

pH1N1 Flu Virus (Human Swine Influenza) Information Resources

Current as of October 22, 2009 at 4pm

Highlights

- PHAC: [Recommendations for the Use of the H1N1 Flu Vaccine](#)
[Considering the Options - Getting the flu versus getting a vaccine or taking an antiviral](#)
[What you need to know before receiving the H1N1 Flu Vaccine](#)
- CDC: [Updated Interim Recommendations—HIV-Infected Adults and Adolescents: Considerations for Clinicians Regarding 2009 H1N1 Influenza](#)
- ECDC: [Bacterial pulmonary infections in autopsy results from pandemic influenza \(H1N1\) 2009 deaths in the United States](#)

Literature -----

- Eurosurveillance: [The 2009 Pandemic H1n1 Influenza and Indigenous Populations of the Americas and the Pacific](#)
[Progression and Impact of the First Winter Wave of the 2009 Pandemic H1n1 Influenza in New South Wales, Australia](#)
- AAHONJ: [Summary Recommendations by the Advisory Committee on Immunization Practices \(ACIP\) for the Use of H1N1 Influenza Vaccine for the 2009-2010 Vaccination Season*](#)
- MMWR: [Introduction and Transmission of 2009 Pandemic Influenza A \(H1N1\) Virus Kenya, June--July 2009](#)
- NEJM: [Use of Ribavirin to Treat Influenza](#)
[A Novel Influenza A \(H1N1\) Vaccine in Various Age Groups](#)
- AJPM: [Novel Influenza A \(H1N1\) Outbreak at the U.S. Air Force Academy: Epidemiology and Viral Shedding Duration*](#)
- AJOG: [Safety of influenza vaccination during pregnancy*](#)

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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](#)
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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
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Archived

- [OCT 21] [COCA Cal: Pandemic Influenza A \(H1N1\) in Critically Ill Pediatric Patients](#)
Speakers: Dr. Sunny Anand, Dr. Emily Dobyms, Dr. Jaime Fergie and Dr. Tim Uyeki
- [OCT 20] **COCA Call: A flu update and tools to help you treat and triage your patients**
Speakers: Dr. Tim Uyeki, Dr. Phil Peters, Dr. Alex Kallen, and Dr. Georgina Peacock
- [ARCHIVED] U.S. DHHS [H1N1 Video Briefing archive](#)
- September 8: Rear Admiral Anne Schuchat (CDC) gives a briefing on updated recommendations on the use of antivirals as well as an update on the H1N1 (swine) flu.
- [ARCHIVED] [Know what to do about the flu](#) : webcast series from the U.S flu.gov
- September 9: Parents and Child Care Providers

Ministry of Health and Long-Term Care (MOHLTC)

- [OCT 21] [Ontario Will Offer H1N1 Vaccine On October 26](#)
Beginning the week of Oct. 26, adjuvanted H1N1 flu vaccine will be offered to all Ontarians that need and want it, starting with:
- People 65 and under with chronic conditions;
 - Pregnant women;
 - Healthy children 6 months to under five years of age;
 - People living in remote or isolated communities;
 - Health care workers; and
 - Household contacts and care providers of persons at high risk who cannot be immunized or may not respond to vaccine.
- [OCT 19] [Ontario Influenza Bulletin: Surveillance Week 40 \(Oct 4 – Oct 10\)](#)
For the surveillance period of October 4 to October 10, 2009:
- Influenza activity in Ontario was higher compared to the previous week.
 - Slightly more 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 continues to be above the average rate expected at this time of year.
 - One health unit reported widespread influenza activity and three health units reported localized influenza activity for the current reporting week. 20 health units reported sporadic influenza activity.

- There are 4,221 confirmed cases of H1N1 flu virus reported through the integrated Public Health System (iPHIS).

As of October 14:

- 25 deaths have been reported among confirmed H1N1 cases.
- 19 people who have the H1N1 flu virus were in hospital as of 8:30 a.m. on October 14, a number of whom have underlying medical conditions. 388 other people have been hospitalized and have since been discharged.
- More hospitalized cases were reported this week compared to last week. No new deaths among cases were reported this week.

