

pH1N1 Flu Virus (Human Swine Influenza) Information Resources

Current as of November 10, 2009 at 4pm

Highlights

OAHP: [LABstract: Testing for Pandemic Influenza A H1N1 \(2009\) \(pH1N1\) - Update](#)

CIDRAP: [Doing business during and influenza pandemic: Human resource policies, protocols, templates, tools, & tips. A toolkit for organizations of all sizes](#)

WHO: [Agreement for donation of pandemic H1N1 vaccine signed](#)

Literature

[Development of a Critical Care Triage Protocol for Pandemic Influenza: Integrating Ethics, Evidence and Effectiveness*](#)

[Public preparedness guidance for a severe influenza pandemic in different countries: a qualitative assessment and critical overview](#)

[Optimizing Tactics for use of the U.S. Antiviral Strategic National Stockpile for Pandemic \(H1N1\) Influenza, 2009](#)

News

[Ontario Expands H1N1 Vaccination Program: Province to vaccinate first responders and seniors in long-term care](#)

[Studies to test steroids, statins for H1N1](#)

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New anti-flu drugs could become a reality as a result of a study carried out by academics at the University of Hertfordshire.

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Updates by Jurisdiction

Ontario

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

[Public Health Agency of Canada \(PHAC\)](#)

United States

[Centers for Disease Control and Protection \(CDC\)](#)
[Center for Infectious Disease Research & Policy](#)
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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

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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

- [NOV 10] [Assembly of First Nations and Health Canada to Co-host a Virtual Summit on H1N1 Preparedness November 10th, 2009](#)
At 12:00 noon EST Health Minister Leona Aglukkaq and National Chief of the Assembly of First Nations (AFN) Shawn Atleo will co-host a Virtual Summit on H1N1 preparedness for First Nations communities. To watch go to: www.fnh1n1summit.ca
- [NOV 10] [COCA Conference Call: 2009 H1N1 Influenza and Asthma](#)
Speakers: Dr. David B. Callahan, Dr. Alkis Togias, Dr. Gail Weinmann
Date: Tuesday, November 10, 2009 | Time: 11:00 AM - 12:00 PM ET
Call-in number: 888-283-2960 | Passcode: 7113863
The PowerPoint Presentation will be available on the COCA website on November 10th.
- [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 10] [Ontario Expands H1N1 Vaccination Program: Province to vaccinate first responders and seniors in long-term care](#)

[NOV 6] MOHLTC: [H1N1 News Conference](#) (Nov 5th edition)

[NOV 6] [Ontario Influenza Bulletin: Surveillance Week 43 \(Oct 25 – Oct 31\)](#)
Overall, influenza activity in Ontario during week 43, 2009, was **higher** as compared to week 42, 2009. Ontario health units reported 1357 new confirmed cases of influenza through the integrated Public Health Information System (iPHIS). This count includes 1088 laboratory confirmed cases of pH1N1. During week 43, new laboratory confirmed cases of pH1N1 continued to be seen in all regions of Ontario. Nine new institutional influenza outbreaks were reported. For week 43, fourteen health units reported widespread influenza activity and ten health units reported localized activity, and other health units reported either 'sporadic' level or no influenza activity. The rate of influenza-like illness (ILI) in patients seen by sentinel physicians was much higher than the range that is expected for this time of the year based on the average ILI rate reported in week 43 from the past 3 years. A total 37 deaths were reported.

[NOV 4] [Business Continuity Planning for Primary Care Settings](#) – Guidance

[NOV 4] [Guidance for Childcare Settings](#)

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

Important Health Notices

[NOV 3] [pH1N1 – Primary Health Care Services and Supports](#)

Ontario Agency for Health Protection and Promotion (OAHPP)



[NOV 10] [LABstract: Testing for Pandemic Influenza A H1N1 \(2009\) \(pH1N1\) - Update](#)

[NOV 5] [Laboratory Surveillance Update – Week ending November 2nd, 2009](#)

[NOV 5] [Weekly Synthesis of Surveillance Information, Literature & Government Updates \(Oct 30, 2009\)](#)

[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 10] [Weekly Distribution of the H1N1 Flu Vaccine](#)

