

H1N1 Flu Virus (Human Swine Influenza) Information Resources

Current as of August 21, 2009 at 4pm

Highlights

- [WHO Guidelines for Pharmacological Management of Pandemic \(H1N1\) 2009 Influenza and other Influenza Viruses](#)
- CDC: [Use of Influenza A \(H1N1\) 2009 Monovalent Vaccine](#)
Recommendations of the Advisory Committee on Immunization Practices (ACIP), 2009.
Use of Influenza A (H1N1) 2009 Monovalent Vaccine. MMWR. 2009; 58; Early Release.
- CDC: [Influenza A \(H1N1\) 2009 Monovalent Vaccine Safety Monitoring: CDC Planning for State, Local, Tribal, and Territorial Health Officials](#)
- UK: [Pandemic flu: planning and responding to primary care capacity challenges](#)
- UK issues [Advice concerning organ donation and H1N1](#)
- [ECDC publishes health education guidance on the use of influenza antivirals](#)
- [Sweden publishes recommendations for vaccination](#)

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[Ontario Ministry of Health and Long-Term Care \(MOHLTC\)](#)
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Canada

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United States

[Centers for Disease Control and Protection \(CDC\)](#)
[Center for Infectious Disease Research & Policy](#)
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Europe

[United Kingdom's Health Protection Agency \(HPA\)](#)
[UK Department of Health](#)
[European Centre for Disease Control and Prevention \(ECDC\)](#)
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International

[World Health Organization \(WHO\)](#)
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Events

Current / Upcoming

[AUG 25] [Corporate Preparedness for H1N1: How pressure-tested planners are bracing now for fall](#)

Panelists will cover:

- The latest scientific information on H1N1
- Insight into the range of human resources policies and practices
- How a group of HR professionals from multinational corporations collaborated during the spring crisis to ensure their organizations had access to effective practices as the pandemic unfolded
- The successful interplay of crisis management and communication and how companies use tools such as conference calls, intranet sites, and phone hotlines
- Key tools from H5N1 (bird flu) planning that were useful when H1N1 (swine flu) began, what approaches and practices had to be adjusted, and how at least two major corporations plan to stay flexible and responsive this fall
- Managing the logistical challenges of employees, facilities, supply chains, and external partners in regions and countries with differing levels illness severity, access to care, and government regulations.

Archived

[AUG 20] [Maine H1N1 Influenza Preparedness Summit](#)

The goal of this Summit is to help Maine prepare for the fall and to plan for a statewide H1N1 vaccination campaign.

[AUG 13] [Experts air practical PPE considerations to Institute of Medicine](#)

On the second and final day of an Institute of Medicine (IOM) task force meeting on how to protect healthcare workers from the novel H1N1 virus, experts focused on issues surrounding the effectiveness and practical use of masks and respirators in work settings.

[AUG 11-13] [Workshop on Personal Protective Equipment for Healthcare Workers in the Workplace Against Novel H1N1 Influenza A](#)

This workshop will examine the emerging science and clinical experience base associated with nH1N1, discuss criteria used to delineate infection control guidelines and assess risk to the healthcare workforce, and examine what's known about the effectiveness of masks, respirators, gowns, gloves, and eye protection in preventing H1N1 transmission.

[JUL 29] [Special Advisory Committee on Immunization Practices \(ACIP\) meeting on Novel Influenza A \(H1N1\)](#)

The goals of this meeting are to:

- Review current epidemiology and virology of pandemic, vaccine supply/demand estimates, implementation plans
- Provide evidence-based recommendations on target groups for pandemic vaccination efforts

Ministry of Health and Long-Term Care (MOHLTC)



[AUG 21]

[Ontario Influenza Bulletin: Surveillance Week 32 \(Aug 9 – Aug 15\)](#)

The Influenza Bulletin provides information based on the surveillance period August 9 to August 15, 2009. Case counts from the previous week are submitted to the ministry by public health units every Tuesday. Data on hospitalizations and deaths is submitted daily and therefore is accurate as of August 19th.

