

pH1N1 Flu Virus (Human Swine Influenza) Information Resources

Current as of November 5, 2009 at 4pm

Highlights

OAHP: [Laboratory Surveillance Update - October 30, 2009](#)

PHAC: [Use of Panvax® H1N1 Vaccine \(CSL Biotherapies Inc.\) \(Unadjuvanted\)](#)

[Guidance for the Preparedness and Management of Influenza-Like Illness \(ILI\), Including Pandemic \(H1N1\) 2009, in Residential Facilities in Remote and Isolated Communities](#)

CDC: CDC-TV : Influenza Round Table : [Don't get, don't spread](#), [Warning signs](#), [Take 3](#), [Antiviral drugs](#)

WHO: [Infection of farmed animals with the pandemic virus](#)
[Pandemic \(H1N1\) 2009 briefing note 15](#)

Literature -----

Eurosurv: [Syndromic surveillance: the next phase of public health monitoring during the H1N1 influenza pandemic?](#)

[Interpreting "Google Flu Trends" data for pandemic H1N1 influenza: The New Zealand experience](#)

["I-MOVE" towards monitoring seasonal and pandemic influenza vaccine effectiveness: lessons learnt from a pilot multi-centric case-control study in Europe, 2008-9](#)

News -----

[CDC says vaccine shortage likely to outlast current H1N1 wave](#)

[Norway OKs OTC antiviral sales](#)

[Flu hits remote Amazon tribe](#)

[Pain relievers may blunt vaccine response](#)

[Iowa cat tests positive for pandemic flu](#)

[Canada exports excess vaccine antigen](#)

Contents

[Events](#)

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
- [NOV 30] Webcast: [Planning for a Pandemic - Can History Inform Action?](#)
Date: Monday, November 30, 2009, Monday at 13:00 (EST)
Reserve your Webinar seat now at:
<https://www2.gotomeeting.com/register/941279587>

Archived

- [NOV 04] MOHLTC: [H1N1 News Conference](#)
- [ARCHIVED] [COCA conference calls](#)
- [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)



[NOV 05] MOHLTC: [H1N1 News Conference](#)

[NOV 03] [H1N1 News Conference - November 1, 2009](#)

[OCT 30] [Ontario Influenza Bulletin: Surveillance Week 42 \(Oct 18 – Oct 24\)](#)

- Influenza activity in Ontario was higher compared to the previous week.
- There are 4,814 confirmed cases of H1N1 flu virus reported through the integrated Public Health System (iPHIS).
- 30 deaths have been reported among confirmed H1N1 cases.
- 68 people who have the H1N1 flu virus were in hospital as of 8:30 a.m. on October 28, a number of whom have underlying medical conditions. 475 other people have been hospitalized and have since been discharged.
- More hospitalized cases were reported this week compared to last week. Two new deaths among cases were reported this week.

[OCT 27] [Ontario Takes Additional Steps to Reduce H1N1 Transmission](#)

- [Emergency Departments Guidance Document](#)
- [Ambulatory Care Settings Guidance Document](#)
- [Long-Term Care Settings Guidance Document](#)
- [Pharmacies Guidance Document](#)
- [Shelters Guidance Document](#)
- [Homecare Guidance Document](#)

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

Important Health Notices

[NOV 03] [pH1N1 – Primary Health Care Services and Supports](#)

Ontario Agency for Health Protection and Promotion (OAHPP)



[NOV 05] [Laboratory Surveillance Update - October 30, 2009](#)



[NOV 05] [Weekly Synthesis of Surveillance Information, Literature & Government Updates \(Week ending Nov 2nd, 2009\)](#)

[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.



