

# H1N1 Flu Virus (Human Swine Influenza)

## Information Resources

(last updated May 7th, 2009, 5pm)

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### Overview



- Confirmed cases in Ontario as of May 7, 5pm: **56**  
The breakdown of the Ontario cases is as follows:
  - The Ontario cases involve 25 males and 30 females (further information still pending from one other case) with an age range of 3 to 52.
  - Provincial monitoring status: Enhanced



- Confirmed cases in Canada as of May 7, 5pm: **214**
  - BC (54), Alberta (33), Saskatchewan (2), Manitoba (1), Ontario (56), Quebec (11), New Brunswick (2), Nova Scotia (53), PEI (2)
- Confirmed cases worldwide as of May 7, 5pm: **2371** (incl. 44 deaths)
  - WHO pandemic level: 5
- New England Journal of Medicine launches [H1N1 site](#)

### MOHLTC Media lines

General Public: Info Line 1-866-532-3161

Media: Media line 416-314-6197 or 1-888-414-4774

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##### United States

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##### International

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

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#### Live Searches, News Feeds and Disease Tracking Tools

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## Events

### Upcoming

None

### Archived

Grand Rounds Series: Emerging Issue - Novel Influenza A (H1N1) presented by Patricia Quinlisk, M.D., M.P.H. of the Upper Midwest Center for Public Health Preparedness at the University of Iowa College of Public Health. [May 6]

[http://www.public-health.uiowa.edu/icphp/grand\\_rounds/archive/2009/pdf/050609-Quinlisk.pdf](http://www.public-health.uiowa.edu/icphp/grand_rounds/archive/2009/pdf/050609-Quinlisk.pdf)

Transcript and Audio for May 1 CDC Clinician Conference Call on Maternal and Child Health Issues Related to the Current Outbreak of the New Influenza Virus of Swine Origin [May 1]

[http://emergency.cdc.gov/coca/summaries/pdf/InterimH1N1Flu\\_MCH\\_issues050109.pdf](http://emergency.cdc.gov/coca/summaries/pdf/InterimH1N1Flu_MCH_issues050109.pdf)

## Ministry of Health and Long-Term Care (MOHLTC)



7 New Confirmed Cases of H1N1 Flu Virus (Human Swine Flu) In Ontario: All Cases are Mild and Recovering at Home

[http://www.health.gov.on.ca/english/media/news\\_releases/archives/nr\\_09/may/nr\\_20090507.html](http://www.health.gov.on.ca/english/media/news_releases/archives/nr_09/may/nr_20090507.html)

Health Unit	Total Confirmed Cases
Toronto	15
York Region	11
Durham Region	7
Peel Region	7
Windsor Essex	5
Sudbury and District	3
Simcoe Muskoka District	2
Halton	2
City of Ottawa	2
Oxford County	1
Middlesex-London	1
<b>TOTAL</b>	<b>56</b>

Previous MOHLTC updates and **news conference video footage** available at:

[http://www.health.gov.on.ca/english/public/updates/archives/hu\\_09/swine\\_flu.html](http://www.health.gov.on.ca/english/public/updates/archives/hu_09/swine_flu.html)

## Important Health Notices

Information for Health Professionals: update [May 5]

[http://www.health.gov.on.ca/english/providers/program/emu/health\\_notice\\_s/ihn\\_20090505.pdf](http://www.health.gov.on.ca/english/providers/program/emu/health_notice_s/ihn_20090505.pdf)

Guidance for Influenza-like Illness (ILI) Management in Long-Term Care (LTC) [May 5]

[http://www.health.gov.on.ca/english/providers/program/emu/health\\_notice\\_s/ihn\\_guidance\\_20090505.pdf](http://www.health.gov.on.ca/english/providers/program/emu/health_notice_s/ihn_guidance_20090505.pdf)

## Ontario Agency for Health Protection and Promotion (OAHPP)

Swine Influenza Outbreak page [no new resources since May 1]

<http://www.oahpp.ca/SRI%20Bulletin.php>

## Public Health Agency of Canada (PHAC)



Confirmed cases in Canada as of May 7, 5pm: **214**

Province / Territory	Total Confirmed Cases
BC	54
Alberta	33
Saskatchewan	2
Manitoba	1
Ontario	56
Quebec	11
New Brunswick	2
Nova Scotia	53
PEI	2
Newfoundland	0
Yukon	0
NWT	0
Nunavut	0
<b>TOTAL</b>	<b>214</b>

<http://www.phac-aspc.gc.ca/alert-alerte/swine-porcine/surveillance-eng.php>



Role of the Public Health Agency of Canada's National Microbiology Laboratory: H1N1 Flu Virus Outbreak Response [May 7]

[http://www.phac-aspc.gc.ca/media/nr-rp/2009/2009\\_0507\\_h1n1-eng.php](http://www.phac-aspc.gc.ca/media/nr-rp/2009/2009_0507_h1n1-eng.php)



