

pH1N1 Flu Virus (Human Swine Influenza) Information Resources

Current as of October 19, 2009 at 4pm

Highlights

- CDC: [2009-2010 Influenza Season Triage Algorithm for Children \(18 Years or Younger\) with Influenza-like Illness \(PDF\)](#)
- [Updated Interim Recommendations for the Use of Antiviral Medications in the Treatment and Prevention of Influenza for the 2009-2010 Season](#)
- UK: [Rationale for Staff Vaccination](#)
- NIOSH: [NIOSH Statement: Risk of Serious Illness Among Healthcare Personnel Associated With 2009 H1N1 Influenza: What Is NIOSH Learning?](#)

Literature -----

- Vaccine: [Influenza vaccination and mortality benefits: New insights, new opportunities](#)
- See also: [Free access to Vaccine special issue: ESWI - Third European Influenza Conference](#)
- Epi: [Association Between School Closure and Subsequent Absenteeism During a Seasonal Influenza Epidemic](#)
- MJA: [ASID \(HICSIG\) position statement: infection control guidelines for patients with influenza-like illnesses, including pandemic \(H1N1\) influenza 2009, in Australian health care facilities.*](#)

News -----

- CIDRAP: [US H1N1 vaccine delayed as cases and deaths rise](#)
- [WHO underscores H1N1 risk to young and healthy](#)
- [WHO: H3N2 responsible for half of flu in China](#)
- [Judge suspends New York's flu-shot requirement for health workers](#)
- [Group in New York sues to stop nationwide vaccination program](#)

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

[OCT 20] **COCA Call: A flu update and tools to help you treat and triage your patients**
Tuesday, October 20, 2009 at 3 – 4 PM (ET)
Call - in number: 888-283-2960 | Passcode: 7886777
More information to follow.

[OCT 20] **COCA Cal: Pandemic Influenza A (H1N1) in Critically Ill Pediatric Patients**
Date and Time: Wednesday, October 21, 2009 from 3-4 PM ET
More information to follow.

Archived

[OCT 07] COCA Conference Call: [H1N1 Pediatrics Update and Overview of CDC's Child Care Guidance](#).

[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 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](#)

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

Important Health Notices

[ARCHIVED] [Last H1N1 update was August 18](#)

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

[OCT 14] [Government of Canada Supports Scientific Research to Deepen Knowledge of H1N1 Flu Virus](#)

[OCT 14] [Regulation of H1N1 vaccine](#)

[OCT 13] [Town Hall in Iqaluit Tackles Vaccine Myths](#)

[OCT 13] [Backgrounder: Vaccine Myths](#)

- [OCT 13] [Your H1N1 Preparedness Guide](#)
Press release: [Government of Canada launches H1N1 Preparedness Guide](#)
- [OCT 13] [FluWatch findings for Week 36 \(week ending Oct 3\)](#)
- The overall influenza activity slightly increased for a third consecutive week and was higher than expected for this time of the year. The total number of influenza outbreaks was high this week with 40 outbreaks in schools. The national ILI consultation rate was slightly higher compared to the previous weeks and above the expected range for this time of the year. However, the proportion of positive tests for influenza remained stable low during week 39.
 - BC had a particularly high influenza activity this week with approximately 15% of positive influenza tests and eighteen influenza outbreaks. NT was also affected with their two regions reporting widespread activity and 16 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 low with twenty-five hospitalizations and no deaths reported this week. Hospitalized cases were reported from BC, AB, MB and ON. As of October 3, 2009, a total of 1,504 hospitalized cases including 295 cases admitted to an intensive care unit (ICU) and 155 cases required ventilation as well as 78 deaths had been reported since the beginning of the pandemic.
 - The influenza activity remained elevated in the U.S. for a fifth consecutive week.
 - The number of confirmed cases in Mexico reached higher levels in September than the Pandemic (H1N1) 2009 peak in April.
- [OCT 13] [Deaths Associated with H1N1 flu virus in Canada](#) [as of Oct 13]
One death reported in British Columbia since last update, 80 deaths in total.
- [OCT 07] [Hand Hygiene Recommendations for Remote and Isolated Community Settings](#)
- [OCT 07] [Hand Washing Techniques](#)
- [OCT 07] [Canada on Track to Deliver Safe and Effective H1N1 Influenza Vaccine to Canadians](#)
- [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 19] [2009-2010 Influenza Season Triage Algorithm for Children \(18 Years or Younger\) with Influenza-like Illness \(PDF\)](#)



