

pH1N1 Flu Virus (Human Swine Influenza) Information Resources

Current as of October 8, 2009 at 4pm

Highlights

- CDC: [Podcast: Take 3 Actions to Fight Flu](#)
[People at High Risk of Developing Flu-Related Complications](#)
- DoH (UK): [Swine flu vaccination staff training video](#)

Literature

- MMWR: [Influenza Vaccination Coverage Among Children and Adults.](#)
[Update on Influenza A \(H1N1\) 2009 Monovalent Vaccines.](#)
- PLoS: [Economic Cost and Health Care Workforce Effects of School Closures in the U.S.](#)

In the News

- [2009 Flu will not be as bad as 1957 & 1968](#)
- [Hospitals setting up tents to treat flu emergency rush](#)
- [Fear that mass vaccination planning not in place](#)
- [300 pupils call in sick at flu school](#)

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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 \(WHO\)](#)
[Pan American Health Organization \(PAHO\)](#)
[Australia and New Zealand](#)

Other Resources

[Consumer Health Information Resources](#)
[pH1N1 Clinical Information](#)
[Research Articles](#)
[Clinical and Public Health Practice Tools](#)
[Historical Resources](#)
[Travel Advisories](#)

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
Contact:
Gregory C. Gray, MD, MPH | Phone: (319) 384-5008 | gregory-gray@uiowa.edu

Archived

- [OCT 07] COCA Conference Call: [H1N1 Pediatrics Update and Overview of CDC's Child Care Guidance](#).
- [SEP 30] [Public Health Agency of Canada update on the H1N1 flu virus](#).
- [SEP 30] [COCA Conference Call: Overview of H1N1 Vaccine Safety: Licensing, Clinical Trials, and Vaccine Safety Monitoring](#)
Slides:
[Powerpointhttp://emergency.cdc.gov/coca/ppt/COCACall_NatlObstetricGrandRounds_H1N1andPregnancy092909CE.pps](http://emergency.cdc.gov/coca/ppt/COCACall_NatlObstetricGrandRounds_H1N1andPregnancy092909CE.pps)
- [SEP 29] [National Obstetric Grand Rounds: Pandemic \(H1N1\) 2009 Influenza and Pregnancy](#).
- [SEP 25] Public Health Agency of Canada update on the H1N1 flu virus.
Webcast of media briefing: http://www.phac-aspc.gc.ca/alerte/alerte/h1n1/h1n1_webcast-eng.php
- [SEP 23] [Social Media and Technology Breakthroughs: H1N1 and Seasonal Flu Communication](#)
Free Webinar to Discuss Using Social Media to Plan and Communicate for Flu
- [SEP 23] [Planning for an Influenza Pandemic in the Home Health Care Sector \(Web Conference\)](#)
To showcase resources that can support emergency preparedness planning within AHRQ will host a Web conference on September 23, 2009.
- [ARCHIVED] U.S. DHHS [H1N1 Video Briefing archive](#)
- September 8: Rear Admiral Anne Schuchat (CDC) gives a briefing on updated recommendations on the use of antivirals as well as an update on the H1N1 (swine) flu.
- [ARCHIVED] [Know what to do about the flu](#) : webcast series from the U.S flu.gov
- September 9: Parents and Child Care Providers

Ministry of Health and Long-Term Care (MOHLTC)

[OCT 01] [Ontario Influenza Bulletin: Surveillance Week 38 \(Sep 20 – Sep 26\)](#)

For the surveillance period of September 20 to September 26, 2009 :

- Overall, influenza activity in Ontario was similar 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.
- Health units reported either sporadic activity or no influenza activity for the current reporting week.
- There are 4,089 confirmed cases of H1N1 flu virus reported through the integrated Public Health System (iPHIS) as of September 26, 2009.

