

pH1N1 Flu Virus (Human Swine Influenza) Information Resources

Current as of January 4, 2010 at 4pm

Highlights

CDC: [UPDATE: Weekly FluView Map and Surveillance Report for Week Ending December 26, 2009](#)

[UPDATED: Laboratory Confirmed Influenza-Associated Hospitalizations and Deaths from August 30 to December 26, 2009](#)

Literature -----

Lancet: Comment: [Defining the safety profile of pandemic influenza vaccines*](#)

Comment [Large trials confirm immunogenicity of H1N1 vaccines*](#)

[Immune response after a single vaccination against 2009 influenza A H1N1 in USA: a preliminary report of two randomised controlled phase 2 trials*](#)

[Safety and immunogenicity of a 2009 pandemic influenza A H1N1 vaccine when administered alone or simultaneously with the seasonal influenza vaccine for the 2009—10 influenza season: a multicentre, randomised controlled trial*](#)

[Safety and immunogenicity of 2009 pandemic influenza A H1N1 vaccines in China: a multicentre, double-blind, randomised, placebo-controlled trial*](#)

News -----

CIDRAP: [Pneumococcus infection boosts risk of severe illness in H1N1 patients](#)

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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](#)
[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 \(WHO\)](#)
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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
- [ONGOING] "H1N1 and Pregnancy: Key Considerations for Vaccination and Management": Online learning program for health professionals
- To access the program:
www.mdBriefCase.com (for physicians)
www.rxBriefCase.com (for pharmacists)
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.
- [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 29] [Ontario Influenza Bulletin Surveillance Week 49 \(December 13, 2009–December 19, 2009\)](#)
Note : The Influenza Bulletin provides information based on the surveillance period from **December 13 to December 19, 2009**. Case counts from the previous week are submitted to the ministry by public health units every Tuesday.

Note : The next Ontario Influenza Bulletin covering weeks 51 and 52 (Dec. 20 to Jan. 2) will be published on Jan. 8, 2010.

For the surveillance period of December 13 to December 19, 2009 :

- Influenza activity in Ontario was lower compared to the previous week.
- Slightly fewer patients reporting influenza-like symptoms consulted sentinel physicians this week than the previous week.
- The rate of influenza-like illness (ILI) in patients seen by sentinel physicians is similar to what is expected based on the average rate at this time of year for past seasons.
- No health units reported widespread influenza activity or localized influenza activity for the current reporting week. Nine health units reported sporadic influenza activity.
- There are 8,733 confirmed cases of H1N1 flu virus reported through the integrated Public Health System (iPHIS).

[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 7th](#)

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

- New deaths reported Dec 23 – Dec 30 11h00 EDT: 9
- Cumulative total: 410

[DEC 23] [Vaccine Surveillance Report](#)

[DEC 18] [FluWatch: December 6, 2009 to December 12, 2009](#)

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

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



[DEC 31] [UPDATE: Weekly FluView Map and Surveillance Report for Week Ending December 26, 2009](#)

During week 51 (December 20-26, 2009), influenza activity decreased slightly in the U.S. 154 (3.9%) 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. Four states reported geographically widespread influenza activity, 13 states reported regional influenza activity, the District of Columbia, Puerto Rico, and 19 states reported local influenza activity, Guam and 13 states reported sporadic influenza activity, and one state reported no influenza activity, the U.S. Virgin Islands did not report.



[DEC 31] [UPDATED: Laboratory Confirmed Influenza-Associated Hospitalizations and Deaths from August 30 to December 26, 2009](#)

Overall flu activity decreased slightly in the United States during the week of December 20-26, 2009, as reported in FluView. The number of states reporting widespread flu activity decreased from 7 to 4. The number of visits to doctors for influenza-like illness increased, although the proportion of tests for influenza that were positive continued to decline and the overall hospitalization rates for this season were unchanged from the previous week. Flu-associated deaths among all ages increased from the previous week, but fewer deaths in children were reported compared to the prior week (4 versus 9). Flu is unpredictable and activity can rise and fall throughout the season, but flu is likely to continue for months, caused by either 2009 H1N1 viruses or regular seasonal flu viruses.

