

# pH1N1 Flu Virus (Human Swine Influenza) Information Resources

*Current as of December 29, 2009 at 4pm*

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## Highlights

CDC: [UPDATED: Antiviral Drugs for the 2009-2010 Influenza Season](#)

WHO: [Pandemic \(H1N1\) 2009 vaccine deployment update](#)

Updates from [ECDC](#) and [Australia](#)

## Literature -----

BMC Med: [Calculating the potential for within-flight transmission of influenza A \(H1N1\).](#)

Clin Infect Dis: [Serum Antibody Response to the Novel Influenza A \(H1N1\) Virus in the Elderly.](#)

Curr Microbiology: [Anti N1 Cross-Protecting Antibodies Against H5N1 Detected in H1N1 Infected People.](#)

Emerg Infect Dis: [Household Responses to Pandemic \(H1N1\) 2009–related School Closures, Perth, Western Australia](#)

[Employment and Compliance with Pandemic Influenza Mitigation Recommendations](#)

## News -----

ECDC: [H1N1 declining in most of Europe, ECDC says](#)

# 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](mailto:gregory-gray@uiowa.edu)
- [ONGOING] "H1N1 and Pregnancy: Key Considerations for Vaccination and Management": Online learning program for health professionals
- 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

- [DEC 16] **Topic: A SPECIAL FLU.GOV WEBCAST FOR HEALTH CARE PROVIDERS**  
Join experts from the U.S. Department of Health and Human Services and the former president of the American Medical Association answer your questions about the H1N1 virus and vaccine. Hosted by the U.S. Department of Health and Human Services, **the show airs live** on [www.flu.gov](http://www.flu.gov).
- [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 18] [Ontario Influenza Bulletin Surveillance Week 49 \(December 06, 2009–December 12, 2009\)](#)
- [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 14] [Ontario Agency for Health Protection and Promotion Laboratory Pandemic H1N1 Surveillance Report December 7<sup>th</sup>](#)
- [DEC 09] [Weekly Synthesis of Surveillance Information, Literature & Government Updates \(Week ending Dec 4, 2009\)](#)
- [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.*

- [DEC 23] [Deaths Associated with H1N1 flu virus in Canada](#)
- New deaths reported Dec 17 – Dec 23 11h00 EDT: 4
  - Cumulative total: 401
- [DEC 18] [FluWatch: December 6, 2009 to December 12, 2009](#)
- [DEC 18] [Vaccine Surveillance Report](#)
- [ARCHIVED] [Previous PHAC documents and updates](#)

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



- [DEC 28] [UPDATE: 2009 H1N1 Flu International Situation Update](#)  
This report provides an update to the international situation as of December 28, 2009. The World Health Organization (WHO) continues to report updated 2009 H1N1 flu-associated laboratory-confirmed cases and deaths on its Web page.



- [DEC 28] [UPDATED: Antiviral Drugs for the 2009-2010 Influenza Season](#)  
This podcast discusses the use of antiviral drugs for the treatment and prevention of influenza, including 2009 H1N1, during the 2009-2010 influenza season.
- [DEC 24] [UPDATED: Laboratory Confirmed Influenza-Associated Hospitalizations and Deaths from August 30 to December 19, 2009](#)
- [DEC 23] [CDC: 2009 H1N1 Influenza Vaccination Coverage Survey for Dec 6-12](#)
- [DEC 23] [NEW: Voluntary Non-Safety-Related Recall of Specific Lots of Nasal Spray Vaccine for 2009 H1N1 Influenza](#)
- [DEC 22] [Treat Dry Cough](#)
- [DEC 22] [Treat Other Flu Symptoms](#)

- [DEC 22] [Treat Fever](#)
- [DEC 22] [When to Get Medical Help for Fluid Loss](#)
- [DEC 22] [Check for Fluid Loss](#)
- [DEC 22] [Tips to Prevent Fluid Loss \(Dehydration\)](#)
- [DEC 22] [Flu Germs are Spread from Person to Person](#)
- [DEC 22] [Know the Emergency Warning Signs](#)
- [DEC 22] [Know the Symptoms of Flu](#)
- [DEC 22] [2009 H1N1 Flu May Be More Serious for Some](#)
- [DEC 22] [About 2009 H1N1 Flu](#)
- [DEC 22] [UPDATED: What You Should Know and Do this Flu Season If You Are 65 Years and Older](#)
- [DEC 21] [Update: FDA-Issued rRT-PCR Swine Flu Panel \(also referred to as Swine Flu Test Kit\) Fact Sheet for Patients \(PDF\)](#)
- [DEC 21] [Update: FDA-Issued rRT-PCR Swine Flu Panel \(also referred to as Swine Flu Test Kit\) Fact Sheet for Health Care Providers \(PDF\)](#)
- [DEC 21] [Update: FDA-Issued rRT-PCR Swine Flu Panel \(also referred to as Swine Flu Test Kit\) EUA Letter \(PDF\)](#)
- [DEC 21] [UPDATED: Vaccine Information for Clinicians and Health Care Professionals](#)
- [ARCHIVED] [Previous CDC documents and updates](#)

