

pH1N1 Flu Virus (Human Swine Influenza) Information Resources

Current as of September 24, 2009 at 4pm

Highlights

Event tomorrow:

The Honourable Leona Aglukkaq, federal Minister of Health, along with Dr. David Butler-Jones, Chief Public Health Officer of Canada, Dr. Frank Plummer, Scientific Director General of the National Microbiology Laboratory, 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 participate in the teleconference:

North American Dial-In #: 1-888-265-0464

Conference ID #: 32458682

Date: **Friday, September 25, 2009**

Time: **2:00 p.m. EDT**

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

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

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

[HPA weekly pandemic flu media update](#) [UK]

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

In the Literature

[Preexisting immunity to pandemic \(H1N1\) 2009 \[letter\].](#)

[Performance of Rapid Influenza Diagnostic Tests During Two School Outbreaks of 2009 Pandemic Influenza A \(H1N1\) Virus Infection --- Connecticut, 2009](#)

[Safety and Efficacy of Extended-Duration Antiviral Chemoprophylaxis Against Pandemic and Seasonal Influenza](#)

[Facemasks and Hand Hygiene to Prevent Influenza Transmission in Households](#)

CMAJ News : [Pandemic \(H1N1\) 2009 lives in some people for at least eight days](#)

[Risk of Confusion in Dosing Tamiflu Oral Suspension in Children Comparative Efficacy of Inactivated and Live Attenuated Influenza Vaccines *](#)

[Oseltamivir susceptibility in south-western France during the 2007-8 and 2008-9 influenza epidemics and the ongoing influenza pandemic 2009.](#)

[Aerosol transmission of influenza A virus: a review of new studies.*](#)

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Updates by Jurisdiction

Ontario

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

Canada

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

United States

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

Europe

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

International

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

Other Resources

[Consumer Health Information Resources](#)
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Events

Current / Upcoming

- [SEP 25] The Honourable Leona Aglukkaq, federal Minister of Health, along with Dr. David Butler-Jones, Chief Public Health Officer of Canada, Dr. Frank Plummer, Scientific Director General of the National Microbiology Laboratory, 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.
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Archived

- [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.
- [SEP 22-23] [Keeping the World Working During the H1N1 Pandemic: Protecting Employee Health, Critical Operations, and Customer Relations \(Minneapolis, MN\)](#)
- [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 23] [Weekly Synthesis of Surveillance Information, Literature & Government Updates](#) (week ending Sep 18, 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 24] [Respiratory Virus Infections Detected](#)

[SEP 23] [Deaths Associated with H1N1 flu virus in Canada](#)
2 deaths reported since last update (British Columbia and Ontario), 78 deaths in total.

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

- Week 35 marks the start of the 2009-2010 Influenza Season
- The overall trend of influenza activity remains similar to the previous week. However, the national ILI consultation rate increased to 23 consultations per

1.000 this week which is within the range of expected level at this time of the year. The peak period of Pandemic (H1N1) 2009 occurred in the first three weeks of June.

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

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

[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 23] [H1N1 Flu \(Swine Flu\): Preparedness Tools for Professionals](#)

[SEP 23] [CDC launches H1N1 flu mobile texting update \[pilot\]](#)

[SEP 22] [2009-2010 Influenza Season: Information for Pharmacists](#)

[SEP 22] [Updated Interim Recommendations for the Use of Antiviral Medications in the Treatment and Prevention of Influenza for the 2009-2010 Season](#)

- [Questions & Answers: Antiviral Drugs, 2009-2010 Flu Season](#)

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

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

[SEP 18] [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.

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

Other US Sources

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

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

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

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

Center for Infectious Disease Research and Policy



[SEP 24] [WHO picks novel H1N1 for 2010 southern hemisphere flu vaccine](#)
The World Health Organization (WHO) has recommended that seasonal influenza vaccines for use in the southern hemisphere next year contain the pandemic H1N1 virus instead of a current seasonal H1N1 strain, signaling that the pandemic strain is expected to push the older H1N1 strains aside.



