

# pH1N1 Flu Virus (Human Swine Influenza) Information Resources

*Current as of October 1, 2009 at 4pm*

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## Highlights

- PHAC: [FluWatch findings for Week 36 \(week ending Sep 19\)](#)
- The overall influenza activity slightly increased this week and remained high for this time of the year. The national ILI consultation rate increased for a second consecutive week and was above the expected range. The proportion of positive influenza tests was also slightly higher than the previous week. Localized activity was reported in 2 regions in BC.
  - This week, 98.3% of the positive influenza A subtyped specimens were Pandemic (H1N1) 2009. (for more, follow above link)
- CDC: [Questions and Answers on 2009 H1N1 Vaccine Financing](#)
- [Preparing for the Flu: A Communication Toolkit for the Federal Workforce](#)
- Literature: [Influenza Vaccination Coverage Among Children Aged 6 Months--18 Years --- Eight Immunization Information System Sentinel Sites, United States, 2008--09 Influenza Season](#)
- [Influenza Vaccination Coverage Among Children Aged 6--23 Months --- United States, 2007--08 Influenza Season](#)
- [Residual immunity in older people against the influenza A\(H1N1\) – recent experience in northern Spain.](#)
- [Swine-origin influenza virus A\(H1N1\)v: lessons learnt from the early phase of the epidemic \\*](#)
- [Efficacy and safety of a live attenuated influenza vaccine in adults 60 years of age and older \\*](#)
- [Novel H1N1 Influenza and Respiratory Protection for Health Care Workers](#)
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- [Weekly Synthesis of Surveillance Information, Literature & Government Updates \(week ending Sep 25, 2009\)](#)
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#### **Canada**

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[Centers for Disease Control and Protection \(CDC\)](#)  
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#### **Europe**

[United Kingdom's Health Protection Agency \(HPA\)](#)  
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[European Centre for Disease Control and Prevention \(ECDC\)](#)  
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#### **International**

[World Health Organization \(WHO\)](#)  
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## Events

### Current / Upcoming

### Archived

[SEP 30] The Honourable Leona Aglukkaq, federal Minister of Health, along with Dr. David Butler-Jones, Chief Public Health Officer of Canada, and Dr. Patricia Huston, Infectious Disease and Emergency Preparedness at the Public Health Agency of Canada, will provide an update on the H1N1 flu virus.

Media are invited to attend. If you are unable to participate in person, please call:  
North American Dial-In #: 1-888-265-0464 | Conference ID #: 33394044

**Date:** Wednesday, September 30, 2009 | **Time:** 11:30 a.m. EDT

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

Slides: [Powerpoint](#) (735 KB/ 43 slides)

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

[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)



[OCT 01] [Weekly Synthesis of Surveillance Information, Literature & Government Updates](#) (week ending Sep 25, 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 30] [Deaths Associated with H1N1 flu virus in Canada](#) [Sept. 24-29]  
No deaths reported since last update, 78 deaths in total.



[SEP 30] [FluWatch findings for Week 36 \(week ending Sep 19\)](#)

- The overall influenza activity slightly increased this week and remained high for this time of the year. The national ILI consultation rate increased for a second consecutive week and was above the expected range. The proportion of positive influenza tests was also slightly higher than the previous week. Localized activity was reported in 2 regions in BC.
- This week, 98.3% of the positive influenza A subtyped specimens were Pandemic (H1N1) 2009.

- The intensity of Pandemic (H1N1) infection 2009 in the population was low with only eight hospitalizations and two deaths reported this week. While hospitalized cases were reported from BC, MB, ON, QC and NT, the deaths were from BC and ON. As of September 19, 2009, a total of 1,467 hospitalized cases including 292 cases admitted to an intensive care unit (ICU) and 151 cases required ventilation as well as 78 deaths had been reported since the beginning of the pandemic.
- The prescription rate of Antivirals was high for the second consecutive weeks in southern BC and in NT.
- The influenza activity increased in the U.S. for a third consecutive week.
- In conclusion, no indication yet of emergence of the 2nd wave of Pandemic (H1N1) 2009 but significant increase of influenza activity in southern BC.

