

Vaccine Supply Status

Nationwide distribution of the H1N1 (Swine) flu vaccine is underway to all states. Approximately 6 million doses have been shipped throughout the United States. A weekly update on the vaccine supply and shipment status, complete with state-by-state numbers, is now available on the CDC website.

[View the Vaccine Supply Status page >>](#)

Key Flu Indicators

Each week CDC analyzes information about influenza disease activity in the United States and publishes findings of key flu indicators in a report called [FluView](#). During the week of October 4-10, 2009, a review of the key indicators found that influenza activity continued to increase in the United States from the previous week. Below is a summary of the most recent key indicators:

- [Visits to doctors](#) for influenza-like illness (ILI) continued to increase in the United States, and overall, are higher than what is expected for this time of the year. ILI activity now is equal to or higher than what is seen at the peak of many regular flu seasons.
- Total influenza [hospitalization](#) rates for laboratory-confirmed flu are climbing and are higher than expected for this time of year.
- The proportion of [deaths](#) attributed to pneumonia and influenza (P&I) based on the 122 Cities Report has increased and exceeds what is normally expected at this time of year. In addition, 11 flu-related pediatric deaths were reported this week; 10 of these deaths were confirmed 2009 H1N1, and one was influenza A virus, but untyped. Since April 2009, there have been 86 confirmed pediatric 2009 H1N1 deaths; 39 of these have been reported to CDC since August 30, 2009.
- Forty-one states are reporting [widespread influenza activity](#) at this time. They are: Alabama, Alaska, Arizona, Arkansas, California, Colorado, Delaware, Florida, Georgia, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maryland, Minnesota, Mississippi, Missouri, Montana, Nebraska, Nevada, New Hampshire, New Mexico, New York, North Carolina, North Dakota, Ohio, Oklahoma, Oregon, Pennsylvania, South Dakota, Texas, Tennessee, Utah, Virginia, Washington, West Virginia, Wisconsin, and Wyoming. This many reports of widespread activity are unprecedented during seasonal flu.
- Almost all of the influenza [viruses](#) identified so far are 2009 H1N1 influenza A viruses. These viruses remain similar to the virus chosen for the 2009 H1N1 vaccine, and remain susceptible to the antiviral drugs oseltamivir and zanamivir with rare exception.

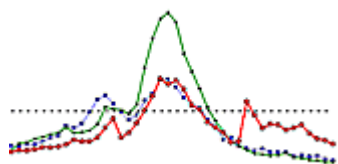
[Learn more >>](#)

U.S. Situation Update

[Weekly Flu Activity Estimates](#)



[U.S. Patient Visits Reported for Influenza-like Illness \(ILI\)](#)



[U.S. Influenza-like Illness \(ILI\) Reported by Regions](#)



U.S. Influenza and Pneumonia-Associated Hospitalizations and Deaths from August 30 – October 10, 2009 Posted October 16, 2009, 11:00 AM ET Data reported to CDC by October 13, 2009, 12:00 AM ET		
Cases Defined by	Hospitalizations	Deaths
Influenza and Pneumonia Syndrome*	15,696	2,029
Influenza Laboratory-Tests**	4,958	292

*Reports can be based on syndromic, admission or discharge data, or a combination of data elements that could include laboratory-confirmed and [influenza-like illness](#) hospitalizations.

**Laboratory confirmation includes any positive influenza test (rapid influenza tests, RT-PCR, DFA, IFA, or culture), whether or not typing was done.

This table is based on data reported to CDC by U.S. states and territories from a new influenza and pneumonia hospitalizations and deaths web-based reporting system. This system will be used to monitor trends in activity for the 2009-10 influenza season. This is a cumulative count beginning August 30, 2009. The table shows aggregate reports of all influenza and pneumonia-associated hospitalizations and deaths (including 2009 H1N1 and seasonal flu) since August 30, 2009 received by CDC from U.S. states and territories. This table will be updated weekly each Friday at 11 a.m. For the 2009-2010 influenza season, states are reporting based on new case definitions for hospitalizations and deaths effective August 30, 2009.

CDC will continue to use its traditional surveillance systems to track the progress of the 2009-2010 influenza season. For more information about influenza surveillance, including reporting of influenza-associated hospitalizations and deaths, see [Questions and Answers: Monitoring Influenza Activity, Including 2009 H1N1](#).

The number of 2009 H1N1 hospitalizations and deaths reported to CDC from April – August 2009 is available on the [Past Situation Updates page](#).

For state level information, refer to [state health departments](#).

International Human Cases of 2009 H1N1 Flu Infection
 See: [World Health Organization](#).

For more information about the U.S. situation, see the [CDC H1N1 Flu U.S. Situation Update page](#).

International Situation Update

This report provides an update to the international situation as of October 16, 2009. The World Health Organization (WHO) continues to [report laboratory-confirmed 2009 H1N1 flu cases and deaths](#) on its Web page. These laboratory-confirmed cases represent a substantial underestimation of total cases in the world, as many countries focus surveillance and laboratory testing only on people with severe illness. The 2009 H1N1 influenza

virus continues to be the dominant influenza virus in circulation in the world. Since April 19, 2009, over half of all influenza positive specimens reported to WHO were 2009 H1N1. In temperate regions of the Southern Hemisphere, disease due to 2009 H1N1 has returned to below baseline. In tropical regions of the Americas and Asia, influenza activity due to 2009 H1N1 remains variable. In temperate regions of the Northern Hemisphere, there is increased influenza-like illness (ILI) activity due to 2009 H1N1 in many areas, including Western Europe and Northern Asia, most of the United States, and parts of Mexico and Canada.

For more information about the international situation, see the [CDC H1N1 Flu International Situation Update page](#).