For the surveillance period of August 9 to August 15, 2009 :

- Overall, influenza activity in Ontario was similar compared the previous week.
- Ontario health units reported 22 new confirmed cases of influenza through the integrated Public Health Information System (iPHIS). This count includes 14 laboratory confirmed cases of pH1N1, which is fewer than the 29 cases reported in week 30.
- During week 32, new laboratory confirmed cases of pH1N1 continued to be seen across the province, with Central West reporting most of these cases. No new institutional influenza outbreaks were reported.
- For week 32, North East health region reported 'localized' level activity while the remaining health regions reported 'sporadic' level activity.
- The rate of influenza-like illness (ILI) in patients seen by sentinel physicians was above the range that is expected for this time of the year based on the average ILI rate reported in week 32 for the past 3 years.

As of August 19:

- 22 deaths have been reported among confirmed H1N1 cases.
- Total of 4 007 cases
- 37 people who have the H1N1 flu virus were in hospital as of August 19, a number of whom have underlying medical conditions. 315 other people have been hospitalized and have since been discharged.
- A higher number of hospitalized cases were reported this week. One new death among cases was reported this week.

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

Important Health Notices

[AUG 18] [H1N1 Update](#)

This Important Health Notice (IHN) is based on current information received to date and provides the following:

- Status of the Pandemic (H₁N₁) 2009 (pH₁N₁) virus
- Clarification on laboratory testing recommendations
- Information on the impact of the pH₁N₁ virus on pregnant women

- Information on Ministry of Health and Long-Term Care planning activities

Ontario Agency for Health Protection and Promotion (OAHPP)

[AUG 18] [H1N1 Weekly Synthesis of Surveillance Information, Literature & Government Updates for week ending Aug 14, 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.



[AUG 20] [Deaths Associated with H1N1 flu virus in Canada](#)
4 deaths reported since the previous update, for a cumulative total of 71 as of Aug 18

[AUG 19] [Surveillance Protocol for Severe Respiratory Illness](#)

[AUG 19] [Public Health Guidance for Post Secondary and Boarding Schools regarding the Prevention and Management of Influenza-like-illness \(ILI\), Including the Pandemic \(H1N1\) 2009 influenza Virus](#)

[AUG 19] [UPDATED: Public Health Guidance for Child Care Programs and Schools \(K to grade 12\) regarding the Prevention and Management of Influenza-Like-illness \(ILI\), including the Pandemic \(H1N1\) 2009 influenza Virus](#)

This document updates the May 3 "Interim Recommendations Regarding Schools and Daycare Centres" guidance.

[AUG 14] [FluWatch Findings for the Week 31 \(week ending Aug 8\)](#)

[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.



[AUG 21] [2009 H1N1 Flu Situation Update](#)

- 7,983 hospitalizations
- 522 deaths



[AUG 21] [Novel 2009 H1N1 Flu: International Situation Update](#)

- The 2009 H1N1 influenza virus is the predominant influenza virus in circulation worldwide.

- The epidemiology of the disease caused by the 2009 H1N1 influenza virus in the Southern Hemisphere is very similar to that described in the United States this past spring.
- There have been no significant changes detected in the 2009 H1N1 influenza virus isolated from persons in the Southern Hemisphere as compared to viruses isolated from persons in the Northern Hemisphere.



[AUG 21] [Influenza A \(H1N1\) 2009 Monovalent Vaccine Safety Monitoring: CDC Planning for State, Local, Tribal, and Territorial Health Officials](#)



[AUG 21] [Use of Influenza A \(H1N1\) 2009 Monovalent Vaccine](#)
 Recommendations of the Advisory Committee on Immunization Practices (ACIP), 2009. Use of Influenza A (H1N1) 2009 Monovalent Vaccine. MMWR. 2009; 58; Early Release.

