

pH1N1 Flu Virus (Human Swine Influenza) Information Resources

Current as of September 30, 2009 at 4pm

Highlights

New Zealand: The Ministry of Health intends to today suspend inflight cabin announcements around Swine flu, and return to the normal levels of health screening of flights in and out of New Zealand. The reported level of influenza has declined to levels similar to the level at this time in the past two years. Influenza is still circulating, but this measure better reflects the reduced level of risk.

Literature: [\[NEWS\] UN seeks \\$1.5bn and donations of vaccines to help poor nations fight swine flu](#)

[MMWR EARLY RELEASE: Bacterial Coinfections in Lung Tissue Specimens from Fatal Cases of 2009 Pandemic Influenza A \(H1N1\) --- United States, May--August 2009](#)

[Salicylates and Pandemic Influenza Mortality, 1918–1919 Pharmacology, Pathology, and Historic Evidence](#)

[Inactivated influenza vaccine effectiveness against influenza-like illness among young children in Japan—With special reference to minimizing outcome misclassification](#)

[The timing of influenza vaccination for older adults \(65 years and older\)](#)

CIDRAP: [CDC looks to improve H1N1 obstetric guidance](#)

Contents

[Events](#)

Updates by Jurisdiction

Ontario

[Ontario Ministry of Health and Long-Term Care \(MOHLTC\)](#)
[Ontario Agency for Health Promotion and Protection \(OAHPP\)](#)

Canada

[Public Health Agency of Canada \(PHAC\)](#)

United States

[Centers for Disease Control and Protection \(CDC\)](#)
[Center for Infectious Disease Research & Policy](#)
[Other US Sources](#)

Europe

[United Kingdom's Health Protection Agency \(HPA\)](#)
[UK Department of Health](#)
[European Centre for Disease Control and Prevention \(ECDC\)](#)
[European Union](#)

International

[World Health Organization \(WHO\)](#)
[Pan American Health Organization \(PAHO\)](#)
[Australia and New Zealand](#)

Other Resources

[Consumer Health Information Resources](#)
[pH1N1 Clinical Information](#)
[Research Articles](#)
[Clinical and Public Health Practice Tools](#)
[Historical Resources](#)
[Travel Advisories](#)

Events

Current / Upcoming

[SEP 30] [COCA Conference Call: Overview of H1N1 Vaccine Safety: Licensing, Clinical Trials, and Vaccine Safety Monitoring](#)

Date: Wednesday, September 30, 2009 | Time: 2:00 - 3:00 PM ET

Call-in number: 800-779-2692 | Passcode: 1729279

PowerPoint Presentation will be available on the COCA website on September 30th.

Objectives: After this activity, the participants will be able to:

- Recognize the vaccine safety systems put into place by Department of Health and Human Services and its agencies.
- Define FDA's licensure process for 2009 H1N1 influenza vaccine.
- Discuss results from 2009 H1N1 influenza vaccination clinical trials conducted by NIH.
- Describe several post-licensure vaccine safety monitoring systems managed by CDC and FDA.
- Know how to handle reporting of any potential adverse events post-vaccination.

[SEP 29] [National Obstetric Grand Rounds: Pandemic \(H1N1\) 2009 Influenza and Pregnancy](#)

Speakers: Sonja Rasmussen, MD MS | Denise Jamieson, MD MPH | Kevin Ault, MD
The PowerPoint Presentation will be available on the COCA website.

Archived

[SEP 25] Public Health Agency of Canada update on the H1N1 flu virus.

Webcast of media briefing: [http://www.phac-aspc.gc.ca/alert-
alerte/h1n1/h1n1_webcast-eng.php](http://www.phac-aspc.gc.ca/alert-alerte/h1n1/h1n1_webcast-eng.php)

[SEP 23] [Social Media and Technology Breakthroughs: H1N1 and Seasonal Flu Communication](#)

Free Webinar to Discuss Using Social Media to Plan and Communicate for Flu

[SEP 23] [Planning for an Influenza Pandemic in the Home Health Care Sector \(Web Conference\)](#)

To showcase resources that can support emergency preparedness planning within AHRQ will host a Web conference on September 23, 2009.

[ARCHIVED] U.S. DHHS [H1N1 Video Briefing archive](#)

- September 8: Rear Admiral Anne Schuchat (CDC) gives a briefing on updated recommendations on the use of antivirals as well as an update on the H1N1 (swine) flu.