[OCT 16] [Ontario Takes Additional Steps To Reduce H1N1 Transmission](#)

- Emergency Departments [Guidance Document](#)
- Ambulatory Care Settings [Guidance Document](#)
- Long-Term Care Settings [Guidance Document](#)
- Pharmacies [Guidance Document](#)

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

Important Health Notices

[OCT 14] [H1N1 Update, October 14](#)

Ontario Agency for Health Protection and Promotion (OAHPP)

[OCT 06] [Weekly Synthesis of Surveillance Information, Literature & Government Updates](#) (week ending Oct 2nd, 2009)

[SEP 22] [Laboratory Surveillance Report September 22nd](#)

[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.



[OCT 22] [Frequently Asked Questions - H1N1 Flu Virus](#)



[OCT 22] [Information on the H1N1 Flu Virus and Individuals with Chronic Medical Conditions](#)



[OCT 22] [Information on Seniors and the Flu Virus \(Seasonal Flu and H1N1 Flu\)](#)



[OCT 22] [Information on Children Less Than Five Years of Age and the H1N1 Flu Virus](#)



[OCT 22] [Information on Pregnancy, Breastfeeding and H1N1 Flu Virus](#)



[OCT 22] [Considering the Options - Getting the flu versus getting a vaccine or taking an antiviral](#)



[OCT 22] [What you need to know before receiving the H1N1 Flu Vaccine](#)



[OCT 22] [H1N1 Flu Vaccine: Dosing Recommendations](#)



[OCT 22] [Recommendations for the Use of the H1N1 Flu Vaccine](#)

[OCT 21] [Health Canada Approves Pandemic H1N1 Flu Vaccine for Canadians](#)

[OCT 20] [Deaths Associated with H1N1 Flu Virus in Canada](#) [as of Oct 20]

[OCT 18] [Media Update on the H1N1 Flu Virus](#)

[OCT 15] [Media Update on H1N1 Laboratory at the British Columbia Centre for Disease Control \(BCCDC\)](#)

[OCT 16] [Deaths Associated with H1N1 flu virus in Canada](#) [as of Oct 15]

[OCT 16] [FluWatch findings for Week 36 \(week ending Oct 10\)](#)

- The overall influenza activity has increased for a fourth consecutive week. The national ILI consultation rate and the proportion of positive tests for influenza were quite high compared to the previous weeks. The total number of influenza outbreaks was lower than last week but still high for this time of the year with 28 influenza outbreaks.
- BC had particularly high influenza activity this week with more than 30% of positive influenza tests and 17 influenza outbreaks. NT was also affected with their two regions reporting widespread activity and 8 outbreaks.
- This week, approximately 97% of the positive influenza A subtyped specimens were Pandemic (H1N1) 2009, and the remainder were seasonal A (H1N1).
- The intensity of Pandemic (H1N1) 2009 in the population was moderate with thirty-seven hospitalizations and two deaths reported this week. Hospitalized cases were reported from BC, AB, ON, QC and NT while the deaths were from BC and ON. As of October 10, 2009, a total of 1,541 hospitalized cases including 299 cases admitted to an intensive care unit (ICU) and 158 cases required ventilation as well as 80 deaths had been reported since the beginning of the pandemic.
- A third case of oseltamivir resistant Pandemic (H1N1) 2009 case was reported this week from the province of Ontario.
- The influenza activity remained elevated in the U.S. for a sixth consecutive week.

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

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

CDC Reports The Total Number Of H1n1 Hospitalizations And Deaths Each Friday.



[OCT 22] [What Adults with HIV Infection Should Know About 2009 H1N1 Flu \(Formerly Called Swine Flu\)](#)



[OCT 22] [Updated Interim Recommendations—HIV-Infected Adults and Adolescents: Considerations for Clinicians Regarding 2009 H1N1 Influenza](#)

[OCT 21] [Mixing Tamiflu Capsules with Liquids for children who cannot swallow capsules](#)

[OCT 20] [Antiviral Safety Information](#)

This page will be updated periodically with new antiviral safety-related information as it becomes available.