Webcast: Media briefing on the science and testing involved in identifying the H1N1 flu virus (human swine flu), and on the epidemiological and laboratory support being provided in Mexico [May 7]

[http://www.phac-aspc.gc.ca/alert-alerte/swine\\_webcast-eng.php](http://www.phac-aspc.gc.ca/alert-alerte/swine_webcast-eng.php)

Canada's National Microbiology Laboratory in Winnipeg First in World To Decode Genetic Makeup of H1N1 Flu Virus [May 6]

[http://www.phac-aspc.gc.ca/media/nr-rp/2009/2009\\_0506\\_h1n1-eng.php](http://www.phac-aspc.gc.ca/media/nr-rp/2009/2009_0506_h1n1-eng.php)

Previous PHAC documents and updates available from:

[http://www.phac-aspc.gc.ca/alert-alerte/swine\\_200904-eng.php](http://www.phac-aspc.gc.ca/alert-alerte/swine_200904-eng.php)

## Centers for Disease Control and Prevention (CDC)



Confirmed cases in the US as of May 7: **896** (2 deaths)

Status: Public Health Emergency

<http://www.cdc.gov/h1n1flu/update.htm>



Update: Novel Influenza A (H1N1) Virus Infections --- Worldwide, May 6, 2009. MMWR. 2009; 58(17): 453-458 [posted May 7]

<http://www.cdc.gov/mmwr/preview/mmwrhtml/mm5817a1.htm>

Previous CDC documents and updates available from:

<http://www.cdc.gov/h1n1flu/guidance/>

## Center for Infectious Disease Research and Policy



Swine flu breaking news [May 7]: Cases top 2,000, potential global burden, farm residents test negative, USAID efforts, vaccine contract

<http://www.cidrap.umn.edu/cidrap/content/influenza/swineflu/news/may0709breaknews.html>

## Health Protection Agency (UK)

Update on confirmed swine flu cases in UK – **34** confirmed [May 7]

[http://www.hpa.org.uk/web/HPAweb&HPAwebStandard/HPAweb\\_C/1241418694666?p=1231252394302](http://www.hpa.org.uk/web/HPAweb&HPAwebStandard/HPAweb_C/1241418694666?p=1231252394302)

Algorithm for the management of suspected cases (returning travellers and visitors from countries affected by swine influenza A/H1N1 or contacts)

[http://www.hpa.org.uk/web/HPAwebFile/HPAweb\\_C/1240732819361](http://www.hpa.org.uk/web/HPAwebFile/HPAweb_C/1240732819361)

Advice on exclusion from schools and workplaces [May 6]  
[http://www.hpa.org.uk/web/HPAweb&HPAwebStandard/HPAweb\\_C/1241418706890](http://www.hpa.org.uk/web/HPAweb&HPAwebStandard/HPAweb_C/1241418706890)

Standard practical advice for investigating individuals with possible swine influenza infection [May 5]  
[http://www.hpa.org.uk/web/HPAwebFile/HPAweb\\_C/1241048770758](http://www.hpa.org.uk/web/HPAwebFile/HPAweb_C/1241048770758)

Swine Influenza page:  
<http://www.hpa.org.uk/webw/HPAweb&Page&HPAwebAutoListName/Page/1240732817665?p=1240732817665>

## **European Centre for Disease Prevention and Control (ECDC)**

Situation report [May 7]:

Main developments in the past 24 hours:

- 17 new confirmed cases reported from EU and EFTA countries;
- Poland and Sweden reported the first confirmed cases;
- To date, 142 confirmed and 4 probable cases are reported in 13 EU and EFTA countries;
- No sustained human-to-human transmission has been recorded so far in the EU;
- Outside of EU and EFTA countries, 2098 cases are reported, 2075 of which are confirmed;
- Mexico has reported over 1000 cases since the start of the outbreak.

[http://www.ecdc.europa.eu/en/files/pdf/Health\\_topics/Situation\\_Report\\_090507.pdf](http://www.ecdc.europa.eu/en/files/pdf/Health_topics/Situation_Report_090507.pdf)

What EU and EFTA countries should do in pandemic phases 5 and 6 [May 7]  
[http://www.ecdc.europa.eu/en/health\\_content/Articles/article\\_20090507.aspx](http://www.ecdc.europa.eu/en/health_content/Articles/article_20090507.aspx)

Maps, surveillance summaries and previous ECDC updates available from:

<http://www.ecdc.europa.eu/en/Health%5Ftopics/novel%5Finfluenza%5Fvirus/2009%5FOutbreak/>

## **World Health Organization (WHO)**

Update 20 [May 7]: 24 countries have officially reported 2371 cases of influenza A (H1N1) infection. Mexico has reported 1112 laboratory confirmed human cases of infection, including 42 deaths. The United States has reported 896 laboratory confirmed human cases, including two deaths.

