

pH1N1 Flu Virus (Human Swine Influenza) Information Resources

Current as of September 22, 2009 at 4pm

Highlights

- [New Drugs May Attack Flu, but Not in Time](#)
- [DHHS Office of Inspector General report on pandemic preparedness and medical surge](#)
- [DHHS Office of Inspector General report on pandemic preparedness and vaccine and antiviral distribution](#)
- [Poll: Many workers feel pressure to work when ill](#)
More than 80% of workers feel pressure to come to work when sick, and 69% have received little direction from employers on pandemic H1N1, according to a recent survey. The poll of 1,028 employees by Mansfield Communications found that 84% of workers believe the recession creates more pressure to show up for work, even when they're feeling sick. Mansfield's Rob Ireland said that employers need to communicate clearly about extended sick-leave policies and how to minimize disease spread.
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In the Literature

- [Flu Can Raise Chances of Heart Attack](#)
- [Randomized Control Trial to Study the Efficacy of the Surgical Mask Versus the N95 Respirator to Prevent Influenza](#)
- [Against the New H1N1 Influenza \(Swine Influenza\): Vaccinate or Don't Vaccinate \(All\)? That is Currently the Question](#)
- Check the articles from the H1N1 issue of the Current Topics in Microbiology and Immunology in the Research Articles section

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[Ontario Ministry of Health and Long-Term Care \(MOHLTC\)](#)
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[Public Health Agency of Canada \(PHAC\)](#)

United States

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

Current / Upcoming

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

September 23, 2009 - 3:00 p.m. Eastern/12:00 Noon Pacific.

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. This event will feature a panel discussion and insights from home health care emergency preparedness planners representing different perspectives: health system, government, health policy, and industry.

[SEP 22-23] [Keeping the World Working During the H1N1 Pandemic: Protecting Employee Health, Critical Operations, and Customer Relations \(Minneapolis, MN\)](#)

We're convening pandemic response experts in public and private sectors who know their business and are ready to act. By participating in this summit, you will:

- Interact with pressure-tested peers willing to share what's worked for them
- Get the straight story on vaccines, antiviral drugs, and infection control
- Benchmark pandemic HR policies on sick leave, pay, travel, & HIPAA
- Identify work-around tactics to deal with supply-chain shortages
- Turn guidance into actions that will keep you in business
- Go back to work with best-of-class knowledge and resources

Archived

[SEP 16] [COCA Conference Call: Pediatric issues related to the CDC Updated Interim Recommendations for the Use of Antiviral Medications in the Treatment and Prevention of Influenza for the 2009-2010 Season](#)

The purpose of the call is to discuss pediatric issues related to the CDC Updated Interim Recommendations for the Use of Antiviral Medications in the Treatment and Prevention of Influenza for the 2009-2010 Season found at

<http://www.cdc.gov/h1n1flu/recommendations.htm>

Audio:[MP3](#) (11.57 MB)

Slides: [PowerPoint](#) (5MB, 42 slides)

Summary:[Interim Transcript](#) (101 KB, 32 pages)

[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 18] [Ontario Influenza Bulletin: Surveillance Week 36 \(Sep 6 – Sep 12\)](#)

- Overall, influenza activity in Ontario was similar compared to the previous week.
- Slightly fewer 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 slightly above the average rate expected at this time of year.
- Health units reported either sporadic activity or no influenza activity for the current reporting week.
- There are 4,062 confirmed cases of H1N1 flu virus reported through the integrated Public Health System (iPHIS) as of September 12, 2009.

As of September 16 :

- 23 deaths have been reported among confirmed H1N1 cases.
- 17 people who have the H1N1 flu virus were in hospital as of 8:30 a.m. on September 16, a number of whom have underlying medical conditions. 353 other people have been hospitalized and have since been discharged.
- A fewer number of hospitalized cases were reported this week compared to last week. No new deaths among cases were reported this week.