[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.*



[OCT 01] [Questions and Answers on 2009 H1N1 Vaccine Financing](#)



[OCT 01] [Preparing for the Flu: A Communication Toolkit for the Federal Workforce](#)

[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](#)
- [2009 H1N1 Influenza Vaccine and Seniors](#) [SEP 30]

[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

[OCT 01] Robert Wood Johnson Foundation: [New Report Finds Hospital Beds Could Run Out in 15 States if 35 Percent of Americans Get H1N1](#)

[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](#)

## Center for Infectious Disease Research and Policy



[SEP 30] [3 H1N1 vaccine makers ship first doses](#)

Three H1N1 vaccine manufacturers have begun shipping vaccine doses, according to CNN. Sanofi Pasteur said it shipped its first batch yesterday, several days ahead of schedule. More shipments will follow, according to a company spokesperson, with a total of 75.3 million doses expected by year's end. MedImmune sent its first batch of 5 million doses to distribution centers last Tuesday, and Novartis began shipments on Sunday.



[SEP 30] [Researchers find mutation in novel H1N1](#)

Virologists in the Netherlands have detected a pandemic H1N1 virus mutation that has been linked to enhanced replication and possible virulence changes. In a Sep 28 ProMed e-mail list post, they said they found the mutation in the basic polymerase 2 protein in samples from two patients who had links to an island in northern Holland. Both patients recovered. In a Canadian Press report yesterday, experts said it's not clear how clinically significant the mutation is, but it bears watching.



[SEP 30] [Australia begins vaccination campaign](#)

Australia began nationwide vaccinations against H1N1 influenza today, administering the first shots in what is intended to be a 21-million-dose campaign. The initial allotment of 5.5 million doses from Australian manufacturer CSL Ltd. will be given to pregnant women, healthcare workers, and the chronically ill. Authorities are concerned the vaccine will face low uptake because the flu season is waning after 35,000 confirmed cases and 178 deaths.



[SEP 30] [Military flu shots to provide data](#)

Active-duty members of the US armed forces will begin receiving 1.4 million doses of H1N1 flu vaccine in the next 10 days, part of a 2.7-million-dose vaccine purchase by the Pentagon. The shots, which are mandatory, will go first to troops preparing to deploy, followed by troops on hold for domestic disasters. Planners hope the early shot campaign will provide needed data on efficacy and side effects.



[SEP 30] [Nationwide school closure would prove costly](#)

Closing all US schools for 4 weeks to curb the spread of pandemic flu would cost between \$10 billion and \$47 billion in lost workforce productivity and temporarily shrink the pool of healthcare workers by 6% to 19%, according to a report today from economists at the Brookings Institution. The group estimated that about 14% of households with kids would have a sick worker during the pandemic. Federal guidance discourages school closure but allows local officials to make their own determinations. [[Sep 30 Brookings report abstract](#)]



[SEP 30] [Biggest business flu concern is vaccine](#)

When it comes to pandemic flu, US businesses are most concerned about the availability of a vaccine for employees, according to a survey released today by the Business Roundtable. The organization also found that "nearly 90%" of businesses

surveyed have activated or updated their preparedness plans since novel H1N1 flu first appeared. About 35% of respondents said they need more information about the severity of pandemic H1N1 flu compared with seasonal flu.

- [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.
- [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*.
- [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.
- [SEP 29] [Ho Chi Minh City reports success with field hospital for H1N1 patients](#)
- [SEP 29] [Zambian district bans social gatherings](#)
- [SEP 29] [British Columbia pares back seasonal flu efforts](#)
- [SEP 29] [High antiviral dosage may have saved H1N1 patients](#)
- [SEP 29] [Pandemic chokes flow of pilgrims to Mecca](#)
- [ARCHIVED] [Current overview and older updates from CIDRAP](#)

## Health Protection Agency (UK)



- [OCT 01] [HPA Weekly National Influenza Report](#) 01 October 2009 (Week 40)





[OCT 01]

[HPA weekly pandemic flu media update](#)

- Rates of flu-like illness and related activity have shown further increases in England. The largest rises in England have been seen in the North West and Yorkshire and Humber.
- The flu-like illness rate in England from the Royal College of General Practitioners (RCGP) scheme increased to 22.2 per 100,000 in week 39. 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. The largest increase was in the 25-44 year olds (8,796 in week 38 to 12,055 in week 39).
- 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 14,000 new cases in England last week (range 7,000 to 30,000). This is a 50 per cent rise since the previous week.  
*This estimate incorporates data from National Pandemic Flu Service and GP consultations.*
- Globally, activity is generally increasing in the northern hemisphere, is variable in the tropical regions and has largely returned to baseline in the southern hemisphere.