[ARCHIVED] [Know what to do about the flu](#) : webcast series from the U.S flu.gov

- September 9: Parents and Child Care Providers

Ministry of Health and Long-Term Care (MOHLTC)

- [SEP 28] [Ontario Influenza Bulletin: Surveillance Week 37 \(Sep 13 – Sep 19\)](#)
- Overall, influenza activity in Ontario during week 37, 2009, was similar compared to week 36, 2009.
 - Ontario health units reported 12 new confirmed cases of influenza through the integrated Public Health Information System (iPHIS). This count includes 7 laboratory confirmed cases of pH1N1.
 - During week 37, new laboratory
 - confirmed cases of pH1N1 continued to be seen in the Eastern, Central East, and Central West regions.
 - No new institutional influenza outbreaks were reported.
 - For week 37, health units reported either 'sporadic' level or no influenza activity. The rate of influenza-like illness (ILI) in patients seen by sentinel physicians was slightly above the range that is expected for this time of the year based on the average ILI rate reported in week 37 from the past 3 years.

[SEP 24] News release: [Ontario Announces Flu Shot Rollout for Seasonal and H1N1 Vaccines](#)

[ARCHIVED] [Previous MOHLTC updates and news conference video footage](#)

Important Health Notices

[ARCHIVED] [Last H1N1 update was August 18](#)

Ontario Agency for Health Protection and Promotion (OAHPP)

[SEP 23] [Weekly Synthesis of Surveillance Information, Literature & Government Updates](#) (week ending Sep 18, 2009)

[SEP 22] [Laboratory Surveillance Report September 22nd](#)

[ARCHIVED] [Swine influenza outbreak page](#)

Public Health Agency of Canada (PHAC)

PHAC issues national updates on H1N1-associated deaths on Tuesdays and Thursdays at 4 pm, and will report regularly on any unusual outbreaks or clusters of illness.

[SEP 24] [Respiratory Virus Infections Detected](#)

[SEP 29] [Deaths Associated with H1N1 flu virus in Canada](#) [Sept. 22 – 24]
No deaths reported since last update, 78 deaths in total.

[SEP 23] [FluWatch findings for Week 36 \(week ending Sep 12\)](#)

- Week 35 marks the start of the 2009-2010 Influenza Season
- The overall trend of influenza activity remains similar to the previous week. However, the national ILI consultation rate increased to 23 consultations per 1.000 this week which is within the range of expected level at this time of the year.

- The peak period of Pandemic (H1N1) 2009 occurred in the first three weeks of June.
- The intensity of Pandemic (H1N1) infection 2009 in the population is low to moderate with a small number of hospitalizations (n=15) and two deaths reported this week. As of September 12, 2009, a total of 1,459 hospitalized cases, 288 cases admitted to an intensive care unit (ICU) and 76 deaths had been reported since the beginning of the pandemic.
- While the Pandemic (H1N1) 2009 has spread to all provinces and territories, approximately 90% of hospitalized cases and more than 85% of deaths are reported from 4 provinces (AB, MB, ON, QC). Hospitalized cases were reported from BC, AB, ON, QC and NT this week.
- Children under 2 years of age, pregnant women, persons under 65 years of age with underlying medical conditions and Aboriginal populations have higher rates of hospitalization and greater risk of severe outcomes (ICU admission and death). Aboriginal communities have more pregnant women, young children, and underlying chronic disease than the general Canadian population, which may explain the disproportionate number of severe cases in this population.

[ARCHIVED] [Previous PHAC documents and updates](#)

Centers for Disease Control and Prevention (CDC) and US Department of Health and Human Services

CDC reports the total number of H1N1 hospitalizations and deaths each Friday.

- [SEP 29] [Interim Recommendations for Clinical Use of Influenza Diagnostic Tests During the 2009-10 Influenza Season](#)
- [QUESTIONS & ANSWERS : Influenza Diagnostic Testing During the 2009-2010 Flu Season](#)
 - [Interim Recommendations for Clinical Use of Influenza Diagnostic Testing During the 2009-2010 Influenza Season : For Health Care Providers](#)
- [SEP 28] [CDC Health Alert Network \(HAN\) Info Service Message: Updated Pediatric Antiviral Dosing Syringe and Compounding Information for 2009 H1N1 and Seasonal Flu](#)
- [SEP 25] [Weekly Influenza Activity Estimates Reported by State and Territorial Epidemiologists](#)
- September 13- September 19:
- Influenza and Pneumonia Syndrome: 8,392 hospitalized, 822 deaths
 - Influenza Laboratory-tests: 690 hospitalized, 114deaths
 - Total: 10,082 hospitalizations and 936 deaths
- [SEP 25] [Weekly FluView Map and Surveillance Report for Week Ending September 19, 2009](#)
- During week 36 (September 13-19, 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.
- [SEP 25] [2009 H1N1 Flu: International Situation Update](#)

