

## **INTER-AGENCY WILD BIRD AVIAN INFLUENZA SURVEY UPDATE**

**A report of samples collected and tested as of October 12, 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](http://www.ccwhc.ca/avian_influenza_virus_reports.php)

### **LIVE BIRD SURVEY 2010:**

Number of live birds surveyed since January 01, 2010

### **COLLECTION INFORMATION:**

<b>Category</b>	<b>Specifics</b>	<b>Target Number</b>	<b>Number Collected</b>	<b>Total by Category</b>
Blue-winged Teal	Alberta	200	204	806
	Saskatchewan	200	201	
	Manitoba	200	203	
	Ontario	200	198	
Ducks	Saskatchewan	250	250	866
	Manitoba	250		
	Atlantic Provinces	800	494	
	Newfoundland & Labrador	100	122	
Geese	Nunavut	250	300	300
Gulls	Quebec	300	281	695
	New Brunswick	0	1	
	Newfoundland & Labrador	400	413	
Sea Ducks	Quebec	300	130	653
	Atlantic Provinces	350		
	Nunavut	600	523	
Seabirds	Quebec	25	7	584
	New Brunswick	210	187	
	Newfoundland & Labrador	450	390	
	Nunavut	100		
Shorebirds	Quebec	450		
Terns	Nova Scotia	100	59	59
<b>Total</b>		<b>5735</b>	<b>3963</b>	<b>3963</b>

**LABORATORY INFORMATION:**

<b>Category</b>	<b>Specifics</b>	<b>Number Submitted</b>	<b>Number Tested</b>	<b>Matrix Positive*</b>
Blue-winged Teal	Alberta	203		
	Saskatchewan	200		
	Manitoba	203		
	Ontario	198		
Ducks	Saskatchewan	250		
	Manitoba			
	Atlantic Provinces			
	Newfoundland & Labrador	122	1	0
Geese	Nunavut			
Gulls	Quebec	281	281	9
	New Brunswick			
	Newfoundland & Labrador	413	396	3
Sea Ducks	Quebec			
	Atlantic Provinces			
	Nunavut			
Seabirds	Quebec			
	New Brunswick			
	Newfoundland & Labrador	390	293	2
	Nunavut			
Shorebirds	Quebec			
Terns	Nova Scotia			
<b>Total</b>		<b>2260</b>	<b>971</b>	<b>14</b>

**DEAD BIRD SURVEY 2010:**

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

<b>Region</b>	<b>EPI Week 39/40</b>		<b>Year to Date</b>	
	<b>Tested</b>	<b>Matrix Positive*</b>	<b>Tested</b>	<b>Matrix Positive*</b>
British Columbia	0	0	216	1
Alberta	0	0	2	0
Saskatchewan	13	0	309	2
Manitoba	0	0	8	0
Ontario	0	0	277	0
Quebec	0	0	312	2
New Brunswick	0	0	7	0

Nova Scotia	0	0	26	0
Prince Edward Island	0	0	95	0
Newfoundland	0	0	65	1
Yukon Territory	0	0	13	0
Northwest Territories	0	0	0	0
Nunavut	0	0	1	0
<b>Total</b>	<b>13</b>	<b>0</b>	<b>1331</b>	<b>6</b>

\*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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