	Delivered to Date					Total Doses Distributed		Forecast	
	Week 1	Week 2	Week 3	Week 4				Week 5	
	Oct. 12-18	Oct. 19 - 25	Oct 26 - Nov 1	Nov. 2 - 8				Nov 9 - Nov 15	
FPT	Adj. Doses	Adj. Doses	Adj. Doses	Adj. Doses	Unadj. Doses	Adj. Doses	Unadj. Doses	Adj. Doses	Unadj. Doses
Newfoundland	28,000	28,000	30,000	7,500	2,900	93,500	2,900	15,500	12,400
PEI	8,000	12,000	9,000	3,000	900	32,000	900	4,500	3,800
Nova Scotia	52,000	52,000	56,000	13,500	5,400	173,500	5,400	28,500	23,200
New Brunswick	41,500	41,500	46,000	11,000	4,400	140,000	4,400	23,000	19,100
Quebec	431,000	431,000	469,000	113,000	52,000	1,444,000	52,000	236,000	224,900
Ontario	722,000	722,000	785,000	189,500	86,800	2,418,500	86,800	395,000	375,000
Manitoba	71,000	63,000	72,000	17,500	9,200	223,500	9,200	36,500	39,900
Saskatchewan	56,500	56,500	60,000	14,500	8,100	187,500	8,100	31,000	34,800
Alberta	201,000	201,000	220,000	52,500	28,600	674,500	28,600	109,500	126,900
BC	232,500	232,500	353,000	64,500	25,000	882,500	25,000	135,000	117,700
Nunavut	22,000	0	0	0	600	22,000	600	0	600
Yukon	24,000	0	0	0	400	24,000	400	0	1,000
NWT	34,000	0	0	0	600	34,000	600	0	0
P/T Total:	1,923,500	1,839,500	2,100,000	486,500	224,900	6,349,500	224,900	1,014,500	979,300

[NOV 6] [Guidance: Infection prevention and control measures for Health Care Workers Providing Care or Service in the Home](#)

[NOV 3] Addendum to the *October 21, 2009 - [Guidance Document on the Use of Pandemic Influenza A \(H1N1\) 2009 Inactivated Monovalent Vaccine](#)*

[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 10] [Letter to Providers Promoting PPSV for Adults](#)

Pneumococcal infections have been identified as an important complication in severe and fatal cases of 2009 H1N1 influenza virus infection. CDC has written a letter to providers urging them to make sure all their adult patients with indications have received the pneumococcal polysaccharide vaccine.

[NOV 6] [CDC Health Alert Network \(HAN\) Info Service Message: Key Issues for Clinicians Concerning Antiviral Treatments for 2009 H1N1](#)

[NOV 6] [Weekly FluView Map and Surveillance Report for Week Ending October 31, 2009](#)

- 5,258 (37.2%) 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.
- Over 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 above the epidemic threshold.
- Eighteen influenza-associated pediatric deaths were reported. Fifteen of these deaths were associated with 2009 influenza A (H1N1) virus infection and three were associated with an influenza A virus for which the subtype was undetermined.
- The proportion of outpatient visits for influenza-like illness (ILI) was above the national baseline. All 10 regions reported ILI above region-specific baseline levels.
- Forty-eight states reported geographically widespread influenza activity, two states reported regional influenza activity, the District of Columbia reported local influenza activity; Puerto Rico and Guam reported sporadic influenza activity, and the U.S. Virgin Islands did not report.

[NOV 6] [U.S. Laboratory Confirmed Influenza-Associated Hospitalizations and Deaths from August 30 to October 31, 2009](#)

Cases Defined by	Hospitalizations	Deaths
Influenza Laboratory-Tests**	17,838	672

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

Other US Sources

[NOV 4] [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 2] [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.

Center for Infectious Disease Research and Policy



[NOV 10] [Doing business during and influenza pandemic: Human resource policies, protocols, templates, tools, & tips. A toolkit for organizations of all sizes](#)

[NOV 10] [Studies to test steroids, statins for H1N1](#)
Researchers in Canada, the United States, and France are planning studies to find out if corticosteroids or cholesterol-lowering statins could help the sickest H1N1 flu patients. Networks of intensive care specialists are setting up randomized controlled trials.

[NOV 10] [GSK reports good results with co-administered vaccines](#)
Older adults who were given GlaxoSmithKline's pandemic H1N1 and seasonal flu shots at the same time generated a good immune response to both vaccines. The company said 168 people over age 60 received one injection in each arm, and 89% showed an immune response to an adjuvanted formulation of Pandemrix.

[NOV 10] [Flu-like cases in Ukraine near 1 million](#)
Ukraine has had 936,804 cases of flu-like illness and 144 deaths since pandemic H1N1 emerged there in mid October. The number of cases exceeds the epidemic threshold in 16 of the country's 27 regions.

[NOV 10] [Russia gives first vaccine doses to utility workers](#)
Russia launched the first stage of its pandemic H1N1 vaccine campaign today, giving its first doses to workers in utilities such as water, electricity, and communications. The health ministry said the next priority group will be medical workers and those in medical schools, followed by those who have underlying medical conditions, pregnant women, and children. The country has approved four vaccines and has so far purchased 43 million doses.

[NOV 10] [Bulgaria closes schools, enacts social distancing](#)
Bulgaria's health ministry on Nov 6 declared a flu epidemic, which triggered a 1-week school closure and other social distancing measures. The country also suspended hospital visits and prescheduled surgeries. Though the ministry didn't close theaters or other public venues, it urged citizens to avoid crowds.

