

pH1N1 Flu Virus (Human Swine Influenza) Information Resources

Current as of October 2, 2009 at 4pm

Highlights

- CDC:
Vaccine Information Statements:
[Live, Intranasal 2009 H1N1 Influenza Vaccine](#)
[Inactivated 2009 H1N1 Influenza Vaccine](#)

[Reducing transmission of pandemic \(H1N1\) 2009 in school settings](#)

[28 pregnant women have died from H1N1 swine flu: CDC](#)
- [Trust for America's Health \(TFAH\). H1N1 challenges ahead.](#)
Even if the second wave of the H1N1 pandemic is mild, 15 states could run out of hospital beds, assuming that 35% of Americans are sickened by the flu, a new report says. Another 12 states would be hard-pressed, with influenza patients occupying at least 75% of their bed capacity, said Jeff Levi, PhD, of Trust for America's Health, the New York-based nonprofit organization that prepared the report. Even at a 25% attack rate, five states would have more patients than beds, according to the 38-page report.
- [Sanofi study confirms H1N1 vaccine 1-dose efficacy](#)
Sanofi announced the results of additional trials that confirm the company's pandemic H1N1 vaccine is effective with just one dose, similar to initial findings from a National Institutes of Health study. Results of the latest trial of 849 adults show that a single 15-microgram dose is protective after 21 days, even in seniors. US regulators approved Sanofi's vaccine on Sep 15.

Literature

- [Special pH1N1 supplement to the American Journal of Public Health.](#) 2009;199(suppl 2) <http://www.ajph.org/content/vol99/issueS2/>
- [Salicylates and Pandemic Influenza Mortality, 1918–1919 Pharmacology, Pathology, and Historic Evidence](#)
A hypothesis suggests that aspirin regimens that were recommended during the 1918–1919 influenza pandemic—and that are now known to be excessive and to cause pulmonary edema—contributed to the pandemic's unprecedented mortality and especially to the mysterious increased mortality in young adults.
- [Public Health and Medical Responses to the 1957-58 Influenza Pandemic](#)

Contents

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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

Archived

- [SEP 30] The Honourable Leona Aglukkaq, federal Minister of Health, along with Dr. David Butler-Jones, Chief Public Health Officer of Canada, 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.
- Webcast of media briefing:
http://www.phac-aspc.gc.ca/alert-alerthe/h1n1/h1n1_webcast-eng.php
- [SEP 30] [COCA Conference Call: Overview of H1N1 Vaccine Safety: Licensing, Clinical Trials, and Vaccine Safety Monitoring](#)
Slides: [Powerpoint](#) (735 KB/ 43 slides)
- [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/alert-alerthe/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)

- [SEP 28] [Ontario Influenza Bulletin: Surveillance Week 37 \(Sep 13 – Sep 19\)](#)
- Overall, influenza activity in Ontario during week 37, 2009, was similar compared to week 36, 2009.
 - Ontario health units reported 12 new confirmed cases of influenza through the integrated Public Health Information System (iPHIS). This count includes 7 laboratory confirmed cases of pH1N1.

- During week 37, new laboratory
- confirmed cases of pH1N1 continued to be seen in the Eastern, Central East, and Central West regions.
- No new institutional influenza outbreaks were reported.
- For week 37, health units reported either 'sporadic' level or no influenza activity. The rate of influenza-like illness (ILI) in patients seen by sentinel physicians was slightly above the range that is expected for this time of the year based on the average ILI rate reported in week 37 from the past 3 years.

[SEP 24] News release: [Ontario Announces Flu Shot Rollout for Seasonal and H1N1 Vaccines](#)

[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 01] [Weekly Synthesis of Surveillance Information, Literature & Government Updates](#) (week ending Sep 25, 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.

[SEP 30] [Deaths Associated with H1N1 flu virus in Canada](#) [Sept. 24-29]
No deaths reported since last update, 78 deaths in total.

[SEP 30] [FluWatch findings for Week 36 \(week ending Sep 19\)](#)

- The overall influenza activity slightly increased this week and remained high for this time of the year. The national ILI consultation rate increased for a second consecutive week and was above the expected range. The proportion of positive influenza tests was also slightly higher than the previous week. Localized activity was reported in 2 regions in BC.
- This week, 98.3% of the positive influenza A subtyped specimens were Pandemic (H1N1) 2009.
- The intensity of Pandemic (H1N1) infection 2009 in the population was low with only eight hospitalizations and two deaths reported this week. While hospitalized cases were reported from BC, MB, ON, QC and NT, the deaths were from BC and ON. As of September 19, 2009, a total of 1,467 hospitalized cases including 292 cases admitted to an intensive care unit (ICU) and 151 cases required ventilation as well as 78 deaths had been reported since the beginning of the pandemic.

