

# pH1N1 Flu Virus (Human Swine Influenza) Information Resources

Current as of October 6, 2009 at 4pm

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## Highlights

### COCA Conference Call:

H1N1 Pediatrics Update and Overview of CDC's Child Care Guidance

Date: Wednesday, October 7, 2009

Time: 4:00 - 5:00 PM ET

Call-in number: 888-283-2960

Passcode: 7113863

### PHAC:

[Mexico Hosts High Level North American Meeting in Response to 2009 Influenza A \(H1N1\)](#)

The Government of Mexico today hosted a meeting with senior officials from Canada and the United States as part of ongoing North American efforts to address the challenges posed by the 2009 Influenza A(H1N1). The objectives of the meeting were for the three countries to take stock of efforts to date, and to continue sharing lessons learned and strategies to further prepare for and respond to the 2009 Influenza A(H1N1) virus.

### CDC:

[Healthcare Providers and Facilities - Decision Tree for 2009 H1N1 Vaccination](#)

## Literature:

[Respiratory Protection Against Influenza](#)

Srinivasan A, Perl TM. *JAMA*. 2009;302(17):(doi:10.1001/jama.2009.1494).

[Surgical Mask vs N95 Respirator for Preventing Influenza Among Health Care Workers: A Randomized Trial](#)

Mark Loeb; Nancy Dafoe; James Mahony; et al. *JAMA*. published online Oct 1, 2009

Summaries for Patients : [The Effects of Hand Washing and Facemasks on Prevention of Influenza Infection](#)

*Annals of Internal Medicine*. 6 October 2009 ; 151(7):I-18

[Conflict emerges over value of handwashing as a preventive flu transmission measure](#)

Early release, published at [www.cmaj.ca](http://www.cmaj.ca) on October 5, 2009. Subject to revision.

[Effectiveness and Cost-Effectiveness of Vaccination Against Pandemic Influenza \(H1N1\) 2009](#)

Khazeni N, Hutton DW, Garber AM, Hupert N, Owens DK. *Annals of Internal Medicine*. 2009 Dec 15;151(12).

[Initial psychological responses to Influenza A, H1N1 \("Swine flu"\)](#)

Robin Goodwin R, Haque S, Neto F, Myers LB. *BMC Infectious Diseases* 2009, 9:166

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[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](#)  
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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

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

Date: Wednesday, October 7, 2009  
Time: 4:00 - 5:00 PM ET  
Call-in number: 888-283-2960  
Passcode: 7113863

The PowerPoint Presentation will be available on the COCA website on October 7th:  
<http://emergency.cdc.gov/coca/callinfo.asp>

The purpose of the call is to share the latest in H1N1 pediatric news and to discuss CDC Guidance on Helping Child Care and Early Childhood Programs Respond to Influenza during the 2009–2010 Influenza Season.

Objectives:

After this activity, the participants will be able to:

1. Describe the latest information related to H1N1 and pediatrics.
2. Discuss interim guidance on helping child care and early childhood programs respond to influenza during the 2009–2010 influenza season.
3. Identify potential issues as well as suggestions for additional resources that may be of benefit to health care providers.

### Archived

[OCT 06]

[SEP 30] The Honourable Leona Aglukkaq, federal Minister of Health, along with Dr. David Butler-Jones, Chief Public Health Officer of Canada, and Dr. Patricia Huston, Infectious Disease and Emergency Preparedness at the Public Health Agency of Canada, will provide an update on the H1N1 flu virus.

Webcast of media briefing:

[http://www.phac-aspc.gc.ca/alert-alerter/h1n1/h1n1\\_webcast-eng.php](http://www.phac-aspc.gc.ca/alert-alerter/h1n1/h1n1_webcast-eng.php)

[SEP 30] [COCA Conference Call: Overview of H1N1 Vaccine Safety: Licensing, Clinical Trials, and Vaccine Safety Monitoring](#)

Slides: [Powerpoint](#) (735 KB/ 43 slides)

[SEP 29] [National Obstetric Grand Rounds: Pandemic \(H1N1\) 2009 Influenza and Pregnancy.](#)

[SEP 25] Public Health Agency of Canada update on the H1N1 flu virus.

