

# pH1N1 Flu Virus (Human Swine Influenza) Information Resources

Current as of October 16, 2009 at 4pm

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## Highlights

- MOHLTC [Ontario Takes Additional Steps To Reduce H1N1 Transmission](#)
- Emergency Departments [Guidance Document](#)
  - Ambulatory Care Settings [Guidance Document](#)
  - Long-Term Care Settings [Guidance Document](#)

WHO: [Pandemic \(H1N1\) 2009 - update 70](#)  
[Clinical features of severe cases of pandemic influenza :](#)  
[Pandemic \(H1N1\) 2009 briefing note 13](#)

CDC: [QUESTIONS & ANSWERS 2009 H1N1 Influenza Vaccine](#)

Literature -----

[Use Of An Inactivated Vaccine In Mitigating Pandemic Influenza A\(H1n1\) Spread: A Modelling Study To Assess The Impact Of Vaccination Timing And Prioritisation Strategies](#)

[Pandemic H1n1 Influenza: Predicting The Course Of A Pandemic And Assessing The Efficacy Of The Planned Vaccination Programme In The United States](#)

[Pandemic Influenza A\(H1n1\) 2009 Vaccines In The European Union](#)  
[H1N1 Influenza in Pregnancy: What All Obstetric Care Providers Ought to Know\\*](#)

[Distribution of vaccine/antivirals and the 'least spread line' in a stratified population.\\*](#)

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[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](#)  
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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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#### **Other Resources**

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[Historical Resources](#)  
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## Events

### Current / Upcoming

- [Feb 3-5] [International Symposium on Neglected Influenza Viruses](#)  
February 3-5, 2010 | Amelia Island, Florida  
Sponsor: International Society for Influenza and other Respiratory Virus Diseases  
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### Archived

- [OCT 07] COCA Conference Call: [H1N1 Pediatrics Update and Overview of CDC's Child Care Guidance](#).
- [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)



[OCT 16] [Ontario Takes Additional Steps To Reduce H1N1 Transmission](#)

- Emergency Departments [Guidance Document](#)
- Ambulatory Care Settings [Guidance Document](#)
- Long-Term Care Settings [Guidance Document](#)

[OCT 09] [Ontario Influenza Bulletin: Surveillance Week 39 \(Sep 27 – Oct 3\)](#)

For the surveillance period of September 27 to October 3, 2009:

- Influenza activity in Ontario was higher compared to the previous week.
- More patients reporting influenza-like symptoms consulted sentinel physicians this week than the previous week.
- The rate of influenza-like illness (ILI) in patients seen by sentinel physicians was above the average rate expected at this time of year.
- Three health units reported localized influenza activity for the current reporting week. 12 health units reported sporadic influenza activity.
- There are 4,144 confirmed cases of H1N1 flu virus reported through the integrated Public Health System (iPHIS).

As of October 7:

- 25 deaths have been reported among confirmed H1N1 cases.
- 14 people who have the H1N1 flu virus were in hospital as of 8:30 a.m. on October 7, a number of whom have underlying medical conditions. 373 other people have been hospitalized and have since been discharged.
- Slightly more hospitalized cases were reported this week compared to last week. One new death among cases was reported this week

[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 (OAHP)

[OCT 06] [Weekly Synthesis of Surveillance Information, Literature & Government Updates](#) (week ending Oct 2<sup>nd</sup>, 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.*



[OCT 16] [Deaths Associated with H1N1 flu virus in Canada](#) [as of Oct 15]