[DEC 28] [UPDATE: 2009 H1N1 Flu International Situation Update](#)

[DEC 28] [UPDATED: Antiviral Drugs for the 2009-2010 Influenza Season](#)

[DEC 24] [UPDATED: Laboratory Confirmed Influenza-Associated Hospitalizations and Deaths from August 30 to December 19, 2009](#)

[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 31] [Pneumococcus infection boosts risk of severe illness in H1N1 patients](#)

Maryn McKenna ■ Contributing Writer (CIDRAP News) – H1N1 flu patients who were also infected with a common cause of pneumonia were 125 times more likely to develop life-threatening disease, a team of American and Argentinean researchers reported Thursday. The association between severe disease and coinfection with

Streptococcus pneumoniae was so strong, especially among those not in high-risk groups, that the researchers do rapid strep tests on flu patients to identify the bacteria's presence in time to ramp up their care.



[DEC 31]

[CDC: Flu indicators for Christmas week were mixed](#)

Only four US states had widespread flu activity last week, down from seven the week before, the Centers for Disease Control and Prevention (CDC) said today. However, outpatient medical visits for flu-like illness, which were at the national baseline the previous week, edged back above that level, reaching 3.2%. Also, deaths due to pneumonia and flu climbed back above the epidemic threshold. There were four flu-related deaths in children, down from nine the previous week. [[CDC FluView report](#)]



[DEC 31]

[China advises delaying pregnancy till pandemic over](#)

Women in China are being advised by the country's health ministry to wait to become pregnant until the risk of pandemic H1N1 influenza lessens, according to a Xinhua article today. Women are encouraged to avoid others with flu symptoms, stay away from crowds, keep offices and apartments well ventilated, and wear masks when outside. Nearly 14% of H1N1 deaths in mainland China have been in pregnant women. The country provides free vaccination for all pregnant women and new mothers. [[Dec 31 Xinhua article](#)]



[DEC 31]

[Japan to study whether H1N1 vaccine is risky for chronically ill](#)

Japan's ministry of health announced Wednesday that it will begin an epidemiologic study next spring to evaluate whether pandemic H1N1 flu vaccination can increase the risk of death in people with serious chronic diseases, says a Kyodo News story. Of people in Japan vaccinated with domestically produced H1N1 vaccine, 104 have died, about 80% of whom were 70 years of age or older and had chronic diseases. Almost 1,900 cases of vaccination side effects have been reported. [[Dec 30 Japan Times article](#)]



[DEC 31]

[Bowl games will feature HHS message urging vaccination](#)

Viewers of four college football bowl games over the New Year's holiday will see an ad encouraging Americans, especially young people, to be vaccinated against H1N1 flu, the Department of Health and Human Services (HHS) announced today. The HHS spot will run during the Outback Bowl, Gator Bowl, Valero Alamo Bowl, and GMAC Bowl telecasts. The ad is aimed at young people because they have been hit hard by the virus, the HHS statement said. [[Dec 31 HHS press release](#)]

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

Health Protection Agency (UK)

[DEC 31]

[Weekly Pandemic Flu Media Update](#)

KEY POINTS

- Most indicators show that flu activity is continuing to decrease across the UK. Some caution must be exercised, however, as the indicators may be influenced by the holiday period.
- The consultation rate for flu-like illness in England from the Royal College of General Practitioners (RCGP) scheme has decreased to 12.7 per 100,000 in week 52 compared to 24.7 in week 51. This is below the English baseline threshold of 30/100,000.

- 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.

[DEC 31] [Weekly Epidemiological Update: 31 December 2009 \(Week 53\)](#)

[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



[JAN 04] [Daily update – Pandemic H1N1 2009 \(Jan 04 2010\)](#)

- A total of 1,934 fatal cases in Europe and EFTA countries been reported up to date;
- France is reported to be making its excess pandemic vaccine available in addition to Germany and the Netherlands;
- ECDC influenza pandemic team is wishing all of you a happy new year.

Update and WISO for Holiday period;

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 11th January, 2010.