- The prescription rate of Antivirals was high for the second consecutive weeks in southern BC and in NT.
- The influenza activity increased in the U.S. for a third consecutive week.
- In conclusion, no indication yet of emergence of the 2nd wave of Pandemic (H1N1) 2009 but significant increase of influenza activity in southern BC.

[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 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](#)

[SEP 29] [Interim Recommendations for Clinical Use of Influenza Diagnostic Tests During the 2009-10 Influenza Season](#)

- [QUESTIONS & ANSWERS : Influenza Diagnostic Testing During the 2009-2010 Flu Season](#)
- [Interim Recommendations for Clinical Use of Influenza Diagnostic Testing During the 2009-2010 Influenza Season : For Health Care Providers](#)
- [2009 H1N1 Influenza Vaccine and Seniors](#) [SEP 30]

- [SEP 28] [CDC Health Alert Network \(HAN\) Info Service Message: Updated Pediatric Antiviral Dosing Syringe and Compounding Information for 2009 H1N1 and Seasonal Flu](#)
- [SEP 25] [Weekly Influenza Activity Estimates Reported by State and Territorial Epidemiologists](#)
September 13- September 19:
 - Influenza and Pneumonia Syndrome: 8,392 hospitalized, 822 deaths
 - Influenza Laboratory-tests: 690 hospitalized, 114deaths
 - Total: 10,082 hospitalizations and 936 deaths
- [SEP 25] [Weekly FluView Map and Surveillance Report for Week Ending September 19, 2009](#)
During week 36 (September 13-19, 2009), influenza activity remained stable in the United States; however, there were still higher levels of influenza-like illness than is normal for this time of year.
- [ARCHIVED] [Previous CDC documents and updates](#)

Other US Sources



- [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](#)
- [SEP 24] [HHS Agency for Healthcare Research and Quality \(AHRQ\). Mass Medical Care with Scarce Resources: The Essentials.](#)
- [SEP 24] [H1N1 Flu: A Guide for Community and Faith-based](#)

Center for Infectious Disease Research and Policy



- [OCT 01] [First H1N1 vaccine doses headed to states, cities](#)
The first 600,000 doses of pandemic H1N1 vaccine—all of them the nasal-spray formulation—are on their way to 25 states and major cities and should arrive by Tuesday, Oct 6, matching earlier predictions, federal health officials said today.
- [OCT 01] [Preparedness report spells out H1N1 challenges](#)
Though the nation is going into its second wave of the H1N1 pandemic armed with crucial improvements such as better vaccine capacity, remaining challenges in medical surge and vaccine distribution could hamper response now and into a third wave, preparedness experts said today.



[OCT 01]

[Poll: Americans iffy on pandemic flu shot](#)

Americans are uncertain about getting the pandemic H1N1 vaccine, according to a poll conducted in early September by the *Consumer Reports* Health Ratings Center. Only 34% said they would definitely get the vaccine when it's available, while 21% said they would decline. Forty-three percent said they will wait and see what happens with flu developments. The nation survey of 1,502 adults found that 35% will have their children vaccinated, 50% are unsure, and 14% will not.



[OCT 01]

[US Army records H1N1 death](#)

An apparently healthy 23-year-old soldier may be the US military's first fatality from the novel strain. Spec. Christopher Hogg of Deltona, Fla., serving at Fort Jackson, S.C., died of flu-related pneumonia Sep 10, 10 days after falling ill. The fort's commanding general told media that autopsy data confirmed Spec. Hogg had no underlying conditions that would have made him vulnerable. More than 50 soldiers at the 10,000-member base, the Army's largest training center, currently have flu.



[OCT 01]

[Flu sidelines 1 in 14 on US Navy ship](#)

An outbreak of H1N1 flu aboard the USS Boxer, a Navy amphibious assault ship holding more than 2,200 sailors and Marines, put 166 personnel into isolation for an average of 3.6 days each, according to military medical surveillance. Epidemiologists described the illness, which struck 7.3% of personnel, as mild and brief, with cough, aches, sore throat and fevers less than 102 degrees. The month-long outbreak began after the ship completed a 5-day "liberty port" in Phuket, Thailand.



[OCT 01]

[Sanofi warns of delay in seasonal flu shots](#)

A spokeswoman from Sanofi said today that the company is behind on its shipments of seasonal flu vaccine because of pressure to quickly produce the pandemic flu vaccine, the Associated Press (AP) reported. Sanofi said it has shipped more than half of the 50.5 million doses ordered by US providers, who may face delays into November.