- The 2009 H1N1 influenza virus is the predominant influenza virus in circulation worldwide in most countries worldwide.
- The epidemiology of disease caused by 2009 H1N1 influenza in the Southern Hemisphere is very similar to that described in the United States in the spring of 2009.
- There have been no significant changes detected in the 2009 H1N1 influenza viruses isolated from persons in the Southern Hemisphere as compared to viruses isolated from persons in the Northern Hemisphere.
- In August, a White House report was prepared by the Department of Health and Human Services (HHS) in coordination with the Office of the Director for National Intelligence (ODNI) and the Department of State (DoS) and describes the characteristics and impact of 2009 H1N1 influenza A virus in the Southern Hemisphere. The full report can be accessed by the link provided in the Reports and Publications section below.
- As of September 25, 2009, WHO reported that more than 10,000 2009 H1N1 influenza isolates worldwide were tested and found to be sensitive to oseltamivir, an antiviral medicine used to treat influenza disease. Only 28 2009 H1N1 isolates tested have been found to be resistant to oseltamivir – 11 of these isolates were detected in the United States.
- On September 18, 2009, the United States, together with Australia, Brazil, France, Italy, New Zealand, Norway, Switzerland and the United Kingdom, announced plans to donate pandemic vaccine to the developing world.

[SEP 25] [Update: Translations for Action Steps for Parents if School is Dismissed or Children are Sick and Must Stay Home](#)

[SEP 25] [Update:Translations for Preparing for the Flu: A Communication Toolkit for Institutions of Higher Education](#)

[SEP 25] [Update: Translations for Emergency Use Authorization of Tamiflu \(oseltamivir\)](#)

[SEP 25] [Update: Translations for Action Steps for Parents to Protect Your Child and Family from the Flu this School Year](#)

[SEP 25] [Update: Translations for Action Steps for Parents of Children at High Risk for Flu Complications](#)

[ARCHIVED] [Previous CDC documents and updates](#)

Other US Sources

[SEP 29] Institute of Medicine: [Guidance for Establishing Crisis Standards of Care for Use in Disaster Situations](#)

[SEP 24] [HHS Agency for Healthcare Research and Quality \(AHRQ\). Mass Medical Care with Scarce Resources: The Essentials.](#)

[SEP 24] [H1N1 Flu: A Guide for Community and Faith-based](#)

[SEP 21] [DHHS Office of Inspector General report on pandemic preparedness and medical surge](#)

[SEP 21] [DHHS Office of Inspector General report on pandemic preparedness and vaccine and antiviral distribution](#)

[SEP 21] National Institute of Allergy and Infectious Diseases: [Early Results: In Children, 2009 H1N1 Influenza Vaccine Works Like Seasonal Flu Vaccine](#)

Center for Infectious Disease Research and Policy



[SEP 29] [CDC looks to improve H1N1 obstetric guidance](#)

Lisa Schnirring ■ Staff Writer (CIDRAP News) – As more pregnant women enter hospital delivery rooms sick with pandemic H1N1 flu, health professionals and their patients are struggling with some of the elements in federal guidance—such as having patients wearing masks during labor—that will soon be revised, experts from the US Centers for Disease Control and Prevention (CDC) said today.

[SEP 29] [Protection after early flu shots likely to last all season](#)

[SEP 29] [CDC cites bacterial infections in some H1N1 deaths](#)



[SEP 29] [CDC addresses liquid Tamiflu supply, dosing concerns](#)

The US Centers for Disease Control and Prevention (CDC) yesterday posted a notice about possible shortages of the pediatric liquid suspension oseltamivir (Tamiflu) as more states report widespread activity. The CDC said pharmacists may need to compound Tamiflu capsules into a liquid syrup to help fill the demand. Also, the CDC warned that the units on the liquid dosing dispenser have led to some confusion, and doctors and pharmacists need to ensure that their dosing instructions match.



[SEP 29] [Report offers lessons from school closures in 1918 pandemic](#)

Researchers who combed the records of 43 cities that closed schools during the 1918 flu pandemic found that closures worked best when there were clear lines of authority between agencies and good communication between school officials and the public, according to a report in *Health Affairs*. Usually, school closures were linked to community-wide steps such as quarantine, isolation, and public-meeting bans. The authors say that preparedness and dialogue are the key to smooth implementation.



[SEP 29] [Flu threat prompts suspension of school attendance incentive](#)

School officials in Bismarck, N.D., have suspended an attendance incentive at the city's two public high schools to encourage students to stay home if they are sick, the Associated Press reported yesterday. The pandemic H1N1 virus is hitting schools in most states, though North Dakota is reporting localized flu activity, according to the latest national surveillance report. The incentive allows students to skip most final exams if they have no more than two excused absences and two tardies.



[SEP 29] [Ho Chi Minh City reports success with field hospital for H1N1 patients](#)

Ho Chi Minh City's health department said an H1N1 field hospital that was set up in August has proved "immensely effective," according to the Vietnamese newspaper

Thanh Nien. The 11-room hospital has treated 200 patients, some in critical condition. The health department is seeking permission to set up similar field hospitals in other parts of the city to relieve hospital overcrowding. Meanwhile, Vietnam's official H1N1 case count has reached 8,065, with 14 deaths, the story said.