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

[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](#)
Note - This is the last update for 2009. Pandemic Influenza Updates will resume on Weds 13 January 2010

[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 30] [Pandemic \(H1N1\) 2009 - update 81](#)

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

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

[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)



[JAN 04] Comment: [Defining the safety profile of pandemic influenza vaccines*](#)
Pfeifer D, Alfonso C, Wood D. The Lancet 2010 Jan 2;375(9708): 9 – 11. doi:10.1016/S0140-6736(09)62133-4



[JAN 04] Comment InFACT: a global critical care research response to H1N1*
The InFACT Global H1N1 Collaboration The Lancet 2010 Jan 2;375(9708): 11-13. doi:10.1016/S0140-6736(09)61792-X



[JAN 04] Comment [Large trials confirm immunogenicity of H1N1 vaccines*](#)
Kelly H, Barr I. The Lancet 2010 Jan 2;375(9708): 6-9. doi:10.1016/S0140-6736(09)62132-2



[JAN 04] [Immune response after a single vaccination against 2009 influenza A H1N1 in USA: a preliminary report of two randomised controlled phase 2 trials*](#)
Plennevaux E, Sheldon E, Blatter M, Reeves-Hoché MK, M. The Lancet 2010 Jan 2;375(9708): 41-48. doi:10.1016/S0140-6736(09)62026-2



[JAN 04] [Safety and immunogenicity of a 2009 pandemic influenza A H1N1 vaccine when administered alone or simultaneously with the seasonal influenza vaccine for the 2009—10 influenza season: a multicentre, randomised controlled trial*](#)
Vajo Z, Tamas F, Sinka L, Jankovics I. The Lancet 2010 Jan 2;375(9708):49-55. doi:10.1016/S0140-6736(09)62039-0



- [JAN 04] [Safety and immunogenicity of 2009 pandemic influenza A H1N1 vaccines in China: a multicentre, double-blind, randomised, placebo-controlled trial*](#)
Liang XF, Wang HQ, Wang JZ, Fang HH, Wu J, Zhu FC, et al. The Lancet 2010 Jan 2;375(9708):56 – 66. doi:10.1016/S0140-6736(09)62003-1
- [DEC 31] [Outbreak of 2009 Pandemic Influenza A \(H1N1\) at a New York City School](#)
Lessler J, Reich NG, Cummings DAT, and the New York City Department of Health and Mental Hygiene Swine Influenza Investigation Team. NEJM 2009 Dec 31: 361(27); 2619-2627.
- [DEC 31] [Household Transmission of 2009 Pandemic Influenza A \(H1N1\) Virus in the United States](#)
Cauchemez S, Donnelly CA, Reed C, Ghani AC, Fraser C, Kent CK, et al. NEJM 2009 Dec 31: 361(27); 2619-2627.
- [DEC 30] [A Novel Type of Influenza Vaccine: Safety and Immunogenicity of Replication-Deficient Influenza Virus Created by Deletion of the Interferon Antagonist NS1*](#)
Wacheck V, Egorov A, Groiss F, Pfeiffer A, Fuereder T, Hoeflmayer D, et al., for the FluVacc European Union consortium. The Journal of Infectious Diseases 2010;201:000–000. DOI: 10.1086/649428
- [DEC 30] [A high dosage influenza vaccine induced significantly more neuraminidase antibody than standard vaccine among elderly subjects*](#)
Cate TR, Rayford Y, Niño D, Winokur P, Brady R, Belshe R, et al. Vaccine. Electronic prepub. doi:10.1016/j.vaccine.2009.12.041.
- [DEC 30] [Letter to the Editor : Expected and unexpected adverse effects H1N1 vaccination for health care workers in a university hospital *](#)
Aurelien Dinh^c, Christine Lawrence^d, Jérôme Salomon^{a, b} and Alexis Descatha. Vaccine. Electronic prepub. doi:10.1016/j.vaccine.2009.12.030
- [DEC 30] [Humoral responses after influenza vaccination are severely reduced in patients with rheumatoid arthritis treated with rituximab.*](#)
van Assen S, Holvast A, Benne CA, Posthumus MD, van Leeuwen MA, Voskuyl AE, et al. Arthritis Rheum. 2009 Dec 28;62(1):75-81. [Epub ahead of print]
- [DEC 30] [\[Swine flu \(H1N1\) pandemic: challenges and repercussions for the health care system.\]*](#)
Astray Mochales J, Lópaz Pér MA. Farm Hosp. 2009 Nov-Dec;33(6):293-5. Spanish. No abstract available. PMID: 20038387 [PubMed - in process]
- [DEC 30] [Molecular prediction of oseltamivir efficiency against probable influenza A \(H1N1-2009\) mutants: molecular modeling approach.*](#)
Rungrotmongkol T, Malaisree M, Nunthaboot N, Sompornpisut P, Hannongbua S. Amino Acids. 2009 Dec 27. [Epub ahead of print] PMID: 20037767 [PubMed - as supplied by publisher]