[NOV 03] [Addendum to the October 21, 2009 - Guidance Document on the Use of Pandemic Influenza A \(H1N1\) 2009 Inactivated Monovalent Vaccine Use of Panvax® H1N1 Vaccine \(CSL Biotherapies Inc.\) \(Unadjuvanted\)](#)



[NOV 04] [Respiratory Virus Detections/Isolations for the week ending October 31, 2009 \(Reporting Week 200943\)](#)



[NOV 04] [Guidance for the Preparedness and Management of Influenza-Like Illness \(ILI\), Including Pandemic \(H1N1\) 2009, in Residential Facilities in Remote and Isolated Communities](#)

[NOV 03] [Deaths associated with H1N1 flu virus in Canada](#)
New deaths reported (from October 29, 2009 to November 3, 2009, 11h00 EDT):
British Columbia – 2; Alberta – 2; Newfoundland and Labrador – 1; Yukon – 1;
Total – 6. Cumulative total: 101

[NOV 02] [Weekly Distribution of the H1N1 Flu Vaccine](#)
The Government of Canada is overseeing the distribution of the H1N1 flu vaccine from the vaccine manufacturer to the provinces and territories. The vaccine is being distributed to the provinces and territories on a per capita basis, as agreed to by the Chief Medical Officers of Health. The Territories have been supplied in full from initial shipments to minimize the number of shipments, given the logistical challenges of shipping to the North.

The following table lists the number of doses of H1N1 flu vaccine distributed per week to each province/territory, and the forecasted the number of doses to be distributed in the coming week.

Weekly Distribution of the H1N1 Flu Vaccine					
	Delivered to Date				Forecast
	Week 1	Week 2	Week 3		Week 4
	Oct. 12 - 18	Oct. 19 - 25	Oct 26 - Nov 1		Nov 2 - Nov 8
FPT	Adj. Doses	Adj. Doses	Adj. Doses	Total Doses Distributed ¹	Adj. / Unadj. Doses
Newfoundland	28,000	28,000	30,000	86,000	7,500 / 2,900
PEI	8,000	12,000	9,000	29,000	2,500 / 900
Nova Scotia	52,000	52,000	56,000	160,000	13,500 / 5,400
New Brunswick	41,500	41,500	46,000	129,000	11,000 / 4,400
Quebec	431,000	431,000	469,000	1,331,000	113,000 / 52,000

Ontario	722,000	722,000	785,000	2,229,000	189,500 / 86,800
Manitoba	71,000	63,000	72,000	206,000	17,500 / 9,200
Saskatchewan	56,500	56,500	60,000	173,000	14,500 / 8,100
Alberta	201,000	201,000	220,000	622,000	52,500 / 28,600
BC	232,500	232,500	353,000	818,000	64,500 / 25,000
Nunavut	22,000	0	0	22,000	0 / 600
Yukon	24,000	0	0	24,000	0 / 400
NWT	34,000	0	0	34,000	0 / 600
TOTAL:	1,923,500	1,839,500	2,100,000	5,863,000	486,000 / 224,900

¹ Dose distribution as of end of Oct. 31 (3 weeks of distribution)

[OCT 30] [Guidance for Clinical Management of Patients with Influenza-Like-Illness \(ILI\) in the context of pandemic \(H1N1\) 2009 in Remote and Isolated Communities](#)

[OCT 30] [Recommendations for pH1N1 Vaccine in Pregnancy](#)

[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.



[NOV 05] CDC-TV : Influenza Round Table
[Dr. Joe Bresee, Chief, Epidemiology and Prevention Branch, Influenza Division, CDC]

- [Don't get, don't spread](#)
- [Warning signs](#)
- [Take 3](#)
- [Antiviral drugs](#)

[NOV 04] [CDC Interim Guidance for Workers who are Employed at Commercial Swine Farms: Preventing the Spread of Influenza A Viruses, Including the 2009 H1N1 Virus](#)

[NOV 03] Questions & Answers : [2009 H1N1 Flu \("Swine Flu"\) and You](#)

[NOV 03] [Antiviral Safety Information](#): Updated

[NOV 03] [Monovalent Influenza Vaccine Dosage, Administration, and Storage](#)
This document provides health care providers, clinicians, and vaccine planners with information about 2009 H1N1 monovalent influenza vaccine dosage, administration and storage.