- [OCT 15] [Frequently Asked Questions - H1N1 Flu Virus](#)
- [OCT 14] [Government of Canada Supports Scientific Research to Deepen Knowledge of H1N1 Flu Virus](#)
- [OCT 14] [Regulation of H1N1 vaccine](#)
- [OCT 13] [Town Hall in Iqaluit Tackles Vaccine Myths](#)
- [OCT 13] [Backgrounder: Vaccine Myths](#)
- [OCT 13] [Your H1N1 Preparedness Guide](#)  
Press release: [Government of Canada launches H1N1 Preparedness Guide](#)
- [OCT 13] [FluWatch findings for Week 36 \(week ending Oct 3\)](#)
- The overall influenza activity slightly increased for a third consecutive week and was higher than expected for this time of the year. The total number of influenza outbreaks was high this week with 40 outbreaks in schools. The national ILI consultation rate was slightly higher compared to the previous weeks and above the expected range for this time of the year. However, the proportion of positive tests for influenza remained stable low during week 39.
  - BC had a particularly high influenza activity this week with approximately 15% of positive influenza tests and eighteen influenza outbreaks. NT was also affected with their two regions reporting widespread activity and 16 outbreaks.
  - This week, approximately 97% of the positive influenza A subtyped specimens were Pandemic (H1N1) 2009, and the remainder were seasonal A (H1N1).
  - The intensity of Pandemic (H1N1) 2009 in the population was low with twenty-five hospitalizations and no deaths reported this week. Hospitalized cases were reported from BC, AB, MB and ON. As of October 3, 2009, a total of 1,504 hospitalized cases including 295 cases admitted to an intensive care unit (ICU) and 155 cases required ventilation as well as 78 deaths had been reported since the beginning of the pandemic.
  - The influenza activity remained elevated in the U.S. for a fifth consecutive week.
  - The number of confirmed cases in Mexico reached higher levels in September than the Pandemic (H1N1) 2009 peak in April.
- [OCT 13] [Deaths Associated with H1N1 flu virus in Canada](#) [as of Oct 13]  
One death reported in British Columbia since last update, 80 deaths in total.
- [OCT 07] [Hand Hygiene Recommendations for Remote and Isolated Community Settings](#)
- [OCT 07] [Hand Washing Techniques](#)
- [OCT 07] [Canada on Track to Deliver Safe and Effective H1N1 Influenza Vaccine to Canadians](#)
- [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 16] [2009 H1N1 Flu: Situation Update](#) [data reported to CDC by Oct 13]

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

Cases Defined by	Hospitalizations	Deaths
Influenza and Pneumonia Syndrome*	15,696	2,029
Influenza Laboratory-Tests**	4,958	292
<b>Totals</b>		



[OCT 16] [2009 H1N1 Influenza Vaccine Supply Status](#)



[OCT 16] [QUESTIONS & ANSWERS 2009 H1N1 Influenza Vaccine](#)



[OCT 16] [H1N1 vaccine: It takes two](#) – pamphlet for parents

[OCT 15] [2009 H1N1 Flu and Seasonal Flu Information for Rheumatology Health Professionals](#)

[OCT 14] [Allocation and Distribution of the H1N1 Vaccine: Questions and Answers](#)

[OCT 15] [Patients with Arthritis: Clinician's Guide](#)

[OCT 14] [Questions & Answers Regarding Respiratory Protection For Infection Control Measures For 2009 H1n1 Influenza Among Healthcare Personnel](#)

[OCT 14] [Interim Guidance on Infection Control Measures for 2009 H1N1 Influenza in Healthcare Settings, Including Protection of Healthcare Personnel](#)

[OCT 13] [2009 H1N1 and Seasonal Flu: What You Should Know About Flu Antiviral Drugs](#)

[OCT 13] [What You Should Know and Do this Flu Season If You Are 65 Years and Older: Actions To Take This Flu Season](#)

[OCT 09] [Interim Guidance for Influenza Surveillance: Prioritizing RT-PCR Testing in Laboratories](#)

This document provides interim guidance for state and local health departments, hospitals, and clinicians participating in surveillance activities regarding which

patients to prioritize for testing by RT-PCR for influenza surveillance. Based on the continuing spread of 2009 H1N1 virus since the spring and continuing into the fall and increased demand for influenza testing, these guidelines have been developed in an effort to prioritize patients for testing by RT-PCR for influenza for surveillance purposes.