As of September 30 :

- 24 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 September 30, a number of whom have underlying medical conditions. 365 other people have been hospitalized and have since been discharged.
- A larger 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

[ARCHIVED] [Last H1N1 update was August 18](#)

Ontario Agency for Health Protection and Promotion (OAHPP)

[OCT 06] [Weekly Synthesis of Surveillance Information, Literature & Government Updates](#) (week ending Oct 2nd, 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 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](#)

[OCT 06] [Mexico Hosts High Level North American Meeting in Response to 2009 Influenza A \(H1N1\)](#)

The Government of Mexico today hosted a meeting with senior officials from Canada and the United States as part of ongoing North American efforts to address the challenges posed by the 2009 Influenza A(H1N1). The objectives of the meeting were for the three countries to take stock of efforts to date, and to continue sharing lessons learned and strategies to further prepare for and respond to the 2009 Influenza A(H1N1) virus.

[OCT 06] [Deaths Associated with H1N1 flu virus in Canada](#) [as of Oct 6]

No deaths reported since last update, 78 deaths in total.

[OCT 05] [FluWatch findings for Week 36 \(week ending Sep 26\)](#)

- The overall influenza activity increased for a second consecutive week, but still relatively low. The national ILI consultation rate remained similar to the previous week but was slightly above the expected range for this time of the year. The proportion of positive tests and the number of regions with localized or widespread activity were also higher than the previous week.
- BC had a particularly high influenza activity this week with almost 20% of positive influenza tests and eleven influenza outbreaks. NT was also affected with 2 outbreaks in schools and 3 new hospitalized cases due to Pandemic (H1N1) 2009.
- This week, 99.1% of the positive influenza A subtyped specimens were Pandemic (H1N1) 2009.
- The intensity of Pandemic (H1N1) 2009 in the population was low with twelve hospitalizations and no deaths reported this week. Hospitalized cases were reported from BC, SK, ON, QC and NT. As of September 26, 2009, a total of 1,479 hospitalized cases including 292 cases admitted to an intensive care unit (ICU) and 153 cases required ventilation as well as 78 deaths had been reported since the beginning of the pandemic.
- The influenza activity increased in the U.S. for a fourth consecutive week.
- The number of confirmed cases in Mexico reached higher levels in September than the Pandemic (H1N1) 2009 peak in April.

[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 08] [Podcast: Take 3 Actions to Fight Flu](#)



[OCT 08] [People at High Risk of Developing Flu-Related Complications](#)



[OCT 07] [Key Facts About 2009 H1N1 Flu Vaccine](#)



[OCT 07] [Questions & Answers: 2009 H1N1 Nasal Spray Vaccine](#)

[OCT 06] [What Should Pregnant Women Know About 2009 H1N1 Flu \(Swine Flu\)?](#)

- [OCT 06] [H1N1 Clinicians Questions and Answers \[Updated\]](#)
- [OCT 06] [Template Letter for Healthcare Providers about the Vaccine Adverse Event Reporting System \(VAERS\)](#)
- [OCT 05] [Questions & Answers : 2009 H1N1 Influenza Vaccine](#)
- [OCT 05] Seasonal and 2009 H1N1 Flu: A Guide for Parents
[Brochure](#) and [Flyer](#)
- [OCT 05] [Healthcare Providers and Facilities - Decision Tree for 2009 H1N1 Vaccination](#)
- [OCT 02] [2009-2010 Influenza Season Triage Algorithm for Adults \(>18 Years\) With Influenza-Like Illness](#)
- [OCT 02] [2009 H1N1 Influenza Vaccine and Pregnant Women: Information for Healthcare Providers](#)
- [OCT 02] [2009 H1N1 Influenza Shots and Pregnant Women: Questions and Answers for Patients](#)
- [OCT 02] [Patients with Asthma: Considerations for Clinicians Regarding 2009 H1N1 Influenza Virus](#)
- [OCT 02] [Asthma Information for Patients and Parents of Patients](#)
- [OCT 02] [Weekly FluView Map and Surveillance Report for Week Ending September 26, 2009](#)
- During week 38 (September 20-26, 2009), influenza activity remained elevated in the U.S
 - 2,126 (22.8%) specimens tested by U.S. World Health Organization (WHO) and National Respiratory and Enteric Virus Surveillance System (NREVSS) collaborating laboratories and reported to CDC/Influenza Division were positive for influenza.
 - 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.
 - Eleven influenza-associated pediatric deaths were reported and all eleven 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 through 10 reported ILI above region-specific baseline levels; only Region 1 was below its region-specific baseline.
 - Twenty-seven states reported geographically widespread influenza activity, Guam and 18 states reported regional influenza activity, two states, the District of Columbia, and Puerto Rico reported local influenza activity, one state reported sporadic influenza activity, and the U.S. Virgin Islands and two states did not report.
 - The 2009-10 influenza season officially begins October 4, 2009.

