

# pH1N1 Flu Virus (Human Swine Influenza) Information Resources

*Current as of December 8, 2009 at 4pm*

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## Highlights

- Flu.gov: [The Severity of Pandemic H1N1 Influenza in the United States, from April to July 2009: A Bayesian Analysis](#)
- [New York Autopsies Show 2009 H1N1 Influenza Virus Damages Entire Airway](#)
- [Responses Begins Recruitment](#)
- CIDRAP: [Promising Practices adds tools for H1N1 response](#)  
A peer-reviewed Web database of pandemic preparedness practices, established by CIDRAP in 2007, today launched a set of public health practices specific to pandemic H1N1 response
- EU: [Ministerial Statements London, United Kingdom - 4 December 2009 Tenth Ministerial Meeting Of The Global Health Security Initiative \(GHSI\)](#)

## Literature -----

- Am J Epi: [Near Real-Time Surveillance for Influenza Vaccine Safety: Proof-of-Concept in the Vaccine Safety Datalink Project.\\*](#)
- Wkly Epi Rec [Pandemic influenza A \(H1N1\) 2009 virus vaccine - conclusions and recommendations from the October 2009 meeting of the immunization Strategic Advisory Group of Experts.](#)

## News -----

- Chicago Sun-Times: [Deaths, hospital cases high in Illinois minorities](#)
- Johns Hopkins: [Complications threaten kids who have sickle cell](#)

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[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](#)  
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#### **Europe**

[United Kingdom's Health Protection Agency \(HPA\)](#)  
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[European Centre for Disease Control and Prevention \(ECDC\)](#)  
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#### **International**

[World Health Organization \(WHO\)](#)  
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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](mailto:gregory-gray@uiowa.edu)
- [ONGOING] "H1N1 and Pregnancy: Key Considerations for Vaccination and Management" : Online learning program for health professionals
- mdBriefCase, in collaboration with the Public Health Agency of Canada and the Society of Obstetricians and Gynaecologists of Canada, has developed an online learning program for health professionals on H1N1 immunization and pregnancy.
- The English version is now available. The French version will be posted on December 3rd.
- To access the program:  
[www.mdBriefCase.com](http://www.mdBriefCase.com) (for physicians)  
[www.rxBriefCase.com](http://www.rxBriefCase.com) (for pharmacists)  
[www.AdvancingIn.com](http://www.AdvancingIn.com) (for nurses and other healthcare professionals)

### Archived

- [NOV 30] Webcast: [Planning for a Pandemic - Can History Inform Action?](#)
- [NOV 18] [Clinical Laboratory Management Association: Review Epidemiology of Novel H1N1](#)
- [NOV 10] [Assembly of First Nations and Health Canada to Co-host a Virtual Summit on H1N1 Preparedness November 10th, 2009](#)
- [ARCHIVED] [COCA conference calls](#)
- [ARCHIVED] U.S. DHHS [H1N1 Video Briefing archive](#)
- [ARCHIVED] [Know what to do about the flu](#): webcast series from the U.S flu.gov

## Ministry of Health and Long-Term Care (MOHLTC)

- [DEC 04] [Ontario Expands Flu Immunization Program Seasonal and H1N1 flu shots now available to everyone](#)
- [DEC 04] [Ontario Influenza Bulletin Surveillance Week 47 \(November 22, 2009–November 28, 2009\)](#)  
For the surveillance period of November 22 to November 28, 2009 :
  - Influenza activity in Ontario was lower compared to the previous week.

- Fewer patients reporting influenza-like symptoms consulted sentinel physicians this week than the previous week.
- However, the rate of influenza-like illness (ILI) in patients seen by sentinel physicians continues to be above the average rate expected at this time of year.
- No health units reported widespread influenza activity for the current reporting week. Six health units reported localized influenza activity and 22 health units reported sporadic influenza activity.
- There are 8,538 confirmed cases of H1N1 flu virus reported through the integrated Public Health System (iPHIS).