[OCT 16] [Updated Interim Recommendations for the Use of Antiviral Medications in the Treatment and Prevention of Influenza for the 2009-2010 Season](#)

[OCT 16] [2009 H1N1 Flu: Situation Update](#) [data reported to CDC by Oct 13]
 During the week of October 4-10, 2009, influenza activity continued to increase in the United States. Flu activity is now widespread. Nationwide, visits to doctors for influenza-like-illness increased over last week and are higher than expected for this time of year. In addition, flu-related hospitalizations and deaths are increasing as well, and are higher than expected

Cases Defined by	Hospitalizations	Deaths
Influenza and Pneumonia Syndrome*	15,696	2,029
Influenza Laboratory-Tests**	4,958	292
Totals		

[OCT 16] [2009 H1N1 Influenza Vaccine Supply Status](#)

[OCT 16] [QUESTIONS & ANSWERS 2009 H1N1 Influenza Vaccine](#)

[OCT 16] [H1N1 vaccine: It takes two](#) – pamphlet for parents

[OCT 15] [2009 H1N1 Flu and Seasonal Flu Information for Rheumatology Health Professionals](#)

[OCT 14] [Allocation and Distribution of the H1N1 Vaccine: Questions and Answers](#)

[OCT 15] [Patients with Arthritis: Clinician’s Guide](#)

[OCT 14] [Questions & Answers Regarding Respiratory Protection For Infection Control Measures For 2009 H1n1 Influenza Among Healthcare Personnel](#)

[OCT 14] [Interim Guidance on Infection Control Measures for 2009 H1N1 Influenza in Healthcare Settings, Including Protection of Healthcare Personnel](#)

[OCT 13] [2009 H1N1 and Seasonal Flu: What You Should Know About Flu Antiviral Drugs](#)

[OCT 13] [What You Should Know and Do this Flu Season If You Are 65 Years and Older: Actions To Take This Flu Season](#)

[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.
- [OCT 14] [Guidance for Establishing Crisis Standards of Care for Use in Disaster Situations: A Letter Report](#)
Altevogt BM, Stroud C, Hanson SL, Hanfling D, Gostin LO, Editors; Committee on Guidance for Establishing Standards of Care for Use in Disaster Situations; Institute of Medicine; 2009.
- [OCT 12] [NIH Launches 2009 H1N1 Influenza Vaccine Trials in HIV-Infected Pregnant Women](#) [Trial in HIV-Infected Children, Youth to Begin Next Week]
- [OCT 12] HHS HealthBeat: [Flu vaccination for mom and baby](#)
- [OCT 09] [NIH Prepares to Launch 2009 H1N1 Influenza Vaccine Trial in People with Asthma](#)
- [OCT 09] [Trust for America's Health: H1N1 Challenges Ahead](#)
New report finds hospital beds could run out in 15 states if 35 percent of Americans get H1N1.

Center for Infectious Disease Research and Policy



- [OCT 16] [US H1N1 vaccine delayed as cases and deaths rise](#)
Production delays are cutting into federal pandemic vaccine—supply projections at a time when virus activity is widespread in 41 states and children's deaths are spiraling, the US Centers for Disease Control and Prevention (CDC) said today.



- [OCT 16] [WHO underscores H1N1 risk to young and healthy](#)
The susceptibility of some young, healthy people to severe illness with pandemic H1N1 influenza marks a striking difference from the pattern of disease seen in seasonal flu epidemics, the World Health Organization (WHO) said today.



- [OCT 16] [USDA says pigs in Minnesota may have had H1N1](#)
The US Department of Agriculture said today it is testing to confirm suspected novel H1N1 flu in three pigs that were sampled at the Minnesota State Fair in August. Positive results would mark the first detection of the virus in pigs in the United States. The pigs, which appeared healthy, were tested in a research project by the University of Minnesota and University of Iowa. Some children who stayed in a dorm at the fair

contracted H1N1, but no link has been made to the pigs, the USDA said. [[Oct 16 USDA statement](#)]



[OCT 16]

[WHO: H3N2 responsible for half of flu in China](#)