- [NOV 02] [Q & A Regarding 2009 H1N1 Influenza Vaccine Supply](#)
This document provides questions and answers about the current 2009 H1N1 vaccine supply
- [NOV 02] [Fact Sheet on Guillain-Barre syndrome \(GBS\)](#)
General information on GBS, background rate of GBS, and GBS surveillance systems in use during 2009-2010 flu season
- [NOV 02] [H1N1 Influenza: Resources for Pharmacists](#)
Quicklinks for information regarding Peramivir IV and to FDA's Guidance to Pharmacies on Advance Compounding of Tamiflu Oral Suspension to Provide for Multiple Prescriptions
- [NOV 02] [2009 H1N1 Influenza Vaccine Supply Status Daily Update](#)
- [OCT 30] [Peramivir IV Questions and Answers for Health Care Providers](#)
- [OCT 30] [U.S. Influenza and Pneumonia-Associated Hospitalizations and Deaths from August 30 to October 24, 2009](#)
During the week of October 18-24, 2009, influenza activity continued to increase in the United States as reported in FluView. Flu activity is now widespread. Nationwide, visits to doctors for influenza-like-illness are increasing steeply and are now higher than what is seen at the peak of many regular flu seasons. In addition, flu-related hospitalizations and deaths continue to go up nation-wide and are above what is expected for this time of year.
- [ARCHIVED] [Previous CDC documents and updates](#)

Other US Sources

- [NOV 04] [FDA issues guidance on diagnostic tests](#)
The US Food and Drug Administration (FDA) published guidance yesterday to help manufacturers develop diagnostic tests for the novel H1N1 influenza virus. Manufacturers of tests can submit a request to the FDA for an Emergency Use Authorization (EUA). If granted, the EUA will allow the test to be used during the H1N1 pandemic. No H1N1 test is currently approved or cleared by the FDA.
- [NOV 02] [Updated Results: In Youngest Children, a Second Dose of 2009 H1N1 Influenza Vaccine Elicits Robust Immune Response](#)
The National Institute of Allergy and Infectious Diseases (NIAID), part of the National Institutes of Health, today announced interim results that show that children nine years of age and younger have a significantly improved immune response when given a second 15-microgram dose of 2009 H1N1 influenza vaccine.
- [OCT 30] [H1N1 documents on CMS \[Centers for Medicare and Medicaid Services\]](#)
- [OCT 28] [Questions and Answers about Children and Tamiflu](#)

Center for Infectious Disease Research and Policy



[NOV 04]

[CDC says vaccine shortage likely to outlast current H1N1 wave](#)

Robert Roos 009 (CIDRAP News) – The head of the Centers for Disease Control and Prevention (CDC) predicted today that the current wave of H1N1 influenza is likely to begin to wane before the shortage of vaccine for it eases.



[NOV 04]

[Norway OKs OTC antiviral sales](#)

To ease response to the H1N1 pandemic, Norway is allowing over-the-counter sales of oseltamivir (Tamiflu) and zanamivir (Relenza), the Associated Press (AP) reported. The new policy starts tomorrow and is in effect until the middle of 2010. Norway has ordered 9.4 million doses of vaccine, but the manufacturer has reportedly not produced enough to meet demand.



[NOV 04]

[EU asked to help with Ukraine outbreak](#)

Poland's prime minister called on the European Union to help respond to the flu threat in the Ukraine, and another official warned that the virus could spread rapidly in eastern Europe, Reuters reported yesterday.



[NOV 04]

[Flu hits remote Amazon tribe](#)

Pandemic flu has struck an isolated Amazon Indian tribe over the past 2 weeks, killing 7 and sickening about 1,000 people, Reuters reported today. The outbreak in the Yanomami tribe, who live in an isolated area at the Venezuela-Brazil border, was described in a statement from Survival International, an indigenous people's rights group. The group's director said the situation requires immediate response from the two governments. Venezuela has reportedly sent a medical team.



[NOV 04]

[US officials say terror suspects not set to get vaccine](#)

White House officials yesterday denied reports that terrorism detainees at Cuba's Guantanamo Bay prison would soon receive the pandemic H1N1 vaccine, the AP reported. An earlier report from a jail official that said detainees and guards would soon get the vaccine provoked an outcry that terror suspects would get their doses before most Americans. However, White House spokesman Robert Gibbs said no vaccine is at the facility, and none is on its way.



[NOV 04]

[Pain relievers may blunt vaccine response](#)

Taking pain relievers such as ibuprofen or aspirin to reduce the pain of flu injections appears to blunt immune response, researchers from the University of Rochester Medical Center (URMC) reported recently at a conference. They found the association across a range of vaccine and pain relievers. They say that cyclooxygenase 2 inhibitors block optimal production of B lymphocytes, which make antibodies. Czech researchers recently found that acetaminophen weakened infants' response to vaccines.