[SEP 24] [Business summit panelists stress practicality to slow flu spread](#)
To mask or not to mask, hand washing versus hand sanitizers, how long to stay away from the workplace if sick with novel H1N1 influenza, tips for travel - these were some of the issues addressed in a panel discussion yesterday during a business preparedness summit in Minneapolis.

[SEP 23] [US orders 29 million more doses of H1N1 spray vaccine](#)
The US government has ordered another 29 million doses of nasal-spray pandemic H1N1 flu vaccine from MedImmune, the company announced this week.

[SEP 23] [Quebec may delay or cancel seasonal flu shots](#)
Quebec may delay or shelve its seasonal flu vaccination campaign and concentrate on vaccinating people against pandemic H1N1 instead, CBC News reported today.

[SEP 23] [Scientist: Russia underreporting pandemic flu cases](#)
One of Russia's leading virologists claims that the country is underestimating its number of pandemic H1N1 cases, the *Wall Street Journal* reported today.

[SEP 22] [BioCryst nets federal funding to further peramivir development](#)
BioCryst said it has received \$77.2 million from the US government to continue late-stage development of its intravenous antiviral medication peramivir,

[SEP 22] [Hospital sets up tents to handle flu surge](#)
Authorities at Dell Children's Medical Center in Austin, Tex., set up tents outside its emergency department to start triaging some patients with less severe flu-like illnesses today, the *Austin Statesman* reported.

[SEP 22] [Survey finds businesses see flu risk but have planning gaps](#)
A survey of 400 companies by the British law firm DLA Piper revealed that about half of them believe they are at high or very high risk for disruptions caused by the next wave of pandemic flu, the *Financial Times* reported yesterday.

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

[SEP 21] [Feds see gaps in local plans for surge, vaccine distribution](#)

- [SEP 21] [Poll: Many workers feel pressure to work when ill](#)
- [SEP 21] [US orders 27.3 million more doses of Sanofi vaccine](#)
- [SEP 21] [Sanofi projects mid October for US vaccine delivery](#)
- [SEP 21] [China begins immunizing students](#)
- [SEP 18] [WHO lowers pandemic vaccine estimate](#)
- [SEP 18] [Australia approves CSL's H1N1 vaccine](#)
- [SEP 18] [Minnesota says to keep ill preschoolers home longer](#)
- [SEP 17] [Business travel group advises curbing handshakes](#)
- [ARCHIVED] [Current overview and older updates from CIDRAP](#)

Health Protection Agency (UK)



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



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

- The rates of flu-like illness and related activity have shown further increases in England.
- The flu-like illness rate in England from the Royal College of General Practitioners (RCGP) scheme increased to 16.2 per 100,000 in week 38. Most age groups saw an increase.
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This estimate incorporates data from National Pandemic Flu Service and GP consultations.

- Sharp rises in influenza activity in recent weeks are reported from the USA - concentrated particularly in school age children. Increasing activity has also been reported in a number of European countries, particularly France.

[ARCHIVED] [Swine Influenza page](#)

Department of Health (UK)

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

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

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



- [SEP 24] [ECDC Situation Report for Sep 24](#)
- Public Health Development published - Antiviral resistant viruses;
 - 471 new cases reported in the EU and EFTA countries, reaching a total of 53 513 cases;
 - Portugal announces first fatal case due to H1N1 Flu.
- [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](#)
- [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 24] [Director-General Statement following the fifth meeting of the Emergency Committee](#)



- [SEP 24] [Pandemic influenza vaccines: current status](#)
Pandemic (H1N1) 2009 briefing note 11
- [SEP 23] [Recommended composition of influenza virus vaccines for use in the 2010 southern hemisphere influenza season :](#)

It is recommended that vaccines for use in the 2010 influenza season (southern hemisphere winter) contain the following:

- an A/California/7/2009 (H1N1)-like virus;
- an A/Perth/16/2009 (H3N2)-like virus;
- a B/Brisbane/60/2008-like virus.