Nearly half of all flu viruses in China are the seasonal H3N2 strain, which appeared before the pandemic virus and is cocirculating with it, the World Health Organization said today. Pandemic flu activity is well above baseline rates in the United States and is increasing in parts of Canada and Mexico, and cases are rising in Western Europe, northern Asia, and some Caribbean countries. At least 4,735 deaths have been reported. Temperate areas of the Southern Hemisphere now have few cases. [Oct 16 WHO pandemic update]



[OCT 16]

[Judge suspends New York's flu-shot requirement for health workers](#)

A New York judge today temporarily blocked a state requirement that all healthcare workers who have direct patient contact receive H1N1 and seasonal flu vaccines, the *New York Times* reported. Thomas J. McNamara, an acting justice of the New York State Supreme Court, set a hearing on the case for Oct 30. McNamara consolidated three suits filed by Albany nurses and state employees' and teachers' unions. Another suit, filed by a nurse from Poughkeepsie, is still proceeding separately.



[OCT 16]

[Group in New York sues to stop nationwide vaccination program](#)

A group of New York medical workers sued yesterday to try to block the nationwide H1N1 vaccination program, arguing that the vaccines have not been adequately tested, Agence France-Presse (AFP) reported yesterday. The suit was filed in a federal court in Washington, DC. Attorney Jim Turner said the suit was brought by a group of doctors, nurses, and other medical personnel.



[OCT 16]

[FDA: Be wary of H1N1 remedies sold online](#)

The US Food and Drug Administration warned yesterday that there's a good potential for fraud when buying products sold online as preventives or remedies for H1N1 influenza. The agency recently bought several products sold online as oseltamivir (Tamiflu). One of them turned out to contain only talc and acetaminophen; several others contained various levels of Tamiflu but were not approved for use in the United States. The agency urged consumers to buy only approved products from US pharmacies.



[OCT 16]

[Quebec poll finds 25% of workers would go to work with flu](#)

A poll of workers in Quebec found that 25% would go to work if they were sick with pandemic H1N1 flu, the Canadian Press reported today. About 45% of the respondents said their employer had not formed a plan to address flu outbreaks, and 53% reported they had not changed their personal hygiene habits. The phone survey of 1,000 adults, conducted between Sep 17 and 27, was done by a human resources association in Quebec.

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

Health Protection Agency (UK)

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

- [OCT 15] [HPA weekly pandemic flu media update](#)
- The flu-like illness rate in England from the Royal College of General Practitioners (RCGP) scheme increased to 29.1 per 100,000 in week 41. An increase was seen in most age groups except those over 65 years.
 - The main burden of flu-like illness nationally is in the 5-14 and 15-24 years age groups.
 - 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 over 65s. The largest increase (17%) in 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 27,000 new cases in England last week (range 13,000 to 58,000) compared with 18,000 in week 40. This indicates a doubling every two weeks.
This estimate incorporates data from National Pandemic Flu Service and GP consultations.

[ARCHIVED] [Swine Influenza page](#)

Department of Health (UK)



- [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 19] [Daily update - Pandemic H1N1 2009 \(19/10/2009\)](#)
- [OCT 16] [ECDC Daily Update: Pandemic H1N1 2009](#)
- Weekly Influenza Surveillance Overview to be published today;
 - Eurosurveillance updates published;
 - Media highlights published;
 - The American Journal of Public Health issues a Supplement on Influenza Preparedness and Response;
 - Total of 221 fatal cases in Europe and EFTA countries and 4 553 in the rest of the world have been reported up to date;

[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

[OCT 06] [Why healthcare workers are a priority group for pandemic influenza A\(H1N1\) vaccination?](#)

[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 16] [Australia National H1N1 Influenza 09 Update](#)

Note: Jurisdictions are reporting data once per week on various days. All figures will be updated on Fridays.

- At noon today Australia has 36,942 confirmed cases of pandemic (H1N1) 2009.
- As of 16 October, 185 people have died. Of these deaths, four were pregnant women and 24* (13.11%) were Indigenous.
- There have been 22 new hospitalisations for the past week around Australia with pandemic (H1N1) 2009. Of these, 3 people in hospital are Indigenous Australians. There have been 2 people admitted to Intensive Care Units this week
- The total number of hospitalisations in Australia since pandemic (H1N1) 2009 is identified at 4,886.