[NOV 10] [WHO counters homeopathic vaccine advice in pregnancy](#)
A WHO official criticized the Swiss Society of Homeopathic Physicians for advising pregnant women to avoid getting vaccinated against H1N1, the Associated Press (AP) reported Nov 7. Marie-Paule Kieny, director of the WHO's Initiative for Vaccine Research, said the advice could put pregnant women and their babies at risk for severe consequences.

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

Health Protection Agency (UK)



[NOV 9] Updated: [Preparing for swine flu: Guidance and resources for schools, early years and other educational settings](#)

- [NOV 5] [HPA Weekly National Influenza Report 05 November 2009 \(Week 45\)](#)
- [NOV 4] [Vaccination programme update](#)
- [NOV 4] [The swine flu vaccines, their preparation and administration: a practical guide for health professionals](#)
- [ARCHIVED] [Swine Influenza page](#)

Department of Health (UK)

- [NOV 5] [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.
 - The HPA estimates a cumulative total number of cases of 621,000 since the pandemic began.
- [NOV 4] [The swine flu vaccines, their preparation and administration: a practical guide for health professionals](#)
- [ARCHIVE] [DH Pandemic Flu site](#)

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



- [NOV 10] [Daily update – Pandemic H1N1 2009 \(Nov 10 2009\)](#)
Total of 414 fatal cases in Europe and EFTA countries and 6 094 in the rest of the world have been reported up to date.



- [NOV 10] [ECDC Executive Update: Pandemic influenza \(H1N1\) 2009](#)
- [NOV 6] [ECDC Pandemic Risk Assessment](#)
- [ARCHIVED] [Maps, surveillance summaries and previous ECDC updates](#)

European Union

- [NOV 6] European Medicines Agency: [European strategy for benefit-risk monitoring of influenza A/H1N1 vaccines adopted](#)
- [NOV 3] [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 10] [Agreement for donation of pandemic H1N1 vaccine signed](#)
GlaxoSmithKline (GSK) is to donate 50 million doses of pandemic H1N1 vaccine to the World Health Organization (WHO) under an agreement signed at WHO headquarters in Geneva.
- [NOV 6] [Pandemic \(H1N1\) 2009 - update 73](#)
- [NOV 5] [Infection of farmed animals with the pandemic virus](#)
[Pandemic \(H1N1\) 2009 briefing note 15](#)
- [NOV 4] [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.
- [ARCHIVED] [WHO H1N1 Guidance Documents](#)
- [ARCHIVED] [Older WHO Updates](#)

Pan-American Health Organization (PAHO)

- [NOV 3] [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
- 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 4] [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.

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

- 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 10] [Public preparedness guidance for a severe influenza pandemic in different countries: a qualitative assessment and critical overview](#)

Alonso WJ, Paim CS. PLoS Currents: Influenza. Early Online Publication.



[NOV 10] [Development of a Critical Care Triage Protocol for Pandemic Influenza: Integrating Ethics, Evidence and Effectiveness*](#)
Frolic A, Kata A, Kraus P. Healthcare Quarterly, 12(4) 2009: 54-62.



[NOV 10] [Optimizing Tactics for use of the U.S. Antiviral Strategic National Stockpile for Pandemic \(H1N1\) Influenza, 2009](#)
Dimitrov N, et al. PLoS Currents: Influenza. Early Online Publication.



[NOV 10] [Public trust is necessary to protect the population from threats to public health*](#)
Oliver I, Lewis D. Journal of Public Health. Early Online Publication November 6, 2009. doi:10.1093/pubmed/fdp097



[NOV 10] [CHEST 2009: H1N1 Influenza: A Virus-Associated Acute Respiratory Distress Syndrome: Response to Combination Oseltamivir and Prolonged Corticosteroid Treatment](#) (Abstract from conference presentation)
Quispe-Laime AM, et al. Chest. 136: 47S-48S.

[NOV 9] [Optimizing influenza sentinel surveillance at the state level.*](#)
Polgreen PM, Chen Z, Segre AM, Harris ML, Pentella MA, Rushton G. Am J Epidemiol. 2009 Nov 15;170(10):1300-6.

[NOV 9] News: [Reassure pregnant women over swine flu vaccine, health officials urge*](#)
Wise J. BMJ 2009;339:b4642 . Published 9 November 2009, doi:10.1136/bmj.b4642

[NOV 9] [The early diversification of influenza A/H1N1pdm.](#)
Nelson M et al. PLoS Currents: Influenza. Published online 7 November 2009.

[NOV 9] [Pandemic preparedness - Risk management and infection control for all respiratory infection outbreaks.](#)
Nori A, Williams MA. Aust Fam Physician. 2009 Nov;38(11):891-5.

