

pH1N1 Flu Virus (Human Swine Influenza) Information Resources

Current as of December 9, 2009 at 4pm

Highlights

OAHP: [Weekly Synthesis of Surveillance Information, Literature & Government Updates \(Week ending Dec 4, 2009\)](#)

PHAC: [Deaths Associated with H1N1 flu virus in Canada](#)

- New deaths reported Dec 03- Dec 08. 11h00 EDT: 6
- Cumulative total: 363

CDC: [UPDATE: Updated Interim Recommendations for the Use of Antiviral Medications in the Treatment and Prevention of Influenza for the 2009-2010 Season](#)

Literature -----

BMJ: Editorial: [Why don't we have all the evidence on oseltamivir?](#)

Feature: [Complications: tracking down the data on oseltamivir](#)
A Cochrane group's attempt to reproduce an analysis underpinning the use of oseltamivir in pandemic influenza hit a brick wall. Deborah Cohen retraces its steps

[Research: Neuraminidase inhibitors for preventing and treating influenza in healthy adults: systematic review and meta-analysis](#)

Analysis :[Neuraminidase inhibitors—the story behind the Cochrane review](#)

Response: Roche
[Point-by-point response from Roche to *BMJ* questions](#)

Response: Roche
[Roche replies to the authors of the Cochrane Review on oseltamivir](#)

News -----

CIDRAP: [Deaths, hospital cases high in Illinois minorities](#)

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
- [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 (for physicians)
www.rxBriefCase.com (for pharmacists)
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 09] [Weekly Synthesis of Surveillance Information, Literature & Government Updates \(Week ending Dec 4, 2009\)](#)

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

[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 09] [Deaths Associated with H1N1 flu virus in Canada](#)

- New deaths reported Dec 03- Dec 08. 11h00 EDT: 6
- Cumulative total: 363

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

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

[DEC 04] **FluWatch Nov. 22 - 28, 2009 (Week 47)**

- 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 09] [UPDATE: Updated Interim Recommendations for the Use of Antiviral Medications in the Treatment and Prevention of Influenza for the 2009-2010 Season](#)

Information regarding use of intravenous peramivir under an emergency use authorization. Information on availability of renal dosing for peramivir. Updated oseltamivir dosing instructions for children younger than 1 year of age based on weight.

[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](#)

[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.

[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](#)

Center for Infectious Disease Research and Policy

[DEC 08] [Researchers estimate relatively low H1N1 fatality rate](#)
Robert Roos ■ News Editor (CIDRAP News) – Researchers who analyzed H1N1 influenza hospitalization and death data from the early months of the pandemic say the fall-winter phase of the contagion may bring fewer deaths than an average flu season, barring any changes that would make the virus more virulent, but the deaths are likely to be in younger age-groups.



[DEC 08] [Reports probe Tamiflu benefits, call for clinical data transparency](#)
Lisa Schnirring ■ Staff Writer (CIDRAP News) – In an update of a review on the role of neuraminidase inhibitors in seasonal flu prevention and treatment, the authors reversed a previous conclusion that oseltamivir (Tamiflu) prevents complications like pneumonia in healthy patients because they were unable to reconstruct the data in one of the key studies that found a benefit.



[DEC 08] [South Korea may aid North Korea's flu fight](#)
Today South Korean President Lee Myung-bak offered to send H1N1 vaccine to North Korea amid reports that the novel flu has killed dozens and is spreading fast in that nation, according to the Associated Press (AP). The Seoul-based aid group Good Friends reported that pandemic H1N1 has killed about 40 people in Sinuiju, near China, and 7 in the capital, Pyongyang. North Korea has yet to confirm any H1N1 outbreak. South Korea is studying ways to send the vaccine without conditions. [[Dec 8 AP report](#)]



[DEC 08] [Vaccine inequality may pose security threat](#)
Shortages of H1N1 vaccine in developing nations may pose a global security risk if the pandemic worsens, David Heymann, a former World Health Organization (WHO) official, told Bloomberg News. "Globally I think we're not probably as prepared as we need to be in more equitable access to vaccines," Heymann said, adding that high mortality could lead to "extreme destabilization of global security." About 200 million vaccine doses have been donated to the WHO for use in 95 poorer nations. [[Dec 8 Bloomberg News article](#)]



