

pH1N1 Flu Virus (Human Swine Influenza) Information Resources

Current as of September 18, 2009 at 4pm

Highlights

- [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](#) [CDC]

In the Literature

- [Efficacy and economic assessment of conventional ventilatory support versus extracorporeal membrane oxygenation for severe adult respiratory failure \(CESAR\): a multicentre randomised controlled trial](#) * The Lancet, Early Online Publication, 16 September 2009
- News : [Chief medical officer warns that swine flu may be on the rise again](#)
Nayanah Siva BMJ 2009;339:b3863
- CMAJ News: [Dispensing antivirals in remote communities](#)
- [A Call for "Smart Surveillance": A Lesson Learned from H1N1](#) Daszak P. Ecohealth. 2009 Sep 16. [Epub ahead of print]
- [Swine flu vaccine is a "thousandfold" safer than the infection, say experts.](#)
Ellis O. BMJ. 2009 Sep 16;339:b3802. doi: 10.1136/bmj.b3802.
- [Platelet dysfunction can be the hidden risk factor for death in new influenza A \(H1N1\).](#)* Hernandez JM. Med Hypotheses. 2009 Sep 14. [Epub ahead of print]
- [Influenza A\(H1N1\) and infection control guidelines for optometrists.](#)* Kiely PM, Lian KY, Napper G, Lakkis C. Clin Exp Optom. 2009 Sep 15. [Epub ahead of print]

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[Ontario Ministry of Health and Long-Term Care \(MOHLTC\)](#)
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Europe

[United Kingdom's Health Protection Agency \(HPA\)](#)
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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 14] [Ontario Influenza Bulletin: Surveillance Week 35 \(Aug 30 – Sep 5\)](#)
- Overall, influenza activity in Ontario during week 35, 2009, was similar compared to week 34, 2009.
 - Ontario health units reported 7 new confirmed cases of influenza through the integrated Public Health Information System (iPHIS). This count includes 3 laboratory confirmed cases of pH1N1, which is fewer than the 10 cases reported in week 34. D
 - During week 35, new laboratory confirmed cases of pH1N1 continued to be seen across the province, with a case being reported in North East, South West and Central West regions. No new institutional influenza outbreaks were reported.
 - For week 35, the majority of health regions reported 'sporadic' level activity.
 - The rate of influenza-like illness (ILI) in patients seen by sentinel physicians was above the range that is expected for this time of the year based on the average ILI rate reported in week 35 for the past 3 years.

[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 (OAHPP)

[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 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 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.
- In August, a White House report was prepared by the Department of Health and Human Services (HHS) in coordination with the Office of the Director for National Intelligence (ODNI) and the Department of State (DoS) and describes the characteristics and impact of 2009 H1N1 influenza A virus in the Southern Hemisphere. The full report can be accessed by the link provided in the Reports and Publications section below.

- 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 35 ending September 05, 2009](#)

Below is a summary of the most recent key indicators:

- Visits to doctors for influenza-like illness (ILI) are increasing nationally. Visits to doctors for influenza-like illness are higher than what is expected during this time of year and have increased for five consecutive weeks now. This is very unusual for this time of year.
- Total influenza hospitalization rates for adults and children are similar to or lower than seasonal influenza hospitalization rates depending on age group, but are higher than expected for this time of year.
- The proportion of deaths attributed to pneumonia and influenza (P&I) was low and within the bounds of what is expected at this time of year.
- Twenty-one states are reporting widespread influenza activity at this time. Any reports of widespread influenza activity in September are very unusual.
- Almost all of the influenza viruses identified so far are 2009 H1N1 influenza A viruses. These viruses remain similar to the viruses chosen for the 2009 H1N1 vaccine, and remain susceptible to the antiviral drugs oseltamivir and zanamivir with rare exceptions.