[NOV 04]

[Iowa cat tests positive for pandemic flu](#)

A 13-year-old Iowa house cat was recently diagnosed as having novel H1N1 after two of its three owners were sick, the Iowa Department of Public Health (IDPH) reported today. Iowa's public health veterinarian Dr Ann Garvey said the cat and its owners have recovered and that people should remember to protect family pets from illnesses. The American Veterinary Medical Association said it is the first pandemic virus isolation in a cat, and it doesn't appear the cat spread the virus.



[NOV 04]

[Canada exports excess vaccine antigen](#)

Canada's chief public health officer, Dr David Butler-Jones, said yesterday that the country's Glaxo plant has exported excess bulk pandemic H1N1 vaccine antigen, the CTV and the Canadian Press reported today. Sources did not say how much antigen had been produced. Butler-Jones said domestic fill-and-finish operations have not yet been able to package all the already-produced antigen for the Canadian market. He said the export would not slow vaccine delivery to Canadians.

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

Health Protection Agency (UK)



[NOV 05] [HPA Weekly National Influenza Report 05 November 2009 \(Week 45\)](#)

[NOV 04] [Vaccination programme update](#)

[NOV 04] [The swine flu vaccines, their preparation and administration: a practical guide for health professionals](#)

[NOV 02] [Swine flu vaccination programme: information to support the vaccination of pregnant women](#)

[NOV 02] [Position of HPA on the need for ethical committee approval of field investigation and control of Pandemic \(H1N1\) 2009 influenza](#)

[OCT 30] [Pandemic \(H1N1\) 2009 Influenza - case investigation, management and treatment](#)

[OCT 30] [Swine flu: schools and educational settings](#)

[OCT 29] [Directed Enhanced Services - Pandemic Influenza \(H1N1\) Vaccination Scheme](#)

The Secretary of State Directions requiring Primary Care Trusts to enter into arrangements to vaccinate patients identified in the Chief Medical Officer's letter of 13 August 2009 come into force on 30 October 2009.

[ARCHIVED] [Swine Influenza page](#)

Department of Health (UK)



[NOV 05] [Weekly pandemic flu media update](#)

- The flu-like illness rate in England from the Royal College of General Practitioners (RCGP) scheme decreased to 37.7 per 100,000 in week 44 compared to 42.8 in week 43.
- The main burden of flu-like illness nationally in week 44 is in the under 1 and 1-4 years age groups.
- This week, the antiviral collection numbers in the National Pandemic Flu Service have decreased in the 5-14 and 15-24 years age groups.
- 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 84,000 new cases in England last week (range 42,000 to 181,000). This represents an 8% increase on the previous week. This estimate incorporates data from National Pandemic Flu Service and GP consultations.

- The HPA estimates a cumulative total number of cases of 621,000 since the pandemic began.

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

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



[NOV 05] [Daily update – Pandemic H1N1 2009 \(05/11/2009\)](#)

- Scientific advance on background rates for adverse events following immunizations published;
- Update on events in Ukraine included;
- Norway relaxes prescription requirements for antivirals;
- Total of 352 fatal cases in Europe and EFTA countries and 5 952 in the rest of the world have been reported up to date.

[OCT 30] [ECDC Weekly Executive Update - Pandemic H1N1 2009](#)

[OCT 27] [Confirmed outbreak of highly pathogenic avian influenza type H7N7 in poultry - Animal Health - Spain](#)

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

European Union

[NOV 03] [A Note on the Health Security Committee – Early Warning Response System Urgent Audio-Conference on 3 November 2009.](#)

The Commission called a meeting of the Health Security Committee – Early Warning Response System contact points to discuss, on 3 November, the flu developments in Ukraine and the countries in the region.

[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.



[NOV 05] [Infection of farmed animals with the pandemic virus Pandemic \(H1N1\) 2009 briefing note 15](#)

[NOV 04] [WHO document "Whole-of-Society Pandemic Readiness"](#)

The World Health Organization (WHO) has released a set of guidelines—developed before the H1N1 influenza pandemic—on pandemic preparedness outside the health

sector. The 18-page document includes sections on business continuity management, interdependencies among essential services, government's role, and the role of other organizations. A foreword cautions that, because the guidance was developed before the H1N1 pandemic, some information and recommendations may not be relevant to the current situation.