Webcast of media briefing: [http://www.phac-aspc.gc.ca/alert-alerter/h1n1/h1n1\\_webcast-eng.php](http://www.phac-aspc.gc.ca/alert-alerter/h1n1/h1n1_webcast-eng.php)

[SEP 23] [Social Media and Technology Breakthroughs: H1N1 and Seasonal Flu Communication](#)

Free Webinar to Discuss Using Social Media to Plan and Communicate for Flu

[SEP 23] [Planning for an Influenza Pandemic in the Home Health Care Sector \(Web Conference\)](#)

To showcase resources that can support emergency preparedness planning within AHRQ will host a Web conference on September 23, 2009.

[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 01] [Ontario Influenza Bulletin: Surveillance Week 38 \(Sep 20 – Sep 26\)](#)

For the surveillance period of September 20 to September 26, 2009 :

- Overall, influenza activity in Ontario was similar compared to the previous week.
- 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 was above the average rate expected at this time of year.
- Health units reported either sporadic activity or no influenza activity for the current reporting week.
- There are 4,089 confirmed cases of H1N1 flu virus reported through the integrated Public Health System (iPHIS) as of September 26, 2009.

As of September 30 :

- 24 deaths have been reported among confirmed H1N1 cases.
- 14 people who have the H1N1 flu virus were in hospital as of 8:30 a.m. on September 30, a number of whom have underlying medical conditions. 365 other people have been hospitalized and have since been discharged.
- A larger number of hospitalized cases were reported this week compared to last week. No new deaths among cases were reported this week.

[SEP 24] News release: [Ontario Announces Flu Shot Rollout for Seasonal and H1N1 Vaccines](#)

[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 2<sup>nd</sup>, 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 06] [Mexico Hosts High Level North American Meeting in Response to 2009 Influenza A \(H1N1\)](#)

The Government of Mexico today hosted a meeting with senior officials from Canada and the United States as part of ongoing North American efforts to address the challenges posed by the 2009 Influenza A(H1N1). The objectives of the meeting were for the three countries to take stock of efforts to date, and to continue sharing lessons learned and strategies to further prepare for and respond to the 2009 Influenza A(H1N1) virus.

[OCT 01] [Deaths Associated with H1N1 flu virus in Canada](#) [Sept. 24-29]

No deaths reported since last update, 78 deaths in total.

[OCT 05] [FluWatch findings for Week 36 \(week ending Sep 26\)](#)

- The overall influenza activity increased for a second consecutive week, but still relatively low. The national ILI consultation rate remained similar to the previous week but was slightly above the expected range for this time of the year. The proportion of positive tests and the number of regions with localized or widespread activity were also higher than the previous week.
- BC had a particularly high influenza activity this week with almost 20% of positive influenza tests and eleven influenza outbreaks. NT was also affected with 2 outbreaks in schools and 3 new hospitalized cases due to Pandemic (H1N1) 2009.
- This week, 99.1% of the positive influenza A subtyped specimens were Pandemic (H1N1) 2009.
- The intensity of Pandemic (H1N1) 2009 in the population was low with twelve hospitalizations and no deaths reported this week. Hospitalized cases were reported from BC, SK, ON, QC and NT. As of September 26, 2009, a total of 1,479 hospitalized cases including 292 cases admitted to an intensive care unit (ICU) and 153 cases required ventilation as well as 78 deaths had been reported since the beginning of the pandemic.
- The influenza activity increased in the U.S. for a fourth consecutive week.
- The number of confirmed cases in Mexico reached higher levels in September than the Pandemic (H1N1) 2009 peak in April.