[OCT 02] [2009 H1N1 Flu: Situation Update](#)

Cases Defined by	Hospitalizations	Deaths
Influenza and Pneumonia Syndrome*	12,863	1,197
Influenza Laboratory-Tests**	3,311	182
Totals:	16,174	1,379

[OCT 02] Vaccine Information Statement: [Live, Intranasal 2009 H1N1 Influenza Vaccine](#)

[OCT 02] Vaccine Information Statement: [Inactivated 2009 H1N1 Influenza Vaccine](#)

[OCT 02] [U.S. Influenza and Pneumonia-Associated Hospitalizations and Deaths from September 20-26, 2009](#)

As of 11:00 AM ET on October 2, 2009, CDC is reporting 16,174 hospitalizations and 1,379 deaths. This reports all influenza and pneumonia-associated hospitalizations and deaths (including 2009 H1N1 and seasonal flu) since August 30, 2009 received by CDC from U.S. states and territories.

[OCT 02] [2009 H1N1 Flu: International Situation Update](#)

As of October 2, 2009, the World Health Organization (WHO) regions have reported over 343,298 laboratory-confirmed cases of 2009 H1N1 with at least 4,108 deaths.

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

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

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

Other US Sources

[OCT 07] The Washington Post: [Using the Web to Diagnose Swine Flu](#)
Are you wondering whether you or your kid is sick enough to see a doctor to get treated for swine flu? Microsoft Corp., working with doctors at Emory University, Wednesday announced the availability of an [interactive web site](#) to help.

[OCT 07] The Brookings Institute. [Economic Cost and Health Care Workforce Effects of School Closures in the U.S.](#)

Lempel H, Hammond RA, Epstein JM. Center on Social and Economic Dynamics Working Paper No.55. September 30, 2009

[OCT 06] The US Equal Opportunity Commission: [Pandemic Preparedness In The Workplace And The Americans With Disabilities Act](#)

[OCT 01] [Orders for Live Attenuated Influenza Vaccine](#) [mentioned in CIDRAP section last Friday]

[OCT 02] Trust for America's Health (TFAH). [H1N1 challenges ahead](#). 2009.

- [OCT 01] Robert Wood Johnson Foundation: [New Report Finds Hospital Beds Could Run Out in 15 States if 35 Percent of Americans Get H1N1](#)
- [SEP 29] Institute of Medicine: [Guidance for Establishing Crisis Standards of Care for Use in Disaster Situations](#)