[NOV 03] [Pandemic \(H1N1\) 2009, Ukraine - update 1](#)

[NOV 01] [Pandemic \(H1N1\) 2009, Ukraine](#)

[OCT 30] [Vaccines for pandemic \(H1N1\) 2009](#)

- [Safety of pandemic \(H1N1\) 2009 vaccines](#)
- [Use of the pandemic \(H1N1\) 2009 vaccines](#)
- [Production and availability of pandemic \(H1N1\) 2009 vaccines](#)

[OCT 30] [Pandemic \(H1N1\) 2009 - update 72](#)

[OCT 30] [Experts advise WHO on pandemic vaccine policies and strategies](#)
[Pandemic \(H1N1\) 2009 briefing note 14](#)

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

[ARCHIVED] [Older WHO Updates](#)

Pan-American Health Organization (PAHO)

[NOV 03] [Regional Update. Pandemic \(H1N1\) 2009 \(published Nov 3\)](#)

- The trends of acute respiratory disease in North America continue to increase; there were 22 influenza-associated pediatric deaths reported in the United States this week, twice as many as last week
- Central America continues to report overall decreasing trends in acute respiratory disease
- Most of South America had stable or decreasing trends of acute respiratory disease, with the exception of Colombia, which reported an increasing trend for the seventh consecutive week
- Barbados and Nicaragua reported the detection of cases of co-infection with pandemic (H1N1) 2009 and dengue
- Venezuela reported an outbreak of acute respiratory infection in the indigenous Yanomami community
- A median of 100% of subtyped influenza A viruses were pandemic (H1N1) 2009
- 224 new confirmed deaths in 10 countries were reported; in total there have been 4,399 cumulative confirmed deaths

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

Australia and New Zealand

[NOV 04] [New Zealand Pandemic Influenza \(H1N1\) 09 Swine Flu - Update 158](#)

Excerpts:

- A study investigating the level of immunity New Zealanders have to pandemic influenza (H1N1) will get underway this month. Blood samples will be taken from 2500 people to see how many have been exposed to pandemic influenza and developed immunity to it. This information will be used to establish how many people are still at risk of contracting the illness.
- During the week ending 30 October there was a slight rise in the number of New Zealanders seeing their doctor in relation to influenza-like illnesses (ILI). Most people were seeking advice for sick babies and children aged under four. As at midday today there is one person in intensive care with confirmed H1N1 pandemic influenza. The total number of deaths attributed to swine flu remains at 19.

[OCT 26] [Australia National H1N1 Influenza 09 Update](#)

- At noon today Australia has 37,039 confirmed cases of pandemic (H1N1) 2009
- The number of deaths associated with pandemic (H1N1) 2009 continues to increase. As of 26 October, 186 people have died. Of these deaths, four were pregnant women and 24 (12.9%) were Indigenous.
- The total number of hospitalisations in Australia since pandemic (H1N1) 2009 is identified at 4,904

[ARCHIVED] [New Zealand's H1N1 page](#)

[ARCHIVED] [Australia's H1N1 Update Bulletins](#)

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)



[NOV 05] Eurosurveillance, Volume 14, Issue 44, 05 November 2009

- [Syndromic surveillance: the next phase of public health monitoring during the H1N1 influenza pandemic?](#)
- [Surveillance of the first 205 confirmed hospitalised cases of pandemic H1N1 influenza in Ireland, 28 April – 3 October 2009](#)

- [Measures against transmission of pandemic H1N1 influenza in Japan in 2009: simulation model](#)
- [Interpreting “Google Flu Trends” data for pandemic H1N1 influenza: The New Zealand experience](#)
- [“I-MOVE” towards monitoring seasonal and pandemic influenza vaccine effectiveness: lessons learnt from a pilot multi-centric case-control study in Europe, 2008-9](#)
- [Influenza-like illness surveillance using a deputising medical service corresponds to surveillance from sentinel general practices](#)



[NOV 05] [Insurers prepare for 2nd wave of H1N1 flu.*](#)
Berberabe T. Manag Care. 2009 Sep;18(9):55-6. No abstract available.