[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 05] [Questions & Answers : 2009 H1N1 Influenza Vaccine](#)



[OCT 05] [Seasonal and 2009 H1N1 Flu: A Guide for Parents Brochure and Flyer](#)



[OCT 05] [Healthcare Providers and Facilities - Decision Tree for 2009 H1N1 Vaccination](#)

[OCT 02] [H1N1 Clinicians Questions and Answers](#)

[OCT 02] [2009-2010 Influenza Season Triage Algorithm for Adults \(>18 Years\) With Influenza-Like Illness](#)

[OCT 02] [2009 H1N1 Influenza Vaccine and Pregnant Women: Information for Healthcare Providers](#)

[OCT 02] [2009 H1N1 Influenza Shots and Pregnant Women: Questions and Answers for Patients](#)

[OCT 02] [Patients with Asthma: Considerations for Clinicians Regarding 2009 H1N1 Influenza Virus](#)

[OCT 02] [Asthma Information for Patients and Parents of Patients](#)

[OCT 02] [Weekly FluView Map and Surveillance Report for Week Ending September 26, 2009](#)

- During week 38 (September 20-26, 2009), influenza activity remained elevated in the U.S
- 2,126 (22.8%) 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.
- 99% of all subtyped influenza A viruses being reported to CDC were 2009 influenza A (H1N1) viruses.
- The proportion of deaths attributed to pneumonia and influenza (P&I) was below the epidemic threshold.
- Eleven influenza-associated pediatric deaths were reported and all eleven were associated with 2009 influenza A (H1N1) virus infection.
- The proportion of outpatient visits for influenza-like illness (ILI) was above the national baseline. Regions 2 through 10 reported ILI above region-specific baseline levels; only Region 1 was below its region-specific baseline.
- Twenty-seven states reported geographically widespread influenza activity, Guam and 18 states reported regional influenza activity, two states, the District of Columbia, and Puerto Rico reported local influenza activity, one state reported sporadic influenza activity, and the U.S. Virgin Islands and two states did not report.
- The 2009-10 influenza season officially begins October 4, 2009.

[OCT 02] [2009 H1N1 Flu: Situation Update](#)

Cases Defined by	Hospitalizations	Deaths
Influenza and Pneumonia Syndrome*	12,863	1,197
Influenza Laboratory-Tests**	3,311	182
<b>Totals:</b>	<b>16,174</b>	<b>1,379</b>

- [OCT 02] Vaccine Information Statement: [Live, Intranasal 2009 H1N1 Influenza Vaccine](#)
- [OCT 02] Vaccine Information Statement: [Inactivated 2009 H1N1 Influenza Vaccine](#)
- [OCT 02] [U.S. Influenza and Pneumonia-Associated Hospitalizations and Deaths from September 20-26, 2009](#)  
As of 11:00 AM ET on October 2, 2009, CDC is reporting 16,174 hospitalizations and 1,379 deaths. This reports all influenza and pneumonia-associated hospitalizations and deaths (including 2009 H1N1 and seasonal flu) since August 30, 2009 received by CDC from U.S. states and territories.
- [OCT 02] [2009 H1N1 Flu: International Situation Update](#)  
As of October 2, 2009, the World Health Organization (WHO) regions have reported over 343,298 laboratory-confirmed cases of 2009 H1N1 with at least 4,108 deaths.
- [OCT 01] [Questions and Answers on 2009 H1N1 Vaccine Financing](#)
- [OCT 01] [Preparing for the Flu: A Communication Toolkit for the Federal Workforce](#)
- [ARCHIVED] [Previous CDC documents and updates](#)

## Other US Sources

- [OCT 01] [Orders for Live Attenuated Influenza Vaccine](#) [mentioned in CIDRAP section last Friday]
- [OCT 02] Trust for America's Health (TFAH). [H1N1 challenges ahead](#). 2009.
- [OCT 01] Robert Wood Johnson Foundation: [New Report Finds Hospital Beds Could Run Out in 15 States if 35 Percent of Americans Get H1N1](#)
- [SEP 29] Institute of Medicine: [Guidance for Establishing Crisis Standards of Care for Use in Disaster Situations](#)

## Center for Infectious Disease Research and Policy



- [OCT 06] [Cuba asks international help getting vaccine](#)  
The Cuban government has asked the World Health Organization (WHO) and the Pan American Health Organization to help the country acquire H1N1 vaccine, saying the formula is too expensive for it to afford on its own. The island nation has officially recorded 468 cases of H1N1 flu but no deaths since the pandemic began.