## Other US Sources

- [DEC 23] [FDA Approves High Dose Seasonal Influenza Vaccine for People Ages 65 and Older](#)

## Center for Infectious Disease Research and Policy



- [DEC 28] [CDC sees further drop in flu-related doctors' visits, deaths](#)  
Pandemic flu activity continued its decline the week of Dec 13 to 19, with only seven states reporting widespread cases, down from 11 the week before, the US Centers for Disease Control and Prevention (CDC) reported on Dec 24. Flu and pneumonia

mortality dipped below the epidemic threshold for the first time in several weeks, and outpatient visits for flulike illness dropped to the national baseline. Nine pediatric flu deaths were reported, the same as the previous week. [[Latest CDC Flu View update](#)]



[DEC 28]

### [H1N1 declining in most of Europe, ECDC says](#)

Flu H1N1 virus activity is still declining in Europe, except in the southeast, the European Centre for Disease Prevention and Control (ECDC) reported today. Deaths are increasing in Central and Eastern Europe. The report for the week ending Dec 20 also comments on the D222G/D222N virus mutations, which have been seen in some severe cases. The ECDC said the mutations also have been found in mild cases and that they represent a natural variation likely to have little impact on public health. [[Dec 28 ECDC report](#)]

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

## Health Protection Agency (UK)

[DEC 24] [Weekly Pandemic Flu Media Update](#)

### KEY POINTS

- The consultation rate for flu-like illness in England from the Royal College of General Practitioners (RCGP) scheme has decreased to 24.7 per 100,000 in week 51 compared to 29.7 in week 50. This is below the English baseline threshold of 30/100,000.
- Most indicators show that swine flu activity is continuing to decrease across the UK.
- The estimated cases self referring to the National Pandemic Flu Service have shown decreases in all areas of assessments, authorisations and collections. This is across all regions and all 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 6,000 new cases in England last week (range 3,000 to 13,000) which represents a small decrease from the previous week.  
*This estimate incorporates data from National Pandemic Flu Service and GP consultations.*

[DEC 24] [Weekly Epidemiological Update: 17 December 2009 \(Week 51\)](#)

### Summary for 24 December 2009 (Week 52)

- Pandemic influenza activity is decreasing across the UK.
- In week 51 (ending 20 December), the weekly influenza/influenza-like illness (ILI) consultation rate decreased, remaining below baseline levels in England, Wales and Northern Ireland; it increased slightly in Scotland.
- The [National Pandemic Flu Service](#) (NPFS) continues to issue antiviral drugs to people in England with an influenza-like illness who call or log onto the internet site. The number of assessments and antiviral collections through this service have decreased over the past week.
- The increase in respiratory syncytial virus detections observed in recent weeks has slowed and may be declining. [*for more updates, click on the link above*]

[DEC 22] Update to [Swine Flu: Frequently Asked Questions](#)

[ARCHIVED] [Swine Influenza page](#)

## Department of Health (UK)

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

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

*During the Holiday Period (24 December, 2009 to 3 January, 2010) and the following week (4-8 January, 2010), ECDC will follow a modified weekday publication schedule for the regular ECDC 2009 influenza A (H1N1) pandemic newsletters. The regular schedule for the ECDC 2009 influenza A (H1N1) pandemic newsletters will resume on Monday the 11<sup>th</sup> January, 2010.*



[DEC 29] [Daily update – Pandemic H1N1 2009 \(Dec 29 2009\)](#)

- United States reports for the week 50 a continued decrease of influenza activity. Also visits to doctors for influenza-like illness, flu-associated hospitalizations, and flu-associated deaths all declined from the previous week. In week fifty there have been 9 deaths in children attributed to influenza bringing the total to 221 since late august
- The seventh Harvard pandemic survey has found that immunisation uptake in the United States has increased substantially recently, especially in children among whom it is estimated that 38% have now been immunised. Just over half of Adults state they do not intend to be immunised and 35% of parents stated they did not intend to have their children immunised.
- A total of 1 832 fatal cases in Europe and EFTA countries and 10 944 in the rest of the world have been reported up to date.