[AUG 20] [Preparing for the Flu: A Communication Toolkit for Institutions of Higher Education](#)

[AUG 20] [Technical Report on CDC Guidance for Responses to Influenza for Institutions of Higher Education during the 2009-2010 Academic Year](#) [podcast]

[AUG 20] [Guidance for Responses to Influenza for Institutions of Higher Education during the 2009-2010 Academic Year](#) [podcast]

[AUG 20] [Federal Guidelines Encourage Employers to Plan Now for Upcoming Influenza Season: Recommendations Range from Encouraging Hand Washing to Allowing Some Employees to Stay Home](#)

[AUG 19] [Novel H1N1 Flu: CDC Response](#)

[AUG 19] [Guidance for Businesses and Employers to Plan and Respond to the 2009-2010 Influenza Season](#)
 CDC is releasing new guidance that recommends actions that non-healthcare employers should take now to decrease the spread of seasonal flu and 2009 H1N1 flu in the workplace and to help maintain business continuity during the 2009-2010 flu season. The guidance includes additional strategies to use if flu conditions become more severe and some new recommendations regarding when a worker who is ill with influenza may return to work.

[AUG 19] [Preparing for the Flu: A Communication Toolkit for Businesses and Employers](#)
 Provides information and communication resources to help businesses and employers implement recommendations from CDC's Guidance for Businesses and Employers to Plan and Respond to the 2009-2010 Influenza Season.

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

Other US Sources


[AUG 19] National Institute of Allergy and Infectious Diseases: [NIAID to Begin Trials of Candidate H1N1 Vaccines in Children](#)


[AUG 19] Columbia University: Scientists Decoding Genomic Sequences of H1N1 Using Isolates From Outbreak In Argentina


- Read the [Columbia University press release](#)
- Visit the [Centre for Infection and Immunity Influenza Virus Sequencing Site](#)

Center for Infectious Disease Research and Policy

 [AUG 21] [CIDRAP authored Novel H1N1 Influenza \(Swine Flu\) overview](#)

 [AUG 20] [Australian doctors question country's vaccination plans](#)
Australia's major infectious disease society is questioning the safety of the country's novel H1N1 vaccination plans, the Australian Broadcasting Corp. reported today. In a letter to the government, the Australasian Society for Infectious Diseases cited a risk of cross-contamination when using multidose vials and said the flu epidemic has subsided, so the campaign needn't be rushed. A spokeswoman for vaccine maker CSL countered that the single-dose approach would be slower and more expensive.

 [AUG 20] [Novel H1N1 deaths in Latin America exceed 1,300](#)
Deaths from H1N1 flu in Latin America, the world's hardest-hit region, have reached 1,303, more than 70% of the global total of 1,799 listed by the World Health Organization, Agence France-Presse reported yesterday. Argentina has had 404 deaths, the second-highest toll after the United States' 477, and Brazil has 368, the story said. Trailing Brazil are Mexico, with 164 deaths; Chile, 105; and Peru, 62.

 [AUG 20] [Americans not worried about H1N1 but will get vaccine](#)
More than 60% of Americans say they are not worried about the novel H1N1 flu, but 55% plan to get the H1N1 vaccine for themselves or someone in their household, according to a Washington Post-ABC News Poll. The poll indicates that about one in eight Americans is very worried that the pandemic will affect his or her family, while twice as many are not at all worried, the Post reported. Nearly 75% were confident that the government will be able to cope effectively with the epidemic.

[AUG 19] [New York state requires health workers to get flu immunizations](#)
The New York State Department of Health has adopted an emergency rule requiring healthcare workers who have direct contact with patients to be vaccinated against seasonal and novel H1N1 influenza, the *New York Times* reported yesterday.

[AUG 19] [Australian survives near-fatal H1N1 case with help of IV zanamivir](#)

A 20-year-old Australian who has asthma survived a nearly fatal case of H1N1 flu after he was treated with an experimental intravenous form of zanamivir (Relenza).

[AUG 19] [H1N1 vaccine orders in northern hemisphere top 1 billion doses](#)
A World Health Organization (WHO) official said yesterday that northern hemisphere countries have ordered more than 1 billion doses of H1N1 vaccines, Agence France-Presse reported. The WHO's Melinda Henry said a few countries, such as Greece, Canada, and Israel, have ordered enough doses to cover their whole populations, while others, including the United States, have ordered less.

[AUG 19] [Australian government expects first H1N1 vaccine doses next week](#)
The Australian government expects to receive its first 2 million doses of H1N1 vaccine by the end of next week, the *Adelaide Advertiser* reported today. Pregnant women, health workers, and chronically ill people will be first in line for the vaccine. It is expected that immunizations could begin Sep 7, pending approval from national health authorities. They are awaiting safety data from the vaccine manufacturer, CSL, which is also making vaccine for the US government.