[DEC 01] [Planning for Extra-Curricular Activities for School-Aged Children](#)

[DEC 01] [Guidance for Faith-Based Groups](#)

[NOV 27] [“Join the Resistance” Ad Campaign Launch](#)

Ontario has launched a \$650,000 ad campaign to encourage college and university students to roll up their sleeves for the H1N1 flu shot. The ministry has arranged an e-mail blast about joining the resistance to more than 400,000 college/university students across the province. This is being done via 53 presidents of the Canadian Federation of Students and the College Students Alliance Students' Unions who are deploying the message to their student base. We have also sent posters to public health units to support clinics ongoing through the end of the school semester.

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

### Important Health Notices / Avis de santé important

[NOV 13] [Information for Health Care Providers – pH1N1 Update](#)

## Ontario Agency for Health Protection and Promotion (OAHPP)

[DEC 02] [Weekly Synthesis of Surveillance Information, Literature & Government Updates \(Week ending Nov 27, 2009\)](#)

[DEC 07] [Ontario Agency for Health Protection and Promotion Laboratory Pandemic H1N1 Surveillance Report November 30<sup>th</sup>](#)

[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.*

[DEC 06] [Weekly Distribution of the H1N1 Flu Vaccine](#)

[DEC 04] [Vaccine Surveillance Report](#)

- [DEC 04] [Deaths Associated with H1N1 flu virus in Canada](#) (as of Dec 03)
- New deaths reported Nov 26 – Dec 03: 28
  - Cumulative total: 357
- [DEC 04] FluWatch Nov. 22 - 28, 2009 (Week 47) see attached file
- Nationally, the activity levels reported this week continued to decrease compared to the previous week.
  - All FluWatch influenza indicators declined during week 47.
  - The Pandemic (H1N1) 2009 strain accounted for nearly 100% of the positive influenza A subtyped specimens this week.
  - The intensity of Pandemic (H1N1) 2009 in the population was moderately high with 804 hospitalizations, 139 ICU admissions and 56 deaths reported this week. Hospitalized cases occurred in all provinces and territories (P/T) that reported this week while the deaths were from all P/T except PE and 3 territories. From August 30 to November 28, 2009, a total of 6,314 hospitalized cases including 957 (15.2%) cases admitted to an intensive care unit (ICU) as well as 259 deaths had been reported.
  - The proportion of severe cases (ICU admissions and deaths) among all hospitalized cases was lower in the second wave than in the first wave.
  - A slight decline has been experienced in all provinces and territories as indicated in the continued decreasing number of reported hospitalized cases, ICU admissions and deaths reported this week.

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

## Centers for Disease Control and Prevention (CDC) and US Department of Health and Human Services

- [DEC 05] [New: Caring for Someone Sick at Home](#)  
Will you know what to do if someone in your home gets the flu? This new online guide from CDC provides step-by-step instructions on how to care for someone sick in your home. Learn what you can do to help your family this flu season.
- [DEC 04] [UPDATE: 2009 H1N1 Flu International Situation Update](#)  
This report provides an update to the international situation as of December 4, 2009. The World Health Organization (WHO) continues to report updated 2009 H1N1 flu-associated laboratory-confirmed cases and deaths on its Web page.
- [DEC 04] [NEW: In The News Question & Answer on Antiviral Usage During the Pandemic](#)  
Significant increases in the proportion of hospitalized adults and children being treated with influenza antiviral drugs have been noted during the 2009 H1N1 pandemic compared to the proportion of adults and children that have been treated with flu antiviral drugs during past seasonal influenza epidemics.
- [DEC 04] [FluView: 2009-2010 Influenza Season Week 47 ending November 28, 2009](#)  
During week 47 (November 22-28, 2009), influenza activity continued to decrease in the U.S.

- 956 (15.4%) 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 for the ninth consecutive week.
- Seventeen influenza-associated pediatric deaths were reported. Twelve of these deaths were associated with 2009 influenza A (H1N1) virus infection and five were associated with an influenza A virus for which the subtype was undetermined.
- The proportion of outpatient visits for influenza-like illness (ILI) was 3.7% which is above the national baseline of 2.3%. Eight of the 10 regions reported ILI at or above region-specific baseline levels. Regions 6 and 10 reported ILI below their region specific baselines.
- Twenty-five states reported geographically widespread influenza activity, 17 states reported regional influenza activity, the District of Columbia, Puerto Rico and six states reported local influenza activity, and Guam, the U.S. Virgin Islands and two states reported sporadic influenza activity.