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

## Other US Sources

- [OCT 15] [NIOSH Science Blog: N-95 Respirators and Surgical Masks](#)
- [OCT 14] [Respiratory Protection for Healthcare Workers in the Workplace Against Novel H1N1 Influenza A: A Letter Report.](#)  
Liverman CT, Harris TA, Rogers BME, Shine KI, Editors. Institute of Medicine; 2009.
- [OCT 14] [Guidance for Establishing Crisis Standards of Care for Use in Disaster Situations: A Letter Report](#)  
Altevogt BM, Stroud C, Hanson SL, Hanfling D, Gostin LO, Editors; Committee on Guidance for Establishing Standards of Care for Use in Disaster Situations; Institute of Medicine; 2009.
- [OCT 12] [NIH Launches 2009 H1N1 Influenza Vaccine Trials in HIV-Infected Pregnant Women](#) [Trial in HIV-Infected Children, Youth to Begin Next Week]
- [OCT 12] HHS HealthBeat: [Flu vaccination for mom and baby](#)
- [OCT 09] [NIH Prepares to Launch 2009 H1N1 Influenza Vaccine Trial in People with Asthma](#)
- [OCT 09] [Trust for America's Health: H1N1 Challenges Ahead](#)  
New report finds hospital beds could run out in 15 states if 35 percent of Americans get H1N1.

## Center for Infectious Disease Research and Policy



- [OCT 16] [Judge suspends New York's flu-shot requirement for health workers](#)  
A New York judge today temporarily blocked a state requirement that all healthcare workers who have direct patient contact receive H1N1 and seasonal flu vaccines, the *New York Times* reported. Thomas J. McNamara, an acting justice of the New York State Supreme Court, set a hearing on the case for Oct 30. McNamara consolidated three suits filed by Albany nurses and state employees' and teachers' unions. Another suit, filed by a nurse from Poughkeepsie, is still proceeding separately.



- [OCT 16] [Group in New York sues to stop nationwide vaccination program](#)  
A group of New York medical workers sued yesterday to try to block the nationwide H1N1 vaccination program, arguing that the vaccines have not been adequately tested, Agence France-Presse (AFP) reported yesterday. The suit was filed in a

federal court in Washington, DC. Attorney Jim Turner said the suit was brought by a group of doctors, nurses, and other medical personnel.



[OCT 16]

### [FDA: Be wary of H1N1 remedies sold online](#)

The US Food and Drug Administration warned yesterday that there's a good potential for fraud when buying products sold online as preventives or remedies for H1N1 influenza. The agency recently bought several products sold online as oseltamivir (Tamiflu). One of them turned out to contain only talc and acetaminophen; several others contained various levels of Tamiflu but were not approved for use in the United States. The agency urged consumers to buy only approved products from US pharmacies.



[OCT 16]

### [Quebec poll finds 25% of workers would go to work with flu](#)

A poll of workers in Quebec found that 25% would go to work if they were sick with pandemic H1N1 flu, the Canadian Press reported today. About 45% of the respondents said their employer had not formed a plan to address flu outbreaks, and 53% reported they had not changed their personal hygiene habits. The phone survey of 1,000 adults, conducted between Sep 17 and 27, was done by a human resources association in Quebec.



[OCT 15]

### [FDA faces decision about use of peramivir for H1N1](#)

Robert Roos ■ CIDRAP News Editor

In response to questions from citizens at a meeting yesterday, a Food and Drug Administration (FDA) official said the agency would make a decision "fairly soon" about permitting emergency use of the experimental antiviral drug peramivir to help patients severely ill with pandemic H1N1 influenza



[OCT 15]

### [Flu up slightly on US campuses](#)

The American College Health Association (ACHA) reports that the incidence of flu-like illnesses on member campuses last week was 19.2 per 10,000 students, an increase of about 2% from the 18.9 per 10,000 the week before. The report listed 5,959 new cases at 238 schools. By region, the most new cases were reported in the middle Atlantic states and the Southeast.