The following countries have reported laboratory confirmed cases with no deaths - Austria (1), Canada (201), China, Hong Kong Special Administrative Region (1), Colombia (1), Costa Rica (1), Denmark (1), El Salvador (2), France (5), Germany (10), Guatemala (1), Ireland (1), Israel (6), Italy (5), Netherlands (2), New Zealand (5), Poland (1), Portugal (1), Republic of Korea (3), Spain (81), Sweden (1), Switzerland (1) and the United Kingdom (32).

[http://www.who.int/csr/don/2009\\_05\\_07a/en/index.html](http://www.who.int/csr/don/2009_05_07a/en/index.html)

WHO H1N1 Guidance documents:

<http://www.who.int/csr/disease/swineflu/guidance/en/index.html>

For older updates, see

<http://www.who.int/csr/disease/swineflu/en/index.html>

## **Pan-American Health Organization (PAHO)**



Update: Influenza A(H1N1) Regional Report [May 7]

[http://new.paho.org/hq/index.php?option=com\\_content&task=view&id=1324&Itemid=569](http://new.paho.org/hq/index.php?option=com_content&task=view&id=1324&Itemid=569)



PAHO Influenza A(H1N1) Portal

[http://new.paho.org/hq/index.php?option=com\\_content&task=blogcategory&id=805&Itemid=569&lang=en](http://new.paho.org/hq/index.php?option=com_content&task=blogcategory&id=805&Itemid=569&lang=en)

## **Google News Search on Swine Flu**

<http://www.google.com/cse?cx=014077570761466621685%3As7g-vqi-dmo&cof=FORID%3A11&q=swine+flu&sa=search+influenza+sites>

## **Mapping Resources**



WHO Map (2371 confirmed cases, 44 deaths worldwide as of May 7)

[http://www.who.int/csr/don/GlobalSubnationalMaster\\_20090507\\_1800.png](http://www.who.int/csr/don/GlobalSubnationalMaster_20090507_1800.png)

Pan-American Health Organization: Atlas to Confirmed Cases of Influenza A(H1N1)

<http://ais.paho.org/flu/sm/en/atlas.html>

HealthMap: Swine flu global disease alert map

<http://www.healthmap.org/en>

Google: Swine flu map

<http://maps.google.com/maps/ms?ie=UTF8&hl=en&t=p&msa=0&msid=106484775090296685271.0004681a37b713f6b5950&z=2>

## Twitter Feeds, Weblogs, RSS Feeds, etc

World Health Organization News on Twitter

<http://twitter.com/whonews>

Veratect on Twitter: tracking the swine influenza event with up-to-the-minute information about potential spread of the disease to aid in early response efforts

<http://twitter.com/Veratect>

Health Map on Twitter

<http://twitter.com/healthmap>

Avian/Pandemic Influenza Daily Digest on Twitter

<http://twitter.com/AIDigest>

CDC swine flu updates on Twitter

<http://twitter.com/cdcemergency>

Avian/Pandemic Influenza Daily Digest Blog

<http://aidailydigest.blogspot.com/>

Avian/Pandemic Influenza Daily Digest RSS Feed

[http://twitter.com/statuses/user\\_timeline/32957440.rss](http://twitter.com/statuses/user_timeline/32957440.rss)

## Scientific Resources



New England Journal of Medicine H1N1 Influenza Center

<http://h1n1.nejm.org/>

- Today's research articles (PDF):

[Emergence of a Novel Swine-Origin Influenza A \(H1N1\) Virus in Humans](#)

[Triple-Reassortant Swine Influenza A \(H1\) in Humans in the United States, 2005–2009](#)



Medline Literature search on H1N1 (current as of today). Click [here](#) to run a search.



Journal: *Vector-Borne and Zoonotic Diseases* is freely available through the end of May for better understanding of the H1N1 influenza epidemic

<http://www.liebertonline.com/vbz>





Research Publications on Influenza A(H1N1) from the American Society for Microbiology are Freely Available  
<http://tinyurl.com/asmh1n1>.



Global Health database: international coverage of all aspects of human health from the Centre for Agriculture and Biosciences International.  
<http://217.154.120.6/GLOBALHEALTH/searchform-quicksearch.nsp>



DynaMed clinical summaries on Swine Flu and H1N: free worldwide access thanks to EBSCO <http://www.ebscohost.com/dynamed/swineflu/> and <http://www.ebscohost.com/dynamed/h1n1/>

## Consumer Health Resources

Animated Swine Flu movie for Children  
<http://www.brainpop.com/health/diseasesinjuriesandconditions/swineflu/>

## Historical Resources

The Swine Flu Affair: Decision-Making on a Slippery Disease [1978]  
[http://www.nap.edu/catalog.php?record\\_id=12660&utm\\_medium=email&utm\\_source=National%20Academies%20Press&utm\\_campaign=Swine%20Flu%203&utm\\_content=Downloader&utm\\_term](http://www.nap.edu/catalog.php?record_id=12660&utm_medium=email&utm_source=National%20Academies%20Press&utm_campaign=Swine%20Flu%203&utm_content=Downloader&utm_term)

## Travel Advisories

No new advisories issued.