[DEC 04] [Update: U.S. Influenza -Associated Hospitalizations and Deaths from August 30 to November 28, 2009](#)

Cases Defined by	Hospitalizations	Deaths
Influenza Laboratory-Tests**	31, 320	1,366

[DEC 04] [Update: H1N1 Flu \(Swine Flu\): Preparedness Tools for Professionals](#)  
FluAid, FluSurge, Flu Work Loss

[DEC 03] [Podcast: 2009 H1N1 Information for Parents who have Children with High-Risk Medical Conditions](#)

[DEC 02] [Alert: Fraudulent emails referencing CDC-sponsored State Vaccination Program](#)

CDC has received reports of fraudulent emails (phishing) referencing a CDC sponsored State Vaccination Program.

[DEC 01] [NEW: Caregiver Instruction Sheet: Opening and Mixing Tamiflu® Capsules with Liquids if Child Cannot Swallow Capsules](#)

This document provides instructions for caregivers on how to open and mix Tamiflu® capsules with a thick sweetened liquid for children who cannot swallow capsules.

[DEC 01] [This tool is part of Preparing for the Flu: Communication Toolkit for Schools \(Grades K-12\)](#)

This toolkit provides basic information and communication resources to help school administrators implement recommendations from CDC regarding flu.

[DEC 01] [Update: Interim Guidance for Management of Influenza-Like Illness aboard Commercial Aircraft during the 2009-10 Influenza Season](#)

This document provides updated guidance regarding management of influenza-like illness (ILI) before, during and after a flight, including personal protective measures for the crew, and reporting of ILI to CDC Quarantine Stations.

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

## Other US Sources



- [DEC 08] [The Severity of Pandemic H1N1 Influenza in the United States, from April to July 2009: A Bayesian Analysis](#)  
Accurate measures of the severity of pandemic (H1N1) 2009 influenza (pH1N1) are needed to assess the likely impact of an anticipated resurgence in the autumn in the Northern Hemisphere.



- [DEC 08] [New York Autopsies Show 2009 H1N1 Influenza Virus Damages Entire Airway](#)  
In fatal cases of 2009 H1N1 influenza, the virus can damage cells throughout the respiratory airway, much like the viruses that caused the 1918 and 1957 influenza pandemics, report researchers from the National Institutes of Health (NIH) and the New York City Office of Chief Medical Examiner.



- [DEC 07] [NIAID Clinical Trial of Pregnant and Non-Pregnant Women to Compare Responses Begins Recruitment](#)  
A clinical trial comparing immune responses of healthy pregnant and non-pregnant women to an inactivated 2009 H1N1 influenza vaccine has begun enrolling volunteers.

- [DEC 03] American Society of Transplantation (AST), The Transplantation Society (TTS) and the Canadian Society of Transplantation (CST): [Guidance on Novel Influenza A/H1N1 in Solid Organ Transplant Recipients](#)

- [DEC 02] United States Department of Labor Occupational Safety & Health Administration: [Enforcement Procedures for High to Very High Occupational Exposure Risk to 2009 H1N1 Influenza](#)

- [DEC 01] AMA: [Secretary Sebelius Addresses the American Medical Association Third National Congress on Health System Readiness](#)

## Center for Infectious Disease Research and Policy



- [DEC 07] [Deaths, hospital cases high in Illinois minorities](#)  
Illinois health officials said the pandemic H1N1 death rate for African-Americans and Hispanics in the state is twice the rate for whites, and the hospitalization rate for the two minority groups is three times as high, the *Chicago Sun-Times* reported. Dr. Craig Conover of the Illinois Department of Public Health said the reason for the disparities is not clear, but possibilities include more chronic health problems, lower vaccination rates, and less access to healthcare. [[Dec 5 Chicago Sun-Times story](#)]



- [DEC 07] [Promising Practices adds tools for H1N1 response](#)  
A peer-reviewed Web database of pandemic preparedness practices, established by CIDRAP in 2007, today launched a set of public health practices specific to pandemic H1N1 response. For example, it includes tools for managing vaccine clinics and delivering flu information to hard-to-reach groups. It is seeking additional promising practice submissions related to the pandemic. The Association of State and

