

POLIOMYELITIS

Case Definition

Confirmed Case:

Clinical illness with laboratory-confirmation of infection:

- Isolation of polio virus (vaccine or wild type) from an appropriate clinical specimen.
OR
- Detection of polio virus RNA.
OR
- Clinical illness in a person who is epidemiologically linked to a laboratory-confirmed case.

Confirmed cases can be further divided into 2 categories, for those definitions please see:

- <http://www.phac-aspc.gc.ca/publicat/ccdr-rmtc/09vol35/35s2/Polio-eng.php>.

Probable Case:

Clinical illness without detection of polio virus from an appropriate clinical specimen and without evidence of infection with other neurotropic viruses but with one of the following laboratory- confirmations of infection:

- Significant rise (e.g. fourfold or greater) in polio IgG titre by any standard serologic assay between acute and convalescent sera.
OR
- Positive serologic test for polio IgM antibody in the absence of recent immunization with polio virus-containing vaccine.

Clinical Evidence

Characterized by all of the following:

- Acute flaccid paralysis of one or more limbs.
- Decreased or absent deep tendon reflexes in the affected limbs.
- No sensory or cognitive loss.
- No other apparent cause (including laboratory investigation to rule out other causes of a similar syndrome) neurologic deficit present 60 days after onset of initial symptoms, unless the patient has died.

Reporting Requirements

- Report confirmed cases **immediately** to DHW Surveillance Team.
- Enter into Panorama.

Additional Forms

None.

Data Entry

Complete data entry in Panorama.