

pH1N1 Flu Virus (Human Swine Influenza) Information Resources

Current as of November 4, 2009 at 4pm

Highlights

FDA: [FDA issues guidance on diagnostic tests](#)

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

Literature -----

JAMA: [Does every new influenza reassortant virus qualify as a pandemic virus?](#)

[Factors Associated With Death or Hospitalization Due to Pandemic 2009 Influenza A\(H1N1\) Infection in California*](#)

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[Rhabdomyolysis Associated With 2009 Influenza A\(H1N1\)*](#)

[H1N1 Vaccine Urged for Health Workers, But Some Resist Getting on Board*](#)

[Hand Washing, a Key Anti-Flu Strategy, Often Neglected by Health Care Workers*](#)

[The Emergency Use Authorization of Peramivir for Treatment of 2009 H1N1 Influenza](#)

EID: [Pandemic Influenza as 21st Century Urban Public Health Crisis](#)

[Genomic Signatures of Influenza A Pandemic \(H1N1\) 2009 Virus](#)

[Cost-effectiveness Analysis of Hospital Infection Control Response to an Epidemic Respiratory Virus Threat](#)

[Respiratory Infection in Institutions during Early Stages of Pandemic \(H1N1\) 2009, Canada](#)

Lancet ID: [Preventing the spread of influenza A H1N1 2009 to health-care workers*](#)

News -----

[Obesity risk stands out in study of California's sickest H1N1 patients](#)

[Uptake of seasonal flu vaccine may set record](#)

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[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](#)

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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

[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 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](#)

[OCT 22] [pH1N1 – Access to Supplies & Equipment](#)

Ontario Agency for Health Protection and Promotion (OAHPP)

[OCT 30] [Laboratory Surveillance Update - October 26, 2009](#)

[OCT 28] [Weekly Synthesis of Surveillance Information, Literature & Government Updates \(Week ending Oct 23rd, 2009\)](#)

[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] [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 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](#)
- [OCT 27] [Secretary Sebelius Issues 1135 Waiver for H1N1 Flu](#)
- [OCT 27] [FDA Approves New IV Drug for Treatment of Seriously Ill Flu Patients](#)
- [OCT 27] GAO: [Influenza Pandemic: Key Securities Market Participants Are Making Progress, but Agencies Could Do More to Address Potential Internet Congestion and Encourage Readiness](#)
- [OCT 27] AMA/AAFP/ACOG/CDC: [Letter to professionals re pregnancy and H1N1](#)

Center for Infectious Disease Research and Policy



- [NOV 03] [Obesity risk stands out in study of California's sickest H1N1 patients](#)
Lisa Schnirring (CIDRAP News) – A study of California's most severely ill patients during the first 16 weeks of the novel H1N1 pandemic is in line with other recent studies that have shown two unique features of the virus—that it hits young people hard and that obesity appears to be a risk factor.
- [NOV 03] [WHO team arrives to assist with Ukraine flu probe](#)
The World Health Organization (WHO) said its team arrived in the Ukraine last night and met with the country's health ministry today to discuss a dramatic spike in flulike illnesses and deaths, particularly in the western part of the country.
- [NOV 03] [Uptake of seasonal flu vaccine may set record](#)
This year's uptake of seasonal flu vaccine is "unprecedented" and may set a record, said CDC Director Dr. Thomas Frieden at today's H1N1 news briefing. The CDC expects that 114 million doses will be distributed by the end of the year, but the demand may be greater still, he said. He also said there are signs of a higher

vaccination rate than usual among healthcare workers, who usually have only about a 40% immunization rate.



[NOV 03]

[GSK vaccine gets Saudi approval](#)

The Saudi Food and Drug Authority approved GlaxoSmithKline's H1N1 vaccine yesterday, according to Reuters, as the kingdom readied for more than 2 million pilgrims at this month's Islamic hajj. The vaccine is distributed under the Pandemrix brand.



[NOV 03]

[South African panel favors novel H1N1 in seasonal vaccine](#)

South Africa's National Institute of Communicable Diseases has recommended that South Africa include the pandemic H1N1 virus in its seasonal flu vaccine for next year, according to News24, a South African online news service. Barry Schoub, director of the institute, said it would be up to the nation's health department whether to follow the advice. Reports did not clarify whether the pandemic virus would replace the seasonal H1N1 strain in the vaccine or be added to it.