Territorial Health Officials sponsors the project. [\[CIDRAP Promising Practices Web site\]](#)



[DEC 07]

### [Cases in UK drop sharply](#)

Pandemic H1N1 cases in the United Kingdom dropped sharply last week, but Sir Liam Donaldson, the nation's chief medical officer, warned that cases could rise again after Christmas, according to a news story today in the *British Medical Journal*. Cases dropped to 22,000 in the week ending Dec 3, from 46,000 the previous week. A high rate of hospital cases continues among children under age 5. There have been 270 confirmed H1N1 deaths, and 1,000 people remain hospitalized. [\[Dec 7 BMJ story\]](#)



[DEC 07]

### [HHS launches flu vaccination ads](#)

The US Department of Health and Human Services (HHS) and the Advertising Council today launched a new public service advertising campaign to encourage pregnant women, children, young adults, and other priority groups to get the pandemic H1N1 vaccine. The campaign features five television ads, three radio spots, and online and outdoor ads created pro bono by the agency Merckley + Partners, according to HHS. [\[Dec 7 HHS press release\]](#)



[DEC 07]

### [Complications threaten kids who have sickle cell](#)

Children with sickle cell disease are more likely to develop serious complication from pandemic H1N1 influenza than for seasonal flu, researchers from Johns Hopkins reported today at the American Society of Hematology meeting in New Orleans. Their review of 118 children with sickle cell who were treated for flu since Sep 1993 found that those who had the pandemic strain were more likely, for example, to develop acute chest syndrome and require a ventilator and blood transfusion. [\[Dec 7 Johns Hopkins press release\]](#)



[DEC 07]

### [French deaths spark vaccine demand](#)

Media reports of pandemic flu deaths in France have led to a recent surge in demand for the vaccine, the *Wall Street Journal* reported today. The country began immunizing groups at high risk for complications on Nov 12, but interest in the vaccine had been lukewarm. However, now the country's army is helping manage crowds at vaccine clinics. France has vaccinated 2 million people and hopes to reach 30 million by February. It bought 94 million doses. [\[Dec 7 Wall Street Journal story\]](#)

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

## Health Protection Agency (UK)

[DEC 04] [Swine flu vaccination for pregnant women: frequently asked questions](#)

[DEC 03] [Weekly International Summary](#)

[DEC 03] [Weekly Pandemic Flu Media Update](#)

[DEC 03] [Weekly Epidemiological Update: 03 December 2009 \(Week 49\)](#)

[DEC 02] [Pandemic H1N1 2009 in England: an overview of initial epidemiological findings and implications for the second wave](#)

[ARCHIVED] [Swine Influenza page](#)



## Department of Health (UK)



- [DEC 08] [Swine flu vaccinations for under fives to start before Christmas](#)
- [DEC 03] [Pandemic influenza: indemnity cover and associated issues in England](#)
- [DEC 02] [Flowchart for triage: swine flu patients - for GP practice managers and receptionists](#)
- [DEC 02] [Advice from the H1N1 Critical Care Clinical Group](#)
- [ARCHIVE] [DH Pandemic Flu site](#)

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



- [DEC 08] [Daily update – Pandemic H1N1 2009 \(Dec 04 2009\)](#)
  - Updates from U.S.A. and Canada included
  - Updates from Moldova, Ukraine, Belarus and Russia included
  - CIDRAP launches promising practices database
  - A total of 1 079 fatal cases in Europe and EFTA countries and 8 892 in the rest of the world have been reported up to date



- [DEC 07] [ECDC Executive Update Pandemic influenza \(H1N1\) 2009 Issue 22 Monday, 7 December 2009](#)
- [DEC 04] [Weekly Influenza Surveillance Overview for week 46/2009](#)
- [ARCHIVED] [Maps, surveillance summaries and previous ECDC updates](#)

## European Union



- [DEC 08] [Ministerial Statements London, United Kingdom - 4 December 2009 Tenth Ministerial Meeting Of The Global Health Security Initiative \(GHSI\)](#)