[OCT 20] [10 FAQs for immunization programs and providers](#)

Top 10 frequently asked questions on the use of the 2009 H1N1 vaccines: Practical considerations for immunization and programs and providers.

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

Other US Sources

[OCT 16] [NIOSH Statement: Risk of Serious Illness Among Healthcare Personnel Associated With 2009 H1N1 Influenza: What Is NIOSH Learning?](#)

[OCT 15] [NIOSH Science Blog: N-95 Respirators and Surgical Masks](#)

[OCT 14] [Respiratory Protection for Healthcare Workers in the Workplace Against Novel H1N1 Influenza A: A Letter Report.](#)

Liverman CT, Harris TA, Rogers BME, Shine KI, Editors. Institute of Medicine; 2009.

Center for Infectious Disease Research and Policy



[OCT 22] [Sebelius vows supply of H1N1 vaccine will soon improve](#)

Health and Human Services (HHS) Secretary Kathleen Sebelius promised a Senate committee today that the flow of pandemic H1N1 influenza vaccine doses will greatly improve in November, following its slow start this month.



[OCT 22] [Flu cases increase on US campuses](#)

Flu-like illnesses on college campuses rose modestly last week, with schools in the mid Atlantic region reporting increases, while those in the Midwest, Rocky Mountains, and Southwest still cited robust activity, the American College Health Association (ACHA) said today. The report for the week ending Oct 16 says infections may have

already peaked in the Southeast and Northeast. The incidence of flu-like illnesses on member campuses was 20.9 per 10,000 students, 9% higher than a week earlier.



[OCT 22]

[China showing signs of second pandemic flu wave](#)

China appears to be entering its second wave of the novel H1N1 pandemic, said an epidemiologist at the country's Center for Disease Control and Prevention who was quoted yesterday in China Daily. Cases are increasing rapidly, and the virus is spreading to small and medium-sized cities. China has had 26,300 known cases but just two deaths, the story said. The World Health Organization reported last week that the seasonal H3N2 flu virus was co-circulating in China with the pandemic H1N1 strain.

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

Health Protection Agency (UK)



[OCT 22]

[HPA weekly pandemic flu media update](#)

- This week, the antiviral collection numbers in the National Pandemic Flu Service have continued to increase and this has been seen in all age groups except the 75+. The largest increase (40%) in week 42, compared with week 41, was seen in the 5-14 year olds.
- 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 53,000 new cases in England last week (range 27,000 to 115,000) compared with 27,000 in week 41. This is a 96% increase. This estimate incorporates data from National Pandemic Flu Service and GP consultations.

[OCT 15] [HPA Weekly National Influenza Report](#) (Week 42)

[ARCHIVED] [Swine Influenza page](#)

Department of Health (UK)

[OCT 21] [Swine flu vaccines start today](#)

[OCT 15] [Rationale for Staff Vaccination](#)

[OCT 15] [A \(H1N1\) Swine Influenza - Vaccination Programme Update](#)

[OCT 15] [Antiviral prophylaxis - Guidance on the use of prophylaxis with antiviral medicines during the H1N1 \(swine flu\) pandemic](#)

[OCT 12] [Collection Point Administration System](#) (CPAS) User Guidance

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

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



- [OCT 22] [Daily update - Pandemic H1N1 2009 \(22/10/2009\)](#)
- ECDC review of US post-mortem findings of bacterial pulmonary infections published;
 - Total of 238 fatal cases in Europe and EFTA countries and 5 097 in the rest of the world have been reported up to date.