[OCT 01]

[Sanofi study confirms H1N1 vaccine 1-dose efficacy](#)

Sanofi today announced the results of additional trials that confirm the company's pandemic H1N1 vaccine is effective with just one dose, similar to initial findings from a National Institutes of Health study. Results of the latest trial of 849 adults show that a single 15-microgram dose is protective after 21 days, even in seniors. US regulators approved Sanofi's vaccine on Sep 15.

[SEP 30]

[Researchers find mutation in novel H1N1](#)

Virologists in the Netherlands have detected a pandemic H1N1 virus mutation that has been linked to enhanced replication and possible virulence changes. In a Sep 28 ProMed e-mail list post, they said they found the mutation in the basic polymerase 2 protein in samples from two patients who had links to an island in northern Holland. Both patients recovered. In a Canadian Press report yesterday, experts said it's not clear how clinically significant the mutation is, but it bears watching.

[SEP 30]

[Military flu shots to provide data](#)

Active-duty members of the US armed forces will begin receiving 1.4 million doses of H1N1 flu vaccine in the next 10 days, part of a 2.7-million-dose vaccine purchase by the Pentagon. The shots, which are mandatory, will go first to troops preparing to deploy, followed by troops on hold for domestic disasters. Planners hope the early shot campaign will provide needed data on efficacy and side effects.

[SEP 29] [CDC looks to improve H1N1 obstetric guidance](#)
Lisa Schnirring ■ Staff Writer (CIDRAP News) – As more pregnant women enter hospital delivery rooms sick with pandemic H1N1 flu, health professionals and their patients are struggling with some of the elements in federal guidance—such as having patients wearing masks during labor—that will soon be revised, experts from the US Centers for Disease Control and Prevention (CDC) said today.

[SEP 29] [Protection after early flu shots likely to last all season](#)

[SEP 29] [CDC cites bacterial infections in some H1N1 deaths](#)

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

Health Protection Agency (UK)

[OCT 01] [HPA Weekly National Influenza Report](#) 01 October 2009 (Week 40)

[OCT 01] [HPA weekly pandemic flu media update](#)

- Rates of flu-like illness and related activity have shown further increases in England. The largest rises in England have been seen in the North West and Yorkshire and Humber.
- The flu-like illness rate in England from the Royal College of General Practitioners (RCGP) scheme increased to 22.2 per 100,000 in week 39. 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. The largest increase was in the 25-44 year olds (8,796 in week 38 to 12,055 in week 39).
- 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 14,000 new cases in England last week (range 7,000 to 30,000). This is a 50 per cent rise since the previous week.
This estimate incorporates data from National Pandemic Flu Service and GP consultations.
- Globally, activity is generally increasing in the northern hemisphere, is variable in the tropical regions and has largely returned to baseline in the southern hemisphere.

[ARCHIVED] [Swine Influenza page](#)

Department of Health (UK)

[OCT 01] [Guidance On Sickness Certification In Response To The Swine Flu Pandemic](#)

[SEP 29] [Pandemic influenza: recommendations on the use of antiviral medicines for pregnant women, women who are breastfeeding and children under the age of one year](#)

[SEP 24] [Dosage of oseltamivir in children under one year of age with swine flu](#)

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

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



[OCT 02] [ECDC Daily Update: Pandemic H1N1 2009](#)

- Total of 182 fatal cases in Europe and EFTA countries and 4248 in the rest of the world have been reported up to date.



[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](#)

[SEP 29] [First European report of transmission of the pandemic A\(H1N1\) 2009 influenza virus from humans to pigs \(UK\)](#)

[SEP 28] [ECDC comments on MMWR report on Antiviral resistant viruses in the 2009 influenza pandemic and implications for use of antivirals](#)

[SEP 28] [ECDC Executive Update: Pandemic influenza A\(H1N1\) 2009 \(Issue 12\)](#)

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

European Union

[SEP 25] [EMA gives positive opinions for authorisation of two pandemic influenza vaccines](#)

[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 2] [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. Rates of influenza-like-illness continue to be above baseline levels in Ireland, parts of the United Kingdom (Northern Ireland), Israel, and France; in addition, more than 10 other countries in the region have reported geographically localized spread of influenza. In Japan, influenza activity has continued to increase above the seasonal epidemic threshold since week 33. In the tropical regions of the Americas and Asia, influenza transmission remains active but the trends in respiratory diseases activity are mixed. In the temperate regions of the southern hemisphere, influenza transmission has largely returned to baseline (Chile, Argentina, and New Zealand) or has declined substantially (Australia and South Africa).