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

Important Health Notices

[Last H1N1 update was August 18](#)

Ontario Agency for Health Protection and Promotion (OAHP)

[SEP 16] [Weekly Synthesis of Surveillance Information, Literature & Government Updates](#) (week ending Sep 11, 2009)

[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 21] [Government of Canada Launches Television Advertising on Infection Prevention in Partnership with Provinces and Territories](#)

[SEP 16] [Guidance on H1N1 vaccine sequencing](#)
News release: [Government of Canada releases guidance on H1N1 Influenza vaccine sequencing](#)

[SEP 17] [Deaths Associated with H1N1 flu virus in Canada](#)

No new deaths reported since last update, 76 deaths in total.

[SEP 15] [Interim Guidance: Prevention and management of cases of influenza-like-illness \(ILI\) that may be due to pandemic \(H1N1\) 2009 influenza virus on cruise ships](#) (Updated)

[SEP 15] [FluWatch findings for Week 35 \(week ending Sep 05\)](#)

- Week 35 marks the start of the 2009-2010 Influenza Season
- The overall trend of influenza activity remains similar to previous week. ILI consultation rate was slightly higher than expected for 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 with only a small number of hospitalizations (n=11) and two deaths reported this week. As of September 5, 2009, a total of 1,445 hospitalized cases, 285 cases admitted to an intensive care unit (ICU) and 74 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).
- 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 hospitalizations and greater risk of severe outcomes. 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.

[SEP 11] [Pandemic Vaccine Prioritization Framework](#)

[SEP 10] [Individual and Community Based Measures to Help Prevent Transmission of Influenza-Like-Illness \(ILI\) in the Community, Including the Pandemic Influenza \(H1N1\) 2009 Virus](#)

[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 21] [Updated: Questions & Answers Novel H1N1 Influenza Vaccine](#)



[SEP 21] [H1N1 Clinicians Questions and Answers](#)

[SEP 17] [Updated Interim Recommendations for Obstetric Health Care Providers Related to Use of Antiviral Medications in the Treatment and Prevention of Influenza for the 2009-2010 Season](#)

[SEP 18] [2009 H1N1 Flu: International Situation Update](#)

- The 2009 H1N1 influenza virus is the predominant influenza virus in circulation worldwide.
- The epidemiology of the disease caused by the 2009 H1N1 influenza virus in the Southern Hemisphere is very similar to that described in the United States this past spring.
- There have been no significant changes detected in the 2009 H1N1 influenza virus isolated from persons in the Southern Hemisphere as compared to viruses isolated from persons in the Northern Hemisphere.
- Worldwide, more than 10,000 isolates of 2009 H1N1 influenza have been tested and found to be sensitive to oseltamivir, an antiviral medicine used to treat influenza disease. Only 21 2009 H1N1 isolates tested have been found to be resistant to oseltamivir –10 of these were detected in the United States.

[SEP 18] [Weekly Influenza Activity Estimates Reported by State and Territorial Epidemiologists](#)

August 30- September 12:

- Influenza and Pneumonia Syndrome: 3,534 hospitalized, 291 deaths
- Influenza Laboratory-tests: 1,035 hospitalized, 364 deaths

[SEP 18] [FluView: 2008-2009 Influenza Season: Week 36 ending September 12, 2009](#)

- 99% of all subtyped influenza A viruses being reported to CDC were 2009 influenza A (H1N1) viruses.
- The proportion of deaths attributed to pneumonia and influenza (P&I) was below the epidemic threshold.
- Two influenza-associated pediatric deaths were reported, and both were associated with 2009 influenza A (H1N1) virus infection.
- The proportion of outpatient visits for influenza-like illness (ILI) was above the national baseline. Regions 2, 4, 5, 6, 7, 9, and 10 reported ILI above region-specific baseline levels.
- Twenty-one states reported geographically widespread influenza activity, nine states and Puerto Rico reported regional influenza activity, 11 states and the District of Columbia reported local influenza activity, eight states and Guam reported sporadic influenza activity, one state reported no influenza activity, and the U.S. Virgin Islands did not report.
- The 2009-10 influenza season officially begins October 4, 2009.