Center for Infectious Disease Research and Policy



- [OCT 07] [Guidance targets pandemic-related questions about disability law](#)
Businesses that take steps to protect workers during a pandemic have worried about staying in compliance with the Americans with Disabilities Act (ADA), and federal officials have responded by issuing new guidance that addresses many of the issues.
- [OCT 06] [States to get first injectable H1N1 vaccine doses next week](#)
Lisa Schnirring ■ Staff Writer (CIDRAP News) – States will begin receiving their first injectable doses of the pandemic H1N1 vaccine next week and can look forward to plentiful and steady supplies over the next 2 weeks, federal officials said today.
- [OCT 06] [Cuba asks international help getting vaccine](#)
The Cuban government has asked the World Health Organization (WHO) and the Pan American Health Organization to help the country acquire H1N1 vaccine, saying the formula is too expensive for it to afford on its own. The island nation has officially recorded 468 cases of H1N1 flu but no deaths since the pandemic began.
- [OCT 06] [Tunisia prohibits hajj pilgrimages](#)
Though some Muslim countries have taken measures to limit the number of people making the hajj pilgrimage to curb the spread of pandemic flu, Tunisia today became the first to bar its citizens from making the trip, Reuters reported today. The country's religious affairs ministry said a vaccine would not arrive in time to vaccinate pilgrims for November travel. About 10,000 Tunisians typically make the trip every year.
- [OCT 06] [Study shows regional variance in pandemic response](#)
In the first several days after the WHO declared pandemic level 5 on Apr 29, Malaysians showed greater concern than their European counterparts but also more preparedness steps, according to a study released today. Forty-two percent of Malaysians and only 5% of Europeans said they were "very concerned" about the outbreak. Malaysians also ranked higher in reduced public transport use (48% to 22%), flight cancellations (56 % to 17%), and intent to buy protective equipment (41% to 15%).
- [OCT 05] [WHO will not act on unpublished Canadian data](#)
A teleconference convened Friday by the WHO to assess the validity of unpublished data linking seasonal flu vaccine and development of H1N1 flu did not find the association persuasive, according to the Canadian Press. The data by Canadian researchers, contained in an article that is in press at an unnamed medical journal but apparently has circulated widely, has led to almost universal scaling back of seasonal flu shot campaigns in Canada
- [OCT 05] [US health workers get first pandemic flu vaccine doses](#)
The nation's first doses of the pandemic H1N1 vaccine were administered today, mainly to a limited group of healthcare workers and emergency medical service

workers, while some physicians' offices fielded calls about when the vaccine would be more widely available.

[OCT 05] [UN officials call for more donated vaccine](#)
Though some vaccine companies and affluent nations have already donated supplies of pandemic flu vaccine to developing nations, more is needed, officials from the World Health Organization (WHO) and the United Nations said yesterday, according to a Reuters report.

[OCT 05] [NYC's schools hold pandemic vaccine drill](#)
New York City health and education department will hold vaccination clinics at five of the city's schools next week to prepare for school based pandemic H1N1 vaccine clinics. Parents will start receive consent forms to sign if they want their children to receive the vaccine. The city said it will begin an 8-week school-based vaccination effort in late October at the elementary schools. In November and December vaccine clinics will be held at middle schools and high schools on weekends.

[OCT 02] [Researchers name severe flu syndrome: FLAARDS](#)

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

Health Protection Agency (UK)



[OCT 08] [HPA Weekly National Influenza Report](#) (Week 41)



[OCT 08] [HPA weekly pandemic flu media update](#)

- The flu-like illness rate in England from the Royal College of General Practitioners (RCGP) scheme increased to 26.3 per 100,000 in week 40. An increase was seen in most age groups.
- 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. From week 37 to week 38 there was a 24% increase, 39% between week 38 to 39 and 12% from week 39 to 40. The antivirals were most collected by the 25-44 year olds but the largest increase was in the 15-24 year olds. (7,935 in week 39 to 9,675 in week 40).
- 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 18,000 new cases in England last week (range 9,000 to 38,000) compared with 14,000 in week 39.
This estimate incorporates data from National Pandemic Flu Service and GP consultations.

[OCT 06] [Weekly International Summary](#) [taken from WHO data]

[ARCHIVED] [Swine Influenza page](#)

Department of Health (UK)



[OCT08] [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 08] [ECDC Daily Update: Pandemic H1N1 2009](#)

- Total of 192 fatal cases in Europe and EFTA countries and 4 367 in the rest of the world have been reported up to date.