[NOV 05] [Pulmonary complication of novel influenza A \(H1N1\) infection: imaging features in two patients.*](#)
Lee CW, Seo JB, Song JW, Lee HJ, Lee JS, Kim MY, et al. Korean J Radiol. 2009 Nov-Dec;10(6):531-4. PMID: 19885308 [PubMed - in process]



[NOV 05] [Oseltamivir.*](#)
Tullu MS. J Postgrad Med. 2009 Jul-Sep;55(3):225-30. PMID: 19884755 [PubMed - in process]



[NOV 05] [The Emergency Use Authorization of Peramivir for Treatment of 2009 H1N1 Influenza.*](#)
Birnkranz D, Cox E. N Engl J Med. 2009 Nov 2. [Epub ahead of print] No abstract available. PMID: 19884645



[NOV 05] [Number of swine flu patients going into intensive care is rising.](#)
Siva N. BMJ. 2009 Nov 2;339:b4528. doi: 10.1136/bmj.b4528. No abstract available. PMID: 19884211 [PubMed - in process]



[NOV 05] [\[The challenge of the new H1N1 influenza A.\]](#)
Soriano V, González-Lahoz J. Med Clin (Barc). 2009 Nov 14;133(18):708-9. Spanish. No abstract available. PMID: 19883804 [PubMed - in process]

[NOV 04] [Pandemic Influenza as 21st Century Urban Public Health Crisis](#)
Bell DM, Weisfuse IB, Hernandez-Avila M, del Rio C, Bustamante X, Rodier G. Pandemic influenza as 21st century urban public health crisis. Emerg Infect Dis. 2009 Dec; [Epub ahead of print]

[NOV 04] [Genomic Signatures of Influenza A Pandemic \(H1N1\) 2009 Virus](#)
Chen G-W, Shih S-R. Genomic signatures of influenza A pandemic (H1N1) 2009 virus. Emerg Infect Dis. 2009 Dec; [Epub ahead of print]

[NOV 04] [Cost-effectiveness Analysis of Hospital Infection Control Response to an Epidemic Respiratory Virus Threat](#)
Dan YY, Tambyah PA, Sim J, Lim J, Hsu LY, Chow WL, et al. Cost-effectiveness

analysis of hospital infection control response to an epidemic respiratory virus threat. Emerg Infect Dis. 2009 Dec; [Epub ahead of print]

- [NOV 04] [Respiratory Infection in Institutions during Early Stages of Pandemic \(H1N1\) 2009, Canada](#)
Marchand-Austin A, Farrell DJ, Jamieson FB, Lombardi N, Lombos E, Narang S, et al. Respiratory infection in institutions during early stages of pandemic (H1N1) 2009, Canada. Emerg Infect Dis. 2009 Dec; [Epub ahead of print]
- [NOV 03] [Does every new influenza reassortant virus qualify as a pandemic virus?](#)
Gross PA. BMJ. Published online 3 November 2009.
- [NOV 04] [Factors Associated With Death or Hospitalization Due to Pandemic 2009 Influenza A\(H1N1\) Infection in California*](#)
Louie JK et al. JAMA. 2009;302(17):1896-1902.
- [NOV 04] [Influenza in 2009: New Solutions, Same Old Problems*](#)
Gerberding JL. JAMA. 2009;302(17):1907-1908.
- [NOV 04] [Rhabdomyolysis Associated With 2009 Influenza A\(H1N1\)*](#)
Ayala E et al. JAMA. 2009;302(17):1863-1864.
- [NOV 04] [H1N1 Vaccine Urged for Health Workers, But Some Resist Getting on Board*](#)
Hampton T. JAMA. 2009;302(17):1848-1849.
- [NOV 04] [Hand Washing, a Key Anti-Flu Strategy, Often Neglected by Health Care Workers*](#)
Mitka M. JAMA. 2009;302(17):1850-1851.
- [NOV 04] [Preventing the spread of influenza A H1N1 2009 to health-care workers*](#)
Mermel LA. The Lancet Infectious Diseases, Early Online Publication, 4 November 2009. doi:10.1016/S1473-3099(09)70299-3.
- [NOV 03] [Acceptance of pandemic \(H1N1\) 2009 influenza vaccination by the Australian public](#)
Eastwood K, Durrheim DN, Jones A, Butler M. eMJA Rapid Online Publication – 4 November 2009.
- [NOV 03] [Quantifying the transmissibility of human influenza and its seasonal variation in temperate regions](#)
Truscott J et al. PLoS Currents; Influenza. Published online 3 November 2009.
- [NOV 02] [News: Number of swine flu patients going into intensive care is rising](#)
Siva N. BMJ. Published 2 November 2009, doi:10.1136/bmj.b4528
- [NOV 02] [The Emergency Use Authorization of Peramivir for Treatment of 2009 H1N1 Influenza](#)
Birnkranz D, Cox E. NEJM. Early Online Publication 3 Nov 2009.