[DEC 28] [Daily update – Pandemic H1N1 2009 \(Dec 28 2009\)](#)

Main developments in the past five days:

- Weekly Influenza Surveillance Overview published December 24th and covering Week 51 (Dec 14th to 20th) found that most reporting countries were observing declining trends with the most reported influenza activity being in South Eastern Europe
- A total of 1 803 fatal cases in Europe and EFTA countries and 10 879 in the rest of the world have been reported up to date.
- ECDC published a summary on the D222G/D222N mutations in the pandemic virus

[DEC 24] [Weekly Influenza Surveillance Overview Week 51\(Dec 14-20\)](#)

[DEC 23] [2009 pandemic influenza A\(H1N1\) virus mutations reported to be associated with severe disease](#)

[DEC 23] [A cluster of oseltamivir resistant 2009 pandemic influenza A\(H1N1\) viruses was reported in Viet Nam. No evidence of further community transmission of resistant viruses](#)

[DEC 21] [ECDC Executive Update Pandemic influenza \(H1N1\) 2009 Issue 23 Monday, 14 December 2009](#)

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

## European Union

[ARCHIVE] [European Union Influenza H1N1 page](#)

## Pan-American Health Organization (PAHO)

[DEC 24] [Regional Update. Pandemic \(H1N1\) 2009 \(Dec 22\)](#)

- In North America, acute respiratory disease activity continued to decrease and is lower than expected in some areas
- In the Caribbean, all countries reported unchanged and decreasing trends in acute respiratory disease, except Barbados, which reported an increasing trend
- Central America reported decreasing or unchanged trends in acute respiratory disease
- All South American countries reported a decreasing or unchanged trend of acute respiratory disease, except Ecuador which reported an increasing trend
- A median of 99.3% of subtyped influenza A viruses in North America were pandemic (H1N1) 2009
- 335 new confirmed deaths in 10 countries were reported; in total there have been 6,670 cumulative confirmed deaths

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

## Australia and New Zealand

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



[DEC 28] [Australian Influenza Surveillance Summary Report No.32, 2009, Reporting Period: 12 December 2009 – 18 December 2009](#)

As at 18 December 2009, there have been 37,537 confirmed cases of pandemic (H1N1) 2009 and 191 deaths reported in Australia.

[DEC 23] [New Zealand Pandemic Influenza \(H1N1\) 09 Swine Flu - Update 166](#)

[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 23] [Pandemic \(H1N1\) 2009 vaccine deployment update](#)

[DEC 23] [Pandemic \(H1N1\) 2009 - update 80](#)

[DEC 22] [Comparing deaths from pandemic and seasonal influenza](#)  
Pandemic (H1N1) 2009 briefing note 20



[DEC 21] [Transcript of the 17 December 2009 press briefing](#)

[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 29] [Calculating the potential for within-flight transmission of influenza A \(H1N1\).](#)

Wagner BG, Coburn BJ, Blower S. BMC Med. 2009 Dec 24;7(1):81. [Epub ahead of print]



[DEC 29] [Serum Antibody Response to the Novel Influenza A \(H1N1\) Virus in the Elderly.](#)

Jiang T, Li X, Liu W, Yu M, Liu J, Yu X, et al. Clin Infect Dis. 2010 Jan 15;50(2):285-6.



[DEC 29] [Anti N1 Cross-Protecting Antibodies Against H5N1 Detected in H1N1 Infected People.](#)

Frobert E, Bouscambert-Duchamp M, Escuret V, Mundweiler S, Barthélémy M, Morfin F, et al. Curr Microbiol. 2009 Dec 25. [Epub ahead of print]



[DEC 29] [Household Responses to Pandemic \(H1N1\) 2009–related School Closures, Perth, Western Australia](#)

P.V. Effler et al. Emerg Infect Dis



[DEC 29] [Employment and Compliance with Pandemic Influenza Mitigation Recommendations](#)

K.D. Blake et al. Emerg Infect Dis



[DEC 29] [Serologic Cross-Reactivity with Pandemic \(H1N1\) 2009 Virus in Pigs, Europe.](#)

Kyriakis CS, Olsen CW, Carman S, Brown IH, Brookes SM, Doorselaere JV, Reeth KV. Emerg Infect Dis. 2010 Jan;16(1):96-9.



