

H1N1 Flu Virus (Human Swine Influenza)

Information Resources

(last updated May 8th, 2009, 12pm)

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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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

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

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

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
TOTAL	56

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

Important Health Notices



Information on Novel H1N1 Influenza A - Frequently Asked Questions for Primary Care Practitioners

http://www.health.gov.on.ca/english/providers/program/emu/health_notice/s/ihn_primarycare_faq_20090507.pdf



Information on the Novel H1N1 Influenza Virus for Primary Care Practitioners

http://www.health.gov.on.ca/english/providers/program/emu/health_notice/s/ihn_primarycare_fs_20090507.pdf



Information for Health Care Professionals : Update

http://www.health.gov.on.ca/english/providers/program/emu/health_notice/s/ihn_20090507.pdf

Ontario Agency for Health Protection and Promotion (OAHPP)

Swine Influenza Outbreak page [no new resources since May 3]

<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
TOTAL	214

<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



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

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

Previous PHAC documents and updates available from:
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>



H1N1 Flu resources for businesses and employers [May 8]
<http://www.cdc.gov/h1n1flu/business/>



H1N1 Flu (Swine Flu) and you : questions and answers [updated May 8]
<http://www.cdc.gov/h1n1flu/qa.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 – **39** confirmed [May 8]
http://www.hpa.org.uk/web/HPAweb&HPAwebStandard/HPAweb_C/1241418757718



Health Protection Agency leads work on gaining greater understanding of Swine flu virus (May 8): Scientists at the Health Protection Agency (HPA) have produced the first genetic fingerprint of the swine flu virus infecting humans across Europe.
http://www.hpa.org.uk/web/HPAweb&HPAwebStandard/HPAweb_C/1241418744649

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

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 8]:

Main developments in the past 24 hours:

- 14 new confirmed cases reported from EU and EFTA countries.
- New cases of in-country transmission reported from Spain (4) and the UK (1).
- Outside of EU and EFTA countries, 2357 cases are reported, 2333 of which are confirmed.
- “First sequence-confirmed case of infection with the new influenza A(H1N1) strain in Germany”, published in Eurosurveillance:
<http://www.eurosurveillance.org/ViewArticle.aspx?ArticleId=19203>.
- Initial epidemiological findings in the European Union published in Eurosurveillance:

<http://www.eurosurveillance.org/ViewArticle.aspx?ArticleId=19204>

http://www.ecdc.europa.eu/en/files/pdf/Health_topics/Situation_Report_090508.pdf



Seasonal influenza activity in Europe continues to be low and declining but human infections with a novel influenza virus were reported

http://ecdc.europa.eu/en/health_content/episu/090508_EISS.aspx

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

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 21 [May 8]: **24** countries have officially reported **2384** cases of influenza A (H1N1) infection. [only information given on May 8 at time that this document was prepared. The link to Update 21 was not posted]

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

PAHO Influenza A(H1N1) Portal

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-vqj-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

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

Scientific Resources



New England Journal of Medicine H1N1 Influenza Center

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

- 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

Travel Advisories

No new advisories issued.