[OCT 15]

### [Hospital uses triage tents for flood of patients](#)

Memorial Hospital in Bakersfield, Calif., has set up tents in its doctors' parking lot to triage and treat a flood of patients seeking treatment for cough and fever, the *Bakersfield Californian* reported yesterday. A hospital spokeswoman said between 210 and 230 patients have been coming to the emergency room daily, breaking the record of 207 set in May. She said the tents keep sick people away from other patients and relieve crowding in the emergency room.



[OCT 15]

### [Ill county workers who stay on job could be fired](#)

Pima County officials in Tucson, Ariz., have decided that county employees who refuse to go home when they have flu-like symptoms can be disciplined or even fired, the *Arizona Daily Star* reported. Under the new policy, any worker with a fever of 100.4°F or higher and one other symptom is required to stay home until the fever has been gone for at least a day. The county dropped a previous rule that employees who miss 3 days in a row had to bring in a doctor's note.



[OCT 15]

### [Massachusetts prioritizes high-risk prisoners for vaccine](#)

Health officials in Massachusetts have added prisoners with underlying conditions as a priority group to receive the pandemic H1N1 vaccine, the Associated Press (AP) reported today. A spokeswoman said that vaccine doses will go to correctional



facilities the second week of November. Though inmates with high-risk conditions and facility healthcare workers will be immunized then, the general prison population won't receive them until after the general public is offered the vaccine.



[OCT 15] [Kentucky district targets college students for vaccine](#)  
College students in western Kentucky will receive the area's first doses of pandemic H1N1 vaccine, the AP reported today. The seven-county Green River District Health Department, based in Frankfort, told the local press that the vaccine will be available next week and that college students are at the top of the list because they have had high hospitalization rates from the flu and live in close-contact dormitory settings.



[OCT 15] [China plans vaccine for hajj pilgrims](#)  
China will administer pandemic H1N1 vaccine to 12,700 Muslims who will travel to the annual hajj pilgrimage in Saudi Arabia, Agence France-Presse (AFP) reported today. Pilgrims will also receive free medication, disposable masks, and advice on flu prevention, Xinhua, China's state news agency, reported. The hajj is held around the end of November and draws about 3 million worshippers

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

## Health Protection Agency (UK)

[OCT 15] [HPA Weekly National Influenza Report](#) (Week 42)

[OCT 15] [HPA weekly pandemic flu media update](#)

- The flu-like illness rate in England from the Royal College of General Practitioners (RCGP) scheme increased to 29.1 per 100,000 in week 41. An increase was seen in most age groups except those over 65 years.
- The main burden of flu-like illness nationally is in the 5-14 and 15-24 years age groups.
- 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 except the over 65s. The largest increase (17%) in week 41 was seen in the 5-14 year olds.
- 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 27,000 new cases in England last week (range 13,000 to 58,000) compared with 18,000 in week 40. This indicates a doubling every two weeks.  
*This estimate incorporates data from National Pandemic Flu Service and GP consultations.*

[OCT 14] [Safety notice regarding the use of zanamivir \(Relenza\): updated 14 October 2009](#)

[OCT 14] [Enhanced surveillance of Guillain-Barré syndrome during the influenza pandemic](#)

[OCT 12] [Weekly International Summary](#) [taken from WHO data]

[OCT 09] [Prescribing guidance for antiviral drugs](#)

[ARCHIVED] [Swine Influenza page](#)

## Department of Health (UK)

[OCT 15] [A \(H1N1\) Swine Influenza - Vaccination Programme Update](#)

[OCT 15] [Antiviral prophylaxis - Guidance on the use of prophylaxis with antiviral medicines during the H1N1 \(swine flu\) pandemic](#)

[OCT 12] [Collection Point Administration System \(CPAS\) User Guidance](#)

[OCT 08] [Swine flu vaccination staff training video](#)

[OCT 06] [Workforce and human resources information and guidance](#)

This section contains the latest information and guidance for health professionals, in response to the swine flu pandemic.