[NOV 9] [Influenza A \(H1N1 09\) - Public health lessons and questions.](#)
Irving L, Hampson A. Aust Fam Physician. 2009 Aug;38(8):567.

[NOV 9] [H1N1 pandemic: life span considerations.*](#)
Blake N, Stevenson K, England D. AACN Adv Crit Care. 2009 Oct-Dec;20(4):334-41.

[NOV 6] [The early diversification of influenza A/H1N1pdm](#)
Beck E, et al. PLoS Currents: Influenza.

[NOV 6] Editorial: [Influenza in 2009: New Solutions, Same Old Problems*](#)
Gerberding JL. JAMA. 2009;302(17):1907-1908.

[NOV 6] Editorial: [Mandatory Vaccination of Health Care Workers.](#)
Stewart AM. New England Journal of Medicine. Early online publication.

- [NOV 6] [Modeling vaccination campaigns and the Fall/Winter 2009 activity of the new A\(H1N1\) influenza in the Northern Hemisphere](#)
Bajardi P, et al. Emerging Health Threats. 2009, 2:e11. doi: 10.3134/ehthj.09.011
- [NOV 6] [H1N1 Influenza in Pregnancy: Cause for Concern](#)
Saleeby E, Chapman J, Morse J, Bryant A. Obstet Gynecol. 2009 Oct;114(4): 885-91.
- [NOV 6] [Transmission and control of an emerging influenza pandemic in a small-world airline network*](#)
Hsu CI, Shih HH. Accid Anal Prev. 2010 Jan;42(1):93-100. Epub 2009 Jul 28.
- [NOV 6] [News: Flu vaccination campaign poses monitoring difficulties](#)
Collier R. CMAJ. 2009 Oct 13;181(8):E163-4. Epub 2009 Sep 21. No abstract available.
- [NOV 6] [Editorial: Does every new influenza reassortant virus qualify as a pandemic virus?](#)
BMJ Clinical Evidence. Commissioned Paper.
- [NOV 5] 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 5] [Insurers prepare for 2nd wave of H1N1 flu.*](#)
Berberabe T. Manag Care. 2009 Sep;18(9):55-6. No abstract available.
- [NOV 5] [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 5] [The Emergency Use Authorization of Peramivir for Treatment of 2009 H1N1 Influenza.*](#)
Birnkrant D, Cox E. N Engl J Med. 2009 Nov 2. [Epub ahead of print] No abstract available. PMID: 19884645

- [NOV 5] [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 4] [Pandemic Influenza as 21st Century Urban Public Health Crisis](#)
Bell DM, Weisfuse IB, Hernandez-Avila M, del Rio C, Bustamante X, Rodier G.
Emerg Infect Dis. 2009 Dec; [Epub ahead of print]
- [NOV 4] [Genomic Signatures of Influenza A Pandemic \(H1N1\) 2009 Virus](#)
Chen G-W, Shih S-R. Emerg Infect Dis. 2009 Dec; [Epub ahead of print]
- [NOV 4] [Cost-effectiveness Analysis of Hospital Infection Control Response to an Epidemic Respiratory Virus Threat](#)
Dan YY, et al. Emerg Infect Dis. 2009 Dec; [Epub ahead of print]
- [NOV 4] [Respiratory Infection in Institutions during Early Stages of Pandemic \(H1N1\) 2009, Canada](#)
Marchand-Austin A, et al. Respiratory infection in institutions during early stages of pandemic (H1N1) 2009, Canada. Emerg Infect Dis. 2009 Dec; [Epub ahead of print]
- [NOV 3] [Does every new influenza reassortant virus qualify as a pandemic virus?](#)
Gross PA. BMJ. Published online 3 November 2009.
- [NOV 4] [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 4] [Influenza in 2009: New Solutions, Same Old Problems*](#)
Gerberding JL. JAMA. 2009;302(17):1907-1908.
- [NOV 4] [Rhabdomyolysis Associated With 2009 Influenza A\(H1N1\)*](#)
Ayala E et al. JAMA. 2009;302(17):1863-1864.
- [NOV 4] [H1N1 Vaccine Urged for Health Workers, But Some Resist Getting on Board*](#)
Hampton T. JAMA. 2009;302(17):1848-1849.
- [NOV 4] [Hand Washing, a Key Anti-Flu Strategy, Often Neglected by Health Care Workers*](#)
Mitka M. JAMA. 2009;302(17):1850-1851.
- [NOV 4] [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.

Travel Advisories

[OCT 29] [H1N1 Backgrounder: Planes, Trains, Ferries and Buses—Advice for Travellers, Crews and Operators](#)

[OCT 26] [Hajj Pilgrims: Recommendations for travel](#)