Statements include: Our discussions today, and our efforts since April, focussed on Pandemic (H1N1) 2009. In this regard, our efforts and our progress have been unprecedented. We have discussed and compared a range of response measures including vaccination strategies, the use of antiviral drugs and risk communications strategies and approaches.
- [DEC 07] [European Medicines Agency advises of risk of fever in young children following vaccination with Pandemrix \(Press release of Dec 4<sup>th</sup>, posted Dec 7<sup>th</sup>\)](#)
- [DEC 03] [EMA agency publishes first weekly pandemic pharmacovigilance update](#)

- [DEC 01] [Commission approves one dose for 2 H1N1 vaccines for adults](#)
- [NOV 30] [Factsheet on Pandemic \(H1N1\)2009 by European Commission](#)
- [ARCHIVE] [European Union Influenza H1N1 page](#)

## Pan-American Health Organization (PAHO)

- [DEC 07] [Regional Update. Pandemic \(H1N1\) 2009 \(Dec 7\)](#)
- [ARCHIVED] [PAHO Influenza A \(H1N1\) Portal](#)

## Australia and New Zealand

*All jurisdictions in Australia have ceased daily Pandemic (H1N1) 2009 data reporting.*

- [DEC 02] [New Zealand Pandemic Influenza \(H1N1\) 09 Swine Flu - Update 163](#)  
Sentinel surveillance data from the Institute of Environmental Science and Research shows that the current level of pandemic influenza activity in New Zealand is below baseline. However, there was a slight increase in visits to doctors for influenza-like illness (ILI) during the week of 16-22 November 2009. The highest number of visits to doctors for ILI was reported by the South Auckland, Rotorua and Otago health districts, and amongst children and teenagers up to 19 years old.

- [DEC 07] [Australian Influenza Surveillance Summary Report No.29, 2009, Reporting Period: 21 November 2009 – 27 November 2009](#)

### Key items

- As at 27 November 2009, there had been 37,435 confirmed cases of pandemic (H1N1) 2009 and 191 deaths reported in Australia.
- A pandemic influenza-associated death has been reported in a 33 year old male.
- The Therapeutic Goods Administration (TGA) has approved for registration the Australian-made Panvax H1N1 Vaccine Junior enabling children from 6 months to 9 years of age to be protected against the pandemic (H1N1) 2009 influenza.
- As at 22 November 2009, the WHO had received reports of over 622,000 confirmed cases pandemic (H1N1) 2009, including over 7,820 deaths. These reports are likely to significantly underestimate the actual number of cases and deaths that have occurred.
- Influenza-like illness (ILI) activity appears to have peaked in most parts of US and Canada. In Europe, widespread and increasing transmission of pandemic influenza virus was observed across much of the continent and most countries that were not yet experiencing elevated ILI activity in the previous few weeks saw a rapid increase in ILI.
- As at 27 November 2009, WHO had received reports of 75 oseltamivir resistant pandemic (H1N1) 2009 viruses that had been detected and characterised worldwide. All of these isolates showed the same H275Y mutation. All were found to be sensitive to zanamivir. More than 10,000 other clinical specimens of the pandemic (H1N1) 2009 virus have been tested and found to be sensitive to oseltamivir.
- WHO has reported that all pandemic H1N1 2009 influenza viruses analysed to date have been antigenically and genetically closely related to the vaccine virus A/California/7/2009.

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

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

## 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.

[DEC 04] [Pandemic \(H1N1\) 2009 - update 77](#)

[DOC 03] [Transcript of the 3 December 2009 press briefing](#)

[DEC 03] [WHO use of advisory bodies in responding to the influenza pandemic](#)

[DEC 02] [Oseltamivir resistance in immunocompromised hospital patients](#)

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

[ARCHIVED] [Older WHO Updates](#)

## International Society for Infectious Diseases

[NOV 25] ProMed Posting: [Comments re: Influenza pandemic \(H1N1\) 2009 \(115\): USA \(WV\), repeat infection](#)

Out correspondents suggest 2 explanations for this case of pandemic (H1N1) 2009 virus reinfection in a mother and son. Dr Lenoir's observations suggest that reinfection may on occasion be a consequence of transient immune suppression, whereas Professor Tang cites evidence that reinfection may occur more frequently than currently supposed.