[AUG 19] [British agency says Tamiflu plus warfarin may increase stroke risk](#)
Britain's Medicine and Healthcare Products Regulatory Agency (MHRA) is concerned that oseltamivir (Tamiflu) may interact with the anticoagulant warfarin to increase the risk of uncontrolled bleeding and stroke, according to a report by the *Daily Mail* newspaper

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

Health Protection Agency (UK)

[AUG 20] [Weekly pandemic flu update](#)

- This week there has been a further reduction in the rates of flu-like illness and related activity.
- Weekly GP consultation rates continued to decrease over the last week in England.
- The majority of cases continue to be mild. There is no sign that the virus is changing. It is not becoming more severe or developing resistance to anti-virals.
- 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 11,000 new cases in England last week (range 6,000 to 25,000). There has been a decrease in estimated number of cases in all age groups and in all regions. *This estimate incorporates data from National Pandemic Flu Service and GP consultations.*




[AUG 19] [Risk to pregnant women arising from Influenza A infections](#)

[AUG 20] [20 August 2009 \(Week 34\) HPA Weekly National Influenza Report](#)

[ARCHIVED] [Swine Influenza page](#)

Department of Health (UK)

 [AUG 20] [Pandemic flu: planning and responding to primary care capacity challenges](#)

 [AUG 20] [Advice concerning organ donation and H1N1](#)

 [AUG 20] [Swine Flu: Authorisation of the supply of antivirals](#)


[AUG 14] [Priority groups for vaccination against swine flu announced](#)

[AUG 13] [Exercise Cold Play II](#)

Exercise Cold Play II is a Department of Health funded exercise designed as an 'off the shelf' package for use by health organisations and partner organisations within the UK. It has been developed from experience gained in previous pandemic influenza exercises and is intended to provide a generic format which can be adapted to suit the selected target audience.

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


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

 [AUG 21] [ECDC Situation Report for Aug 21](#)

- 850 new cases reported in the EU and EFTA countries, reaching a total of 41 788 cases;
- 2 351 new cases including 28 fatal cases, were reported from non-EU and EFTA countries, reaching a cumulative total of 207 153 cases;

 [AUG 21] [Weekly Epidemiological bulletin – Week 33](#)

 [AUG 21] [Sweden publishes recommendations for vaccination](#)

 [AUG 21] [ECDC publishes health education guidance on the use of influenza antivirals](#)

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

European Union



[AUG 21] [Ireland starts Pandemic H1N1 2009 public information campaign - 21/08/09](#)

[AUG 14] [Health Security Committee discusses vaccination issues and broader public health measures for influenza A \(H1N1\) 2009](#)

[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.



[AUG 21] [Pandemic \(H1N1\) 2009 - update 62](#)—REVISED

Region	Cumulative total	
	as of 13 Aug 2009	
	Cases*	Deaths
WHO Regional Office for Africa (AFRO)	1469	3
WHO Regional Office for the Americas (AMRO)	105882	1579
WHO Regional Office for the Eastern Mediterranean (EMRO)	2532	8
WHO Regional Office for Europe (EURO)	Over 32000	53
WHO Regional Office for South-East Asia (SEARO)	13172	106
WHO Regional Office for the Western Pacific (WPRO)	27111	50
Total	Over 182166	1799

*Given that countries are no longer required to test and report individual cases, the number of cases reported actually understates the real number of cases.



[AUG 21] [WHO Recommended use of antivirals](#)
Pandemic (H1N1) 2009 briefing note 8



[AUG 20] [WHO Guidelines for Pharmacological Management of Pandemic \(H1N1\) 2009 Influenza and other Influenza Viruses](#)

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

[ARCHIVED] [Older WHO Updates](#)

Pan-American Health Organization (PAHO)

[AUG 14] [Regional Update for Aug 14: Pandemic \(H1N1\) 2009](#)

As of August 14, 2009, a total of 105,882 confirmed cases have been notified in all 35 countries in the Americas Region. A total of 1,579 deaths have been detected among the confirmed cases in 22 countries of the Region. Nicaragua and Venezuela reported their first deaths during epidemiological week 31.