[OCT 14] [New Zealand Pandemic Influenza \(H1N1\) 09 Swine Flu - Update 155](#)

- The rate of Pandemic Influenza infections is continuing to decrease in New Zealand, however it is still circulating.
- As at midday today one person is in hospital with confirmed swine flu (H1N1) 09 or its complications – down from four last week.
- The cumulative total of people in New Zealand who have returned a positive laboratory test for swine flu (H1N1) 09 is 3175, up one from last week
- The number of deaths from Pandemic Influenza (H1N1) swine flu is unchanged from last week at 18. Some deaths are still being investigated by the Coroner

[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 19] [ASID \(HICSIG\) position statement: infection control guidelines for patients with influenza-like illnesses, including pandemic \(H1N1\) influenza 2009, in Australian health care facilities.*](#)

Ferguson JK, Stuart RL, Cheng AC, Marshall CL. *Med J Aust* 2009; 191 (8): 454-458.



[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?](#)
Schneider, Jana and Thorsten Wolf. Vaccine. 27(4):6312-6316.



[OCT 19] [Influenza virus CTL epitopes, remarkably conserved and remarkably variable](#)
Rimmelzwaan, Guus et al. Vaccine. 27(4):6363-6365.



[OCT 19] [Influenza vaccination and mortality benefits: New insights, new opportunities](#)
Lone Simonsen, Cecile Viboud, Robert J. Taylor, Mark A. Miller, Lisa Jackson. Vaccine 27(4):6269-6392.



[OCT 19] [Association Between School Closure and Subsequent Absenteeism During a Seasonal Influenza Epidemic](#)
Rodriguez, Carla V.; Rietberg, Krista; Baer, Atar; Kwan-Gett, Tao; Duchin, Jeffrey
Supplemental Author Material. Epidemiology. November 2009 - Volume 20 - Issue 6 - pp 787-792.

[OCT 16] [Pandemic Vaccine Delivery Delayed in the United States](#)
Enserink, Martin. Science Insider, Oct. 16, 2009

[OCT 16] [Influenza A \(H1N1\) pandemic: true or false alarm*](#)
Hayward A. J Epidemiol Community Health.2009; 63: 775-776

[OCT 16] [Influenza A \(H1N1\) pandemic: true or false alarm*](#)
Allam MF. J Epidemiol Community Health.2009; 63: 862

[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](#)
Towers S. Euro Surveill. 2009;14(41):pii=19358

- [OCT 16] [Pandemic Influenza A\(H1n1\) 2009 Vaccines In The European Union](#)
Johansen K. Euro Surveill. 2009;14(41):pii=19361
- [OCT 16] [Resistance Of Turkeys To Experimental Infection With An Early 2009 Italian Human Influenza A\(H1n1\)V Virus Isolate](#)
Terregino C, De Nardi R, Nisi R, Cilloni F, Salviato A, Fasolato M, Capua I. Euro Surveill. 2009;14(41):pii=19360
- [OCT 16] [Swine influenza matrix 2 \(M2\) protein contributes to protection against infection with different H1 swine influenza virus \(SIV\) isolates](#)
Kitikoon P et al. Vaccine . 2009; In Press, Uncorrected Proof, Available online 16 October 2009. doi:10.1016/j.vaccine.2009.09.130
- [OCT 16] [Formative research on the feasibility of hygiene interventions for influenza control in UK primary schools](#)
Schmidt W-P, Wloch C, Biran A, Curtis V, Pangtani P. *BMC Public Health* 2009, 9:390 doi:10.1186/1471-2458-9-390
- [OCT 16] [Swine flu vaccine: Present status.*](#)
Wiwanitkit V. Hum Vaccin. 2009 Nov 28;5(11). [Epub ahead of print]
- [OCT 14] [Distribution of vaccine/antivirals and the 'least spread line' in a stratified population.*](#)
Goldstein E, Apolloni A, Lewis B, Miller JC, Macauley M, Eubank S, Lipsitch M, Wallinga J.J R Soc Interface. 2009 Oct 14. [Epub ahead of print]
- [OCT 15] [Diagnostic Importance of Relative Lymphopenia as a Marker of Swine Influenza \(H1N1\) in Adults*](#)
Cunha BA, Pherez FM, Schoch P. Clin Inf Dis. 2009;49(9):1454-56.
- [OCT 15] [Severe Acute Respiratory Disease in the Setting of an Epidemic of Swine Origin Type A H1N1 Influenza at a Reference Hospital in Entre Ríos, Argentina*](#)
Bantar C et al. Clin Inf Dis. 2009;49(9):1458-56.
- [OCT 14] [Transmission of pandemic H1N1 influenza virus and impact of prior exposure to seasonal strains or interferon treatment*](#)
Steel J, Staeheli P, Mubareka S, García-Sastre A, Palese P, Lowen AC. J. Virol. published ahead of print on 14 October 2009, doi:10.1128/JVI.01732-09
- [OCT 15] [Lack of Airborne Transmission during Outbreak of Pandemic \(H1N1\) 2009 among Tour Group Members, China, June 2009](#)
Han K et al. Lack of airborne transmission during outbreak of pandemic (H1N1) 2009 among tour group members, China, June 2009. Emerg Infect Dis 2009 Oct; 15:1578.
- [OCT 15] [Poor Clinical Sensitivity of Rapid Antigen Test for Influenza A Pandemic \(H1N1\) 2009 Virus](#)
Drexler JF et al. Poor clinical sensitivity of rapid antigen test for influenza A pandemic (H1N1) 2009 virus. Emerg Infect Dis 2009 Oct; 15:1662.