## pH1N1 Clinical Information

[ARCHIVED] [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)



[DEC 08] [Nurses, the 2009 h1n1 flu, and seasonal vaccination\\*](#)  
Aschenbrenner DS. Am J Nurs. 2009 Dec;109(12):56-9. No abstract available. PMID: 19966679 [PubMed - in process]



[DEC 08] [Near Real-Time Surveillance for Influenza Vaccine Safety: Proof-of-Concept in the Vaccine Safety Datalink Project\\*](#)  
Greene SK, Kulldorff M, Lewis EM, Li R, Yin R, Weintraub ES, et al. Am J Epidemiol. 2009 Dec 4. [Epub ahead of print] PMID: 19965887 [PubMed - as supplied by publisher]



[DEC 08] [Protecting the Herd from H1N1.\\*](#)  
Eisenberg JN, Aiello AE, Spicknall IH, Monto AS, Reingold A. Science. 2009 Nov 13;326(5955):934. No abstract available.  
[Protecting the Herd from H1N1--Response.](#) Medlock J, Galvani AP.



[DEC 08] [Europe Reconsiders H1N1 Flu Shots for Children.\\*](#)  
Enserink M. Science. 2009 Nov 13;326(5955):922. No abstract available.



[DEC 08] [Infection control practices in assisted living communities.\\*](#)  
Mitty E. Geriatr Nurs. 2009 Nov-Dec;30(6):417-23. PMID: 19963152 [PubMed - in process]



[DEC 08] [Detection of Pandemic influenza A/H1N1/2009 Virus by Real-Time Reverse Transcription Polymerase Chain Reaction.\\*](#)  
Wu W, Kang X, Bai Z, Liu L, Li J, Wu X, et al. J Virol Methods. 2009 Dec 3. [Epub ahead of print] PMID: 19963010 [PubMed - as supplied by publisher]



[DEC 08] [High-resolution computed tomography findings from adult patients with Influenza A \(H1N1\) virus-associated pneumonia.\\*](#)  
Marchiori E, Zanetti G, Hochegger B, Rodrigues RS, Fontes CA, Nobre LF, et al. Eur J Radiol. 2009 Dec 3. [Epub ahead of print] PMID: 19962842 [PubMed - as supplied by publisher]



[DEC 08] [A parsimonious hypothesis to the cause of influenza lethality and its variations in 1918-1919 and 2009.\\*](#)  
Azambuja MI. Med Hypotheses. 2009 Dec 3. [Epub ahead of print] PMID: 19962834 [PubMed - as supplied by publisher]



[DEC 08] [Who is that masked person: The use of face masks on Mexico City public transportation during the Influenza A \(H1N1\) outbreak.\\*](#)  
Con don BJ, Sinha T. Health Policy. 2009 Dec 3. [Epub ahead of print] PMID: 19962777 [PubMed - as supplied by publisher]



[DEC 08] [Emergence of H274Y oseltamivir-resistant A\(H1N1\) influenza viruses in Japan during the 2008-2009 season.\\*](#)  
Baranovich T, Saito R, Suzuki Y, Zaraket H, Daplat C, Caperig-Daplat I, Oguma T, Shabana II, Saito T, Suzuki H; the Japanese Influenza Collaborative Study Group. J Clin Virol. 2009 Dec 2. [Epub ahead of print] PMID: 19962344 [PubMed - as supplied by publisher]



[DEC 08] [The Enigma of the H1N1 Flu: Are You Ready?\\*](#)  
Ball K. AORN J. 2009 Dec;90(6):852-66. PMID: 19961971 [PubMed - in process]



[DEC 08] [Modeling gene sequences over time in 2009 H1N1 Influenza A Virus populations.](#)  
Goni N, Fajardo A, Moratorio G, Colina R, Cristina J. Virol J. 2009 Dec 4;6(1):215. [Epub ahead of print] PMID: 19961611 [PubMed - as supplied by publisher]



[DEC 08] [Significant neutralizing activity of human immunoglobulin preparations against pandemic 2009 H1N1.\\*](#)  
Yunoki M, Kubota-Koketsu R, Urayama T, Sasaki T, Analiwa D, Konoshima Y, et al. Br J Haematol. 2009 Nov 24. [Epub ahead of print] No abstract available. PMID: 19961480 [PubMed - as supplied by publisher]



[DEC 08] [Navy support to civilian authorities during the 1918 influenza pandemic--history's lessons and recommendations for future work.\\*](#)  
Snyder TL. Mil Med. 2009 Nov;174(11):1223-7. No abstract available.