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

Australia and New Zealand



[AUG 21] [New Zealand Ministry of Health Situation Update 141](#)

There are a total of 3090 confirmed cases of Pandemic Influenza (H1N1) 09 swine flu, up from 3086 yesterday. The number of deaths from Pandemic Influenza (H1N1) 09 swine flu is 15.



[AUG 21] [Health Emergency Australia Pandemic \(H1N1\) Update Bulletin for August 21](#)

- At noon Australia had 33 179 confirmed cases of pandemic (H1N1)
- The total number of Australian deaths associated with pandemic (H1N1) is currently 131
- There are currently 456 people in hospital around Australia with pandemic (H1N1), and 98 of these are in Intensive Care Units.

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

[ARCHIVED] [New Pandemic Phase Project - PROTECT Guidelines/Updates \[Australia\]](#)

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.*

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














[AUG 22] [Clinical characteristics of paediatric H1N1 admissions in Birmingham, UK](#)

Hackett S, Hill L, Patel J, Ratnaraja N, Ifeyinwa A, Farooqi M, Nusgen V, Debenham V, Gandhi V, Makwana V, Smit V, Welch V. Clinical characteristics of paediatric H1N1 admissions in Birmingham, UK. *Lancet*. 2009; 374(969); 605.



[AUG 22] [Swine-origin influenza virus H1N1, seasonal influenza virus, and critical illness in children](#)

Lister P, Reynolds F, Parslow R, Chan A, Cooper M, Plunkett A, Riphagen S, Peters S. Swine-origin influenza virus H1N1, seasonal influenza virus, and critical illness in children. *Lancet*. 2009; 374(969); 605-07.

-  [AUG 21] [Influenza vaccination and mortality: differentiating vaccine effects from bias.](#)
Fireman B, Lee J, Lewis N, Bembom O, van der Laan M, Baxter R. Influenza vaccination and mortality: differentiating vaccine effects from bias. Am J Epidemiol. 2009 Sep 1;170(5):650-6.
-  [AUG 21] [A/H1N1 pandemic: Case definition is too loose*.](#)
Wilson EJ, Williams J, McCarron B. A/H1N1 pandemic: Case definition is too loose*. BMJ 2009;339:b3365.
-  [AUG 21] [Four at-risk groups will be first to be vaccinated against swine flu, says chief medical officer.*](#)
Dinsdale P. Four at-risk groups will be first to be vaccinated against swine flu, says chief medical officer.* BMJ 2009;339:b3363
-  [AUG 21] [Use of revised international health regulations during influenza A \(H1N1\) epidemic, 2009.](#)
Katz R. Use of revised international health regulations during influenza A (H1N1) epidemic, 2009. Emerg Infect Dis. 2009 ;15(8): 1165-70.
-  [AUG 20] [ASID/TSANZ guidelines: treatment and prevention of H1N1 influenza 09 \(human swine influenza\) with antiviral agents](#)
Cheng AC, Dwyer DE, Thomas C, Kotsimbos TC, Starr M, Korman TM, BATTERY JP, Jenkins CR, Krause VL, Johnson PDR. ASID/TSANZ guidelines: treatment and prevention of H1N1 influenza 09 (human swine influenza) with antiviral agents. Med J Austr. 2009 [published online first]
-  [AUG 20] [Optimizing Influenza Vaccine Distribution*](#)
Medlock J, Galvani AP. Optimizing influenza vaccine distribution. Science DOI: 10.1126/science.1175570. Published Online August 20, 2009
-  [AUG 21] [Modelling the impact of an influenza A/H1N1 pandemic on critical care demand from early pathogenicity data: the case for sentinel reporting](#)
Ercole A, Taylor BL, Rhodes A, Menon DK. Modelling the impact of an influenza A/H1N1 pandemic on critical care demand from early pathogenicity data: the case for sentinel reporting*. Anaesthesia. 2009 Sep;64(9):937-41.
-  [AUG 21] [Swine flu vaccination in patients with egg allergy](#)
Nasser S, Brathwaite N; BSACI Standards of Care Committee. Swine flu vaccination in patients with egg allergy. Clin Exp Allergy. 2009 Sep;39(9):1288-90.
-  [AUG 21] [Influenza A \(H1N1\) infections among healthcare workers: a cause for cautious optimism.*](#)
Sng J, Koh D, Koh G. Influenza A (H1N1) infections among healthcare workers: a cause for cautious optimism.* Occup Environ Med. 2009 Sep;66(9):569-70.
-  [AUG 21] [The 2009 influenza pandemic begins.](#)
Wood JM. The 2009 influenza pandemic begins. Influenza and Other Respiratory Viruses. 2009; 3(5): 197-198.
-  [AUG 21] [With reference to Mexican flu](#)

