



**Content on this page was developed during the 2009-2010 H1N1 pandemic and *has not been updated.***

- **The H1N1 virus that caused that pandemic is now a regular human flu virus and continues to circulate seasonally worldwide.**
- **The English language content on this website is being archived for *historic and reference purposes only.***
- **For current, updated information on seasonal flu, including information about H1N1, see the CDC Seasonal Flu website (<http://www.cdc.gov/flu/>).**

## Human Swine Influenza Investigation

April 24, 2009 10:00 PM ET

Human cases of swine influenza A (H1N1) virus infection have been identified in the U.S. in San Diego County and Imperial County, California as well as in San Antonio, Texas. Internationally, human cases of swine influenza A (H1N1) virus infection have been identified in Mexico.

### U.S. Human Cases of Swine Flu Infection

State	# of laboratory confirmed cases
California	6 cases
Texas	2 cases

### International Human Cases of Swine Flu Infection

Country	# of laboratory confirmed cases
Mexico	7 cases

Cases will be updated daily at 3 PM ET

NOTE: Only international human cases confirmed by CDC laboratories will be reported

Investigations are ongoing to determine the source of the infection and whether additional people have been infected with similar swine influenza viruses.

CDC is working very closely with state and local officials in California, Texas, as well as with health officials in Mexico, Canada and the World Health Organization.

Topics on this page:

- [General Information \(#general\)](#)
- [Summary Guidance \(#guidance\)](#)
- [Guidance Documents \(#guidancedocs\)](#)
- [Transcripts \(#press\)](#)
- [Reports & Publications \(#publications\)](#)
- [Related Links \(#links\)](#)
- [Past Updates \(#past\)](#)

## General Information

[Swine Flu and You \(/h1n1flu/qa.htm\)](/h1n1flu/qa.htm)

What is swine flu? Are there human infections with swine flu in the U.S.? ...

[Key Facts about Swine Influenza \(Swine Flu\) \(/h1n1flu/key\\_facts.htm\)](/h1n1flu/key_facts.htm)

How does swine flu spread? Can people catch swine flu from eating pork? ...

[Swine Influenza in Pigs and People !\[\]\(a870788d6ed9b8fd294b7654a8c8526b\_img.jpg\) \(pdf/brochure.pdf\)](#)

Brochure

[Information in Spanish \(/h1n1flu/espanol/swine\\_espanol.htm\)](/h1n1flu/espanol/swine_espanol.htm)

Datos importantes sobre la influenza porcina...

## Summary Guidance

CDC has provided the following interim guidance for this investigation.

- [Residents of California and Texas \(#residents\)](#)
- [Clinicians \(#clinics\)](#)
- [State Public Health Laboratories \(#labs\)](#)
- [Public Health/Animal Health \(#pa\\_health\)](#)

## Residents of California and Texas

CDC has identified human cases of swine influenza A (H1N1) virus infection in people in these areas. CDC is working with local and state health agencies to investigate these cases. We have determined that this virus is contagious and is spreading from human to human. However, at this time, we have not determined how easily the virus spreads between people. As with any infectious disease, we are recommending precautionary measures for people residing in these areas.

- Cover your nose and mouth with a tissue when you cough or sneeze. Throw the tissue in the trash after you use it.
- Wash your hands often with soap and water, especially after you cough or sneeze. Alcohol-based hands cleaners are also effective.
- Try to avoid close contact with sick people.
- If you get sick, CDC recommends that you stay home from work or school and limit contact with others to keep from infecting them.
- Avoid touching your eyes, nose or mouth. Germs spread that way.

There is no vaccine available at this time, so it is important for people living in these areas to take steps to prevent spreading the virus to others. If people are ill, they should attempt to stay at home and limit contact with others. Healthy residents living in these areas should take everyday preventive

[actions \(http://www.cdc.gov/flu/protect/habits.htm\)](http://www.cdc.gov/flu/protect/habits.htm).

People who live in these areas who develop an illness with fever and respiratory symptoms, such as cough and runny nose, and possibly other symptoms, such as body aches, nausea, or vomiting or diarrhea, should contact their health care provider. Their health care provider will determine whether influenza testing is needed.

## Clinicians

Clinicians should consider the possibility of swine influenza virus infections in patients presenting with febrile respiratory illness who:

1. Live in San Diego County or Imperial County, California or San Antonio, Texas or
2. Have traveled to San Diego and/or Imperial County, California or San Antonio, Texas or
3. Have been in contact with ill persons from these areas in the 7 days prior to their illness onset.