[OCT 06] [Swine flu clinical package](#)

A set of tools for use by frontline healthcare professionals, in severe and exceptional circumstances, during a pandemic situation. This revised version has been updated to reflect changes in the guidance on the use of empirical antibiotics and on oseltamivir prescribing in young children. The package has also been revised and redesigned to clarify the circumstances in which it should be used.

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

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



[OCT 16] [ECDC Daily Update: Pandemic H1N1 2009](#)

- Weekly Influenza Surveillance Overview to be published today;
- Eurosurveillance updates published;
- Media highlights published;
- The American Journal of Public Health issues a Supplement on Influenza Preparedness and Response;
- Total of 221 fatal cases in Europe and EFTA countries and 4 553 in the rest of the world have been reported up to date;

[OCT 12] [ECDC Executive Update: Pandemic influenza A\(H1N1\) 2009 \(Issue 14\)](#)

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

## European Union

- [OCT 12] [Council Conclusions on Pandemic \(H1N1\) 2009 – a strategic approach](#)  
2 965th Employment, Social Policy, Health and Consumer Affairs Council meeting  
Luxembourg, 12 October 2009  
Above press release in [French](#)  
Public Safety Announcement [video](#) of items discussed at meeting
- [OCT 06] [Why healthcare workers are a priority group for pandemic influenza A\(H1N1\) vaccination?](#)
- [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.*



- [OCT 16] [Pandemic \(H1N1\) 2009 - update 70](#)  
As of 11 October 2009, worldwide there have been more than 399 232 laboratory confirmed cases of pandemic influenza H1N1 2009 and over 4735 deaths reported to WHO.

As many countries have stopped counting individual cases, particularly of milder illness, the case count is significantly lower than the actual number of cases that have occurred. WHO is actively monitoring the progress of the pandemic through frequent consultations with the WHO Regional Offices and member states and through monitoring of multiple sources of data.

Influenza activity continues to increase in the northern temperate zones across the world. In North America, the United States is now experiencing nationwide rates of Influenza-Like Illness (ILI) well above seasonal baseline rates with high rates of pandemic H1N1 2009 virus detections in clinical laboratory specimens. Canada is reporting increases in ILI rates for the third straight week with some provinces now crossing the baseline. Mexico also reports high intensity and active transmission in some areas of the country. Western Europe and northern Asia are experiencing increased rates of ILI, well above baseline in some countries but activity is generally not as widespread as in North America. Of note, nearly half of the influenza viruses detected in China are seasonal influenza A (H3N2) viruses, which appeared prior to and is co-circulating with pandemic H1N1 2009 virus.

The tropical zones continue to have transmission that is mixed as some countries have now peaked and are declining, while others are experiencing increases. In the tropical region of the Americas, several Caribbean Island nations are now reporting increased rates of illness while Brazil, Costa Rica and other countries on the continent are declining. In South Asia, most countries now report a decline in rates of illness.

Influenza rates in the temperate zones of the Southern Hemisphere have all returned to below baseline levels and very few detections of pandemic H1N1 2009 virus are being reported



- [OCT 16] [Clinical features of severe cases of pandemic influenza : Pandemic \(H1N1\) 2009 briefing note 13](#)

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

[ARCHIVED] [Older WHO Updates](#)

## Pan-American Health Organization (PAHO)

[OCT 09] [Regional Update. Pandemic \(H1N1\) 2009. \(published on October 9, 2009\)](#)

### Summary of Last Week

- The intensity of acute respiratory diseases in North America was high in U.S. and Mexico and moderate in Canada.
- Central America experienced low or moderate intensity of acute respiratory diseases, with the exception of Belize that reported activity above what is expected.
- South America continues to report low or moderate activity of respiratory diseases.
- 99.1% of the influenza A viruses subtyped were pandemic (H1N1) 2009.
- 114 new confirmed deaths (3406 deaths accumulated in 25 countries)