- [NOV 01] [Impact of pandemic \(H1N1\) 2009 influenza on critical care capacity in Victoria](#)
Lum ME, et al. Med J Aust 2009; 191 (9): 502-506.
- [OCT 31] [H1N1 vaccine safety monitoring: beyond background rates*](#)
The Lancet, Early Online Publication, 31 October 2009
- [OCT 30] [Statement on Seasonal Trivalent Inactivated Influenza Vaccine \(TIV\) for 2009-2010](#)
- [OCT 30] [Pandemic H1N1 and the 2009 Hajj*](#)
Ebrahim SH, et al. Science. Early online publication.
- [OCT 30] Analysis: [Swine Flu Vaccines: Reaching the Finish Line*](#)
Davies J. Volume 139, Issue 3, 30 October 2009, Pages 449-451.
- [OCT 30] [Yearly influenza vaccinations: a double-edged sword?*](#)
Bodewes R, Kreijtz JHCM, Rimmelzwaan GF. Lancet Infectious Diseases. Early Online Publication, 30 October 2009.
- [OCT 30] [Reflection and Reaction: Influenza vaccination of children*](#)
Heikkinena T, Peltola V. Lancet Infectious Diseases. Early Online Publication, 30 October 2009.
- [OCT 30] [Survey Study of the Knowledge, Attitudes, and Expected Behaviors of Critical Care Clinicians Regarding an Influenza Pandemic*](#)
Daugherty EL, et al. Infec Contr Hosp Epi. Early Online Publication 29 October 2009.
- [OCT 30] [Importance of background rates of disease in assessment of vaccine safety during mass immunisation with pandemic H1N1 influenza vaccines*](#)
Black S et al. Lancet. Early Online Publication, 31 October 2009.
- [OCT 30] [Lung Pathology in Fatal Novel Human Influenza A \(H1N1\) Infection.*](#)
Mauad T, et al. Am J Respir Crit Care Med. Early Online Publication, 29 October 2009.
- [OCT 30] [Rapid Development of an Efficacious Swine Vaccine for Novel H1N1](#)
Vander Veen R, Kamrud K, Mogler M, Loynachan AT, et al. PLOS.
- [OCT 30] [Antiviral usage for H1N1 treatment: pros, cons and an argument for broader prescribing guidelines in the United States](#)
Goldstein E, Lipsitch M. PLOS.
- [OCT 30] [Update on emerging infections: news from the Centers for Disease Control and Prevention. Hospitalized patients with novel influenza A \(H1N1\) virus infection--California, April-May, 2009.](#)
Chen KF, Gaydos C, Rothman RE. Ann Emerg Med. 2009 Nov;54(5):732-6.

- [OCT 30] [Introduction of a Novel Swine-Origin Influenza A \(H1N1\) Virus into Milwaukee, Wisconsin in 2009.](#)
Kumar S, et al. Viruses. 2009 Jun 1;1(1):72-83.
- [OCT 30] [Generation of live attenuated novel influenza A/California/7/09 \(H1N1\) vaccines with high yield in embryonated chicken eggs.](#)
Chen Z, et al. J Virol. Early Online Publication 28 October 2009.
- [OCT 30] [The first Swedish H1N2 swine influenza virus isolate represents an uncommon reassortant.](#)
Balint A, et al. Virol J. 2009 Oct 28;6(1):180. [Epub ahead of print]
- [OCT 30] [Coming soon to an ICU near you: severe pandemic influenza in ICU patients in Spain.](#)
Opal SM. Crit Care. 2009 Oct 21;13(5):196. [Epub ahead of print]

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