[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. [for details on other regions, refer to the update link]

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

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

- At noon today Australia has 36,559 confirmed cases of pandemic (H1N1) 2009.
- The number of deaths associated with pandemic (H1N1) 2009 continues to increase. As of 24 September, 178 people have died. Of these deaths, four were pregnant women and 24*(13.55%) were Indigenous.
- There are currently 290 people in hospital around Australia with pandemic (H1N1) 2009. Of these, 11 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 4,778.

[SEP 23] [New Zealand Pandemic Influenza \(H1N1\) 09 Swine Flu - Update 152](#)

- There are a total of 3161 confirmed cases of Pandemic Influenza (H1N1) 09 swine flu, compared with 3152 on 23 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, three people were 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)



[SEP 24] [Influenza \(H1N1\) 2009 outbreak and school closure, Osaka Prefecture, Japan](#) [letter].

Kawaguchi R, Miyazono M, Noda T, Takayama Y, Sasai Y, Iso H. Emerg Infect Dis. 2009 Oct; [Epub ahead of print]



[SEP 24] [Preexisting immunity to pandemic \(H1N1\) 2009](#) [letter].

Xing Z, Cardona CJ. Emerg Infect Dis. 2009 Nov; [Epub ahead of print]

[SEP 24] [Serologic survey of pandemic \(H1N1\) 2009 virus, Guangxi Province, China](#) [letter].

Chen H, Wang Y, Liu W, Zhang J, Dong B, Fan X, et al. Emerg Infect Dis. 2009 Nov; [Epub ahead of print]

[SEP 24] [Maximizing the value of drug stockpiles for pandemic influenza](#) [letter].

Li Wan Po A, Farndon P, Palmer N. Emerg Infect Dis. 2009 Oct; [Epub ahead of print]

[SEP 24] [Performance of Rapid Influenza Diagnostic Tests During Two School Outbreaks of 2009 Pandemic Influenza A \(H1N1\) Virus Infection --- Connecticut, 2009](#)

MMWR Weekly September 25, 2009 / 58(37);1029-1032

[SEP 24] [Safety and Efficacy of Extended-Duration Antiviral Chemoprophylaxis Against Pandemic and Seasonal Influenza](#)

Khazeni N, Bravata DM, Holty JEC, Uyeki TM, Stave CD, Gould MK. Annals of Internal Medicine. 6 October 2009. 151(7)

[SEP 24] [Facemasks and Hand Hygiene to Prevent Influenza Transmission in Households](#) A Randomized Trial

Cowling BJ, Chan KH, Fang VJ, Cheng CKY, Fung ROP, Wai W, et al. Annals of Internal Medicine. 6 October 2009. 151(7)



[SEP 24] CMAJ News : [Pandemic \(H1N1\) 2009 lives in some people for at least eight days](#)

[SEP 24] [Risk of Confusion in Dosing Tamiflu Oral Suspension in Children Comparative Efficacy of Inactivated and Live Attenuated Influenza Vaccines *](#)

Monto AS, Ohmit SE, Petrie JG, Johnson E, Truscon R, Teich E, Rotthoff J, et al. NEJM 361(13);1260-1267 Sept 24, 2009

[SEP 24] **EUROSURVEILLANCE**
[Enhanced surveillance of initial cases of pandemic H1N1 2009 influenza in Ireland, April - July 2009.](#)

Martin J, O'Donnell J, Igoe D, O'Hora A, Thornton L, Murphy N, Cullen G, Fitzgerald M, Cotter S, McKeown P, O'Flanagan D, in conjunction with the National Public Health Outbreak Response Team. Euro Surveill. 2009;14(38):pii=19337.

[Oseltamivir susceptibility in south-western France during the 2007-8 and 2008-9 influenza epidemics and the ongoing influenza pandemic 2009.](#)

Burrel S, Roncin L, Lafon ME, Fleury H. Euro Surveill. 2009;14(38):pii=19334.