[DEC 08] [Wary Europeans slow to get vaccinated](#)
Concerns over vaccine safety and low death rates from pandemic H1N1 flu apparently are keeping European vaccination rates low, according to Bloomberg. Several nations have vaccination rates under 10%, compared with 20% in Europe in a typical flu season. Scandinavia, however, is reporting rates from 19% to 33%. Public concerns that the H1N1 vaccine may cause adverse effects have kept some Europeans from being vaccinated, which means Europe may have more doses to donate to other nations. [[Dec 8 Bloomberg News article](#)]



[DEC 08] [Germany has excess vaccine to sell](#)
Germany's health minister said yesterday that states have asked the federal government to sell 2.2 million doses of H1N1 vaccine to other nations, according to an Agence France-Press (AFP) story. Another possibility would be to donate the vaccine, which is available because of low demand. The country has ordered 20

million doses to arrive by the end of December and 50 million by the end of March. So far about 4 million Germans, or 5% of the population, have received the vaccine. [\[Dec 7 AFP story\]](#)

[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 09] [Daily update – Pandemic H1N1 2009 \(Dec 09 2009\)](#)

- Germany considering sales or donations of surplus pandemic vaccine stock
- ECDC describes new clinical management guidance of human pandemic infections produced by WHO and discusses the public health measures that could minimise the impact of pandemic.
- A total of 1 084 fatal cases in Europe and EFTA countries and 8 990 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
\(GHSI\)](#)

[DEC 07] [European Medicines Agency advises of risk of fever in young children
following vaccination with Pandemrix \(Press release of Dec 4th, posted
Dec 7th\)](#)

[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 09] [New Zealand Pandemic Influenza \(H1N1\) 09 Swine Flu - Update 164](#)

[DEC 07] [Australian Influenza Surveillance Summary Report No.29, 2009,
Reporting Period: 21 November 2009 – 27 November 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 09] Editorial: [Why don't we have all the evidence on oseltamivir?](#)
BMJ 2009;339:b5351 Published 8 December 2009, doi:10.1136/bmj.b5351

-  [DEC 09] Feature: [Complications: tracking down the data on oseltamivir](#)
Cohen D. BMJ 2009;339:b5387 Published 8 December 2009, doi:10.1136/bmj.b5387
A Cochrane group's attempt to reproduce an analysis underpinning the use of oseltamivir in pandemic influenza hit a brick wall. Deborah Cohen retraces its steps
-  [DEC 09] [Research : Neuraminidase inhibitors for preventing and treating influenza in healthy adults: systematic review and meta-analysis](#)
Jefferson T, Jones M, Doshi P, Del Mar C. BMJ 2009;339:b5106 Published 8 December 2009, doi:10.1136/bmj.b5106
-  [DEC 09] Analysis :[Neuraminidase inhibitors—the story behind the Cochrane review](#)
Doshi P. BMJ 2009;339:b5164 Published 8 December 2009, doi:10.1136/bmj.b5164
-  [DEC 09] Response: Roche
[Point-by-point response from Roche to BMJ questions](#)
BMJ 2009;339:b5374 Published 8 December 2009, doi:10.1136/bmj.b5374
-  [DEC 09] Response: Roche
[Roche replies to the authors of the Cochrane Review on oseltamivir](#)
BMJ 2009;339:b5364 Published 8 December 2009, doi:10.1136/bmj.b5364
-  [DEC 09] [News: Health ministers from around the world make H1N1 top priority](#)
Siva N. BMJ 2009;339:b5397 Published 9 December 2009, doi:10.1136/bmj.b5397
-  [DEC 09] [Shot in the arm. H1N1 vaccine is headed to state health departments to ward off pandemic's spread, but experts worry about delay.](#)
Zigmond J. Mod Healthc. 2009 Oct 26;39(43):6-7, 16, 1.PMID: 19972647 [PubMed - in process]
-  [DEC 09] [Exposure to MF59-adjuvanted influenza vaccines during pregnancy-A retrospective analysis.](#)
Tsai T, Kyaw MH, Novicki D, Nacci P, Rai S, Clemens R. Vaccine. 2009 Dec 4. [Epub ahead of print]PMID: 19969117 [PubMed - as supplied by publisher]
-  [DEC 09] [Lancet conference: influenza in the Asia-pacific and the international scientific symposium on influenza pandemic response and preparedness.](#)
Chan PK. Expert Rev Anti Infect Ther. 2009 Dec;7(10):1165-6.PMID: 19968508 [PubMed - in process]
-  [DEC 09] [H1N1 Influenza: Contact Investigation Burden because of Failure to Institute Influenza Precautions in Patients with Negative Rapid Influenza Diagnostic Test Results.](#)
Cunha BA, Thekkel V, Cohan C. Infect Control Hosp Epidemiol. 2010 Jan;31(1):102-4. No abstract available. PMID: 19968491 [PubMed - in process]
-  [DEC 09] [Coding for the H1N1 virus vaccination.](#)
Martin V. Med Econ. 2009 Oct 23;86(20):26. No abstract available.