[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]

[SEP 16] [Asthma information for patients and parents of patients](#)

[SEP 16] [Handling Instructions for 2009 H1N1 Vaccine](#)

[SEP 15] [General Questions and Answers on 2009 H1N1 Influenza A Vaccine Safety](#)

[SEP 14] [General Questions and Answers on Thimerosal](#)

[SEP 14] [General Questions and Answers on Guillain-Barré syndrome \(GBS\)](#)

[SEP 13] [School-Located Vaccination Planning Materials and Templates](#)

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

Other US Sources

 [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](#)


[SEP 16] [US Food and Drug Administration: FDA Approves Vaccines for 2009 H1N1 Influenza Virus](#)

[SEP 15] [American Public Health Association \(APHA\) and partners from the Expert Round Table on Social Media and Risk Communication during Times of Crisis—Special Report](#)

[SEP 14] [Statement by Dr. Anthony Fauci, Director, National Institute of Allergy and Infectious Diseases, NIH, Regarding Early Results from Clinical Trials of 2009 H1N1 Influenza Vaccines in Healthy Adults](#)

Center for Infectious Disease Research and Policy

 [SEP 21] [Updated: Novel H1N1 Influenza \(Swine Flu\)](#)

 [SEP 21] [Feds see gaps in local plans for surge, vaccine distribution](#)
A federal review of state and local pandemic preparedness efforts identified some gaps in medical surge planning and said that, while states are typically prepared to distribute antivirals and vaccines, some cities hadn't addressed all of the recommended planning components.

 [SEP 21] [Poll: Many workers feel pressure to work when ill](#)
More than 80% of workers feel pressure to come to work when sick, and 69% have received little direction from employers on pandemic H1N1, according to a recent survey. The poll of 1,028 employees by Mansfield Communications found that 84% of workers believe the recession creates more pressure to show up for work, even when they're feeling sick. Mansfield's Rob Ireland said that employers need to communicate clearly about extended sick-leave policies and how to minimize disease spread.



[SEP 21]

[US orders 27.3 million more doses of Sanofi vaccine](#)

The US Department of Health and Human Services (HHS) has ordered another 27.3 million 15-microgram doses of pandemic H1N1 vaccine from Sanofi Pasteur, bringing the total government order of Sanofi vaccine to 75.3 million doses, the company announced today. HHS had previously ordered a total of about 195 million doses from five companies. Sanofi's H1N1 vaccine and versions made by Novartis, CSL Ltd., and MedImmune were licensed by the Food and Drug Administration last week.



[SEP 21]

[Sanofi projects mid October for US vaccine delivery](#)

An official from Sanofi said today that the company would begin delivering pandemic H1N1 flu vaccine to the United States by mid October, the Associated Press (AP) reported. Chris Viehbacher, head of the France-based company, said Sanofi would be able to produce at least 800 million doses of pandemic flu vaccine per year.



[SEP 21]

[China begins immunizing students](#)

China today became the first country to start administering the pandemic H1N1 vaccine, Agence France-Presse (AFP) reported. Medical workers are vaccinating students who will take part in National Day celebrations. Health workers, border inspectors, and transportation workers will also be among the first to receive vaccine, followed by the military, police, children and their teachers, and those with chronic conditions.

[SEP 18]

[WHO lowers pandemic vaccine estimate](#)

The WHO has scaled back its projection of how much pandemic H1N1 vaccine that will be produced globally, spokesman Gregory Hartl told the media today, according to the Associated Press (AP). Output will be "substantially less" than the WHO's previous forecast of 94 million doses a week and 4.9 billion doses in the next year, Hartl said. Estimates are lower because some companies are still making seasonal vaccine, and some have experienced production problems.

[SEP 18]

[Australia approves CSL's H1N1 vaccine](#)

The Australian government has approved a pandemic H1N1 vaccine made by CSL Ltd. for use in adults, the Australian Associated Press (AAP) reported today. The government has bought 21 million doses, which Health Minister Nicola Roxon said will be enough for all adults, and doses are expected to be available starting Sep 30. The government is awaiting clinical trial results before approving the vaccine for use in children. The virus has killed 172 people in Australia

[SEP 18]

[Minnesota says to keep ill preschoolers home longer](#)

The Minnesota Department of Health (MDH) says that children up to age 5 who have flu should be kept home from day care and school for 7 days after they get sick or 24 hours after symptoms resolve, a more cautious approach than the federal one, the *Star Tribune* reported. The CDC recommended in August that children be kept home until they are fever-free for 24 hours without the help of medication. Minnesota, which now has widespread flu activity, still uses that advice for older children.

