

INTER-AGENCY WILD BIRD AVIAN INFLUENZA SURVEY UPDATE

A report of samples collected and tested as of March 1, 2012

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.

LIVE BIRD SURVEY 2011:

Number of live birds surveyed between January 01 & December 31, 2011

COLLECTION INFORMATION:

Category	Specifics	Target Number	Number Collected	Total by Category
Blue-winged Teal	Alberta	200	193	690
	Saskatchewan	200	168	
	Manitoba	200	118	
	Ontario	200	101	
	Atlantic	160	110	
Ducks	Saskatchewan	150	149	519
	Manitoba	150	150	
	Newfoundland & Labrador	250	219	
	Atlantic	0	1	
Geese	Nunavut	850	674	674
Gulls	New Brunswick	50	1	584
	Newfoundland & Labrador	550	536	
	Nova Scotia	0	20	
	Nunavut	150	25	
	Quebec	0	2	
Sea Ducks	Quebec	300	0	432
	Atlantic	200	57	
	Nunavut	620	375	
Seabirds	Quebec	100	37	1271
	New Brunswick	200	122	
	Nova Scotia	200	205	
	Newfoundland & Labrador	400	778	
	Nunavut	100	129	
Shorebirds	Quebec	500	372	372
Terns	Nova Scotia	150	61	201
	Newfoundland & Labrador	0	29	
	Nunavut	50	111	
Other	Newfoundland & Labrador	0	102	102
Total		5930	4845	4845

LABORATORY INFORMATION:

Category	Specifics	Number Submitted	Number Tested	Matrix Positive*
Blue-winged Teal	Alberta	193	193	26
	Saskatchewan	168	168	63
	Manitoba	118	118	21
	Ontario	101	101	35
	Atlantic	110	110	7
Ducks	Saskatchewan	149	149	9
	Manitoba	150	150	4
	Newfoundland & Labrador	219	219	19
	Atlantic	1	1	0
Geese	Nunavut	674	633	0
Gulls	New Brunswick	1	1	1
	Newfoundland & Labrador	536	536	11
	Nova Scotia	20	20	0
	Nunavut	25	24	0
	Quebec	2	2	0
Sea Ducks	Quebec	0	0	0
	Atlantic	57	57	0
	Nunavut	375	373	0
Seabirds	Quebec	37	37	0
	New Brunswick	122	122	0
	Nova Scotia	205	205	0
	Newfoundland & Labrador	778	778	68
	Nunavut	129	129	3
Shorebirds	Quebec	372	372	2
Terns	Nova Scotia	61	61	0
	Newfoundland & Labrador	29	29	0
	Nunavut	111	110	0
Other	Newfoundland & Labrador	102	102	0
Total		4845	4800	269

*Matrix positive means that the bird tested positive by PCR for one or more Influenza A viruses. 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 2012:

Number of dead birds tested and matrix PCR positives since January 01, 2012

Region	EPI Week 8/9		Year to Date	
	Tested	Matrix Positive*	Tested	Matrix Positive*
British Columbia	23	1	81	1
Alberta	0	0	0	0
Saskatchewan	10	0	16	0
Manitoba	0	0	0	0
Ontario	0	0	14	0
Quebec	13	0	54	0
New Brunswick	0	0	5	0
Nova Scotia	0	0	6	0
Prince Edward Island	0	0	4	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	1	180	1

DEAD BIRD SURVEY 2011:

Number of dead birds tested and matrix PCR positives between Jan. 01 & Dec. 31, 2011

Region	Year to Date	
	Tested	Matrix Positive*
British Columbia	288	2
Alberta	31	0
Saskatchewan	328	0
Manitoba	27	0
Ontario	342	4
Quebec	498	1
New Brunswick	21	0
Nova Scotia	42	0
Prince Edward Island	188	3
Newfoundland	56	0
Yukon Territory	0	0
Northwest Territories	20	0
Nunavut	0	0
Total	1841	10

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For maps and historical data, please visit our website.

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