- [OCT 06] [Tunisia prohibits hajj pilgrimages](#)  
Though some Muslim countries have taken measures to limit the number of people making the hajj pilgrimage to curb the spread of pandemic flu, Tunisia today became the first to bar its citizens from making the trip, Reuters reported today. The country's

religious affairs ministry said a vaccine would not arrive in time to vaccinate pilgrims for November travel. About 10,000 Tunisians typically make the trip every year.

[OCT 06] [Study shows regional variance in pandemic response](#)  
In the first several days after the WHO declared pandemic level 5 on Apr 29, Malaysians showed greater concern than their European counterparts but also more preparedness steps, according to a study released today. Forty-two percent of Malaysians and only 5% of Europeans said they were "very concerned" about the outbreak. Malaysians also ranked higher in reduced public transport use (48% to 22%), flight cancellations (56 % to 17%), and intent to buy protective equipment (41% to 15%).



[OCT 05] [WHO will not act on unpublished Canadian data](#)  
A teleconference convened Friday by the WHO to assess the validity of unpublished data linking seasonal flu vaccine and development of H1N1 flu did not find the association persuasive, according to the Canadian Press. The data by Canadian researchers, contained in an article that is in press at an unnamed medical journal but apparently has circulated widely, has led to almost universal scaling back of seasonal flu shot campaigns in Canada



[OCT 05] [US health workers get first pandemic flu vaccine doses](#)  
The nation's first doses of the pandemic H1N1 vaccine were administered today, mainly to a limited group of healthcare workers and emergency medical service workers, while some physicians' offices fielded calls about when the vaccine would be more widely available.



[OCT 05] [UN officials call for more donated vaccine](#)  
Though some vaccine companies and affluent nations have already donated supplies of pandemic flu vaccine to developing nations, more is needed, officials from the World Health Organization (WHO) and the United Nations said yesterday, according to a Reuters report.



[OCT 05] [NYC's schools hold pandemic vaccine drill](#)  
New York City health and education department will hold vaccination clinics at five of the city's schools next week to prepare for school based pandemic H1N1 vaccine clinics. Parents will start receive consent forms to sign if they want their children to receive the vaccine. The city said it will begin an 8-week school-based vaccination effort in late October at the elementary schools. In November and December vaccine clinics will be held at middle schools and high schools on weekends.

[OCT 02] [States reveal plans for first H1N1 vaccine deliveries](#)  
Many states and some cities will receive their first pandemic H1N1 vaccine doses on Oct 6, and most will distribute the first doses to healthcare workers, though some have included young children in the very first groups to be immunized.

[OCT 02] [Pandemic flu widespread in 27 states](#)  
The US Centers for Disease Control and Prevention (CDC) said today that 27 states reported geographically widespread influenza activity for the week that ended Sep 26, up 1 state from the previous week..

[OCT 02] [Flu cases drop at US colleges](#)



The number of flu-like illnesses at colleges dropped 19% from the previous week, according to a report for the week ending Sep 25 from the American College Health Association (ACHA)..

- [OCT 02] [Poll finds limited interest in vaccine, growing H1N1 worry](#)  
Another poll has found lukewarm interest in getting the pandemic H1N1 vaccine. A Harvard survey found that 40% of adults were certain they'd get the shot and 51% were sure they'd get their kids vaccinated, slightly higher than in a recent Consumer Reports poll.
- [OCT 02] [Taiwanese flu case reports reveal viral pneumonia](#)  
A review of the medical records from the first 100 severe H1N1 cases in Taiwan, initially posted to an international listserv, reveals that complex illness tends to strike children and young adults who are obese or have other underlying conditions, including pregnancy.
- [OCT 02] [Researchers name severe flu syndrome: FLAARDS](#)  
Australian and New Zealand researchers have dubbed the direst manifestation of H1N1 flu "FLAARDS," for "flu A-associated acute respiratory disease syndrome," according to Bloomberg News.
- [OCT 01] [Preparedness report spells out H1N1 challenges](#)
- [OCT 01] [Poll: Americans iffy on pandemic flu shot](#)
- [OCT 01] [US Army records H1N1 death](#)
- [OCT 01] [Flu sidelines 1 in 14 on US Navy ship](#)
- [OCT 01] [Sanofi warns of delay in seasonal flu shots](#)
- [OCT 01] [Sanofi study confirms H1N1 vaccine 1-dose efficacy](#)
- [SEP 30] [Researchers find mutation in novel H1N1](#)
- [SEP 30] [Military flu shots to provide data](#)
- [ARCHIVED] [Current overview and older updates from CIDRAP](#)