[DEC 29] [Severe Pneumonia Associated with Pandemic \(H1N1\) 2009 Outbreak, San Luis Potosi, Mexico.](#)

Gomez-Gomez A, Magana-Aquino M, Garcia-Sepulveda C, Ochoa-Perez UR, Falcon-Escobedo R, Comas-Garcia A, et al. Emerg Infect Dis. 2010 Jan;16(1):27-34.



[DEC 29] [Epidemiology of Travel-associated Pandemic \(H1N1\) 2009 Infection in 116 Patients, Singapore.](#)

Mukherjee P, Lim PL, Chow A, Barkham T, Seow E, Win MK, et al. Emerg Infect Dis. 2010 Jan;16(1):21-6.



[DEC 29] [Laboratory Surge Response to Pandemic \(H1N1\) 2009 Outbreak, New York City Metropolitan Area, USA.](#)

Crawford JM, Stallone R, Zhang F, Gerolimos M, Korologos DD, Sweetapple C, et al. Emerg Infect Dis. 2010 Jan;16(1):8-13.



[DEC 29] [Egg allergy and influenza vaccination.](#)

Settipane RA, Siri D, Bellanti JA. Allergy Asthma Proc. 2009 Nov-Dec;30(6):660-5.

[DEC 24] [Cytokine Profiles Induced by the Novel Swine-Origin Influenza A/H1N1 Virus: Implications for Treatment Strategies](#)

Woo PCY, Tung ETK, Chan KH, Lau CCY, Lau SKP, Yuen KY. The Journal of Infectious Diseases 2010;201:000–000 DOI: 10.1086/649785

[DEC 24] Correspondence: [Intravenous Zanamivir for Oseltamivir-Resistant 2009 H1N1 Influenza](#)

Published at www.nejm.org December 23, 2009 (10.1056/NEJMc0910893)

[DEC 24] [Severe 2009 H1N1 Influenza in Pregnant and Postpartum Women in California](#)

Louie JK, Acosta M, Jamieson DJ, Honein MA for the California Pandemic (H1N1) Working Group. Published at www.nejm.org December 23, 2009 (10.1056/NEJMoa0910444)

[DEC 24] [Pediatric Hospitalizations Associated with 2009 Pandemic Influenza A \(H1N1\) in Argentina](#)

Libster R, Bugna J, Coviello S, Hijano DR, Dunaiewsky M, Reynoso N. Published at www.nejm.org December 23, 2009 (10.1056/NEJMoa0907673)

- [DEC 24] [Clinical research ethics for critically ill patients: A pandemic proposal.](#)  
Cook D, Burns K, Finfer S, Kissoon N, Bhagwanjee S, Annane D, et al. Crit Care Med. 2009 Dec 19. [Epub ahead of print]PMID: 20029349
- [DEC 24] [Clinical characteristics of the H1N1 virus.](#)  
Abbas SA. Thorax. 2010 Jan;65(1):38. No abstract available. PMID: 20029036
- [DEC 24] [Detection of molecular markers of drug resistance in the 2009 pandemic influenza A \(H1N1\) viruses using pyrosequencing.](#)  
Deyde VM, Sheu TG, Trujillo AA, Okomo-Adhiambo M, Garten R, Klimov AI, Gubareva LV. Antimicrob Agents Chemother. 2009 Dec 22. [Epub ahead of print]PMID: 20028826
- [DEC 24] [ASID \(HICSIG\) position statement: infection control guidelines for patients with influenza-like illnesses, including pandemic \(H1N1\) influenza 2009, in Australian health care facilities.](#)  
Stuart RL, Cheng AC, Marshall CL, Ferguson JK. Med J Aust. 2009 Dec 1-15;191(11-12):667. No abstract available. PMID: 20028302
- [DEC 24] [Simultaneous epidemics of influenza and malaria in the Australian Army in Palestine in 1918.](#)  
Shanks GD. Med J Aust. 2009 Dec 1-15;191(11-12):654-7.PMID: 20028296
- [DEC 24] [Trust Across Borders: Responding to 2009 H1N1 Influenza in the Middle East.](#)  
Gresham L, Ramlawi A, Briski J, Richardson M, Taylor T. Biosecur Bioterror. 2009 Dec;7(4):399-404.PMID: 20028248
- [DEC 24] [\[743 New York Emergency Room rotation under the threat of swine flu\]](#)  
Shallom G, Sagy I. Harefuah. 2009 Nov;148(11):743-4. Hebrew. No abstract available. PMID: 20027972
- [DEC 24] [\[Influenza A/H1N1 in Israel--clinical and epidemiological characteristics\]](#)  
Balicer RD, Anis E, Goldmann D, Dahan D, Singer R, Grotto I. Harefuah. 2009 Nov;148(11):738-42, 795. Hebrew. PMID: 20027971
- [DEC 24] [Influenza epidemiology-past, present, and future.](#)  
Lagacé-Wiens PR, Rubinstein E, Gumel A. Crit Care Med. 2009 Dec 19. [Epub ahead of print]PMID: 20029350
- [DEC 23] [Immunogenicity and safety in adults of one dose of influenza A H1N1v 2009 vaccine formulated with and without AS03<sub>A</sub>-adjuvant: Preliminary report of an observer-blind, randomized trial \\*](#)  
Roman F, Vaman T, Gerlach B, Markendorf A, Gillard P, Devaster JM. Vaccine, Article in Press, Uncorrected Proof. doi:10.1016/j.vaccine.2009.12.014
- [DEC 23] [Intent to Receive Influenza A \(H1N1\) 2009 Monovalent and Seasonal Influenza Vaccines --- Two Counties, North Carolina, August 2009](#)  
MMWR December 25, 2009 / 58(50);1401-1405