[SEP 29] [Zambian district bans social gatherings](#)
Health authorities in Zambia's Luanshya district have banned weddings and other social gatherings to curb the spread of the pandemic H1N1 virus, according to a Sep 26 Times of Zambia report that was picked up by Xinhua, China's state news agency.

[SEP 29] [British Columbia pares back seasonal flu efforts](#)
British Columbia said today it would delay promoting seasonal flu shots until early in 2010, except for those in high-risk groups such as older people, the Vancouver Sun reported. Quebec, Alberta, Saskatchewan, Ontario, and Nova Scotia announced similar steps in the past few days.

[SEP 29] [High antiviral dosage may have saved H1N1 patients](#)
Doubling the dosage of oseltamivir (Tamiflu) in patients with severe H1N1 flu cases has helped Prince of Wales Hospital in Hong Kong avoid any deaths from the disease so far, according to the Hong Kong newspaper The Standard.

[SEP 29] [Pandemic chokes flow of pilgrims to Mecca](#)
Worries about the H1N1 pandemic have kept many Muslims from traveling to Mecca for the minor pilgrimage called umra, which can be done any time of year, according to the Herald, a Scottish newspaper.

[ARCHIVED] [Current overview and older updates from CIDRAP](#)

Health Protection Agency (UK)

[SEP 24] [HPA Weekly National Influenza Report](#)

[SEP 24] [HPA weekly pandemic flu media update](#)

- The rates of flu-like illness and related activity have shown further increases in England.
- The flu-like illness rate in England from the Royal College of General Practitioners (RCGP) scheme increased to 16.2 per 100,000 in week 38. Most age groups saw an increase.
- This week, the antiviral collection numbers in the National Pandemic Flu Service have continued to increase and this has been seen in all age groups under 65. Once again, the biggest increase has been seen in the 5-15 year old age group with antiviral collections again doubling from 2,886 to 5,580.
- Interpretation of data to produce estimates on the number of new cases continues to be subject to a considerable amount of uncertainty. HPA modelling gives an estimate of 9,000 new cases in England last week (range 5,000 to 20,000). This is the second weekly increase since week 30.
This estimate incorporates data from National Pandemic Flu Service and GP consultations.
- Sharp rises in influenza activity in recent weeks are reported from the USA - concentrated particularly in school age children. Increasing activity has also been reported in a number of European countries, particularly France.

[ARCHIVED] [Swine Influenza page](#)

Department of Health (UK)

[SEP 29] [Pandemic influenza: recommendations on the use of antiviral medicines for pregnant women, women who are breastfeeding and children under the age of one year](#)

[SEP 24] [Dosage of oseltamivir in children under one year of age with swine flu](#)

[ARCHIVE] [DH Pandemic Flu site](#)

European Centre for Disease Prevention and Control (ECDC) and European Society for Clinical Microbiology and Infectious Diseases

[SEP 29] [First European report of transmission of the pandemic A\(H1N1\) 2009 influenza virus from humans to pigs \(UK\)](#)



[SEP 30] [ECDC Daily Update: Pandemic H1N1 2009](#)

- European Commission authorised two pandemic influenza vaccines;
- First European report of transmission of the pandemic A(H1N1) 2009 influenza virus from humans to pigs (UK);
- Total of 174 fatal cases in Europe and EFTA countries and 4160 in the rest of the world have been reported up to date.

[SEP 28] [ECDC comments on MMWR report on Antiviral resistant viruses in the 2009 influenza pandemic and implications for use of antivirals](#)

[SEP 28] [ECDC Executive Update: Pandemic influenza A\(H1N1\) 2009 \(Issue 12\)](#)

[SEP 25] [Current Pandemic Risk Assessment](#)

- Well prepared essential services are not overly taxed by this pandemic in its current form but that there are pressures experienced by hospital services, especially intensive care units.
- Planning assumptions (reasonable worst-case scenarios) for clinical attack, hospitalisation and case fatality rates have been reduced.
- There are a number of indications of there being asymptomatic infections.
- Moreover, there are descriptions of unusual and very severe clinical conditions experienced by some individuals, especially primary viral pneumonias leading to Acute Respiratory Distress Syndrome (ARDS), as well as single and multiple organ failure.
- The additional individual risk of severe disease experienced by pregnant women because of infection with the pandemic infection has now been roughly quantified.

[ARCHIVED] [Maps, surveillance summaries and previous ECDC updates](#)

European Union

[SEP 25] [EMEA gives positive opinions for authorisation of two pandemic influenza vaccines](#)

[ARCHIVE] [European Union Influenza H1N1 page](#)

World Health Organization (WHO)

WHO no longer issues the global tables showing the numbers of confirmed cases for all countries. Regular updates describing the situation in the newly affected countries are provided.

