix Positive*	Tested	Matrix Positive*
British Columbia	87	0	207	0
Alberta	1	0	36	0
Saskatchewan	0	0	0	0
Manitoba	0	0	0	0
Ontario	15	0	57	1
Quebec	24	0	168	1
New Brunswick	0	0	11	0
Nova Scotia	0	0	11	0
Prince Edward Island	0	0	23	0
Newfoundland	0	0	0	0
Yukon Territory	0	0	0	0
Northwest Territories	0	0	0	0
Nunavut	0	0	0	0
Total	162	0	513	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 2014:

Number of dead birds tested and matrix PCR positives between Jan. 01 & Dec. 31, 2014

Region	Tested	Matrix Positive*
British Columbia	241	0
Alberta	319	0
Saskatchewan	23	1
Manitoba	0	0
Ontario	165	3
Quebec	647	3
New Brunswick	43	0
Nova Scotia	19	0
Prince Edward Island	87	0
Newfoundland	0	0
Yukon Territory	0	0
Northwest Territories	0	0
Nunavut	0	0
Total	1544	7

LIVE BIRD SURVEY 2014:

Number of live birds tested and matrix PCR positives between Jan. 01 & Dec. 31, 2014

Category	Specifics	Number Collected	Number Tested	Matrix Positive*
Blue-winged Teal	Alberta	232	227	7
	Saskatchewan	683	681	47
Northern Pintail	Alberta	3	3	0
	Saskatchewan	122	122	12
Mallard	Alberta	44	44	1
	Saskatchewan	176	176	9
Redhead	Alberta	1	1	0
	Saskatchewan	14	14	0
Other Waterfowl	Alberta	46	46	2
	Saskatchewan	10	10	0
Total		1331	1324	78

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http://www.cwhc-rclf.ca/data_products_aiv.php