[OCT 05] [ECDC Executive Update: Pandemic influenza A\(H1N1\) 2009 \(Issue 13\)](#)

[OCT 02] [How best to use the pandemic vaccines when they become available?](#)

[OCT 01] [Scientific Advances: Comparison between the 1957 and 2009 pandemics – a close but imperfect fit](#)

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

European Union

[OCT 06] [Why healthcare workers are a priority group for pandemic influenza A\(H1N1\) vaccination?](#)

[OCT 02] [Personal message from Commissioner Vassiliou](#)

[OCT 02] [European Medicines Agency recommends authorisation of additional vaccine for influenza 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.

[OCT 06] [Address to the Regional Committee for the Eastern Mediterranean \(56th session\)](#) Dr Margaret Chan, Director-General of the World Health Organization

[OCT 02] [Pandemic \(H1N1\) 2009 - update 68](#)

- As of 27 September 2009, worldwide there have been more than 340,000 laboratory confirmed cases of pandemic influenza H1N1 2009 and over 4100 deaths reported to WHO.
- All pandemic H1N1 2009 influenza viruses analyzed to date have been antigenically and genetically similar to A/California/7/2009-like pandemic H1N1 2009 virus.
- Transmission of influenza virus and rates of influenza-like-illness (ILI) continue to increase in the temperate regions of the northern hemisphere. In North America, influenza transmission is geographically widespread and continues to increase. Levels of ILI have continued to increase and remain above the seasonal baseline for the past 4 weeks in most regions of the United States. In Europe and Central and Western Asia, although overall influenza activity remains low an increase in transmission has been noted in a number of countries and continues to intensify in others. *[For the complete update on countries, please follow the link above]*

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

[ARCHIVED] [Older WHO Updates](#)

Pan-American Health Organization (PAHO)

[OCT 02] [Regional Update. Pandemic \(H1N1\) 2009. \(published on October 2, 2009\)](#)

Summary of the situation reported during the last week

- 8,869 new confirmed cases (146,016 cumulative cases in 35 countries).
- 158 new confirmed deaths (3,292 confirmed deaths in 25 countries).
- 98.9% of the influenza A viruses that were subtyped were pandemic (H1N1) 2009.
- South America experienced low intensity and a decrease or unchanged trend
- North America experienced an increasing trend despite low intensity of acute respiratory disease everywhere except for Mexico
- Central America experienced low or moderate intensity and a decreasing trend.
- The Caribbean experienced low or moderate intensity and an increasing trend.

Number of confirmed cases and deaths

- As of 2nd October 2009, a total of 146,106 confirmed cases have been reported in all 35 countries in the Americas Region.
- A total of 3,292 deaths have been reported among the confirmed cases in 25 countries of the Region.

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

Australia and New Zealand



[OCT 08]

[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 36,888 confirmed cases of pandemic (H1N1) 2009.
- As of 8 October, 185 people have died. Of these deaths, four were pregnant women and 24* (13.11%) were Indigenous.
- **The reporting of *current hospitalisations* has been replaced by weekly reporting of *new hospitalisations***, as States and Territories have moved from reporting data daily to reporting weekly.
- There have been 36 new hospitalisations for the past week around Australia with pandemic (H1N1) 2009. Of these, 1 of the people in hospital is Indigenous Australian. There have been 10 people admitted to Intensive Care Units this week
- The total number of hospitalisations in Australia since pandemic (H1N1) 2009 is identified at 4,806.

[OCT 07]

[New Zealand Pandemic Influenza \(H1N1\) 09 Swine Flu - Update 154](#)

- There are few changes to report and influenza activity including swine flu is now the same as would be expected at this time of year.
- As at midday today four people are in hospital with confirmed swine flu (H1N1) 09 or its complications – up from two last week.
- The cumulative total of people in New Zealand who have returned a positive laboratory test for swine flu (H1N1) 09 is 3174, up 11 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 08]

[Influenza Vaccination Coverage Among Children and Adults.](#)

MMWR. 2009; 58(39):1091-1095.