[ARCHIVED] [PAHO Influenza A \(H1N1\) Portal](#)

## Australia and New Zealand



[OCT 16] [Australia National H1N1 Influenza 09 Update](#)

**Note: Jurisdictions are reporting data once per week on various days. All figures will be updated on Fridays.**

- At noon today Australia has 36,942 confirmed cases of pandemic (H1N1) 2009.
- As of 16 October, 185 people have died. Of these deaths, four were pregnant women and 24\* (13.11%) were Indigenous.
- There have been 22 new hospitalisations for the past week around Australia with pandemic (H1N1) 2009. Of these, 3 people in hospital are Indigenous Australians. There have been 2 people admitted to Intensive Care Units this week
- The total number of hospitalisations in Australia since pandemic (H1N1) 2009 is identified at 4,886.

[OCT 14] [New Zealand Pandemic Influenza \(H1N1\) 09 Swine Flu - Update 155](#)

- The rate of Pandemic Influenza infections is continuing to decrease in New Zealand, however it is still circulating.
- As at midday today one person is in hospital with confirmed swine flu (H1N1) 09 or its complications – down from four last week.
- The cumulative total of people in New Zealand who have returned a positive laboratory test for swine flu (H1N1) 09 is 3175, up one from last week
- The number of deaths from Pandemic Influenza (H1N1) swine flu is unchanged from last week at 18. Some deaths are still being investigated by the Coroner

[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 16] [Influenza A \(H1N1\) pandemic: true or false alarm\\*](#)  
Hayward A. J Epidemiol Community Health.2009; 63: 775-776



[OCT 16] [Influenza A \(H1N1\) pandemic: true or false alarm\\*](#)  
Allam MF. J Epidemiol Community Health.2009; 63: 862



[OCT 16] [Use Of An Inactivated Vaccine In Mitigating Pandemic Influenza A\(H1n1\) Spread: A Modelling Study To Assess The Impact Of Vaccination Timing And Prioritisation Strategies](#)  
Sypsa V, Pavlopoulou I, Hatzakis A . Euro Surveill. 2009;14(41):pii=19356



[OCT 16] [Pandemic H1n1 Influenza: Predicting The Course Of A Pandemic And Assessing The Efficacy Of The Planned Vaccination Programme In The United States](#)  
Towers S. Euro Surveill. 2009;14(41):pii=19358



[OCT 16] [Pandemic Influenza A\(H1n1\) 2009 Vaccines In The European Union](#)  
Johansen K. Euro Surveill. 2009;14(41):pii=19361



[OCT 16] [Resistance Of Turkeys To Experimental Infection With An Early 2009 Italian Human Influenza A\(H1n1\)V Virus Isolate](#)  
Terregino C, De Nardi R, Nisi R, Cilloni F, Salviato A, Fasolato M, Capua I. Euro Surveill. 2009;14(41):pii=19360



[OCT 16] [Swine influenza matrix 2 \(M2\) protein contributes to protection against infection with different H1 swine influenza virus \(SIV\) isolates](#)  
Kitikoon P et al. Vaccine . 2009; In Press, Uncorrected Proof, Available online 16 October 2009. doi:10.1016/j.vaccine.2009.09.130



[OCT 16] [Formative research on the feasibility of hygiene interventions for influenza control in UK primary schools](#)

Schmidt W-P, Wloch C, Biran A, Curtis V, Pangtani P. *BMC Public Health* 2009, 9:390 doi:10.1186/1471-2458-9-390



[OCT 16] [Swine flu vaccine: Present status.\\*](#)  
Wiwanitkit V. *Hum Vaccin*. 2009 Nov 28;5(11). [Epub ahead of print]



[OCT 14] [Distribution of vaccine/antivirals and the 'least spread line' in a stratified population.\\*](#)  
Goldstein E, Apolloni A, Lewis B, Miller JC, Macauley M, Eubank S, Lipsitch M, Wallinga J.J *R Soc Interface*. 2009 Oct 14. [Epub ahead of print]



[OCT 15] [Diagnostic Importance of Relative Lymphopenia as a Marker of Swine Influenza \(H1N1\) in Adults\\*](#)  
Cunha BA, Pherez FM, Schoch P. *Clin Inf Dis*. 2009;49(9):1454-56.



