

# LEGIONELLOSIS

## Case Definition

### Confirmed Case:

Clinical illness with laboratory confirmation of infection:

- Isolation of *Legionella* species or detection of the antigen from respiratory secretions, lung tissue, pleural fluid, or other normally sterile fluids.  
**OR**
- A significant (e.g. fourfold or greater) rise in *Legionella* species IgG titre between acute and convalescent sera.  
**OR**
- IgG titre > 1:128 against *Legionella* species.  
**OR**
- Demonstration of *L. pneumophila* antigen in urine.

### Probable Case:

Clinical illness with demonstration of *Legionella* species DNA.

## Clinical Evidence

Comprises two distinct illnesses:

1. Legionnaire's disease, characterized by fever, myalgia, cough and pneumonia.
2. Pontiac fever, a milder illness without pneumonia.

## Reporting Requirements

- Report confirmed or probable cases to DHW Surveillance Team via Panorama.

## Additional Forms

None.

## Data Entry

Complete data entry in Panorama.