- [DEC 23] [Impact of Seasonal Influenza-Related School Closures on Families --- Southeastern Kentucky, February 2008](#)  
MMWR December 25, 2009 / 58(50);1405-1409
- [DEC 23] [Breaking the Waves: Modelling the Potential Impact of Public Health Measures to Defer the Epidemic Peak of Novel Influenza A/H1N1.](#)  
An der Heiden M, Buchholz U, Krause G, Kirchner G, Claus H, Haas WH. PLoS One. 2009 Dec 21;4(12):e8356.PMID: 20027293 [PubMed - in process]
- [DEC 23] [Pandemic Influenza H1N1 2009, Innate Immunity, and the Impact of Immunosenescence on Influenza Vaccine.](#)\*  
Joshi SR, Shaw AC, Quagliarello VJ. Yale J Biol Med. 2009 Dec;82(4):143-51.PMID: 20027279 [PubMed - in process]
- [DEC 23] [Human host factors required for influenza virus replication.](#)  
König R, Stertz S, Zhou Y, Inoue A, -Heinrich Hoffmann H, Bhattacharyya S, et al. Nature. 2009 Dec 21. [Epub ahead of print]PMID: 20027183 [PubMed - as supplied by publisher]
- [DEC 23] [H1N1 Influenza in Pregnancy: Cause for Concern.](#)\*  
Spradlin TL, Clardy BH, Payne EM, Vinson J. Obstet Gynecol. 2010 Jan;115(1):185. No abstract available. PMID: 20027058 [PubMed - in process]
- [DEC 23] [H1N1 Influenza in Pregnancy: Cause for Concern.](#)\*  
Saleeby E, Chapman J, Morse JE, Bryant A. Obstet Gynecol. 2010 Jan;115(1):185-6. No abstract available. PMID: 20027057 [PubMed - in process]
- [DEC 23] [H1N1 Vaccine for Prevention of Pandemic Influenza.](#)\*  
[No authors listed] Obstet Gynecol. 2010 Jan;115(1):173-4. No abstract available. PMID: 20027051 [PubMed - in process]
- [DEC 23] [Pandemic influenza A \(H1N1\) 2009: the experience of the first six months.](#)\*  
Maritz J, Maree L, Preiser W. Clin Chem Lab Med. 2009 Dec 22. [Epub ahead of print]PMID: 20025556 [PubMed - as supplied by publisher]
- [DEC 23] [Pandemic influenza dynamics and the breakdown of herd immunity.](#)  
Katriel G, Stone L. PLoS Curr Influenza. 2009 Oct 1:RRN1046.PMID: 20025204 [PubMed - as supplied by publisher]
- [DEC 23] [Point of Care strategy for rapid diagnosis of novel A/H1N1 influenza virus.](#)  
Nougairede A, Ninove L, Zandotti C, De Lamballerie X, Gazin C, Drancourt M, et al. PLoS Curr Influenza. 2009 Sep 21:RRN1039.PMID: 20025202 [PubMed - as supplied by publisher]
- [DEC 23] [Behavioural responses to influenza pandemics: What do we know?](#)  
Balinska M, Rizzo C. PLoS Curr Influenza. 2009 Sep 9:RRN1037.PMID: 20025201 [PubMed - as supplied by publisher]