[ARCHIVED] [Swine Influenza page](#)

## Department of Health (UK)



[OCT 01]

[Guidance On Sickness Certification In Response To The Swine Flu Pandemic](#)

[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



[OCT 01]

[Scientific Advances: Comparison between the 1957 and 2009 pandemics – a close but imperfect fit](#)



[OCT 01]

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

- Comparison between the 1957 and 2009 pandemics reviewed;
- Total of 177 fatal cases in Europe and EFTA countries and 4208 in the rest of the world have been reported up to date.

[SEP 29]

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

[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] [EMA 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.](#)  
Kieny 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](#)

[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.



[OCT 01]

### [Australia National H1N1 Influenza 09 Update](#)

- At noon today Australia has 36,644 confirmed cases of pandemic (H1N1) 2009.
- The number of deaths associated with pandemic (H1N1) 2009 continues to increase. As of 1 October, 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 4,788.

[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.
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[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)



[OCT 01] [Influenza Vaccination Coverage Among Children Aged 6 Months--18 Years --- Eight Immunization Information System Sentinel Sites, United States, 2008--09 Influenza Season](#)

MMWR October 2, 2009 / 58(38);1059-1062



[OCT 01] [Influenza Vaccination Coverage Among Children Aged 6--23 Months -- - United States, 2007--08 Influenza Season](#)

MMWR October 2, 2009 / 58(38);1059-1062



[OCT 01] [Residual immunity in older people against the influenza A\(H1N1\) – recent experience in northern Spain.](#)

Pérez-Trallero E, Piñeiro L, Vicente D, Montes M, Cilla G. Euro Surveill. 2009;14(39):pii=19344.



[OCT 01] [Early estimates of 2009 pandemic influenza A\(H1N1\) virus activity in general practice in France: incidence of influenza-like illness and age distribution of reported cases.](#)

Turbelin C, Pelat C, Boëlle PY, Lévy-Bruhl D, Carrat F, Blanchon T, Hanslik T. Euro Surveill. 2009;14(39):pii=19341.



[OCT 01] [Swine-origin influenza virus A\(H1N1\)v: lessons learnt from the early phase of the epidemic \\*](#)

European Journal of Public Health



[OCT 01] [Efficacy and safety of a live attenuated influenza vaccine in adults 60 years of age and older \\*](#)

Vaccine (article in press)



[OCT 01] [Novel H1N1 Influenza and Respiratory Protection for Health Care Workers](#)

NEJM PERSPECTIVE K.I. Shine, B. Rogers, and L.R. Goldfrank



[OCT 01] [CDC and FDA Response to Risk of Confusion in Dosing Tamiflu Oral Suspension](#)

NEJM CORRESPONDENCE Budnitz DS, et al. Together, the CDC and the FDA have acted promptly to provide information that emphasizes appropriate dosing and dispensing of Tamiflu for oral suspension.



[OCT 01] [Small islands and pandemic influenza: Potential benefits and limitations of travel volume reduction as a border control measure.](#)

Eichner M, Schwehm M, Wilson N, Baker MG. BMC Infect Dis. 2009 Sep 29;9(1):160. [Epub ahead of print].



[OCT 01] [Preparing for swine flu: 10 questions that all nurses need to ask themselves.\\*](#)

Robinson S, Sutherland H, Spooner D. Nurs Times. 2009 Sep 1-7;105(34):14-5.



[OCT 01] [Nurses must consider the benefits of having the swine flu vaccine.\\*](#)

Dame Christine Beasley. Nurs Times. 2009 Sep 1-7;105(34):13.



[OCT 01] [Vaccines for pandemic influenza. Preface.\\*](#)

Compans RW, Orenstein WA. Curr Top Microbiol Immunol. 2009;333:v-viii.

- [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\\*](#)  
Clinical Infectious Diseases
- [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](#)  
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## **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.](#)  
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[ARCHIVED] [The Swine Flu Affair: Decision-Making on a Slippery Disease](#)

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## 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](#)