- [OCT 22] [Bacterial pulmonary infections in autopsy results from pandemic influenza \(H1N1\) 2009 deaths in the United States](#)

- [OCT 19] [ECDC Weekly Executive Update - Pandemic H1N1 2009](#)

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

European Union

- [OCT 12] [Council Conclusions on Pandemic \(H1N1\) 2009 – a strategic approach](#)
2 965th Employment, Social Policy, Health and Consumer Affairs Council meeting
Luxembourg, 12 October 2009
Public Safety Announcement [video](#) of items discussed at meeting

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

World Health Organization (WHO)

WHO no longer issues the global tables showing the numbers of confirmed cases for all countries. Regular updates describing the situation in the newly affected countries are provided.

- [OCT 16] [Pandemic \(H1N1\) 2009 - update 70](#)

- [OCT 16] [Clinical features of severe cases of pandemic influenza :
Pandemic \(H1N1\) 2009 briefing note 13](#)

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

- [ARCHIVED] [Older WHO Updates](#)

Pan-American Health Organization (PAHO)

- [OCT 16] [Regional Update. Pandemic \(H1N1\) 2009. \(published on October 16, 2009\)](#)
- The intensity of acute respiratory diseases in North America was high in Canada, Mexico, and the U.S.
 - In Central America had a low or moderate intensity of acute respiratory disease; with the exception of El Salvador, which had a high intensity of

acute respiratory disease and an increasing trend of acute respiratory disease

- Caribbean countries reported increasing or unchanged trends in acute respiratory disease, with outbreaks in schools.
- Most of South America had a decreasing trend and low or moderate intensity of acute respiratory disease; Colombia, however, had an increasing trend in acute respiratory disease
- 81.95% of subtyped influenza A viruses were pandemic (H1N1) 2009
- 133 new confirmed deaths in 10 countries (3539 cumulative deaths)

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

Australia and New Zealand

[OCT 21] [New Zealand Pandemic Influenza \(H1N1\) 09 Swine Flu - Update 156](#)

- The total number of deaths attributed to swine flu is now 19 following investigation of the death of a 35 year old woman who died in Waikato on 21 September – she had underlying medical conditions. Please note that this number is likely to change as the Coroner completes investigations into a number of influenza-related deaths that have occurred over the last few months.
- The virus is still circulating in New Zealand, although the recorded rate of Pandemic Influenza infection has declined
- As at midday today there is no one in hospital with confirmed pandemic influenza (H1N1) 2009 or its complications. There was one person at this time last week.
- The cumulative total of people in New Zealand who have returned a positive laboratory test for pandemic influenza (H1N1) 2009 is 3175, no change from last week.

[OCT 19] [Australia National H1N1 Influenza 09 Update](#)

- At noon today Australia has 36,991 confirmed cases of pandemic (H1N1) 2009
- The number of deaths associated with pandemic (H1N1) 2009 continues to increase. As of 21 October, 186 people have died. Of these deaths, four were pregnant women and 24 (13.11%) were Indigenous.
- There have been 2 confirmed deaths in the ACT, 51 in NSW, 6 in the NT, 41 in Qld, 28 in SA, 7 in Tas, 24 in Victoria and 27 in WA.
- The total number of hospitalisations in Australia since pandemic (H1N1) 2009 is identified at 4,886.

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

[ARCHIVED] [New Pandemic Phase \(PROTECT\) Guidelines](#) [Australia]

pH1N1 Clinical Information

[Ebsco Influenza Portal](#)












Due to Pandemic H1N1 Influenza and concerns about the 2009/2010 flu season, the EBSCO Publishing Medical and Nursing editors of *DynaMed™*, *Nursing Reference Center™* (NRC) and *Patient Education Reference Center™* (PERC) have made key influenza information from these resources freely available to health care providers worldwide. *Contact your library for access.*

Research Articles (1 week backfile)

What's new today, plus a one week backfile. **Articles with an asterisk (*) indicate that a subscription is required to view the full text.** [Contact your library for access to full text articles.](#)

[Medline literature search on H1N1](#) (current as of today)