[OCT 08] [Update on Influenza A \(H1N1\) 2009 Monovalent Vaccines.](#)
MMWR. 2009; 58(39):1100-1101.



[OCT 08] [The future of influenza vaccines](#)
Editorial. BMJ 2009;339:b4014 . Published 6 October 2009, doi:10.1136/bmj.b4014



[OCT 08] [Chronic Exercise Reduces Illness Severity, Decreases Viral Load, and Results in Greater Anti-Inflammatory Effects than Acute Exercise during Influenza Infection*](#)
Kohut ML, Sim YJ, Yu S, Yoon KJ, Loiacono CM. J Inf Dis. 2009;200:000–000. Published online October 7, 2009. DOI: 10.1086/606014



[OCT 08] [How to win trust over flu](#)
Nature 461, 698 (8 October 2009,) | doi:10.1038/461698a; Published online 7 October 2009



[OCT 08] [Economic Cost and Health Care Workforce Effects of School Closures in the U.S.](#)
Lempel H, Epstein JM, Hammond RA. PLoS Currents: Influenza. Published online October 5, 2009.



[OCT 08] [Swine flu and meningitis.*](#)
Head C. Emerg Nurse. 2009 Sep;17(5):8. No abstract available.



[OCT 08] [Cold weather planning: The flu pandemic that came in from the cold.*](#)
Taylor J. Health Serv J. 2009 Sep 10;119(6173):24-5. No abstract available.



[OCT 08] [Swine flu: Business as usual in a pandemic.*](#)
Carlisle D. Health Serv J. 2009 Aug 13;119(6169):18-9. No abstract available.



[OCT 08] [An update on swine-origin influenza virus A/H1N1: a review.*](#)
Schnitzler SU, Schnitzler P. Virus Genes. 2009 Oct 7. [Epub ahead of print]



[OCT 08] [Reassortment patterns in Swine influenza viruses.](#)
Khiabani H, Trifonov V, Rabadan R. PLoS One. 2009 Oct 7;4(10):e7366.



[OCT 08] [Slipping through the net: social vulnerability in pandemic planning.*](#)
Mastroianni AC. Hastings Cent Rep. 2009 Sep-Oct;39(5):11-2. No abstract available.



[OCT 08] [Swine flu vaccine: what is fair?*](#)
Gostin LO. Hastings Cent Rep. 2009 Sep-Oct;39(5):9-10. No abstract available.

[OCT 07] [Partial protection of seasonal trivalent inactivated vaccine against novel pandemic influenza A/H1N1 2009: case-control study in Mexico City](#)
Garcia-Garcia L et al. BMJ 2009;339:b3928 Published 6 October 2009, doi:10.1136/bmj.b3928

[OCT 07] [If Schools Are Closed, Who Will Watch Our Kids? Family Caregiving and Other Sources of Role Conflict among Nurses during Large r-Scale Outbreaks.*](#)

O'Sullivan TL et al. Prehosp Disaster Med. 2009 Jul-Aug;24(4):321-5.