de Lamballerie X, Gould EA. With reference to Mexican flu. *Influenza and Other Respiratory Viruses*. 2009; 3(5): 203-203.



[AUG 21]

[A review of medical masks and respirators for use during an influenza pandemic.](#)

Seale H, Dwyer DE, Cowling BJ, Wang Q, Yang P, MacIntyre CR. A review of medical masks and respirators for use during an influenza pandemic. *Influenza and Other Respiratory Viruses*. 2009; 3(5): 205-206.



[AUG 21]

[Diversity of influenza viruses in swine and the emergence of a novel human pandemic influenza A \(H1N1\)](#)

Brockwell-Staats C, Webster RG, Webby RJ. Diversity of influenza viruses in swine and the emergence of a novel human pandemic influenza A (H1N1). *Influenza and Other Respiratory Viruses*. 2009; 3(5): 207-213.



[AUG 21]

[Initial human transmission dynamics of the pandemic \(H1N1\) 2009 virus in North America](#)

Pourbohloul B, Ahued A, Davoudi B, Meza R, Meyers LA, Skowronski DM et al. Initial human transmission dynamics of the pandemic (H1N1) 2009 virus in North America. *Influenza and Other Respiratory Viruses*. 2009; 3(5): 215-222.



[AUG 21]

[Estimates of the impact of a future influenza pandemic in China.](#)

Yu H, Feng L, Peng Z, Feng Z, Shay DK, Yang W. Estimates of the impact of a future influenza pandemic in China. *Influenza and Other Respiratory Viruses*. 2009; 3(5): 223-231.



[AUG 21]

[Invited commentary on David Fedson's article.](#)

Clark I, Alleva L. Invited commentary on David Fedson's article. *Influenza and Other Respiratory Viruses*. 2009; 3(5): 199-201.

[AUG 20]

[Pandemic flu: will there be a second wave?](#)

Godlee F. *BMJ* 2009;339:b3394

[AUG 20]

Eurosurveillance 20 Aug 2009; 14(33)

[Epidemiology of fatal cases associated with pandemic H1N1 influenza 2009](#)

L Vaillant, G La Ruche, A Tarantola, P Barboza, for the epidemic intelligence team at InVS

This article describes the characteristics of 574 deaths associated with pandemic H1N1 influenza up to 16 July 2009. Data (except from Canada and Australia) suggest that the elderly may to some extent may be protected from infection

[The importance of school and social activities in the transmission of influenza A\(H1N1\)v: England, April – June 2009](#)

by I Kar-Purkayastha, C Ingram, H Maguire, A Roche

During the containment phase in the United Kingdom (April to June 2009), a cluster of influenza A(H1N1)v cases was identified prompting further investigation and public health action by the Health Protection Agency

[Epidemiological and clinical characteristics of influenza A\(H1N1\)v infection in children: The first 45 cases in Cyprus, June – August 2009](#)

by M Koliou, ES Soteriades, MM Toumasi, A Demosthenous, A Hadjidemetriou

Following the first imported case in a tourist in Cyprus on 2 June 2009, the influenza A(H1N1)v virus has spread on the island affecting mainly young adults and children.