-  [OCT 22] [The 2009 Pandemic H1n1 Influenza and Indigenous Populations of the Americas and the Pacific](#)
G La Ruche et al., Eurosurveillance vol.14 issue 42, 22 October 2009
-  [OCT 22] [Early Transmission Characteristics of Influenza A\(H1n1\)V in Australia: Victorian State, 16 May – 3 June 2009](#)
E S McBryde et al., Eurosurveillance vol.14 issue 42, 22 October 2009
-  [OCT 22] [Pandemic H1n1 Influenza Surveillance in Victoria, Australia, April – September, 2009](#)
J E Fielding et al., Eurosurveillance vol.14 issue 42, 22 October 2009
-  [OCT 22] [Progression and Impact of the First Winter Wave of the 2009 Pandemic H1n1 Influenza in New South Wales, Australia](#)
New South Wales public health network, Eurosurveillance vol.14 issue 42, 22 October 2009
-  [OCT 22] [Pandemic Influenza in a Southern Hemisphere Setting: The Experience in Peru from May - September, 2009](#)
J Gómez et al., Eurosurveillance vol.14 issue 42, 22 October 2009
-  [OCT 22] [Pandemic H1n1 Influenza in Brazil: Analysis of the First 34,506 Notified Cases of Influenza-Like Illness with Severe Acute Respiratory Infection \(SARI\)](#)
W K Oliveira et al., Eurosurveillance vol.14 issue 42, 22 October 2009
-  [OCT 22] [Interim Report on Pandemic H1n1 Influenza Virus Infections in South Africa, April to October 2009: Epidemiology and Factors Associated with Fatal Cases](#)
B N Archer et al., Eurosurveillance vol.14 issue 42, 22 October 2009
-  [OCT 22] [Pandemic H1n1 Influenza Lessons from the Southern Hemisphere](#)
M G Baker, Eurosurveillance vol.14 issue 42, 22 October 2009
-  [OCT 22] [Influenza A \(H\(1\)N\(1\)\) Antiviral and Cytotoxic Agents from *Ferula assa-foetida*.*](#)
Lee CL, Chiang LC, Cheng LH, Liaw CC, Abd El-Razek MH, Chang FR, Wu YC. J Nat Prod. 2009 Sep;72(9):1568-72.

-  [OCT 22] [Summary Recommendations by the Advisory Committee on Immunization Practices \(ACIP\) for the Use of H1N1 Influenza Vaccine for the 2009-2010 Vaccination Season*](#)
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-  [OCT 22] [The Roles of the Occupational Health Nurse and Infection Control in Managing a Novel H1N1 Surge-Lessons From the Front Line.*](#)
Childre F, Hood J, Laco L. AAOHN J. 2009 Sep;57(9):355-8. doi: 10.3928/08910162-20090826-03.
-  [OCT 22] [Introduction and Transmission of 2009 Pandemic Influenza A \(H1N1\) Virus Kenya, June--July 2009](#)
MMWR. 2009;58(41):1143-46.
-  [OCT 22] [Development of a new candidate H5N1 avian influenza virus for pre-pandemic vaccine production](#)
Jie Dong et al., Infl. and Other Resp. Viruses v.3 issue 6 287 - 295
-  [OCT 22] [Preliminary population-based epidemiological and clinical data on 2009 pandemic H1N1 influenza A \(pH1N1\) from Lima, Peru](#)
Yeny Tinoco et al., Infl. and Other Resp. Viruses v.3 issue 6 253 - 256
-  [OCT 22] [Use of Ribavirin to Treat Influenza](#)
K.M. Chan-Tack, J.S. Murray, and D.B. Birnkrant N Engl J Med 2009; 361;17
-  [OCT 22] [A Novel Influenza A \(H1N1\) Vaccine in Various Age Groups](#)
Feng-Cai Zhu et al. N Engl J Med 2009;361
-  [OCT 22] [Biochemical and Biophysical Research Communication Amantadine- and oseltamivir-resistant variants of influenza A viruses in Thailand *](#)
Gui-Rong Bai et al. Biochem. and Biophys. Res. Commun. Article in Press Available online 20 October 2009
-  [OCT 22] [National influenza surveillance in Vietnam, 2006–2007](#)
Hien T. Nguyen et al. Vaccine. Article in Press Available online 21 October 2009
-  [OCT 22] [Novel Influenza A \(H1N1\) Outbreak at the U.S. Air Force Academy: Epidemiology and Viral Shedding Duration*](#)
Catherine Takacs Witkop MD, MPH et al., Amer. J of Prev. Med. Article in Press Available online 21 October 2009
-  [OCT 22] [Safety of influenza vaccination during pregnancy*](#)
Pranita D. Tamma MD et al., Amer. J. of Obstetr. and Gynecol. . Article in Press Available online 21 October 2009
- [OCT 21] [Detection of Novel \(Swine Origin\) H1N1 Influenza A Virus by Quantitative Real-Time Reverse Transcription-PCR*](#)
Wang et al., J. Clin. Microbiol. 2009 Oct. **Author's Correction**