## Health Protection Agency (UK)



- [OCT 06] [Weekly International Summary](#) [taken from WHO data]
- [OCT 01] [HPA Weekly National Influenza Report](#) 01 October 2009 (Week 40)
- [OCT 01] [HPA weekly pandemic flu media update](#)
- Rates of flu-like illness and related activity have shown further increases in England. The largest rises in England have been seen in the North West and Yorkshire and Humber.
  - The flu-like illness rate in England from the Royal College of General Practitioners (RCGP) scheme increased to 22.2 per 100,000 in week 39. Most age groups saw an increase.

- 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. The largest increase was in the 25-44 year olds (8,796 in week 38 to 12,055 in week 39).
- 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 14,000 new cases in England last week (range 7,000 to 30,000). This is a 50 per cent rise since the previous week.  
*This estimate incorporates data from National Pandemic Flu Service and GP consultations.*
- Globally, activity is generally increasing in the northern hemisphere, is variable in the tropical regions and has largely returned to baseline in the southern hemisphere.

[ARCHIVED] [Swine Influenza page](#)

## Department of Health (UK)

[OCT 01] [Guidance On Sickness Certification In Response To The Swine Flu Pandemic](#)

[SEP 29] [Pandemic influenza: recommendations on the use of antiviral medicines for pregnant women, women who are breastfeeding and children under the age of one year](#)

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

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



[OCT 06] [ECDC Daily Update: Pandemic H1N1 2009](#)

- Updates from U.S.A. and Canada included;
- Total of 189 fatal cases in Europe and EFTA countries and 4 315 in the rest of the world have been reported up to date.

[OCT 05] [ECDC Executive Update: Pandemic influenza A\(H1N1\) 2009 \(Issue 13\)](#)

[OCT 02] [How best to use the pandemic vaccines when they become available?](#)

[OCT 01] [Scientific Advances: Comparison between the 1957 and 2009 pandemics – a close but imperfect fit](#)

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



## European Union

- [OCT 02] [Personal message from Commissioner Vassiliou](#)
- [OCT 02] [European Medicines Agency recommends authorisation of additional vaccine for influenza pandemic \(H1N1\) 2009](#)
- [SEP 25] [EMA gives positive opinions for authorisation of two pandemic influenza vaccines](#)
- [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 2] [Pandemic \(H1N1\) 2009 - update 68](#)
  - As of 27 September 2009, worldwide there have been more than 340,000 laboratory confirmed cases of pandemic influenza H1N1 2009 and over 4100 deaths reported to WHO.
  - All pandemic H1N1 2009 influenza viruses analyzed to date have been antigenically and genetically similar to A/California/7/2009-like pandemic H1N1 2009 virus.
  - Transmission of influenza virus and rates of influenza-like-illness (ILI) continue to increase in the temperate regions of the northern hemisphere. In North America, influenza transmission is geographically widespread and continues to increase. Levels of ILI have continued to increase and remain above the seasonal baseline for the past 4 weeks in most regions of the United States. In Europe and Central and Western Asia, although overall influenza activity remains low an increase in transmission has been noted in a number of countries and continues to intensify in others. Rates of influenza-like-illness continue to be above baseline levels in Ireland, parts of the United Kingdom (Northern Ireland), Israel, and France; in addition, more than 10 other countries in the region have reported geographically localized spread of influenza. In Japan, influenza activity has continued to increase above the seasonal epidemic threshold since week 33. In the tropical regions of the Americas and Asia, influenza transmission remains active but the trends in respiratory diseases activity are mixed. In the temperate regions of the southern hemisphere, influenza transmission has largely returned to baseline (Chile, Argentina, and New Zealand) or has declined substantially (Australia and South Africa).
- [SEP 29] [WHO supports fair access to influenza A \(H1N1\) vaccine.](#)  
Kieny MP. Bull World Health Organ. 2009 Sep;87(9):653-4.
- [SEP 29] [Support for developing countries' response to the H1N1 influenza pandemic. Joint Statement by the UN Secretary-General and the WHO Director-General](#)
- [ARCHIVED] [WHO H1N1 Guidance Documents](#)
- [ARCHIVED] [Older WHO Updates](#)

