

INTER-AGENCY WILD BIRD AVIAN INFLUENZA SURVEY UPDATE

A report of samples collected and tested as of Dec 20, 2010

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.

For maps and historical data, please visit our website.

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

LIVE BIRD SURVEY 2010:

Number of live birds surveyed since January 01, 2010

COLLECTION INFORMATION:

Category	Specifics	Target Number	Number Collected	Total by Category
Blue-winged Teal	Alberta	200	204	806
	Saskatchewan	200	201	
	Manitoba	200	203	
	Ontario	200	198	
Ducks	Saskatchewan	250	249	1741
	Manitoba	250	298	
	New Brunswick	800	549	
	Nova Scotia		293	
	Prince Edward Island		122	
	Newfoundland & Labrador	100	230	
Geese	New Brunswick	0	1	301
	Nunavut	250	300	
Gulls	Quebec	300	281	809
	New Brunswick	0	1	
	Newfoundland & Labrador	400	527	
Sea Ducks	Quebec	300	196	789
	Nova Scotia	350	68	
	Nunavut	600	525	
Seabirds	Quebec	25	42	749
	New Brunswick	210	187	
	Newfoundland & Labrador	450	390	
	Nunavut	100	130	
Shorebirds	Quebec	450	500	500
Terns	Nova Scotia	100	59	59
Total		5735	5754	5754

LABORATORY INFORMATION:

Category	Specifics	Number Submitted	Number Tested	Matrix Positive*
Blue-winged Teal	Alberta	203	203	15
	Saskatchewan	201	201	37
	Manitoba	203	203	127
	Ontario	198	198	60
Ducks	Saskatchewan	249	249	84
	Manitoba	298	298	131
	New Brunswick	549		
	Nova Scotia	293		
	Prince Edward Island	122		
	Newfoundland & Labrador	230	122	9
Geese	New Brunswick	1		
	Nunavut	300		
Gulls	Quebec	281	281	9
	New Brunswick	1		
	Newfoundland & Labrador	527	413	3
Sea Ducks	Quebec	196		
	Nova Scotia	68		
	Nunavut	523		
Seabirds	Quebec	42		
	New Brunswick	187		
	Newfoundland & Labrador	390	390	3
	Nunavut	130		
Shorebirds	Quebec	500		
Terns	Nova Scotia	59		
Total		5751	2558	478

DEAD BIRD SURVEY 2010:

Number of dead birds tested and matrix PCR positives since January 01, 2010

Region	EPI Week 49/50		Year to Date	
	Tested	Matrix Positive*	Tested	Matrix Positive*
British Columbia	8	0	295	1
Alberta	0	0	25	1
Saskatchewan	0	0	337	2

Manitoba	0	0	8	0
Ontario	1	0	355	0
Quebec	11	0	404	2
New Brunswick	0	0	8	0
Nova Scotia	0	0	51	0
Prince Edward Island	0	0	103	0
Newfoundland	0	0	67	1
Yukon Territory	0	0	13	0
Northwest Territories	0	0	1	0
Nunavut	0	0	11	0
Total	20	0	1678	7

*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.

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