[SEP 17]

[Business travel group advises curbing handshakes](#)

The Association of Corporate Travel Executives (ACTE) yesterday urged its members to temporarily suspend business handshakes until the threat of the pandemic H1N1 virus subsides.

[SEP 16]

[Studies suggest novel H1N1 patients shed virus longer](#)

A new study suggests that patients infected with pandemic H1N1 influenza can transmit the live virus longer than previously thought, though it's not clear if the findings will lead to changes in self-isolation recommendations.

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

Health Protection Agency (UK)

[SEP 17] [HPA Weekly National Influenza Report](#)

[SEP 17] [HPA weekly pandemic flu media update](#)

- The rates of flu-like illness and related activity have started to increase in England. The increase was mainly seen in school age children.
- Hospitalisations of people with suspected pandemic flu in England have levelled overall. The majority of cases continue to be mild.
- Two samples from UK patients have been shown to have the genetic change associated with oseltamivir resistance. Both were from immunocompromised patients. One has been shown to be resistant, the other is undergoing further tests to confirm resistance. Globally over 10,000 specimens have been tested and 23 have been shown to be resistant to oseltamivir.
- 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 5,000 new cases in England last week (range 3,000 to 11,000).
This estimate incorporates data from National Pandemic Flu Service and GP consultations.

[ARCHIVED] [Swine Influenza page](#)

Department of Health (UK)

[SEP 17] [Managing influenza-like illness \(ILI\) in nursing and residential homes during the current influenza pandemic](#)

[SEP 14] [A \(H1N1\) Swine Influenza: Vaccination Delivery](#)
Memo to NHS Chief Executives: Negotiations with the BMA General Practitioners Committee (GPC) to agree how the swine flu vaccine will be delivered have concluded.

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

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



[SEP 22] [ECDC Situation Report for Sep 22](#)

- 204 new cases reported in the EU and EFTA countries, reaching a total of 52 929 cases.
- One new fatal case reported from mainland France.

- [SEP 18] **UPDATED** [ECDC issues revised planning assumptions for A\(H1N1\) 2009 pandemic in Europe](#)
- [SEP 15] [ECDC Comment on first published trials of specific pandemic vaccines: Immune responses after one or two doses of monovalent unadjuvanted and adjuvanted influenza A \(H1N1\) 2009 vaccines](#)
- [SEP 18] [European Influenza Surveillance Network: Weekly electronic bulletin Week 37](#)
- Only three of 20 countries reported ILI/ARI activity above their baseline levels.
 - 96% of virus detections from sentinel physicians during week 37 were influenza A(H1N1) 2009
 - Seven SARI cases were reported by the Netherlands
- [ARCHIVED] [Maps, surveillance summaries and previous ECDC updates](#)

European Union



- [SEP 22] [WHO Regional Committee for the Eastern Mediterranean - Special Session of the Regional Committee on Pandemic \(H1N1\) 2009](#)
- [SEP 21] [Citizens' summary - Combating H1N1 flu pandemic in the EU - Commission communication](#)
- [SEP 16] [Pandemic \(H1n1\)2009. Commission of the European Communities \(Brussels, 15.9.2009\)](#)
Communication from the Commission to the European Parliament, the Council, the European Economic and Social Committee and the Committee of the Regions.
- [SEP 16] Commission Staff Working Documents accompanying the Communication from the Commission on Pandemic (H1N1)2009:
- [Working Document on Joint procurement of vaccine against influenza A\(H1N1\)](#)
 - [Working Document on communicating with the public and the media on Pandemic \(H1N1\) 2009](#)
 - [Working Document on support to third countries to fight the Influenza A\(H1N1\)](#)
 - [Regulatory process for the authorisation of antiviral medicines and vaccines in the protection against Pandemic Influenza \(H1N1\) 2009](#)
 - [Vaccination strategies against pandemic \(H1N1\) 2009](#)
- [SEP 15] [Commission adopts EU strategy on Pandemic \(H1N1\) 2009](#)
- [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 21] [Margaret Chan: Remarks at the opening ceremony Regional Committee for Western Pacific \(60th session\)](#)

