

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:
 - rhinorrhea or nasal congestion
 - sore throat
 - cough
 - fever or feverishness
2. **Influenza-like illness:**
 - fever $>37.8^{\circ}\text{C}$ (100°F) plus cough or sore throat

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

1. **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:
 - real-time RT-PCR
 - viral culture
 - 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:
 - 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**
 - 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**
 - 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