- [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](#)
Gómez-Gómez A et al. Emerg Infect Dis. 2010 Jan; [Epub ahead of print]. DOI:
- [DEC 04] [Fatal Case of Pneumonia Associated with Pandemic \(H1N1\) 2009 in HIV-Positive Patient](#) [letter]
Klein NC, Chak A, Chengot M, Johnson DH, Cunha BA. Emerg Infect Dis. 2010 Jan; [Epub ahead of print]. DOI: 10.3201/eid1601.090930
- [DEC 04] [Oseltamivir- and Amantadine-Resistant Influenza Virus A \(H1N1\)](#)
Cheng PKC, To APC, Leung TWC, Leung PCK, Lee CWC, Lim WWL. Emerg Infect Dis. 2010 Jan; [Epub ahead of print]. DOI: 10.3201/eid1601.091304
- [DEC 02] [NCCID: Purple paper: H1N1 Literature review](#)
- [DEC 03] [Two cases of swine H1N1 influenza presenting with hematuria as prodrome.](#)*
Ghiggeri GM, Losurdo G, Ansaldi F, Canepa A, Magnasco A. Pediatr Nephrol. 2009 Dec 2. [Epub ahead of print]
- [DEC 03] [Estimated epidemiologic parameters and morbidity associated with pandemic H1N1 influenza](#)
Tuite AR, Greer AL, Whelan M, Winter AL, Lee B, Yan Y, Wu J, Moghadas S, David Buckeridge D, Pourbohloul B, Fisman DN. CMAJ 10.1503/cmaj.091807. Published online ahead of print December 3, 2009.
- [DEC 03] [The Emergency Use Authorization of Peramivir for Treatment of 2009 H1N1 Influenza](#)
Birnkrant D, Cox E. NEJM. 2009; 361(23):2204-07.

- [DEC 03] [Diagnostic Testing for 2009 Pandemic Influenza A \(H1N1\)Virus Infection in Hospitalized Patients](#)
Uyeki T. NEJM. 2009; 361(23): e110.
- [DEC 03] [Emergence of Oseltamivir-Resistant Pandemic H1N1 Virus during Prophylaxis](#)
Baz M et al. NEJM. 2009; 361(23):2296-7.
- [DEC 03] [Early Assessment of Anxiety and Behavioral Response to Novel Swine-Origin Influenza A\(H1N1\)](#)
Holland Jones J, Salathé M. PloS ONE. Research Article, published 03 Dec 2009. doi:10.1371/journal.pone.0008032
- [DEC 02] [Viral load in patients infected with pandemic H1N1 2009 influenza A virus.](#)
To KK, Chan KH, Li IW, Tsang TY, Tse H, Chan JF, et al. J Med Virol. 2009 Nov 30;82(1):1-7. [Epub ahead of print]PMID: 19950247
- [DEC 02] [Induction of cross-protective immunity against influenza A virus H5N1 by an intranasal vaccine with extracts of mushroom mycelia.](#)
Ichinohe T, Ainai A, Nakamura T, Akiyama Y, Maeyama JI, Odagiri T, et al. J Med Virol. 2009 Nov 30;82(1):128-137. [Epub ahead of print]PMID: 19950232
- [DEC 02] [Clinical Performance of a Rapid Influenza Test and Comparison of Nasal Versus Throat Swabs to Detect 2009 Pandemic Influenza A \(H1N1\) Infection in Thai Children.](#)
Suntarattiwong P, Jarman RG, Levy J, Baggett HC, Gibbons RV, Chotpitayasunondh T, Simmerman JM. Pediatr Infect Dis J. 2009 Nov 25. [Epub ahead of print]PMID: 19949356
- [DEC 02] [GPs are told to vaccinate all priority groups against swine flu before Christmas.](#)
Pownall M. BMJ. 2009 Nov 30;339:b5110. doi: 10.1136/bmj.b5110. No abstract available

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](#)