- [AUG 20] [Clinical and epidemiologic characteristics of 3 early cases of influenza A pandemic \(H1N1\) 2009 virus, People's Republic of China.](#)
Bin C, Xingwang L, Yuelong S, Nan J, Shijun C, Xiayuan X, et al; National Influenza A Pandemic (H1N1) 2009 Clinical Investigation Group. Emerg Infect Dis. 2009 Sep; [Epub ahead of print]
- [AUG 20] [Nurses' contacts and potential for infectious disease transmission.](#)
Bernard H, Fischer R, Mikolajczyk RT, Kretzschmar M, Wildner M. Emerg Infect Dis. 2009 Sep; [Epub ahead of print]
- [AUG 20] [Genomic diversity of oseltamivir-resistant influenza virus A \(H1N1\), Luxembourg, 2007-08 \[letter\].](#)
Gerloff NA, Kremer JR, Mossong J, Opp M, Muller CP. Emerg Infect Dis. 2009 Sep; [Epub ahead of print]
- [AUG 20] [Emergence of European Avian Influenza Virus-Like H1N1 Swine Influenza A Viruses in China](#)
Jinhua Liu, Yuhai Bi, Kun Qin, Guanghua Fu, Jun Yang, Jinshan Peng, Guangpeng Ma, Qinfang Liu, Juan Pu, and Fulin Tian. Journal of Clinical Microbiology, August 2009, p. 2643-2646, Vol. 47, No. 8.
- [AUG 19] [Modeling the effects of influenza vaccination of health care workers in hospital departments](#) *
van den Dool C, Bonten MJ, Hak E, Wallinga J. Modeling the effects of influenza vaccination of health care workers in hospital departments. Vaccine. Epub ahead of print.
- [AUG 19] [Safety and Immunogenicity of a Novel Influenza Subunit Vaccine Produced in Mammalian Cell Culture](#)
Szymczakiewicz-Multanowska A, Groth N, Bugarini R, et al. Safety and immunogenicity of a novel influenza subunit vaccine produced in Mammalian cell culture. J Infect Dis. 2009 Sep 15;200(6):841-8.
- [AUG 19] [Commentary: Influenza Vaccine Manufacture: Keeping Up with Change](#)
Neuzil KM, Bright RA. Influenza vaccine manufacture: keeping up with change. J Infect Dis. 2009 Sep 15;200(6):835-7.
- [AUG 19] [Swine influenza \(H1N1\) pandemic: developing countries' perspective](#)
Khan SI, Akbar SM, Hossain ST, Mahtab MA. Swine influenza (H1N1) pandemic: developing countries' perspective. Rural Remote Health. 2009 Jul-Sep;9(3):1262.
- [AUG 18] [Pandemic lessons from Australia](#)
Sweet M. Pandemic lessons from Australia. BMJ 2009;339:b3317. Published 18 August 2009, doi:10.1136/bmj.b3317
- [AUG 18] [Influenza Immunization in Pregnancy](#) *
Macdonald NE, Riley LE, Steinhoff MC. Obstet Gynecol. 2009 Aug;114(2, Part 1):365-368.

- [AUG 18] [Pandemic influenza: what obstetricians need to know](#) *
Phillippe M. Obstet Gynecol. 2009 Aug;114(2 Pt 1):206-8.
- [AUG 17] [Preparing for pandemic \(H1N1\) 2009](#)
Hebert PC, MacDonald N. Preparing for pandemic (H1N1) 2009. (Editorial) CMAJ. 2009; 181: DOI:10.1503/cmaj.091426. Early release August 17, 2009.
- [AUG 17] [Estimating the reproduction number of the novel influenza A virus \(H1N1\) in a Southern Hemisphere setting: preliminary estimate in New Zealand](#)
Nishiura H, Wilson N, Baker MG. N Z Med J. 2009 Jul 24;122(1299):73-7.
- [AUG 17] [A comparative study of the 1918-1920 influenza pandemic in Japan, USA and UK: mortality impact and implications for pandemic planning.](#)
Richard SA, Sugaya N, Simonsen L, Miller MA, Viboud C. Epidemiol Infect. 2009 Aug;137(8):1062-72.
- [AUG 15] [Viral loads and duration of viral shedding in adult patients hospitalized with influenza](#)
Lee N, Chan PK, Hui DS, Rainer TH, Wong E, Choi KW et al. J Infect Dis. 2009 Aug 15;200(4):492-500.
- [AUG 15] [Influenza in hospitalized adults: gaining insight into a significant problem](#)
Ison MG. J Infect Dis. 2009 Aug 15;200(4):485-8
- [AUG 14] [Ruling Out Novel H1N1 Influenza Virus Infection with Direct Fluorescent Antigen Testing.](#)
Pollock NR, Duong S, Cheng A, Han LL, Smole S, Kirby JE. Clin Infect Dis. 2009 Aug 14. [Epub ahead of print]
- [AUG 6] [August 6, 2009 H1N1 issue of Eurosurveillance \(whole issue\)](#)
- [AUG 14] [Oseltamivir-Resistant Novel Influenza A \(H1N1\) Virus Infection in Two Immunosuppressed Patients --- Seattle, Washington, 2009](#)
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Business Resources