[SEP 29] [WHO supports fair access to influenza A \(H1N1\) vaccine.](#)
Kienny MP. Bull World Health Organ. 2009 Sep;87(9):653-4.

[SEP 29] [Support for developing countries' response to the H1N1 influenza pandemic. Joint Statement by the UN Secretary-General and the WHO Director-General](#)

[SEP 25] [Pandemic \(H1N1\) 2009 - update 67](#)

- As of 20 September 2009, there have been more than 300,000 laboratory confirmed cases of pandemic influenza H1N1, 3917 deaths, in 191 countries and territories reported to WHO.
- All pandemic H1N1 2009 influenza viruses analyzed to date have been antigenically and genetically similar to A/California/7/2009-like pandemic H1N1 2009 virus.
- In the temperate regions of the northern hemisphere, influenza-like-illness (ILI) activity continues to increase in many areas. In the tropical regions of the Americas and Asia, influenza activity remains variable. Although most countries in the tropical regions of the Americas are still reporting regional to widespread geographic spread of influenza activity, there is no consistent pattern in the trend of respiratory diseases. In the temperate regions of the southern hemisphere, influenza transmission has largely returned to baseline (Chile, Argentina, and New Zealand) or is continuing to decline (Australia and South Africa).

[SEP 25] [Antiviral use and the risk of drug resistance Pandemic \(H1N1\) 2009 briefing note 12](#)

[SEP 24] [Director-General Statement following the fifth meeting of the Emergency Committee](#)

[SEP 24] [Pandemic influenza vaccines: current status](#)
Pandemic (H1N1) 2009 briefing note 11

[ARCHIVED] [WHO H1N1 Guidance Documents](#)

[ARCHIVED] [Older WHO Updates](#)

Pan-American Health Organization (PAHO)

- [SEP 25] [Regional Update for Epidemiological Week 37 \(EW 37\), Sep 13-19](#)
- Only the 18 countries reported updated information to PAHO regarding the qualitative indicators to monitor pandemic (H1N1) 2009 this week
 - 14 countries in the Region reported having widespread geographical distribution of influenza virus
 - Brazil and Cuba reported regional activity and Dominica and Saint Kitts and Nevis reported no activity
 - Barbados, Canada, Cuba, Honduras, Jamaica, Mexico, and the United States reported an increasing trend of respiratory disease. Brazil, Costa Rica, El Salvador, Paraguay, Saint Kitts and Nevis, and Venezuela reported a decreasing trend. The other five countries reported an unchanged trend
 - Regarding the intensity of acute respiratory disease, El Salvador, Mexico, and Paraguay reported high intensity of acute respiratory disease. The remaining 15 countries reported low or moderate intensity
 - Nine countries (Barbados, Brazil, Costa Rica, Ecuador, El Salvador, Mexico, Paraguay, United States, and Venezuela) reported moderate impact on health care services, while eight countries reported low impact (Map 4).
- [SEP 25] [PAHO/WHO launches two communities of practice \(CoPs\) related to the Pandemic \(H1N1\) 2009](#)
- [ARCHIVED] [PAHO Influenza A \(H1N1\) Portal](#)

Australia and New Zealand

- [SEP 26] [New influenza testing equipment for all States and Territories](#)
- The Australian Government will provide \$1.4 million in funding to the National Influenza Centres and other public health laboratories to purchase automated influenza testing equipment. Every State and Territory will receive funding as part of this initiative. This new equipment will enhance the capacity for pandemic influenza testing by Australia's public health facilities and allow laboratories to handle increased influenza testing demand.



- [SEP 30] [Australia National H1N1 Influenza 09 Update](#)
- At noon today Australia has 36,626 confirmed cases of pandemic (H1N1) 2009.
 - The number of deaths associated with pandemic (H1N1) 2009 continues to increase. As of 30 September, 180 people have died. Of these deaths, four were pregnant women and 24*(13.33%) were Indigenous.
 - There have been 77 new hospitalisations for the current week around Australia with pandemic (H1N1) 2009. Of these, 11 of the people in hospital are Indigenous Australians. There have been 5 people admitted to Intensive Care Units this week
 - The total number of hospitalisations in Australia since pandemic (H1N1) 2009 is identified at 4,778.



- [SEP 30] [New Zealand Pandemic Influenza \(H1N1\) 09 Swine Flu - Update 153](#)
- There are a total of 3163 confirmed cases of Pandemic Influenza (H1N1) 09 swine flu

- The number of deaths from Pandemic Influenza (H1N1) swine flu where swine flu was a primary cause is 18.
- The Ministry of Health intends to today suspend inflight cabin announcements around Swine flu, and return to the normal levels of health screening of flights in and out of New Zealand.
- The reported level of influenza has declined to levels similar to the level at this time in the past two years. Influenza is still circulating, but this measure better reflects the reduced level of risk.