## Pan-American Health Organization (PAHO)

[OCT 02] [Regional Update. Pandemic \(H1N1\) 2009. \(published on October 2, 2009\)](#)

Summary of the situation reported during the last week

- 8,869 new confirmed cases (146,016 cumulative cases in 35 countries).
- 158 new confirmed deaths (3,292 confirmed deaths in 25 countries).
- 98.9% of the influenza A viruses that were subtyped were pandemic (H1N1) 2009.
- South America experienced low intensity and a decrease or unchanged trend
- North America experienced an increasing trend despite low intensity of acute respiratory disease everywhere except for Mexico
- Central America experienced low or moderate intensity and a decreasing trend.
- The Caribbean experienced low or moderate intensity and an increasing trend.

Number of confirmed cases and deaths

- As of 2nd October 2009, a total of 146,106 confirmed cases have been reported in all 35 countries in the Americas Region.
- A total of 3,292 deaths have been reported among the confirmed cases in 25 countries of the Region.

[SEP 25] [PAHO/WHO launches two communities of practice \(CoPs\) related to the Pandemic \(H1N1\) 2009](#)

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

## Australia and New Zealand

[SEP 30] [Free pandemic vaccine available for all](#)

From Sep 30 all States and Territories began offering vaccine to adults and children 10 years and over. Once the vaccine is registered for younger children by the Therapeutic Goods Administration, children will also be eligible to be vaccinated.

A total of 5.5 million doses of the vaccine have been delivered around Australia for the start of this program.



[OCT 06] [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 36,927 confirmed cases of pandemic (H1N1) 2009.
- As of 6 October, 183 people have died. Of these deaths, four were pregnant women and 24\* (13.11%) were Indigenous.
- **The reporting of *current hospitalisations* has been replaced by weekly reporting of *new hospitalisations***, as States and Territories have moved from reporting data daily to reporting weekly.
- There have been 36 new hospitalisations for the past week around Australia with pandemic (H1N1) 2009. Of these, 1 of the people in hospital is Indigenous Australian. There have been 10 people admitted to Intensive Care Units this week
- The total number of hospitalisations in Australia since pandemic (H1N1) 2009 is identified at 4,806.

- [SEP 30] [New Zealand Pandemic Influenza \(H1N1\) 09 Swine Flu - Update 153](#)
- There are a total of 3163 confirmed cases of Pandemic Influenza (H1N1) 09 swine flu (click link to read the full update)

[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 06] [Respiratory Protection Against Influenza](#)  
Srinivasan A, Perl TM. *JAMA*. 2009;302(17):(doi:10.1001/jama.2009.1494).



[OCT 06] [Surgical Mask vs N95 Respirator for Preventing Influenza Among Health Care Workers: A Randomized Trial](#)  
Mark Loeb; Nancy Dafoe; James Mahony; et al. *JAMA*. published online Oct 1, 2009; (doi:10.1001/jama.2009.1466)



[OCT 06] Summaries for Patients : [The Effects of Hand Washing and Facemasks on Prevention of Influenza Infection](#)  
*Annals of Internal Medicine*. 6 October 2009 ; 151(7):1-18  
*Summaries for Patients* are a service provided by *Annals* to help patients better understand the complicated and often mystifying language of modern medicine



[OCT 06] [Conflict emerges over value of handwashing as a preventive flu transmission measure](#)  
Early release, published at [www.cmaj.ca](http://www.cmaj.ca) on October 5, 2009. Subject to revision.



