



## Swine Flu

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# Interim Guidance on Case Definitions to be Used For Investigations of Swine Influenza A (H1N1) Cases\*

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This document provides interim guidance for state and local health departments conducting investigations of human cases of swine influenza A (H1N1) virus. The following case definitions are for the purpose of investigations of suspected, probable, and confirmed cases of swine influenza A (H1N1) virus infection.

### Definitions of Respiratory Illness

1. Acute respiratory illness  
Recent onset of at least two of the following:
  1. rhinorrhea or nasal congestion
  2. sore throat
  3. cough
  4. fever or feverishness
2. Influenza-like illness: fever  $>37.8^{\circ}\text{C}$  ( $100^{\circ}\text{F}$ ) plus cough or sore throat

### Case Definitions for Infection with Swine Influenza A (H1N1) Virus

1. A Confirmed case of swine influenza A (H1N1) virus infection is defined as a person with an acute respiratory illness with laboratory confirmed swine influenza A (H1N1) virus infection at CDC by one or more of the following tests:
  1. real-time RT-PCR
  2. viral culture
  3. four-fold rise in swine influenza A (H1N1) virus specific neutralizing antibodies
2. A Probable case of swine influenza A (H1N1) virus infection is defined as a person with an acute respiratory illness with an influenza test that is positive for influenza A, but H1 and H3 negative.
3. A Suspected case of swine influenza A (H1N1) virus infection is defined as:
  1. A person with an acute respiratory illness who was a close contact to a confirmed case of swine influenza A (H1N1) virus infection while the case was ill **OR**
  2. A person with an acute respiratory illness with a recent history of contact with an animal with confirmed or suspected swine influenza A (H1N1) virus infection **OR**
  3. A person with an acute respiratory illness who has traveled to an area where there are confirmed cases of swine influenza A (H1N1) within 7 days of suspect case's illness onset.

Infectious period for confirmed cases = 1 day before onset to 7 days after onset of illness

Day before onset = Day -1

Onset day = Day 0

Days after onset = Days 1-7

\* These definitions are intended for establishing the epidemiology of swine influenza in humans. The definitions to be used for determining infection control measures are contained in [a separate document on infection control](#).

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