•
[ARCHIVED] [New Zealand's H1N1 page](#)

[ARCHIVED] [New Pandemic Phase \(PROTECT\) Guidelines](#) [Australia]

pH1N1 Clinical Information

[Ebsco Influenza Portal](#)

Due to Pandemic H1N1 Influenza and concerns about the 2009/2010 flu season, the EBSCO Publishing Medical and Nursing editors of *DynaMed™*, *Nursing Reference Center™* (NRC) and *Patient Education Reference Center™* (PERC) have made key influenza information from these resources freely available to health care providers worldwide. *Contact your library for access.*

Research Articles (1 week backfile)

What's new today, plus a one week backfile. Articles with an asterisk () indicate that a subscription is required to view the full text. [Contact your library for access to full text articles.](#)*

[Medline literature search on H1N1](#) (current as of today)



[SEP 30] [\[NEWS\] UN seeks \\$1.5bn and donations of vaccines to help poor nations fight swine flu](#)

Zarocostas J. BMJ.



[SEP 30] [\[LETTERS\] A/H1N1 and other viruses affecting cystic fibrosis](#)

Whitaker P, Etherington C, Denton M, Conway S, Peckham D. BMJ



[SEP 30] [\[NEWS\] European agency approves swine flu vaccines for licensing](#)

Cook S. BMJ



[SEP 30] [EARLY RELEASE: Bacterial Coinfections in Lung Tissue Specimens from Fatal Cases of 2009 Pandemic Influenza A \(H1N1\) --- United States, May--August 2009](#)

MMWR Volume 58, Early Release September 29, 2009



[SEP 30] [Salicylates and Pandemic Influenza Mortality, 1918–1919 Pharmacology, Pathology, and Historic Evidence](#)



[SEP 30] [Inactivated influenza vaccine effectiveness against influenza-like illness among young children in Japan—With special reference to minimizing outcome misclassification](#)

Vaccine, In Press, Uncorrected Proof, Available online 26 September 2009



- [SEP 30] [The timing of influenza vaccination for older adults \(65 years and older\)](#)
Bruce Y, Lee JHY, Tai RR, Bailey KJ, et al. Vaccine, In Press, Uncorrected Proof, Available online 26 September 2009
- [SEP 29] [Home educating in an extended family culture and aging society may fare best during a pandemic](#)
Dawson W, Yamamoto K. PLoS One. 2009 Sep 28;4(9):e7221.
- [SEP 29] [Dynamic Behavior of Avian Influenza A Virus Neuraminidase Subtype H5N1 in Complex with Oseltamivir, Zanamivir, Peramivir, and Their Phosphonate Analogues*](#)
Udommaneethanakit T et al. J Chem Inf Model. 2009 Sep 28. [Epub ahead of print]
- [SEP 29] [Toward unsupervised outbreak detection through visual perception of new patterns*](#)
Lévy PP, Valleron AJ. BMC Public Health. 2009 Jun 10;9:179.
- [SEP 29] [Lack of Airborne Transmission during Pandemic \(H1N1\) 2009 Outbreak among Tour Group Members, China, June 2009](#)
Han K et al. Emerging Infectious Diseases. 15(10):1578-81.
- [SEP 29] [Poor Clinical Sensitivity of Rapid Antigen Test for Influenza A Pandemic \(H1N1\) 2009 Virus](#)
Drexler JF et al. Emerging Infectious Diseases. 15(10):1662-4.
- [SEP 29] [A Model-based Assessment of Oseltamivir Prophylaxis Strategies to Prevent Influenza in Nursing Homes](#)
van del Dool et al. Emerging Infectious Diseases. 15(10):1547-55.
- [SEP 29] Letter: [Influenza A \(H1N1\) Outbreak and School Closure, Japan](#)
Kawaguchi R et al. Emerging Infectious Diseases. 15(10):1685.
- [SEP 29] Letter: [Drug Stockpiles for Pandemic Influenza](#)
Li Wan Po A et al. Emerging Infectious Diseases. 15(10):1686-7.
- [SEP 29] News: [UN seeks \\$1.5bn and donations of vaccines to help poor nations fight swine flu](#)
Zarocostas J et al. BMJ 2009;339:b3988
- [SEP 29] News: [European agency approves swine flu vaccines for licensing](#)
Cook S et al. BMJ 2009;339:b3992.
- [SEP 29] [Estimation of the reproductive number and the serial interval in early phase of the 2009 influenza A/H1N1 pandemic in the USA*](#)
White LF et al. Influenza and Other Respiratory Viruses. [Epub ahead of print]
- [SEP 29] [The severity of pandemic H1N1 influenza in the United States, April – July 2009](#)
Presanis A et al. PLoS Currents: Influenza. Accepted: Sep 26/09.