[SEP 18] [Pandemic \(H1N1\) 2009 - update 66](#)

- In the temperate regions* of the northern hemisphere, influenza activity remains widely variable. In North America, the United States is reporting increases in influenza-like-illness activity above the seasonal baseline, most notably in the southern, southeastern, and parts of the northeastern United States.
- In Canada, influenza activity remains low. In Europe and Central Asia influenza activity remains low overall, except in France, which is reporting increases in influenza-like-illness activity (for week 37) above the seasonal epidemic threshold. Geographically localized influenza activity is being reported in several countries (Austria, Georgia, Ireland, Luxembourg, Norway, Portugal, the Czech Republic, Cyprus, and Israel). In Japan, influenza activity remains stably increased above the seasonal epidemic threshold with the most notable increases being reported on the southern island of Okinawa.
- In the tropical regions of the Americas and Asia, influenza transmission remains active. Geographically regional to widespread influenza activity continues to be reported throughout much of South and Southeast Asia, with increasing trends in respiratory diseases being reported in India and Bangladesh. Geographically regional to widespread influenza activity continues to be reported for the tropical regions of Central and South America without a consistent pattern in the trend of respiratory diseases (continued increases are being reported in Bolivia and Venezuela).
- In the temperate regions* of the southern hemisphere, influenza activity continues to decrease or has returned to the seasonal baseline in most countries. In Australia, later affected areas are also now reporting declining levels of influenza-like-illness. In South Africa, influenza activity appears to have recently passed over the second peak (the first peak was due to seasonal influenza A (H3N2) and second peak was due to pandemic (H1N1) 2009).

[SEP 18] Statement by WHO Director-General Dr Margaret Chan 18 September 2009 : [Pandemic vaccine donations for the developing world](#)

[SEP 15] [Address to the Regional Committee for Europe \(59th Session\)](#)
Abstract from CIDRAP: In a speech yesterday in Copenhagen, World Health Organization director-general Margaret Chan said the H1N1 pandemic is causing "manageable disruptions" in affluent countries but will likely have a "devastating impact" on developing countries that have few health resources. She predicted the pandemic will be a "watershed event" that will test the world on fairness issues. On the same day the European Commission urged members to share vaccine with developing nations.

[SEP 11] [Measures in school settings](#)

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

[ARCHIVED] [Older WHO Updates](#)

Pan-American Health Organization (PAHO)

[SEP 18] [Regional Update for Sep 18: Pandemic \(H1N1\) 2009](#)

17 countries reported updated information to the Pan American Health Organization (PAHO) regarding the qualitative indicators to monitor pandemic (H1N1) 2009. Only those 17 countries were included in this analysis. Presently, 15 countries in the Region report having widespread geographical distribution of influenza virus. Brazil continues to report Regional activity and Dominica continues to report no activity. Honduras, Mexico, Peru, and the United States are the only countries reporting an increasing trend of respiratory disease and this represents change in these countries from last week. Argentina, Bolivia, Brazil, Costa Rica, El Salvador, Panama, and Venezuela, reported a decreasing trend. The other six countries reported an unchanged trend. Regarding the intensity of acute respiratory disease, Bolivia, El Salvador, and Mexico reported high intensity of acute respiratory disease. The remaining 14 countries reported low or moderate intensity. Eight countries (Bolivia, Brazil, Costa Rica, Ecuador, El Salvador, Mexico, United States, and Venezuela) reported moderate impact on health care services, while 8 countries reported low impact. In North America, Mexico and the United States are reporting widespread activity, increasing trend in respiratory disease activity, and moderate impact on healthcare services.

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

Australia and New Zealand



[SEP 22] [Australia National H1N1 Influenza 09 Update](#)

- At noon today Australia has 36,270 confirmed cases of pandemic (H1N1) 2009.
- The number of deaths associated with pandemic (H1N1) 2009 continues to increase. As of 21 September, 172 people have died. Of these deaths, four were pregnant women and 23*(13.95%) were Indigenous.
- There are currently 297 people in hospital around Australia with pandemic (H1N1) 2009. Of these, 12 of the people in hospital are Indigenous Australians. There are 54 people in Intensive Care Units at present.
- The total number of hospitalisations in Australia since pandemic (H1N1) 2009 is identified at 4,712.