- [OCT 07] [Development of a new disinfectant with very strong anti-influenza viral activity: a preliminary report.*](#)
Takakuwa H et al. Environ Health Prev Med. 2009 Oct 6.
- [OCT 07] [Controlling infectious disease outbreaks: Lessons from mathematical modelling.*](#)
Hollingsworth TD. J Public Health Policy. 2009 Sep;30(3):328-41.
- [OCT 07] [Influenza A \(H1N1\) 2009: a pandemic alarm.*](#)
Khanna M, Gupta N, Gupta A, Vijayan VK. J Biosci. 2009 Sep;34(3):481-9.
- [OCT 07] [Structures of receptor complexes formed by hemagglutinins from the Asian Influenza pandemic of 1957.*](#)
Liu J et al. Proc Natl Acad Sci U S A. 2009 Sep 28.
- [OCT 07] [Current challenges in viral hepatitis, antimicrobial resistance and the influenza pandemic.*](#)
Fung J. Expert Rev Anti Infect Ther. 2009 Oct;7(8):945-9.
- [OCT 07] [Influenza vaccine manufacture: keeping up with change.*](#)
Neuzil KM, Bright RA. J Infect Dis. 2009 Sep 15;200(6):835-7.
- [OCT 07] [Development of a real-time RT-PCR assay for a novel Influenza A\(H1N1\) virus*](#)
Tao J et al. Journal of Virological Methods. In Press.
- [OCT 07] [News: People with asthma are most at risk of complications from swine flu, study shows](#)
Ellis O. BMJ 2009;339:b4103. Published 6 October 2009, doi:10.1136/bmj.b4103.
- [OCT 06] [Summaries for Patients: Assessing the Best Way to Prevent Spread of Influenza](#)
Annals of Internal Medicine. 2009 Dec 15;151(12).
- [OCT 06] [Respiratory Protection Against Influenza](#)
Srinivasan A, Perl TM. JAMA. 2009;302(17):(doi:10.1001/jama.2009.1494).
- [OCT 06] [Surgical Mask vs N95 Respirator for Preventing Influenza Among Health Care Workers: A Randomized Trial](#)
Mark Loeb; Nancy Dafoe; James Mahony; et al. JAMA. published online Oct 1, 2009; (doi:10.1001/jama.2009.1466)
- [OCT 06] Summaries for Patients : [The Effects of Hand Washing and Facemasks on Prevention of Influenza Infection](#)
Annals of Internal Medicine. 6 October 2009 ; 151(7):I-18
Summaries for Patients are a service provided by *Annals* to help patients better understand the complicated and often mystifying language of modern medicine

- [OCT 06] [Conflict emerges over value of handwashing as a preventive flu transmission measure](#)
Early release, published at www.cmaj.ca on October 5, 2009. Subject to revision.
- [OCT 06] [Effectiveness and Cost-Effectiveness of Vaccination Against Pandemic Influenza \(H1N1\) 2009](#)
Khazeni N, Hutton DW, Garber AM, Hupert N, Owens DK. *Annals of Internal Medicine*. 2009 Dec 15;151(12).
- [OCT 06] [Effectiveness and Cost-Effectiveness of Expanded Antiviral Prophylaxis and Adjuvanted Vaccination Strategies for an Influenza A \(H5N1\) Pandemic](#)
Khazeni N, Hutton DW, Garber AM, Owens DK. *Annals of Internal Medicine*. 2009 Dec 15;151(12).
- [OCT 06] [The Modern Crystal Ball: Influenza Forecasting With Mathematical Models](#)
Kansagra, S. M., Farley, T. A. *Annals of Internal Medicine*. 2009 Dec 15;151(12).
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H1N1 Flu and the Tartar Steppe. S209

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A Primer on Strategies for Prevention and Control of Seasonal and Pandemic Influenza. S216-S224

Estimating Influenza-Associated Deaths in the United States. S225-S230.

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Protection of Racial/Ethnic Minority Populations During an Influenza Pandemic. S261-S270.

Pandemic Influenza Preparedness and Vulnerable Populations in Tribal Communities. S271-S278.

Pandemic Influenza Preparedness and Response Among Immigrants and Refugees. S278-S286.

Pandemic Influenza Preparedness and Response Among Public-Housing Residents, Single-Parent Families, and Low-Income Populations. S287-S293.

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Protecting Home Health Care Workers: A Challenge to Pandemic Influenza Preparedness Planning. S301-S307.

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Role of the Primary Care Safety Net in Pandemic Influenza. S316-S323.

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

Consumer Health Information Resources

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

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[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](#)

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[OCT 01] [Scientific Advances: Comparison between the 1957 and 2009 pandemics – a close but imperfect fit](#)

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- [AUG 28] [Travel Health Notice: Human Swine Influenza in United States](#)
- [AUG 28] [Travel Health Notice: Swine Flu in California and Texas](#)
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