- [OCT 15] [H1N1 Influenza in Pregnancy: What All Obstetric Care Providers Ought to Know*](#)
Carlson A, Thung SF, Norwitz ER. Rev Obstet Gynecol. 2009 Summer;2(3):139-45.
- [OCT 15] [Pandemic \(H1N1\) 2009 influenza: experience from the critical care unit*](#)
Patel M, Dennis A, Flutter C, Thornton S, D'Mello O, Sherwood N. Anaesthesia. 2009 Nov;64(11):1241-5.
- [OCT 15] [An observational cohort study of triage for critical care provision during pandemic influenza: 'clipboard physicians' or 'evidenced based medicine'?*](#)
Guest T, Tantam G, Donlin N, Tantam K, McMillan H, Tillyard A. Anaesthesia. 2009 Nov;64(11):1199-206.
- [OCT 15] [Swine flu: Influenza A/H1N1 2009: the unseen and unsaid*](#)
Saxena SK, Mishra N, Saxena R, Saxena S. Future Microbiol. 2009 Oct;4:945-7. No abstract available.
- [OCT 15] [Recommended composition of influenza virus vaccines for use in the 2010 influenza season \(southern hemisphere winter\)](#)
Wkly Epidemiol Rec. 2009 Oct 9;84(41):421-31. English, French. No abstract available.
- [OCT 14] [Chest Radiographic and CT Findings in Novel Swine-Origin Influenza A \(H1N1\) Virus \(S-OIV\) Infection](#)
AJR:193, December 2009 DOI:10.2214/AJR.09.3599
- [OCT 14] [Imaging Findings in a Fatal Case of Pandemic Swine-Origin Influenza A \(H1N1\)](#)
AJR:193, December 2009 DOI:10.2214/AJR.09.3365
- [OCT 14] [Bacterial Pneumonias during an Influenza Pandemic: How Will We Allocate Antibiotics?](#)
Cinti SK, Barnosky AR, Gay SE, Goold SD, Lozon MM, Kim K, et al. Biosecur Bioterror. 2009 Sep;7(3):311-316.
- [OCT 14] [Emergency Use Authority and 2009 H1N1 Influenza.](#)
Sherman SE, Foster J, Vaid S. Biosecur Bioterror. 2009 Sep;7(3):245-50.
- [OCT 13] [Modelling mitigation strategies for pandemic \(H1N1\) 2009.](#)
Zivkovic Gojovic M, Sander B, Fisman D, Krahn MD, Bauch CT. early release. Published on www.cmaj.ca on October 13, 2009.
- [OCT 13] [Does the Vaccine Matter?](#)
The Atlantic, November 2009. [Epub ahead of print]

Travel Advisories

- [SEP 30] [Hajj Pilgrims: Recommendations for travel](#)
- [AUG 28] [Travel Health Notice: Human Swine Influenza in United States](#)

[AUG 28] [Travel Health Notice: Swine Flu in California and Texas](#)

[MAY 19] [Public Health Agency of Canada no longer recommends Canadians postpone elective or non-essential travel to Mexico](#)