[DEC 08] [Hospitals urged to review emergency plans to cope with H1N1 cases. Public health officials say hospitals must work with local communities.\\*](#)  
Kreimer S. Hosp Health Netw. 2009 Oct;83(10):16. No abstract available.



[DEC 08] ["Flu" before "swine"?\\*](#)  
Cannon L. MLO Med Lab Obs. 2009 Nov;41(11):6; discussion 6. No abstract available.



[DEC 08] [Pandemic influenza A \(H1N1\) 2009 virus vaccine - conclusions and recommendations from the October 2009 meeting of the immunization Strategic Advisory Group of Experts.](#)  
Wkly Epidemiol Rec. 2009 Dec 4;84(49):505-8. English, French. No abstract available.

[DEC 07] News: [Fall in swine flu cases may not signal an end of the epidemic, warns Professor Donaldson](#)  
Mashta O. BMJ 2009;339:b5329

[DEC 07] [Exposure to MF59-adjuvanted influenza vaccines during pregnancy—A retrospective analysis\\*\\* \\*](#)  
Tsai T, Kyaw MH, Novicki D, Nacci P, Rai S, Clemens R. Vaccine. Available online 5 December 2009

[DEC 07] [Development of a Rapid Automated Influenza A, Influenza B, and Respiratory Syncytial Virus A/B Multiplex Real-Time RT-PCR Assay and Its Use during the 2009 H1N1 Swine-Origin Influenza Virus Epidemic in Milwaukee, Wisconsin.\\*](#)  
Beck ET, Jurgens LA, Kehl SC, Bose ME, Patitucci T, Lague E, et al. J Mol Diagn. 2009 Dec 3. [Epub ahead of print] PMID: 19959800 [PubMed - as supplied by publisher]

- [DEC 07] [Campus Response to Novel Influenza H1N1.\\*](#)  
[No authors listed] J Am Coll Health. 2009 Nov-Dec;58(3):281-9. No abstract available. PMID: 19959443 [PubMed - in process]
- [DEC 07] [Re: The State's role and health - swine 'flu as a case study.\\*](#)  
Carnegie-Smith K. Public Health. 2009 Dec;123(12):821. No abstract available. PMID: 19958921 [PubMed - in process]
- [DEC 07] [Development of a real-time TaqMan PCR assay for the detection of porcine and bovine Torque teno virus.\\*](#)  
Brassard J, Gagné MJ, Houde A, Poitras E, Ward P. J Appl Microbiol. 2009 Nov 14. [Epub ahead of print] PMID: 19958424 [PubMed - as supplied by publisher]
- [DEC 07] [Guidance on Novel Influenza A/H1N1 in Solid Organ Transplant Recipients.](#)  
Kumar D, Morris MI, Kotton CN, Fischer SA, Michaels MG, Allen U, et al.; on Behalf of the AST Infectious Diseases Community of Practice and Transplant Infectious Diseases Section of TTS. Am J Transplant. 2009 Dec 2. [Epub ahead of print]
- [DEC 04] [Safety of Influenza A \(H1N1\) 2009 Monovalent Vaccines: United States, October 1--November 24, 2009](#)  
MMWR. 2009; 58. Early release December 4, 2009.
- [DEC 04] [Severe Pneumonia Associated with Pandemic \(H1N1\) 2009 Outbreak, San Luis Potosí, Mexico](#)  
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## **Travel Advisories**

- [NOV 27] [WHO: Travel Safety](#)
- [NOV 19] [Travel Health Notice: Global H1N1 flu virus](#)
- [OCT 29] [H1N1 Backgrounder: Planes, Trains, Ferries and Buses—Advice for Travellers, Crews and Operators](#)
- [OCT 26] [Hajj Pilgrims: Recommendations for travel](#)