

Hantavirus Pulmonary Syndrome (HPS)

Disease Case Classification	
Confirmed Case	Clinical illness ¹ with laboratory confirmation of infection: <ul style="list-style-type: none"> ▪ Detection of hantavirus-specific IgM antibodies or a 4-fold or greater increase in hantavirus-specific IgG antibody titres OR <ul style="list-style-type: none"> ▪ Detection of hantavirus-specific ribonucleic acid sequence by PCR in an appropriate clinical specimen OR <ul style="list-style-type: none"> ▪ Detection of hantavirus antigen by immunohistochemistry
Probable Case	
National Surveillance	Confirmed Cases
Provincial Surveillance	Confirmed Cases
Type of Surveillance	Case-by-Case
Comments	Note: Health Canada Hantavirus Pulmonary Syndrome Surveillance Case Report form to be completed. Contact PHO on call.
Date of Development	June 2003

¹ Clinical illness case definition:

- a febrile illness (Temperature > 38.3° C [101° F] oral) requiring supplemental oxygen

PLUS

- bilateral diffuse infiltrates (may resemble acute respiratory distress syndrome [ARDS])

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- develops within 72 hours of hospitalization in a previously healthy person

OR

- unexplained illness resulting in death plus an autopsy examination demonstrating non-cardiogenic pulmonary edema without an identifiable specific cause of death