



# Tickborne Disease Enhance Surveillance Report

Definitions

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Communicable Disease Control Branch

Public Health Delivery Division

Primary and Preventative Health Services

**Tickborne Disease Enhanced Surveillance Report Definitions** | Primary and Preventative Health Services, Government of Alberta

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## Revisions

Revision Date	Document Section	Description of Revision
March 2026	Whole document	<ul style="list-style-type: none"><li>NEW ESR definitions document.</li></ul>

# Tickborne Disease Case Report Definitions

The following definitions apply to the [Tickborne Diseases Enhanced Surveillance Report form](#).

<b>Initial Report</b>	Indicates the submitted form is incomplete and more details are likely forthcoming.	
<b>Amendment</b>	Indicates there are changes or additions to the previously submitted form.	
<b>Section 1 – Case Definition</b>		
<b>Tickborne Disease</b>	Indicates which tickborne disease is being reported.	
<b>Diagnosis Status</b>	Indicates the case classification of the disease at time of reporting.	
<b>Section 2 – Reporting Information</b>		
<b>Date Investigation Opened</b>	Indicates the date the investigation into the case began.	
<b>Date Reported</b>	Indicates the date the notifiable disease report is submitted to PPHS.	
<b>Submitter</b>	Indicates the name of the public health professional who completed the follow-up and is reporting the notifiable disease case to PPHS.	
<b>FNIHB Location Reporting</b>	For Indigenous Services Canada cases - Indicates the zone where the case resided at the time of diagnosis.	
<b>Section 3 – Personal Identifiers</b>		
<b>CDOM/NDR#</b>	Indicates the unique identifier assigned to the associated Notifiable Disease Report (NDR) form.	
<b>Name (Last, First)</b>	Indicates the legal name of the case.	
<b>PHN</b>	Indicates the PHN, unique lifetime identifier (ULI) or other number issued to the case.	
<b>Sex</b>	Indicates the biological sex of the case. This field does not capture gender identity.	
<b>Birth Date</b>	Indicates the date the case was born.	
<b>Section 4 – Exposure and Clinical Findings</b>		
<b>Onset Date</b>	Indicates the date symptoms of the notifiable disease first appeared.	
<b>Last Outcome Recorded</b>	Indicates the outcome of current health event (i.e., has the case recovered from the disease being reported?)  NOTE: for fatal cases use the death section on the NDR form.	
<b>History of Tick Bite</b>	Indicates if the case had a history of a tick bite as a possible route of transmission.	
<b>Exposure to Known Risk Area?</b>	Indicates if case may have been exposed to an infected tick in a known risk area.  NOTE: Enter any travel locations on the NDR form. If no travel, enter any possible local exposure locations in the comments section.	
<b>Symptomatic?</b>	Indicates whether the case had symptoms of the notifiable disease being reported.	
<b>Flu-like Symptoms?</b>	A general set of non-specific symptoms often associated with influenza, such as fever, chills, fatigue, muscle aches, and headache. These symptoms may occur with various illnesses and do not confirm influenza infection.	
<b>Anaplasmosis</b>	Anemia	Hemoglobin below sex-specific normal limits.
	Elevated hepatic transaminase concentrations	AST or ALT above the lab's upper reference range, suggesting liver inflammation.
	Elevated immature neutrophils	Increased band neutrophil proportion.
	Other (specify)	Include any additional notable findings.
<b>Babesiosis</b>	Anemia	Hemoglobin below sex-specific normal limits.
	Thrombocytopenia	A lower-than-normal platelet count in the blood.
	Other (specify)	Include any additional notable findings.
<b>Lyme Disease</b>	Bell's palsy	Loss of muscle tone or droop on one or both sides of the face.
	Cardiac symptoms	Heart palpitations or an irregular heart beat.
	Erythema migrans – single	A circular red rash with central clearing that slowly expands

	Erythema migrans – multiple	Multiple red lesions with dusky centers.
	Recurrent brief joint swelling (arthritis)	Arthritis-type pain and swelling in joints, especially knees and other large joints.
	Other neurological symptoms (specify)	Any other notable neurological symptoms.
	Other (specify)	Include any additional notable findings.
<b>Powassan</b>	Cognitive difficulties	Problems with memory, thinking, or concentration.
	Encephalitis	Acute inflammation of the brain.
	Meningitis	Acute inflammation of the membranes covering the spinal cord and brain.
	Seizures	Sudden, abnormal electrical activity in the brain.
	Other (specify)	Include any additional notable findings.

### Section 5 – Comments

<b>Comments</b>	Any significant additional notes related to the case that are relevant to the notifiable disease and have not been reported elsewhere on the form.
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