CDC Experts Contributing to WebMD's Focus on Flu Blog

In collaboration with WebMD, experts from the Centers for Disease Control and Prevention will be guest blogging and answer questions on WebMD's Focus on Flu Blog. October 7th, Dr. Anthony Fiore (NCIRD) has since blogs entries, [October 7, 2009, "CDC Update on Flu and Vaccine"](#) and [October 14, "Flu Shot or Nasal Spray Vaccine?"](#). The Focus on Flu blog is scheduled to run through the end of December.



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Recent Updates of Interest

- [Weekly FluView Map and Surveillance Report for Week Ending October 10, 2009](#)
During week 40 (October 4-10, 2009), influenza activity remained stable in the United States; however, there were still higher levels of influenza-like illness than is normal for this time of year.
- [2009-2010 Influenza Season Triage Algorithm for Children \(18 years or Younger\) With Influenza-Like Illness \(PDF\)](#)
This algorithm was developed for use by physicians and those under their direct supervision to help in discussions and providing advice to parents or other caregivers of ill children regarding seeking medical care for an influenza-like illness. The algorithm can be used regardless of whether or not the child has been vaccinated for influenza. (Caregivers of children who may have potentially life threatening signs and symptoms, such as unresponsiveness, or respiratory distress and/or cyanosis [blue-colored skin], should be instructed to dial 911.)
- [Pediatric Supplement: Recommendations for use of antiviral medications for 2009 H1N1 influenza in children and adolescents](#)
This document provides clinician guidance regarding use of antiviral medications for the management of 2009 H1N1 influenza in children and adolescents. Questions and answers regarding high risk groups, considerations for antiviral therapy, pharmaceutical considerations, and considerations for post-exposure chemoprophylaxis. Additional resources are included.
- [Updated Recommendations on Antivirals](#)
Updates include: considerations for vaccinated persons, inclusion of the 2-week postpartum period as higher risk, oseltamivir dosing instructions for children younger than 1 year, and a review of antiviral indications and contraindications.
- [Translations: Public Service Announcement Scripts: Hygiene Habits to Fight Novel H1N1 Flu](#)
Translations for Arabic, Farsi, Kirundi, Somali, and Burmese.
- [2009 H1N1 Flu: International Situation Update](#)
This report provides an update to the international situation as of October 16, 2009. The World Health Organization (WHO) continues to report updated 2009 H1N1 flu-associated laboratory-confirmed cases and deaths on its Web page.
- [2009 H1N1 Influenza Vaccine Supply Status](#)
Every Friday, CDC will post updated 2009 H1N1 vaccine supply and distribution data.
- [U.S. Influenza and Pneumonia-Associated Hospitalizations and Deaths from October 4-10, 2009](#)
During the week of October 4-10, 2009, influenza activity continued to increase in the United States. Flu activity is now widespread. Nationwide, visits to doctors for influenza-like-illness increased over last week and are higher than expected for this time of year. In addition, flu-related hospitalizations and deaths are increasing as well, and are higher than expected.

- [FLYER: 2009 H1N1 Flu Vaccine: It Takes Two \(PDF - Spanish translation\)](#)
Get your child a second 2009 H1N1 flu vaccine dose.
- [FLYER: 2009 H1N1 Flu Vaccine: It Takes Two \(PDF\)](#)
Get your child a second 2009 H1N1 flu vaccine dose.
- [Updated: 2009 H1N1 Influenza Vaccine](#)
Updated question and answer for 2009 H1N1 Influenza Vaccine.
- [2009 H1N1 Flu and Seasonal Flu Information for Rheumatology Health Professionals](#)
This document provides clinician guidance regarding the rheumatologic patient population. Questions and answers regarding risk, vaccines and patient advice are available. Additional resources are included in this guidance as well.
- [2009 H1N1 Flu and Seasonal Flu Information for People with Inflammatory Arthritis or Rheumatic Disease](#)
The purpose of this document is to provide guidance for people with inflammatory arthritis and rheumatic disease regarding seasonal and H1N1 flu. Important questions and answers are provided for this specific population. Additional resources are included in this guidance as well.
- [Allocation and Distribution Questions and Answers](#)
The purpose of this document is to provide information on plans for allocation and distribution of 2009 H1N1 vaccine. This document has been updated with additional information about the distribution process.
- [Questions and Answers about CDC's Interim Guidance on Infection Control Measures for 2009 H1N1 Influenza in Healthcare Settings, Including Protection of Healthcare Personnel](#)
How is this recommendation different from the previous 2009 H1N1 guidance for healthcare personnel?....Who should use this guidance?....
- [Interim Guidance on Infection Control Measures for 2009 H1N1 Influenza in Healthcare Settings, Including Protection of Healthcare Personnel](#)
Updated interim guidance on infection control measures to prevent transmission of 2009 H1N1 influenza in healthcare facilities. This updated guidance applies uniquely to the special circumstances of the current 2009 H1N1 pandemic and will be updated as necessary as new information becomes available throughout the course of this influenza season.
- [Questions and Answers Regarding Respiratory Protection For Preventing 2009 H1N1 Influenza Among Healthcare Personnel](#)
Questions and Answers which provide additional information intended to assist healthcare facilities in optimizing implementation of recommended respiratory protection practices in the context of shortages of respiratory protection equipment.
- [2009 H1N1 and Seasonal Flu: What You Should Know About Flu Antiviral Drugs](#)
Antiviral drugs are prescription medicines that fight against the flu in your body.

Additional Updates on the CDC H1N1 Flu Website

To learn about other recent updates made to the CDC H1N1 Flu Website, please check the "What's New" page on the [CDC H1N1 Flu website](#).

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