[SEP 24] [Evaluation of twenty rapid antigen tests for the detection of human influenza A H5N1, H3N2, H1N1, and B viruses.](#) *

Taylor J, McPhie K, Druce J, Birch C, Dwyer DE. J Med Virol. 2009 Sep 22;81(11):1918-1922. [Epub ahead of print]



[SEP 24] [Finding a new drug and vaccine for emerging swine flu: What is the concept?](#) *

Wiwanitkit V. Biologics. 2009;3:377-83. Epub 2009 Sep 15.



[SEP 24] [Aerosol transmission of influenza A virus: a review of new studies.](#) *

Tellier R. J R Soc Interface. 2009 Sep 22. [Epub ahead of print]



[SEP 24] [The US Food and Drug Administration provides a pathway for licensing vaccines for global diseases.](#)

Brennan MJ. PLoS Med. 2009 Jul 21;6(7):e1000095. Epub 2009 Jul 21. No abstract available.



[SEP 23] Swine flu. Immunisation choices risk creating local variations. PCTs decide on vaccine priority *

West D, Ford S. Health Serv J. 2009 Aug 20;119(6170):5. No abstract available.

[SEP 23] [First line of defense. Worries flare about H1N1 vaccinations for workers*](#)

Zigmond J. Mod Healthc. 2009 Aug 31;39(35):12. No abstract available.

[SEP 23] [A/H1N1 influenza virus passes to birds.*](#)

[No authors listed] Vet Rec. 2009 Aug 29;165(9):248. No abstract available.

[SEP 23] [Economic analysis of pandemic influenza vaccination strategies in Singapore.](#)

Lee VJ, Tok MY, Chow VT, Phua KH, Ooi EE, Tambyah PA, Chen MI. PLoS One. 2009 Sep 22;4(9):e7108

[SEP 23] [The feasibility of using high resolution genome sequencing of influenza a viruses to detect mixed infections and quasispecies.](#)

Ramakrishnan MA, Tu ZJ, Singh S, Chockalingam AK, Gramer MR, Wang P, et al. PLoS One. 2009 Sep 22;4(9):e7105.

[SEP 23] [Why are oseltamivir and zanamivir effective against the newly emerged influenza A virus \(A/H1N1\)? *](#)

Yu K, Luo C, Qin G, Xu Z, Li N, Liu H, et al. Cell Res. 2009 Sep 22. [Epub ahead of print] No abstract available.

[SEP 23] [Association Between School Closure and Subsequent Absenteeism During a Seasonal Influenza Epidemic.*](#)

Rodriguez CV, Rietberg K, Baer A, Kwan-Gett T, Duchin J. Epidemiology. 2009 Sep 15. [Epub ahead of print]

- [SEP 23] [\[Initial characteristics of the novel A\(H1N1\) pandemic in Argentina.\]*](#)
Bonvehí PE. Medicina (B Aires). 2009;69(4):478-82. Spanish. No abstract available.
- [SEP 23] [\[Influenza A\(H1N1\) epidemic in Argentina. Experience in a National General Hospital \(Hospital Nacional Alejandro Posadas\).\]*](#)
Comisión para la Contingencia de Influenza A (H1N1), Hospital Nacional Profesor Alejandro Posadas. Medicina (B Aires). 2009;69(4):393-423. Spanish.
- [SEP 23] [Evolutionary complexities of swine flu H1N1 gene sequences of 2009.*](#)
Sinha NK, Roy A, Das B, Das S, Basak S. Biochem Biophys Res Commun. 2009 Sep 18. [Epub ahead of print]
- [SEP 23] [Q&A: What have we found out about the influenza A \(H1N1\) 2009 pandemic virus?](#)
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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 \(Swine Flu\)](#)
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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.
- [JUNE 15] [Algorithms from 18 US States to Assist in Decisions Regarding Testing and Treatment of H1N1](#)

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- [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](#)