[OCT 15] [Severe Acute Respiratory Disease in the Setting of an Epidemic of Swine Origin Type A H1N1 Influenza at a Reference Hospital in Entre Ríos, Argentina\\*](#)  
Bantar C et al. *Clin Inf Dis*. 2009;49(9):1458-56.



[OCT 14] [Transmission of pandemic H1N1 influenza virus and impact of prior exposure to seasonal strains or interferon treatment\\*](#)  
Steel J, Staeheli P, Mubareka S, García-Sastre A, Palese P, Lowen AC. *J. Virol*. published ahead of print on 14 October 2009, doi:10.1128/JVI.01732-09



[OCT 15] [H1N1 Influenza in Pregnancy: What All Obstetric Care Providers Ought to Know\\*](#)  
Carlson A, Thung SF, Norwitz ER. *Rev Obstet Gynecol*. 2009 Summer;2(3):139-45.

[OCT 15] [Pandemic \(H1N1\) 2009 influenza: experience from the critical care unit\\*](#)  
Patel M, Dennis A, Flutter C, Thornton S, D'Mello O, Sherwood N. *Anaesthesia*. 2009 Nov;64(11):1241-5.

[OCT 15] [An observational cohort study of triage for critical care provision during pandemic influenza: 'clipboard physicians' or 'evidenced based medicine'?\\*](#)  
Guest T, Tantam G, Donlin N, Tantam K, McMillan H, Tillyard A. *Anaesthesia*. 2009 Nov;64(11):1199-206.

[OCT 15] [Swine flu: Influenza A/H1N1 2009: the unseen and unsaid\\*](#)  
Saxena SK, Mishra N, Saxena R, Saxena S. *Future Microbiol*. 2009 Oct;4:945-7. No abstract available.

[OCT 15] [Recommended composition of influenza virus vaccines for use in the 2010 influenza season \(southern hemisphere winter\)](#)  
*Wkly Epidemiol Rec*. 2009 Oct 9;84(41):421-31. English, French. No abstract available.

- [OCT 14] [Chest Radiographic and CT Findings in Novel Swine-Origin Influenza A \(H1N1\) Virus \(S-OIV\) Infection](#)  
AJR:193, December 2009 DOI:10.2214/AJR.09.3599
- [OCT 14] [Imaging Findings in a Fatal Case of Pandemic Swine-Origin Influenza A \(H1N1\)](#)AJR:193, December 2009 DOI:10.2214/AJR.09.3365
- [OCT 14] [Bacterial Pneumonias during an Influenza Pandemic: How Will We Allocate Antibiotics?](#)  
Cinti SK, Barnosky AR, Gay SE, Goold SD, Lozon MM, Kim K, et al. Biosecur Bioterror. 2009 Sep;7(3):311-316.
- [OCT 14] [Emergency Use Authority and 2009 H1N1 Influenza.](#)  
Sherman SE, Foster J, Vaid S. Biosecur Bioterror. 2009 Sep;7(3):245-50.
- [OCT 13] [Modelling mitigation strategies for pandemic \(H1N1\) 2009.](#)  
Zivkovic Gojovic M, Sander B, Fisman D, Krahn MD, Bauch CT. early release. Published on [www.cmaj.ca](http://www.cmaj.ca) on October 13, 2009.
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[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

- [OCT 01] [Scientific Advances: Comparison between the 1957 and 2009 pandemics – a close but imperfect fit](#)
- [SEP 29] [Salicylates and Pandemic Influenza Mortality, 1918–1919 Pharmacology, Pathology, and Historic Evidence](#)  
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## Travel Advisories

- [SEP 30] [Hajj Pilgrims: Recommendations for travel](#)
- [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](#)