

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

**A report of samples collected and tested as of Aug 17, 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		203
	Saskatchewan	200		
	Manitoba	200	203	
	Ontario	200		
Ducks	Saskatchewan	250	162	163
	Manitoba	250		
	Atlantic Provinces	800		
	Newfoundland & Labrador	100	1	
Geese	Nunavut	250	300	300
Gulls	Quebec	300	281	677
	Newfoundland & Labrador	400	396	
Sea Ducks	Quebec	300		
	Atlantic Provinces	350		
	Nunavut	600		
Seabirds	Quebec	25	9	462
	New Brunswick	210	160	
	Newfoundland & Labrador	450	293	
	Nunavut	100		
Shorebirds	Quebec	450		
Terns	Nova Scotia	100	59	59
<b>Total</b>		<b>5735</b>	<b>1864</b>	<b>1864</b>

**LABORATORY INFORMATION:**

Category	Specifics	Number Submitted	Number Tested	Matrix Positive*
Blue-winged Teal	Alberta			
	Saskatchewan			
	Manitoba			
	Ontario			
Ducks	Saskatchewan			
	Manitoba			
	Atlantic Provinces			
	Newfoundland & Labrador	1	1	0
Geese	Nunavut			
Gulls	Quebec	281	281	9
	Newfoundland & Labrador	396	366	2
Sea Ducks	Quebec			
	Atlantic Provinces			
	Nunavut			
Seabirds	Quebec			
	New Brunswick			
	Newfoundland & Labrador	293	44	1
	Nunavut			
Shorebirds	Quebec			
Terns	Nova Scotia			
<b>Total</b>		<b>971</b>	<b>692</b>	<b>12</b>

**DEAD BIRD SURVEY 2010:**

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

Region	EPI Week 31/32		Year to Date	
	Tested	Matrix Positive*	Tested	Matrix Positive*
British Columbia	25	0	163	1
Alberta	0	0	0	0
Saskatchewan	37	1	182	1
Manitoba	0	0	6	0
Ontario	20	0	210	0
Quebec	0	0	202	2
New Brunswick	2	0	7	0
Nova Scotia	8	0	20	0
Prince Edward Island	22	0	74	0

Newfoundland	0	0	65	1
Yukon Territory	4	0	4	0
Northwest Territories	0	0	0	0
Nunavut	0	0	1	0
<b>Total</b>	<b>118</b>	<b>1</b>	<b>934</b>	<b>5</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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