Harvard Health Publications

- [ARCHIVED] [Business Preparedness for Pandemic: Executive Briefing for Corporate and Governmental Decision-makers](#)
- [ARCHIVED] [Link to report from U.S. Government Accountability Office re Pandemic Planning and funding](#)

Canadian Business

- [ARCHIVED] [H1N1 virus: A Plan for the Worst](#)

Consumer Health Information Resources

- [ARCHIVED] [Krames Patient Education Handouts - H1N1 Flu Virus](#)
- [ARCHIVED] [MEDLINEplus - H1N1 Flu \(Swine Flu\)](#)
- [ARCHIVED] [Specialized Information Service - National Library of Medicine](#)

[ARCHIVED] [Tufts University - \(SPIRAL\) Selected Patient Information in Asian Languages](#)

Other Scientific Resources

[AUG 18] [eMedicine H1N1 overview](#)

[JUNE 17] [White paper on novel H1N1](#)

Barry J. White paper on novel H1N1. Engineering Systems Division Working Paper Series ESD-WP-2009-07. Massachusetts Institute of Technology (MIT) 2009. 19 pages.

Clinical and Public Health Practice Tools

[AUG 18] The Public Health Agency of Canada in collaboration with the Canadian Public Health Association, the Professional Development & Conferencing Services, Faculty of Medicine, Memorial University is pleased to introduce a new continuing medical education (CME) online course.

Created in consultation with front-line clinicians and infectious disease experts from across Canada, the [Infectious Disease Outbreaks: Tools and strategies for front-line clinicians](#) course is evidence-based and focuses on the coordination between clinical care, public health and the laboratory.

[JUNE 15] [Algorithms from 18 US states to assist in decisions regarding testing and treatment of H1N1](#)

Historical Resources

[AUG 17] [A comparative study of the 1918-1920 influenza pandemic in Japan, USA and UK: mortality impact and implications for pandemic planning.](#)
Richard SA, Sugaya N, Simonsen L, Miller MA, Viboud C. Epidemiol Infect. 2009 Aug;137(8):1062-72.

[JUN 30] [Swine flu of 1976: lessons from the past. An interview with Dr Harvey V Fineberg](#)
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[JUN 29] [The Persistent Legacy of the 1918 Influenza Virus. New England Journal of Medicine.](#)
Morens DM, Taubenberger JK, Fauci AS. The persistent legacy of the 1918 influenza virus. N Engl J Med. 2009 Jul 16;361(3):225-9. Epub 2009 Jun 29.

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Zimmer SM, Burke DS. Historical perspective--Emergence of influenza A (H1N1)

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[ARCHIVED] [Nonpharmaceutical Interventions Implemented by US Cities During the 1918-1919 Influenza Pandemic](#)

Markel H, Lipman HB, Navarro JA, et al. Nonpharmaceutical Interventions Implemented by US Cities During the 1918-1919 Influenza Pandemic. JAMA. 2007;298(6):644-654.

[ARCHIVED] [The Swine Flu Affair: Decision-Making on a Slippery Disease](#)

Neustadt RE, Fineberg HV. The Swine Flu Affair: Decision-Making on a Slippery Disease. Washington: US Department of Health, Education, and Welfare; 1978. Online book.

Travel Advisories

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