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

Health Protection Agency (UK)

[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.

[OCT 28]

[Clinical professionals brief on swine flu vaccination](#)

[OCT 28]

[Health and social care workers and pandemic influenza: information for staff who are pregnant or in other at-risk groups](#)

[ARCHIVED] [Swine Influenza page](#)

Department of Health (UK)

[OCT 30]

[Weekly pandemic flu media update](#)

- The main burden of flu-like illness nationally is in the 1-4 and 5-14 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. The largest

increase (49%) in week 43, compared with week 42, was seen in the 1-4 year olds.

- HPA modelling gives an estimate of 78,000 new cases in England last week (range 39,000 to 169,000). This represents a 56% increase on the previous week.
- The HPA estimates a cumulative total number of cases of 521,000 since the pandemic began.

[OCT 29] [29 October 2009 - weekly swine flu update](#)

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

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



[NOV 04] [Daily update – Pandemic H1N1 2009 \(03/11/2009\)](#)

- Situation update from Ukraine;
- Study on hospitalized cases in California published;
- An influenza A/H9 infection identified in a patient in Hong Kong;
- Total of 340 fatal cases in Europe and EFTA countries and 5 915 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 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](#)

- 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 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*](#)
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[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](#)
National Advisory Committee on Immunization. CCDR. 35 (ACS-6).
The purpose of this statement is to review the NACI recommendations for immunization with the seasonal trivalent inactivated influenza vaccine (TIV) for the 2009-2010 season in light of the recent H1N1 pandemic, based on evidence available at this time.
- [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]
- [OCT 29] [Reassortment between Amantadine-Resistant and -Sensitive H1N1 Influenza A Viruses Generated an Amantadine-Sensitive Virus during the 2007–2008 Season*](#)
Furuse, Y et al. J Infect Dis. 29 October 2009; [Epub ahead of print].
- [OCT 29] [Estimates of the Prevalence of Pandemic \(H1N1\) 2009, United States, April–July 2009](#)
Reed C et al. Emerg Infect Dis. 2009 Dec; [Epub ahead of print].
- [OCT 29] Letter: [Preexisting Immunity to Pandemic \(H1N1\) 2009](#)
Xing X, Cardona CJ. Emerg Infect Dis. 2009 Nov; 15(11).
- [OCT 29] Letter: [Antiviral Drugs for Treatment of Patients Infected with Pandemic \(H1N1\) 2009 Virus](#)
Hartley DM, Nelson NP, Perencevich, EN. Emerg Infect Dis. 2009 Nov; 15(11).
- [OCT 29] [ASID \(HICSIG\) position statement: infection control guidelines for patients with influenza-like illnesses, including pandemic \(H1N1\) influenza 2009, in Australian health care facilities](#)
Ferguson JK et al. Med J Aust 2009 Oct 19; 191(8): 454-8.
- [OCT 28] [Evaluation of serological trials submitted for annual re-licensure of influenza vaccines to regulatory authorities between 1992 and 2002*](#)
Voordouw ACG et al. Vaccine. In Press, Uncorrected Proof. Available online 28 October 2009.

- [OCT 28] [Temperature sensitivity on growth and/or replication of H1N1, H1N2 and H3N2 influenza A viruses isolated from pigs and birds in mammalian cells*](#)
Pascale M et al. Veterinary Microbiology. In Press, Accepted Manuscript. Available online 28 October 2009.
- [OCT 28] [Mechanisms and functional implications of the degradation of host RNA polymerase II in influenza virus infected cells*](#)
Vreede FT, Chan AY, Sharps J, Fodor E. Virology. In Press, Corrected Proof. Available online 28 October 2009.
- [OCT 28] [Zanamivir \(Relenza\) Must Not Be Given by Nebulization](#)
Estes, LL. Journal Watch Infectious Diseases. Available online 28 October 2009.
- [OCT 27] [A Report on the Association of Influenza B virus with Respiratory Tract Infection of Hospitalized Children in Saudi Arabia](#)
Almajhdi FN. Saudi Journal of Biological Services. In Press, Accepted Manuscript. Available online 27 October 2009.
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