[OCT 06] [Effectiveness and Cost-Effectiveness of Vaccination Against Pandemic Influenza \(H1N1\) 2009](#)  
Khazeni N, Hutton DW, Garber AM, Hupert N, Owens DK. *Annals of Internal Medicine*. 2009 Dec 15;151(12).



[OCT 06] [Effectiveness and Cost-Effectiveness of Expanded Antiviral Prophylaxis and Adjuvanted Vaccination Strategies for an Influenza A \(H5N1\) Pandemic](#)

Khazeni N, Hutton DW, Garber AM, Owens DK. *Annals of Internal Medicine*. 2009 Dec 15;151(12).



[OCT 06] [The Modern Crystal Ball: Influenza Forecasting With Mathematical Models](#)

Kansagra, S. M., Farley, T. A. *Annals of Internal Medicine*. 2009 Dec 15;151(12).



[OCT 06] [Initial psychological responses to Influenza A, H1N1 \("Swine flu"\)](#)

Robin Goodwin R, Haque S, Neto F, Myers LB. *BMC Infectious Diseases* 2009, 9:166



[OCT 06] [Antiviral drugs for treatment of patients with pandemic \(H1N1\) 2009 virus \[letter\].](#)

Hartley DM, Nelson NP, Perencevich EN. *Emerg Infect Dis*. 2009 Nov; [Epub ahead of print]



[OCT 06] [Evidenced-based tool for triggering school closures during influenza outbreaks, Japan.](#)

Sasaki A, Gatewood A, Ozonoff A, Suzuki H, Tanabe N, Seki N, et al. *Emerg Infect Dis*. 2009 Nov; [Epub ahead of print]



[OCT 06] [\[Influenza pandemic of novel \(H1N1\) 2009 virus in Chile: How we dealt with the first wave?\]\\*](#)

Dabanch P J, Perret P C. *Rev Chilena Infectol*. 2009 Aug;26(4):307-8. Epub 2009 Sep 23. Spanish. No abstract available.



[OCT 06] [The first novel influenza A \(H1N1\) fatality despite antiviral treatment and extracorporeal membrane oxygenation in Hong Kong.\\*](#)

Liong T, Lee KL, Poon YS, Lam SY, Chan CP, Yue CS, et al. *Hong Kong Med J*. 2009 Oct;15(5):381-4.



[OCT 06] [Differential susceptibility of different cell lines to swine-origin influenza A H1N1, seasonal human influenza A H1N1, and avian influenza A H5N1 viruses.\\*](#)

Li IW, Chan KH, To KW, Wong SS, Ho PL, Lau SK, et al. *J Clin Virol*. 2009 Oct 2. [Epub ahead of print]



[OCT 06] [Antibacterial agents in patients with swine flu.\\*](#)

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- Pandemic Influenza and Pregnancy: An Opportunity to Reassess Maternal Bioethics. S231-S235.
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## **Business Resources**

- [SEP 17] [Planning for 2009 H1N1 Influenza : A Preparedness Guide for Small Business](#) [CDC along with Department of Homeland Security and U.S. Small Business Administration]
- [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](#)

## Clinical and Public Health Practice Tools

[AUG 18] [Infectious Disease Outbreaks: Tools and Strategies for Front-line Clinicians](#)

Created in consultation with front-line clinicians and infectious disease experts from across Canada, this 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

[OCT 01] [Scientific Advances: Comparison between the 1957 and 2009 pandemics – a close but imperfect fit](#)

[SEP 29] [Salicylates and Pandemic Influenza Mortality, 1918–1919 Pharmacology, Pathology, and Historic Evidence](#)

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## Travel Advisories

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- [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](#)