[SEP 16] [New Zealand Pandemic Influenza \(H1N1\) 09 Swine Flu - Update 151](#)

- There are a total of 3152 confirmed cases of Pandemic Influenza (H1N1) 09 swine flu, compared with 3151 on 11 September.
- The number of deaths from Pandemic Influenza (H1N1) swine flu where swine flu was a primary cause remains at 17. Other deaths are being investigated by the Coroner's office.

- As at midday today, only one person was reported to be in hospital with pandemic Influenza (H1N1) 09 or its complications.

[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)



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[Point of Care strategy for rapid diagnosis of novel A/H1N1 influenza virus.](#)

Nougairede A et al. PLoS Currents: Influenza published September 22, 2009.



[SEP 21]

[Flu vaccination campaign poses monitoring difficulties](#)

Roger Collier. CMAJ published 21 September 2009, 10.1503/cmaj.109-3044.



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[Flu pandemic prompts other vaccination delays](#)

Roger Collier. CMAJ published 21 September 2009, 10.1503/cmaj.109-3043.



[SEP 21]

[Swine flu breaks out on Vancouver Island](#)

Wayne Kondro. CMAJ published 21 September 2009, 10.1503/cmaj.109-3054



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[Improved flu screening needed at airports](#)

Paul Webster. CMAJ published 21 September 2009, 10.1503/cmaj.109-3053



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[Pandemic influenza: the new wave](#)

Lancet Inf Dis. 2009; 9(10):583



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[Influenza in the Asia-Pacific](#)













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[H1N1 vaccine could staunch further financial loss](#)

Shetty P. Lancet Inf Dis. 2009; 9(10):592.

-  [SEP 21] [Influenza as a trigger for acute myocardial infarction or death from cardiovascular disease: a systematic review](#)
Warren-Gash C, Smeeth L, Hayward AC. Lancet Inf Dis. 2009; 9(10):601-10.
-  [SEP 21] [Does receipt of seasonal influenza vaccine predict intention to receive novel H1N1 vaccine: Evidence from a nationally representative survey of U.S. adults](#)
Maurer J, Harris KM, Parker A, Lurie N. Vaccine. 2009; 27(42):5732-5734.
-  [SEP 21] [Immunoinformatic comparison of T-cell epitopes contained in novel swine-origin influenza A \(H1N1\) virus with epitopes in 2008–2009 conventional influenza vaccine](#)
De Groot AS, Ardito M, McClaine EM, Moise L, Martin WD. Vaccine. 2009; 27(42): 5740-5747.
-  [SEP 21] [Prioritization of pandemic influenza vaccine: rationale and strategy for decision making.*](#)
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-   [SEP 21] [Strategies for broad global access to pandemic influenza vaccines*](#)
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-  [SEP 21] [Considerations for licensure of influenza vaccines with pandemic and prepandemic indications.*](#)
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-  [SEP 21] [Vaccines for pandemic influenza: summary of recent clinical trials.*](#)
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-  [SEP 21] [Microneedle-based vaccines.*](#)
Prausnitz MR, Mikszta JA, Cormier M, Andrianov AK. Curr Top Microbiol Immunol. 2009;333:369-93.
- [SEP 21] [Adjuvants for pandemic influenza vaccines*.](#)
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-  [SEP 21] [Pandemic influenza vaccines.*](#)
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-  [SEP 21] [Influenza virus-like particles as pandemic vaccines.*](#)
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-  [SEP 21] [Recombinant vectors as influenza vaccines.*](#)
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- [SEP 21] [Influenza neuraminidase as a vaccine antigen.*](#)
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- [SEP 21] [Designing vaccines for pandemic influenza.*](#)
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[Development and application of avian influenza vaccines in china.*](#)
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[Live attenuated vaccines for pandemic influenza.*](#)
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[Seasonal influenza vaccines.*](#)
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Canadian Business

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- [ARCHIVED] [Krames Patient Education Handouts - H1N1 Flu Virus](#)
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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.

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