[SEP 29] [WHO supports fair access to influenza A \(H1N1\) vaccine.](#)

Kieny MP. Bull World Health Organ. 2009 Sep;87(9):653-4.

[SEP 29] [Support for developing countries' response to the H1N1 influenza pandemic. Joint Statement by the UN Secretary-General and the WHO Director-General](#)



[SEP 28] Update: [Reducing transmission of pandemic \(H1N1\) 2009 in school settings](#)

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

[ARCHIVED] [Older WHO Updates](#)

Pan-American Health Organization (PAHO)

[SEP 25] [Regional Update for Epidemiological Week 37 \(EW 37\), Sep 13-19](#)

- Only the 18 countries reported updated information to PAHO regarding the qualitative indicators to monitor pandemic (H1N1) 2009 this week
- 14 countries in the Region reported having widespread geographical distribution of influenza virus
- Brazil and Cuba reported regional activity and Dominica and Saint Kitts and Nevis reported no activity
- Barbados, Canada, Cuba, Honduras, Jamaica, Mexico, and the United States reported an increasing trend of respiratory disease. Brazil, Costa Rica, El Salvador, Paraguay, Saint Kitts and Nevis, and Venezuela reported a decreasing trend. The other five countries reported an unchanged trend
- Regarding the intensity of acute respiratory disease, El Salvador, Mexico, and Paraguay reported high intensity of acute respiratory disease. The remaining 15 countries reported low or moderate intensity
- Nine countries (Barbados, Brazil, Costa Rica, Ecuador, El Salvador, Mexico, Paraguay, United States, and Venezuela) reported moderate impact on health care services, while eight countries reported low impact (Map 4).

[SEP 25] [PAHO/WHO launches two communities of practice \(CoPs\) related to the Pandemic \(H1N1\) 2009](#)

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

Australia and New Zealand



[SEP 30] [Free pandemic vaccine available for all](#)

From Sep 30 all States and Territories began offering vaccine to adults and children 10 years and over. Once the vaccine is registered for younger children by the Therapeutic Goods Administration, children will also be eligible to be vaccinated. A total of 5.5 million doses of the vaccine have been delivered around Australia for the start of this program.



[OCT 02] [Australia National H1N1 Influenza 09 Update](#)

- At noon today Australia has 36,670 confirmed cases of pandemic (H1N1) 2009.
- The number of deaths associated with pandemic (H1N1) 2009 continues to increase. As of 2 October, 183 people have died. Of these deaths, four were pregnant women and 24* (13.33%) were Indigenous.
- There have been 36 new hospitalisations for the current 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.

[SEP 30] [New Zealand Pandemic Influenza \(H1N1\) 09 Swine Flu - Update 153](#)

- There are a total of 3163 confirmed cases of Pandemic Influenza (H1N1) 09 swine flu
- The number of deaths from Pandemic Influenza (H1N1) swine flu where swine flu was a primary cause is 18.
- The Ministry of Health intends to today suspend inflight cabin announcements around Swine flu, and return to the normal levels of health screening of flights in and out of New Zealand.
- The reported level of influenza has declined to levels similar to the level at this time in the past two years. Influenza is still circulating, but this measure better reflects the reduced level of risk.

[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 2]

[Rethinking Influenza.](#)*

Rappuoli R, Del Giudice G, Nabel GJ, Osterhaus ADME, Robinson R, Salisbury D, Stöhr K, Treanor JJ. *Science* 2 October 2009: Vol. 326. no. 5949, p. 50 DOI: 10.1126/science.1179475



[OCT 2]

[Which factors are important in adults' uptake of a \(pre\)pandemic influenza vaccine?](#)

Zijregtop EAM, et al. *Vaccine*. 2009. In Press, Uncorrected Proof, Available online 2 October 2009.



[OCT 2]

[The Shifting Demographic Landscape of Influenza](#)

Bansal S, Pourbohloul B, Grenfell B, Ancel Meyers L. *PLoS Currents: Influenza*. 2009. Published October 2, 2009.



[OCT 2]

[How to maintain surveillance for novel influenza A H1N1 when there are too many cases to count](#)

Lipsitch M, Hayden FG, Cowling BJ, Leung GM. *Lancet*. 2009; 274(9696):1212.



[OCT 1]

[Surgical Mask vs N95 Respirator for Preventing Influenza Among Health Care Workers Published October 1, 2009.](#)

Loeb M et al. *JAMA*. 2009;302(17):(doi:10.1001/jama.2009.1466). Oct 1



[OCT 1]

[Respiratory Protection Against Influenza.](#)

Srinivasan A, Perl TM. *JAMA*. 2009;302(17):(doi:10.1001/jama.2009.1494).