- [OCT 21] [Only 12% of Germans say they will have H1N1 vaccine after row blows up over safety of adjuvants](#)
Stafford, Ned. BMJ 2009;339:b4335 doi: 10.1136/bmj.b4335. No abstract available.
- [OCT 20] [Guidelines on Management of Human Infection with the Novel Virus Influenza A \(H1N1\) - A Report from the Hospital das Clínicas of the University of São Paulo.*](#)
Hajjar LA, Schout D, Galas FR, Uip DE, Levin AS, Filho HH, Sakane PT, Suslik CA, de Camargo Teixeira JM, Bonfa E, Barone AA, de Arruda Martins M, Boulos M, Auler JO. Clinics (Sao Paulo). 2009;64(10):1015-24.
- [OCT 20] [Epidemiology of Human Infection with the Novel Virus Influenza A \(H1H1\) in the Hospital das Clínicas, São Paulo, Brazil - June-September 2009.*](#)
Schout D, Hajjar LA, Galas FR, Uip DE, Levin AS, Filho HH, Sakane PT, Suslik CA, de Camargo Teixeira JM, Bonfa E, Barone AA, de Arruda Martins M, Boulos M, Auler JO. Clinics (Sao Paulo). 2009;64(10):1025-30.
- [OCT 20] [Melting Muscles: Novel H1N1 Influenza A Associated Rhabdomyolysis.*](#)
D'silva D, Hewagama S, Doherty R, Korman TM, Buttery J. Pediatr Infect Dis J. 2009 Oct 16. [Epub ahead of print]
- [OCT 20] [Structural basis for oseltamivir resistance of influenza viruses.*](#)
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- [OCT 20] [Communication, vaccinations are among key H1N1 quality concerns.](#)
[No authors listed]. Healthcare Benchmarks Qual Improv. 2009 Nov;16(11):121-4.
- [OCT 20] [Outbreak of Antiviral Drug-Resistant Influenza A in Long-Term Care Facility, Illinois, USA, 2008](#)
Dharan, Nila J. et al. Emerg Infect Dis. 2009 Dec [Epub ahead of print]
- [OCT 20] [Oseltamivir-Resistant Influenza A Pandemic \(H1N1\) 2009 Virus, Hong Kong, China](#)
Chen, H. et al. Emerg Infect. Dis. 2009 Dec [Epub ahead of print]
- [OCT 20] [Extracorporeal Membrane Oxygenation for Pandemic \(H1N1\) 2009](#)
Firstenberg, M. et al. Emerg Infect. Dis. 2009 Dec [Epub ahead of print]
- [OCT 20] [Respiratory Disease in Adults during Pandemic \(H1N1\) 2009 Outbreak, Argentina](#)
Zala, C. and R. Gonzalez. Emerg Infet. Dis. 2009 Dec [Epub ahead of print]
- [OCT 20] [Novel H1N1 Continues to Wallop Younger U.S. Population](#)
Cohen, Jon. Science Insider. Oct. 20, 2009
- [OCT 20] [Novel Influenza A \(H1N1\) Outbreak at the U.S. Air Force Academy. Epidemiology and Viral Shedding Duration](#)
Takacs Witkop C et al. Amer J Prev Med. 2009; published online October 20, 2009. [Early release]

