

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

**A report of samples collected and tested as of February 28, 2011**

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 between January 01 & December 31, 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	249	1776
	Manitoba	250	298	
	New Brunswick	800	549	
	Nova Scotia		293	
	Prince Edward Island		122	
	Newfoundland & Labrador	100	265	
Geese	New Brunswick	0	1	301
	Nunavut	250	300	
Gulls	Quebec	300	281	824
	New Brunswick	0	1	
	Newfoundland & Labrador	400	542	
Sea Ducks	Quebec	300	196	789
	Nova Scotia	350	68	
	Nunavut	600	525	
Seabirds	Quebec	25	42	750
	New Brunswick	210	187	
	Newfoundland & Labrador	450	391	
	Nunavut	100	130	
Shorebirds	Quebec	450	500	500
Terns	Nova Scotia	100	59	59
<b>Total</b>		<b>5735</b>	<b>5805</b>	<b>5805</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	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	265	265	23
Geese	New Brunswick	1		
	Nunavut	300		
Gulls	Quebec	281	281	9
	New Brunswick	1		
	Newfoundland & Labrador	542	542	9
Sea Ducks	Quebec	196	2	0
	Nova Scotia	68		
	Nunavut	523	504	0
Seabirds	Quebec	42	7	0
	New Brunswick	187	160	0
	Newfoundland & Labrador	391	391	3
	Nunavut	130	130	0
Shorebirds	Quebec	500	486	1
Terns	Nova Scotia	59	28	0
<b>Total</b>		<b>5802</b>	<b>4148</b>	<b>499</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.

**DEAD BIRD SURVEY 2011:**

Number of dead birds tested and matrix PCR positives since January 01, 2011

<b>Region</b>	<b>EPI Week 07/08</b>		<b>Year to Date</b>	
	<b>Tested</b>	<b>Matrix Positive*</b>	<b>Tested</b>	<b>Matrix Positive*</b>
British Columbia	7	0	81	0
Alberta	0	0	0	0
Saskatchewan	0	0	4	0
Manitoba	0	0	0	0
Ontario	17	0	40	0
Quebec	17	0	55	0
New Brunswick	0	0	2	0
Nova Scotia	0	0	1	0
Prince Edward Island	0	0	16	0
Newfoundland	0	0	0	0
Yukon Territory	0	0	0	0
Northwest Territories	0	0	3	0
Nunavut	0	0	0	0
<b>Total</b>	<b>41</b>	<b>0</b>	<b>202</b>	<b>0</b>

**DEAD BIRD SURVEY 2010:**

Number of dead birds tested and matrix PCR positives between Jan. 01 &amp; Dec. 31, 2010

<b>Region</b>	<b>Year to Date</b>			
		<b>Submitted</b>	<b>Tested</b>	<b>Matrix Positive*</b>
British Columbia		296	296	1
Alberta		59	59	1
Saskatchewan		362	362	2
Manitoba		8	8	0
Ontario		370	370	0
Quebec		405	405	2
New Brunswick		10	10	0
Nova Scotia		63	63	0
Prince Edward Island		129	129	0
Newfoundland		135	134	1
Yukon Territory		13	13	0
Northwest Territories		1	1	0
Nunavut		11	11	0
<b>Total</b>		<b>1862</b>	<b>1861</b>	<b>7</b>

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