- [SEP 29] [Closing The Schools: Lessons From The 1918-19 U.S. Influenza Pandemic](#)
Stern AM et al. Health Affairs. [Epub ahead of print]
- [SEP 28] [Public Willingness to Take a Vaccine or Drug Under Emergency Use Authorization during the 2009 H1N1 Pandemic.](#)
Quinn SC et al. Biosecur Bioterror. 2009 Sep 23.
- [SEP 28] [Observations on Past Influenza Pandemics](#)
Barry JM. Disaster Medicine and Public Health Preparedness. [Epub ahead of print]
- [SEP 28] [Effective Pandemic Preparedness](#)
Yeskey K. Disaster Medicine and Public Health Preparedness. [Epub ahead of print]
- [SEP 28] [Impact of pandemic \(H1N1\) 2009 influenza on critical care capacity in Victoria.*](#)
Lum ME et al. eMJA rapid online publication.
- [SEP 28] [Inactivated influenza vaccine effectiveness against influenza-like illness among young children in Japan—With special reference to minimizing outcome misclassification*](#)
Ochiaia H et al. Vaccine. [Epub ahead of print]
- [SEP 28] [The timing of influenza vaccination for older adults \(65 years and older\)*](#)
Lea BY et al. Vaccine. [Epub ahead of print]
- [SEP 28] [Parental attitude toward influenza A\(H1N1\)v vaccination in Italy*](#)
Tozzi AE et al. Vaccine. [Epub ahead of print]
- [SEP 28] [News: Children are likely to need two doses of swine flu vaccine](#)
Wise J. BMJ 2009;339:b3969.
- [SEP 28] [Intervention strategies for an influenza pandemic taking into account secondary bacterial infections*](#)
Handela A et al. Epidemics. [Epub ahead of print]
- [SEP 28] [Evolutionary complexities of swine flu H1N1 gene sequences of 2009*](#)
Sinhaa NK et al. Biochemical and Biophysical Research Communications. [Epub ahead of print]
- [SEP 25] [The University of Toronto Centre for Bioethics. Ethics and Pandemic Influenza White Paper series.](#)
- [SEP 25] [Performance of rapid influenza diagnostic tests during two school outbreaks of 2009 pandemic influenza A \(H1N1\) virus infection -- Connecticut, 2009.](#)

Sabetta J et al. MMWR. 2009; 58(37):1029-1032

- [SEP 25] [Public Willingness to Take a Vaccine or Drug Under Emergency Use Authorization during the 2009 H1N1 Pandemic.](#)
Quinn SC et al. Biosecur Bioterror. 2009. Published online Sep 23.
- [SEP 24] [Influenza \(H1N1\) 2009 outbreak and school closure, Osaka Prefecture, Japan \[letter\].](#)
Kawaguchi R et al. Emerg Infect Dis. 2009 Oct; [Epub ahead of print]
- [SEP 24] [Preexisting immunity to pandemic \(H1N1\) 2009 \[letter\].](#)
Xing Z, Cardona CJ. Emerg Infect Dis. 2009 Nov; [Epub ahead of print]
- [SEP 24] [Serologic survey of pandemic \(H1N1\) 2009 virus, Guangxi Province, China \[letter\].](#)
Chen H et al. Emerg Infect Dis. 2009 Nov; [Epub ahead of print]
- [SEP 24] [Maximizing the value of drug stockpiles for pandemic influenza \[letter\].](#)
Li Wan Po A et al. Emerg Infect Dis. 2009 Oct; [Epub ahead of print]
- [SEP 24] [Performance of Rapid Influenza Diagnostic Tests During Two School Outbreaks of 2009 Pandemic Influenza A \(H1N1\) Virus Infection --- Connecticut, 2009](#)
MMWR Weekly September 25, 2009 / 58(37);1029-1032
- [SEP 24] [Safety and Efficacy of Extended-Duration Antiviral Chemoprophylaxis Against Pandemic and Seasonal Influenza](#)
Khazeni N et al. Annals of Internal Medicine. 6 October 2009. 151(7)
- [SEP 24] [Facemasks and Hand Hygiene to Prevent Influenza Transmission in Households A Randomized Trial](#)
Cowling BJ et al. Annals of Internal Medicine. 6 October 2009. 151(7)
- [SEP 24] CMAJ News: [Pandemic \(H1N1\) 2009 lives in some people for at least eight days](#)
- [SEP 24] [Risk of Confusion in Dosing Tamiflu Oral Suspension in Children Comparative Efficacy of Inactivated and Live Attenuated Influenza Vaccines *](#)
Monto AS et al. NEJM 361(13);1260-1267.
- [SEP 24] **EUROSURVEILLANCE**
[Enhanced surveillance of initial cases of pandemic H1N1 2009 influenza in Ireland, April - July 2009.](#)
Martin J et al. Euro Surveill. 2009;14(38):pii=19337.
- [Oseltamivir susceptibility in south-western France during the 2007-8 and 2008-9 influenza epidemics and the ongoing influenza pandemic 2009.](#)

Burrell S et al. Euro Surveill. 2009;14(38):pii=19334.