- [OCT 20] [Oseltamivir for Influenza Psoxposure Prophylaxis](#)
Talbird, Sandra E, Anita J. Brojan and Aleksander P. Winiarski. Amer J Prev Med. Nov 2009; 37 (5): 381-8; published online October 20, 2009. [Early release]
- [OCT 20] [The ongoing H1N1 flu pandemic and the intensive care community: challenges, opportunities, and the duties of scientific societies and intensivists.*](#)
Moreno RP, Rhodes A, Chiche JD. Intensive Care Med. 2009 Oct 20. [Epub ahead of print] No abstract available.
- [OCT 10] [Non-invasive management of acute respiratory distress syndrome related to Influenza A \(H1N1\) virus pneumonia in a pregnant woman](#)
Djibré M et al. Intens Care Med. 2009; published online Oct 10, 2009.
- [OCT 20] [H1N1 vaccination begins as proportion of cases in hospital admitted to intensive care rises](#)
Cook, Sophie. BMJ 2009;339:b4291.
- [OCT 20] [Serologic Analysis of Returned Travellers with Fever, Sweden](#)
Askling, Helena H. et al. Emerg Infect Dis. 2009 Nov [Epub ahead of print]
- [OCT 20] [H1N1 pandemic flu found to cause viral pneumonia in severe cases, says WHO*](#)
Zarocostas, John. BMJ 2009;339:b4313.
- [OCT 20] [Inactivating influenza viruses on surfaces using hydrogen peroxide or triethylene glycol at low vapor concentrations*](#)
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- [OCT 19] [ASID \(HICSIG\) position statement: infection control guidelines for patients with influenza-like illnesses, including pandemic \(H1N1\) influenza 2009, in Australian health care facilities.*](#)
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- [OCT 19] [Prior infection with an H1N1 swine influenza virus partially protects pigs against a low pathogenic H5N1 avian influenza virus](#)
Van Reeth, Kristien et al. Vaccine. 27(4):6330-6339.
- [OCT 19] [WHO meeting on the role of neuraminidase in inducing protective immunity against influenza infection, Vilamoura, Portugal, September 14, 2008](#)
Bright, Rick A. et al. Vaccine. 27(4):6366-6369.
- [OCT 19] [Characterisation of influenza A viruses with mutations in segment 5 packaging signals](#)
Hutchinson, Edward C. et al. Vaccine. 27(4):6270-6275.

- [OCT 19] [Nuclear functions of the influenza A and B viruses NS1 proteins: Do they play a role in viral mRNA export?](#)
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- [OCT 19] [Influenza virus CTL epitopes, remarkably conserved and remarkably variable](#)
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- [OCT 19] [Influenza vaccination and mortality benefits: New insights, new opportunities](#)
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- [OCT 19] [Association Between School Closure and Subsequent Absenteeism During a Seasonal Influenza Epidemic](#)
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- [OCT 16] [Pandemic Vaccine Delivery Delayed in the United States](#)
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- [OCT 16] [Influenza A \(H1N1\) pandemic: true or false alarm*](#)
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- [OCT 16] [Influenza A \(H1N1\) pandemic: true or false alarm*](#)
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- [OCT 16] [Use Of An Inactivated Vaccine In Mitigating Pandemic Influenza A\(H1n1\) Spread: A Modelling Study To Assess The Impact Of Vaccination Timing And Prioritisation Strategies](#)
Sypsa V, Pavlopoulou I, Hatzakis A . Euro Surveill. 2009;14(41):pii=19356
- [OCT 16] [Pandemic H1n1 Influenza: Predicting The Course Of A Pandemic And Assessing The Efficacy Of The Planned Vaccination Programme In The United States](#)
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- [OCT 16] [Pandemic Influenza A\(H1n1\) 2009 Vaccines In The European Union](#)
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