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



- [SEP 18] [Flu cases up 21% on campuses](#)

In its surveillance of flu-like illnesses for the week ending Sep 11, the American College Health Association (ACHA) reported 6,432 cases at 253 schools, a 21% increase from the previous week. Though the report doesn't include flu subtype, federal officials have said 98% of circulating flu viruses are the pandemic strain. Cases slowed in the southeast but increased elsewhere, particularly in Mid Atlantic and Midwestern states



- [SEP 18] [Similar H1N1 strain may explain 1-dose effectiveness](#)

The unexpectedly robust response to just one dose of pandemic H1N1 vaccine in research subjects might suggest that the vaccine boosts preexisting immunity to a similar strain that has circulated since 1977, *New Scientist* reported today. Experts say other factors could also play a role, such as a slight priming effect from seasonal flu vaccination or a priming effect on the cell-mediated immune system from previous seasonal flu infections.



- [SEP 18] [UK sees signs of 2nd pandemic wave](#)

British health officials said today that surveillance data show a slight increase in pandemic H1N1 cases, which might herald the start of a second wave of infections, the *London Telegraph* reported. Suspected outbreaks have been reported at six schools, though there are no closure plans. Scottish officials also reported a rise in novel flu cases



- [SEP 18] [Lab clue led researchers to immune therapy](#)

A Melbourne scientist who recently presented a study on the use of immunoglobulin in severely ill H1N1 patients said a colleague first considered the therapy when evaluating the lab work of a rapidly declining hospitalized patient, the Canadian Press reported. Doctors noticed the patient had low IgG2 antibody levels after ordering tests on all H1N1 patients in the intensive care unit. They said IgG2 deficiency might explain why some patients become severely ill.

- [SEP 17] [H1N1 said to kill at same rate as seasonal flu](#)
The H1N1 flu death rate is lower than previously estimated and comparable to what is seen in a moderate flu season, a Harvard University expert said at a meeting in Washington,
- [SEP 17] [Experts say hand washing science shaky for flu](#)
Some infectious disease experts are questioning the science behind hand washing as a measure to curb the spread of the pandemic H1N1 virus, *Newsweek* reported.
- [SEP 17] [Microsoft offers Web tools for teachers, sick students](#)
Microsoft today launched a Web portal with free tools to help teachers and students manage class assignments during novel H1N1 outbreaks.
- [SEP 17] [China licenses third novel flu vaccine](#)
- [SEP 17] [Glaxo awaits US approval for H1N1 vaccine](#)
- [SEP 17] [Study finds no protection from surgical masks](#)
Surgical masks don't protect healthcare workers, but N95 respirators do, according to a 5-week trial at 24 Chinese hospitals.
- [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 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 18] [ECDC Situation Report for Sep 18](#)

- Weekly Influenza Surveillance Overview published;
- Two cases with oseltamivir-resistant strains identified in UK;
- Pandemic influenza A(H1N1) strain identified in pigs in Northern Ireland;
- 653 new cases reported in the EU and EFTA countries, reaching a total of 52 710 cases.

[SEP 16] [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 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 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](#)
Pandemic (H1N1) 2009 briefing note 10

[SEP 11] [Pandemic \(H1N1\) 2009 - update 65](#)
In the temperate region of the southern hemisphere (represented by countries such as Chile, Argentina, Australia, New Zealand, and South Africa), influenza activity continues to decrease or return to baseline.

Active transmission persists in tropical regions of the Americas and Asia. Many countries in Central America and the Caribbean continue to report declining activity for the second week in a row. However, countries in the tropical region of South America (represented by countries such as Bolivia, Ecuador, and Venezuela) are

reporting increasing levels of respiratory disease. In the tropical regions of Asia, respiratory disease activity remains geographically regional or widespread but the trend is generally increasing as noted in India, Bangladesh, and Cambodia.

In the temperate regions of the Northern Hemisphere activity is variable. In the United States, regional increases in influenza activity are being reported, most notably in the south eastern states. Most of Europe is reporting low or moderate respiratory diseases activity, but parts of Eastern Europe are beginning to report increases in activity.

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

[ARCHIVED] [Older WHO Updates](#)

Pan-American Health Organization (PAHO)

[SEP 11] [Regional Update for Sep 11: Pandemic \(H1N1\) 2009](#)

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

Australia and New Zealand



[SEP 18] [Australia National H1N1 Influenza 09 Update](#)

- At noon today Australia has 36,237 confirmed cases of pandemic (H1N1) 2009.
- The number of deaths associated with pandemic (H1N1) 2009 continues to increase. As of 18 September, 172 people have died. Of these deaths, four were pregnant women and 24 (13.95%) were Indigenous.
- There are currently 303 people in hospital around Australia with pandemic (H1N1) 2009. Of these, 13 of the people in hospital are Indigenous Australians. There are 59 people in Intensive Care Units at present.
- The total number of hospitalisations in Australia since pandemic (H1N1) 2009 is identified at 4,698.