- [SEP 24] [Evaluation of twenty rapid antigen tests for the detection of human influenza A H5N1, H3N2, H1N1, and B viruses.](#) *
Taylor J et al. J Med Virol. 2009 Sep 22;81(11):1918-1922. [Epub ahead of print]
- [SEP 24] [Finding a new drug and vaccine for emerging swine flu: What is the concept?](#) *
Wiwanitkit V. Biologics. 2009;3:377-83. Epub 2009 Sep 15.
- [SEP 24] [Aerosol transmission of influenza A virus: a review of new studies.](#) *
Tellier R. J R Soc Interface. 2009 Sep 22. [Epub ahead of print]
- [SEP 24] [The US Food and Drug Administration provides a pathway for licensing vaccines for global diseases.](#)
Brennan MJ. PLoS Med. 2009 Jul 21;6(7):e1000095.

Business Resources

- [SEP 17] [Planning for 2009 H1N1 Influenza : A Preparedness Guide for Small Business](#) [CDC along with Department of Homeland Security and U.S. Small Business Administration]
- [ARCHIVED] [Business Preparedness for Pandemic: Executive Briefing for Corporate and Governmental Decision-makers](#)
- [ARCHIVED] [Link to report from U.S. Government Accountability Office re Pandemic Planning and funding](#)

Canadian Business

- [ARCHIVED] [H1N1 virus: A Plan for the Worst](#)

Consumer Health Information Resources

- [ARCHIVED] [Krames Patient Education Handouts - H1N1 Flu Virus](#)
- [ARCHIVED] [MEDLINEplus - H1N1 Flu \(Swine Flu\)](#)
- [ARCHIVED] [Specialized Information Service - National Library of Medicine](#)
- [ARCHIVED] [Tufts University - \(SPIRAL\) Selected Patient Information in Asian Languages](#)

Clinical and Public Health Practice Tools

- [AUG 18] [Infectious Disease Outbreaks: Tools and Strategies for Front-line Clinicians](#)

Created in consultation with front-line clinicians and infectious disease experts from across Canada, this course is evidence-based and focuses on the coordination between clinical care, public health and the laboratory.

- [JUNE 15] [Algorithms from 18 US States to Assist in Decisions Regarding Testing and Treatment of H1N1](#)

Historical Resources

- [AUG 17] [A comparative study of the 1918-1920 influenza pandemic in Japan, USA and UK: mortality impact and implications for pandemic planning.](#)
Richard SA, Sugaya N, Simonsen L, Miller MA, Viboud C. Epidemiol Infect. 2009 Aug;137(8):1062-72.
- [JUN 30] [Swine flu of 1976: lessons from the past. An interview with Dr Harvey V Fineberg](#)
Fineberg HV. Swine flu of 1976: lessons from the past. An interview with Dr Harvey V Fineberg. Bull World Health Organ. 2009 Jun;87(6):414-5.
- [JUN 29] [The Persistent Legacy of the 1918 Influenza Virus. New England Journal of Medicine.](#)
Morens DM, Taubenberger JK, Fauci AS. The persistent legacy of the 1918 influenza virus. N Engl J Med. 2009 Jul 16;361(3):225-9. Epub 2009 Jun 29.
- [JUN 29] [Historical Perspective — Emergence of Influenza A \(H1N1\) Viruses. New England Journal of Medicine](#)
Zimmer SM, Burke DS. Historical perspective--Emergence of influenza A (H1N1) viruses. N Engl J Med. 2009 Jul 16;361(3):279-85. Epub 2009 Jun 29.
- [ARCHIVED] [Nonpharmaceutical Interventions Implemented by US Cities During the 1918-1919 Influenza Pandemic](#)
Markel H, Lipman HB, Navarro JA, et al. Nonpharmaceutical interventions implemented by US cities during the 1918-1919 influenza pandemic. JAMA. 2007;298(6):644-654.
- [ARCHIVED] [The Swine Flu Affair: Decision-Making on a Slippery Disease](#)
Neustadt RE, Fineberg HV. The Swine Flu Affair: Decision-Making on a Slippery Disease. Washington: US Department of Health, Education, and Welfare; 1978. Online book.

Travel Advisories

- [AUG 28] [Travel Health Notice: Human Swine Influenza in United States](#)
- [AUG 28] [Travel Health Notice: Swine Flu in California and Texas](#)
- [MAY 19] [Public Health Agency of Canada no longer recommends Canadians postpone elective or non-essential travel to Mexico](#)