

Inter-agency Wild Bird Avian Influenza Survey Update

A report of samples collected and tested as of June 2, 2025

PLEASE NOTE: The data displayed in the following report are the most recent AIV **PRELIMINARY** test results provided to the CWHC by participating program partners unless otherwise stated. All survey numbers are displayed for the current calendar year.

DEAD BIRD SURVEY 2025

Number of birds tested and number matrix positive* since January 1, 2025

Region	May 20 – June 2, 2025		Year to Date			
	Tested	Matrix Positive*	Tested	Matrix Positive*	H5 Positive*	H7 Positive*
British Columbia	0	0	0	0	0	0
Alberta	3	0	240	78	33	0
Saskatchewan	7	1	34	10	10	0
Manitoba	5	1	42	10	10	0
Ontario	24	8	513	191	192	0
Quebec	13	0	91	9	9	0
New Brunswick	0	0	11	1	1	0
Nova Scotia	27	22	154	42	40	0
Prince Edward Island	0	0	33	16	15	0
Newfoundland & Labrador	0	0	0	0	0	0
Yukon Territory	0	0	10	0	0	0
Northwest Territories	6	1	10	1	1	0
Nunavut	0	0	0	0	0	0
Total	85	33	1138	358	311	0

*Matrix positive includes all birds that tested 'not negative' by PCR for one or more Influenza A viruses. The number of positive test results included both those birds that tested POSITIVE (Ct value less than 36) and those that had an INCONCLUSIVE test result (Ct value greater than or equal to 36).

Any samples found to be matrix POSITIVE or INCONCLUSIVE are then tested by PCR for H5 and H7 strains at the regional level. Any samples that are then found to be either H5 or H7 POSITIVE or INCONCLUSIVE 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 POSITIVE or INCONCLUSIVE **PRELIMINARY** matrix results unless otherwise stated.

For confirmed presence of High Pathogenic Avian Influenza (HPAI), subtype H5N1 and H5N5, please visit the CFIA dashboard. You can visit the dashboard here: [CFIA Dashboard](#)

LIVE BIRD SURVEY 2025

Number of live birds tested and number matrix, H5 and H7 PCR positive* since January 1, 2025

	Tested	Matrix Positive*	H5 Positive*	H7 Positive*	HPAI**
British Columbia	5	0	0	0	0
Alberta	0	0	0	0	0
Saskatchewan	0	0	0	0	0
Manitoba	26	0	0	0	0
Ontario	259	9	6	0	6
Quebec	0	0	0	0	0
New Brunswick	0	0	0	0	0
Nova Scotia	111	7	7	0	31
Prince Edward Island	200	18	11	0	1
Newfoundland & Labrador	26	4	3	0	4
Yukon Territory	0	0	0	0	0
Northwest Territories	0	0	0	0	0
Nunavut	0	0	0	0	0
Total	627	38	27	0	42

* Matrix positive includes all birds that tested 'not negative' by PCR for one or more Influenza A viruses. The number of positive test results included both those birds that tested POSITIVE (Ct value less than 36) and those that had an INCONCLUSIVE test result (Ct value greater than or equal to 36).

****The CFIA has confirmed the presence of High Pathogenic Avian Influenza (HPAI), subtype H5N1.**

Any samples found to be matrix POSITIVE or INCONCLUSIVE are then tested by PCR for H5 and H7 strains at the regional level. Any samples that are then found to be either H5 or H7 POSITIVE or INCONCLUSIVE 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 POSITIVE or INCONCLUSIVE **PRELIMINARY** matrix results unless otherwise stated.

This information as well as historical data are available on the CWHC AIV portal at: http://www.cwhc-rcsf.ca/avian_influenza_testing_results.php

GLOSSARY OF TERMS

Tested - The number of birds that were screened for avian influenza virus by real time reverse transcriptase PCR (RRT-PCR) for the M1 gene.

Matrix positive - The number of birds that tested positive for the M1 gene by RT-PCR.

H5 positive - The number of birds that tested positive for the H5 virus subtype by RT-PCR.

H7 positive - The number of birds that tested positive for the H7 virus subtype by RT-PCR.

HPAI - Confirmed at the CFIA NCFAD laboratory to be positive for highly pathogenic avian influenza through virus isolation or sequencing.

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