[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)



[SEP 18] [Efficacy and economic assessment of conventional ventilatory support versus extracorporeal membrane oxygenation for severe adult respiratory failure \(CESAR\): a multicentre randomised controlled trial](#) *
The Lancet, Early Online Publication, 16 September 2009



[SEP 18] News : [Chief medical officer warns that swine flu may be on the rise again](#)
Nayanah Siva BMJ 2009;339:b3863



[SEP 18] CMAJ News: [Dispensing antivirals in remote communities](#)



[SEP 18] [A Call for "Smart Surveillance": A Lesson Learned from H1N1.](#) *
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[SEP 17] [Antiviral drug treatment for emerging swine flu.](#) *
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[SEP 17] [Altered Standards of Care During an Influenza Pandemic: Identifying Ethical, Legal, and Practical Principles to Guide Decision Making.](#) *
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- [SEP 17] [Strategies for mitigating an influenza pandemic with pre-pandemic H5N1 vaccines.*](#)
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- [SEP 17] [Managing risk around influenza A \(H1N1\) \(swine flu\)--what employers should know.*](#)
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- [SEP 17] [H1N1 warns of public-health deficiencies.*](#)
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- [SEP 17] [Poverty, Wealth, and Access to Pandemic Influenza Vaccines](#)
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- [SEP 17] CMAJ News: [Swine flu breaks out on Vancouver Island](#)
- [SEP 17] CMAJ News: [Improved flu screening needed at airports](#)
- [SEP 17] [Economic consequences to society of pandemic H1N1 influenza 2009 – preliminary results for Sweden.](#)
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- [SEP 17] [Sub-optimal hand sanitiser usage in a hospital entrance during an influenza pandemic, New Zealand, August 2009.](#)
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- [SEP 16] [Behavioural responses to influenza pandemics: What do we know?](#)
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- [SEP 16] [Formal kinetics of H1N1 epidemic](#)
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- [SEP 16] [Letter to the Editor: Influenza A \(H1N1\) 2009 monovalent vaccine: Laboratory confirmation of vaccine breakdowns*](#)
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- [SEP 16] [What Mexico Taught the World About Pandemic Influenza Preparedness and Community Mitigation Strategies*](#)
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- [SEP 16] [CDC Names H1N1 Vaccine Priority Groups](#)
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- [SEP 14] [The emergence of the novel H1N1 virus: implications for global mental health.*](#)
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- [SEP 11] [Intensive care adult patients with severe respiratory failure caused by Influenza A \(H1N1\)v in Spain.](#)
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- [SEP 14] [Physicians, CIHR call for more H1N1 research funds](#)
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Business Resources

Harvard Health Publications

- [ARCHIVED] [Business Preparedness for Pandemic: Executive Briefing for Corporate and Governmental Decision-makers](#)
- [ARCHIVED] [Link to report from U.S. Government Accountability Office re Pandemic Planning and funding](#)

Canadian Business

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

Consumer Health Information Resources

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

[ARCHIVED] [MEDLINEplus - H1N1 Flu \(Swine Flu\)](#)

[ARCHIVED] [Specialized Information Service - National Library of Medicine](#)

[ARCHIVED] [Tufts University - \(SPIRAL\) Selected Patient Information in Asian Languages](#)

Clinical and Public Health Practice Tools

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

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

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

Historical Resources

[AUG 17] [A comparative study of the 1918-1920 influenza pandemic in Japan, USA and UK: mortality impact and implications for pandemic planning.](#)

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[JUN 30] [Swine flu of 1976: lessons from the past. An interview with Dr Harvey V Fineberg](#)

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Travel Advisories

[AUG 28] [Travel Health Notice: Human Swine Influenza in United States](#)

[AUG 28] [Travel Health Notice: Swine Flu in California and Texas](#)

[MAY 19] [Public Health Agency of Canada no longer recommends Canadians postpone elective or non-essential travel to Mexico](#)