[OCT 1]

The following articles are all in a special pH1N1 supplement to the American Journal of Public Health. 2009;199(suppl 2)

<http://www.ajph.org/content/vol99/issueS2/>

Titles and page numbers for the individual articles are below.

H1N1 Flu and the Tartar Steppe. S209

The Strongest Prescription of All: A Week in the WOODS. S210-S215.

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.

Pandemic Influenza and Pregnancy: An Opportunity to Reassess Maternal Bioethics. S231-S235.

The Open-Air Treatment of PANDEMIC INFLUENZA. S236-S242,.

Protecting Vulnerable Populations From Pandemic Influenza in the United States: A Strategic Imperative. S243-S248.

Pandemic Influenza and Pregnant Women: Summary of a Meeting of Experts. S248-S254.

Pandemic Influenza Planning: Addressing the Needs of Children. S255-S260

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.

Preparing for and Responding to Pandemic Influenza: Implications for People With Disabilities. S294-S300.

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

Pandemic Influenza and Farmworkers: The Effects of Employment, Social, and Economic Factors. S308-S315.

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

Effective Health Risk Communication About Pandemic Influenza for Vulnerable Populations. S324-S332.

Pandemic Influenza: Implications for Programs Controlling for HIV Infection, Tuberculosis, and Chronic Viral Hepatitis. S333-S339.

Pandemic Influenza and Jail Facilities and Populations. S339-S344.

What Should an Ideal Vaccine Postlicensure Safety System Be? S345-S350.













Screening for Influenza Infection in International Airline Travelers. S360-S362.

Changes in Prescribing of Antiviral Medications for Influenza Associated With New Treatment Guidelines. S362-S364.

Pandemic Influenza and Community Preparedness. S365-S371.

Enhancement of Influenza Surveillance With Aggregate Rapid Influenza Test Results: New Mexico, 2003–2007. S372-S377.

Disparities in Influenza Treatment Among Disabled Medicaid Patients in Georgia. S378-S382.

-  [SEP 30] [Effects of an Ongoing Epidemic on the Annual Influenza Vaccination Rate and Vaccination Timing Among the Medicare Elderly: 2000-2005. S383-S388.](#)
Katriel G, Stone L. PLoS Currents: Influenza. 2009. Published September 30, 2009.
-  [SEP 30] [Pandemic influenza dynamics and the breakdown of herd immunity](#)
Katriel G, Stone L. PLoS Currents: Influenza. 2009. Published September 30, 2009.
-  [SEP 30] [Switching gears for an influenza pandemic: validation of a duplex RT-PCR for simultaneous detection and confirmation of pandemic \(H1N1\) 2009.](#)
Leblanc JJ, Li Y, Bastien N, Forward KR, Davidson RJ, Hatchette TF. J Clin Microbiol. 2009 Sep 30. [Epub ahead of print]
-  [SEP 30] [Seasonal influenza species in people analysed for the presence of the pandemic \(H1N1\) 2009 influenza virus.](#)
Verheyen J, Balduin M, Kaiser R, Pfister H. J Clin Microbiol. 2009 Sep 30. [Epub ahead of print]
-  [SEP 30] [Swine-origin influenza virus A\(H1N1\)v: lessons learnt from the early phase of the epidemic.](#)
Rezza G. Eur J Public Health. 2009 Sep 30. [Epub ahead of print]
-  [SEP 29] [A/H1N1 flu pandemic: Managing neutropenic sepsis](#)
Crawford MS. MJ 2009;339:b3960. Published 29 September 2009, doi:10.1136/bmj.b3960.
-  [SEP 29] [A/H1N1 flu pandemic: A/H1N1 and other viruses affecting cystic fibrosis](#)
Whitaker P, Etherington C, Denton M, Conway S, Peckham D. BMJ 2009;339:b3958. Published 29 September 2009, doi:10.1136/bmj.b3958.
-  [SEP 29] [A/H1N1 flu pandemic: By any maths would be as weak](#)
Law R. BMJ 2009;339:b3959 Published 29 September 2009, doi:10.1136/bmj.b3959.
-  [SEP 29] [Salicylates and Pandemic Influenza Mortality, 1918–1919 Pharmacology, Pathology, and Historic Evidence](#)
Starko KM. Clinical Infectious Diseases 2009;49:000–000. DOI: 10.1086/606060
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[ARCHIVED] [Business Preparedness for Pandemic: Executive Briefing for Corporate and Governmental Decision-makers](#)

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Canadian Business

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

Consumer Health Information Resources

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

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

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

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

Clinical and Public Health Practice Tools

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

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

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

Historical Resources



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



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Travel Advisories

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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](#)