If swine flu is suspected, clinicians should obtain a respiratory swab for swine influenza testing and place it in a refrigerator (not a freezer). Once collected, the clinician should contact their state or local health department to facilitate transport and timely diagnosis at a state public health laboratory.

## State Public Health Laboratories

Laboratories should send all unsubtypable influenza A specimens as soon as possible to the Viral Surveillance and Diagnostic Branch of the CDC's Influenza Division for further diagnostic testing.

## Public Health /Animal Health Officials

Officials should conduct thorough case and contact investigations to determine the source of the swine influenza virus, extent of community illness and the need for timely control measures.

## Guidance Documents

[Swine Influenza A \(H1N1\) Virus Biosafety Guidelines for Laboratory Workers \(guidelines\\_labworkers.htm\)](#) Apr 24, 2009

This guidance is for laboratory workers who may be processing or performing diagnostic testing on clinical specimens from patients with suspected swine influenza A (H1N1) virus infection, or performing viral isolation.

[Interim Guidance for Infection Control for Care of Patients with Confirmed or Suspected Swine Influenza A \(H1N1\) Virus Infection in a Healthcare Setting \(guidelines\\_infection\\_control.htm\)](#) Apr 24, 2009

[Interim Guidance on Case Definitions for Swine Influenza A \(H1N1\) Human Case Investigations \(casedef.htm\)](#) Apr 24, 2009

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.

## Transcripts

[Unedited Transcript of CDC Briefing on Public Health Investigation of Human Cases of Swine](#)

[Influenza \(http://www.cdc.gov/media/transcripts/2009/to90424.htm\)](http://www.cdc.gov/media/transcripts/2009/to90424.htm)

April 24, 2009 2:30 PM ET

[CDC Briefing on Public Health Investigation of Human Cases of Swine Influenza](http://www.cdc.gov/media/transcripts/2009/to90423.htm)

[\(http://www.cdc.gov/media/transcripts/2009/to90423.htm\)](http://www.cdc.gov/media/transcripts/2009/to90423.htm)

April 23, 2009 press briefing...

## Reports & Publications

[Update: Swine Influenza A \(H1N1\) Infections --- California and Texas, April 2009](http://www.cdc.gov/mmwr/preview/mmwrhtml/mm58d0424a1.htm)

[\(http://www.cdc.gov/mmwr/preview/mmwrhtml/mm58d0424a1.htm\)](http://www.cdc.gov/mmwr/preview/mmwrhtml/mm58d0424a1.htm)

Morbidity and Mortality Weekly Report (MMWR) April 24, 2009 / Vol. 58 / Dispatch;1-3


[Swine Influenza A \(H1N1\) Infection in Two Children – Southern California, March–April 2009](http://www.cdc.gov/mmwr/preview/mmwrhtml/mm58d0421a1.htm)

[\(http://www.cdc.gov/mmwr/preview/mmwrhtml/mm58d0421a1.htm\)](http://www.cdc.gov/mmwr/preview/mmwrhtml/mm58d0421a1.htm)

Morbidity and Mortality Weekly Report (MMWR) April 21, 2009 / Vol. 58 / Dispatch

## Related Links

[WHO - Influenza-Like Illness in the United States and Mexico](http://www.who.int/csr/don/2009_04_24/en/index.html)

[\(http://www.who.int/csr/don/2009\\_04\\_24/en/index.html\)](http://www.who.int/csr/don/2009_04_24/en/index.html)   [\(http://www.cdc.gov/Other/disclaimer.html\)](http://www.cdc.gov/Other/disclaimer.html)

## Past Updates

- [April 23, 2009 \(/h1n1flu/updates/investigation\\_042309.htm\)](http://www.cdc.gov/h1n1flu/updates/investigation_042309.htm)

---

Page last reviewed April 24, 2009 10:00 PM ET

Page last updated April 24, 2009 10:00 PM ET

Content source: [Centers for Disease Control and Prevention](#)

---

Centers for Disease Control and Prevention 1600 Clifton Road Atlanta, GA 30329-4027,  
USA

800-CDC-INFO (800-232-4636) TTY: (888) 232-6348 - [Contact CDC-INFO](#)