- [DEC 30] [Evaluation of the efficacy and cross-protectivity of recent human and swine vaccines against the pandemic \(H1N1\) 2009 virus infection.](#)
Pascua PN, Song MS, Lee JH, Park KJ, Kwon HI, Baek YH, et al. PLoS One. 2009 Dec 23;4(12):e8431.PMID: 20037716
- [DEC 30] [Effect of the novel influenza A \(H1N1\) virus in the human immune system.](#)
Giamarellos-Bourboulis EJ, Raftogiannis M, Antonopoulou A, Baziaka F, Koutoukas P, Savva A, et al. PLoS One. 2009 Dec 23;4(12):e8393.PMID: 20037642
- [DEC 30] [Broad-spectrum and virus-specific nucleic acid-based antivirals against influenza.*](#)
Wong JP, Christopher ME, Salazar AM, Sun LQ, Viswanathan S, Wang M, et al. Front Biosci (Schol Ed). 2010 Jan 1;2:791-800.PMID: 20036985
- [DEC 30] [Predictors and Outcomes of Respiratory Failure among Hospitalized Pneumonia Patients with 2009 H1N1 Influenza in Taiwan.*](#)
Chien YS, Su CP, Tsai HT, Huang AS, Lien CE, Hung MN, et al. J Infect. 2009 Dec 24. [Epub ahead of print]
- [DEC 30] [The experiences of health care workers employed in an Australian intensive care unit during the H1N1 Influenza pandemic of 2009: A phenomenological study.*](#)
Corley A, Hammond NE, Fraser JF. Int J Nurs Stud. 2009 Dec 24. [Epub ahead of print]
- [DEC 30] [Emergency Calls for Swine Flu: How to Deal with Nuisance Calls?*](#)
Wiwanitkit V. J Emerg Med. 2009 Dec 23. [Epub ahead of print]
- [DEC 30] [Simulating School Closure Strategies to Mitigate an Influenza Epidemic.*](#)
Lee BY, Brown ST, Cooley P, Potter MA, Wheaton WD, Voorhees RE, et al. J Public Health Manag Pract. 2009 Dec 23. [Epub ahead of print]
- [DEC 30] [Nonventilatory strategies for patients with life-threatening 2009 H1N1 influenza and severe respiratory failure.*](#)
Napolitano LM, Park PK, Raghavendran K, Bartlett RH. Crit Care Med. 2009 Dec 23. [Epub ahead of print]
- [DEC 30] [Through with the flu: how free family and caregiver immunization protects sick neonates.*](#)
Burke BL Jr, Nesmith CC, Ott RE, Leigh Hedrick M. Clin Pediatr (Phila). 2010 Jan;49(1):20-3.
- [DEC 30] [Influenza pandemic preparedness and severity assessment of pandemic \(H1N1\) 2009 in South-east Asia.*](#)
Kamigaki T, Oshitani H. Public Health. 2009 Dec 22. [Epub ahead of print]
- [DEC 30] [Optimizing allocation for a delayed influenza vaccination campaign.](#)
Medlock J, Meyers LA. PLoS Curr Influenza. 2009 Dec 9:RRN1134.

- [DEC 30] [Swine-Origin Influenza A \(H1N1\) Viral Infection in Children: Initial Chest Radiographic Findings.](#)
Lee EY, McAdam AJ, Chaudry G, Fishman MP, Zurakowski D, Boiselle PM. Radiology. 2009 Dec 23. [Epub ahead of print]
- [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, Gerolimatos 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.

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](#)