- [DEC 23] [Social versus independent interest in 'bird flu' and 'swine flu'](#)  
Bentley RA, Ormerod P. PLoS Curr Influenza. 2009 Sep 3:RRN1036.PMID: 20025200 [PubMed - as supplied by publisher]
- [DEC 23] [Spatiotemporal dynamics in the early stages of the 2009 A/H1N1 influenza pandemic.](#)  
Jombart T, Eggo RM, Dodd P, Balloux F. PLoS Curr Influenza. 2009 Aug 31:RRN1026.PMID: 20025199 [PubMed - as supplied by publisher]
- [DEC 23] [Swine origin influenza A \(H1N1\) virus and ICU capacity in the US: Are we prepared?](#)  
Zilberberg MD, Sandrock C, Shorr A. PLoS Curr Influenza. 2009 Aug 22:RRN1009.PMID: 20025198 [PubMed - as supplied by publisher]
- [DEC 23] [Transmission of influenza virus in temperate zones is predominantly by aerosol, in the tropics by contact: A hypothesis.](#)  
Lowen A, Palese P. PLoS Curr Influenza. 2009 Aug 17:RRN1002.PMID: 20025197 [PubMed - as supplied by publisher]
- [DEC 23] [Adaptive vaccination strategies to mitigate pandemic influenza: Mexico as a case study.](#)  
Chowell G, Viboud C, Wang X, Bertozzi S, Miller M. PLoS Curr Influenza. 2009 Aug 17:RRN1004.PMID: 20025196 [PubMed - as supplied by publisher]
- [DEC 23] [The early molecular epidemiology of the swine-origin A/H1N1 human influenza pandemic.](#)  
Rambaut A, Holmes E. PLoS Curr Influenza. 2009 Aug 18:RRN1003.
- [DEC 23] [Next Generation Syndromic Surveillance: Molecular Epidemiology, Electronic Health Records and the Pandemic Influenza A \(H1N1\) Virus.](#)  
Rabadan R, Calman Md N, Hripcsak G. PLoS Curr Influenza. 2009 Aug 22:RRN1012.PMID: 20025193 [PubMed - as supplied by publisher]
- [DEC 22] [Clinical course of severe influenza-A/H1N1 infection with fulminant lung failure.\\*](#)  
Alb M, Thiel M, Kalenka A. Dtsch Med Wochenschr. 2010 Jan;135(1/02):40-42. Epub 2009 Dec 18. No abstract available. PMID: 20024884 [PubMed - as supplied by publisher]
- [DEC 22] [Studies needed to address public health challenges of the 2009 H1N1 influenza pandemic: insights from modeling.](#)  
The WHO Informal Network for Mathematical Modelling for Pandemic Influenza H1N1 2009 (Working Group on Data Needs). PLoS Curr Influenza. 2009 Dec 16:RRN1135.PMID: 20023711 [PubMed - as supplied by publisher]
- [DEC 22] [Clinical Management of Pandemic \(H1N1\) Infection.\\*](#)  
Hui DS, Lee N, Chan PK. Chest. 2009 Dec 18. [Epub ahead of print] PMID: 20022969 [PubMed - as supplied by publisher]
- [DEC 22] [How necessary is a fast testkit for mitigation of pandemic flu?\\*](#)  
Chin J, Koh G, Lee DY. J R Soc Interface. 2009 Dec 18. [Epub ahead of print] PMID: 20022897 [PubMed - as supplied by publisher]

- [DEC 22] [\[So, doctor, should I take the pandemic flu shot?\]\\*](#)  
Hanslik T, Kerneis S. Rev Med Interne. 2009 Dec 17. [Epub ahead of print] French. No abstract available. PMID: 20022413 [PubMed - as supplied by publisher]
- [DEC 22] [The pandemic influenza planning process in Ontario acute care hospitals.\\*](#)  
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- [NOV 19] [Travel Health Notice: Global H1N1 flu virus](#)
- [OCT 29] [H1N1 Backgrounder: Planes, Trains, Ferries and Buses—Advice for Travellers, Crews and Operators](#)
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