



Content on this page was developed during the 2009-2010 H1N1 pandemic and has not been updated.

- **The H1N1 virus that caused that pandemic is now a regular human flu virus and continues to circulate seasonally worldwide.**
- **The English language content on this website is being archived for *historic and reference purposes only*.**
- **For current, updated information on seasonal flu, including information about H1N1, see the CDC Seasonal Flu website (<http://www.cdc.gov/flu/>).**

2009 H1N1 Flu: International Situation Update

February 16, 2010, 3:00 PM ET

This report provides an update to the international situation using data collected through February 7, 2010, and reported by the World Health Organization (WHO) on February 12. WHO continues to report laboratory-confirmed 2009 H1N1 flu cases and deaths

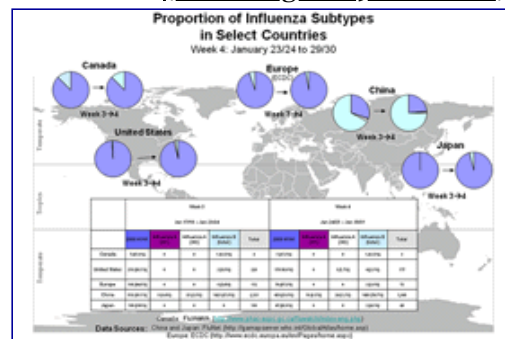
(<http://www.who.int/csr/disease/swineflu/updates/en/>)

External Web Site Icon
 (<http://www.cdc.gov/Other/disclaimer.html>) on its Web page. These laboratory-confirmed cases represent a substantial underestimation of total cases in the world, as most countries focus surveillance and laboratory testing only on people with severe illness.

In nearly all countries of the world where influenza infection is reported, the 2009 H1N1 influenza virus continues to predominate among all subtyped influenza A viruses. For the most recent period in which data are available, from January 24, 2010 to January 30, 2010, 45.8% were typed as influenza A and 54.2% as influenza B. Out of all subtyped influenza A viruses, 94% were 2009 H1N1 positive.

In temperate regions of the Southern Hemisphere, sporadic cases of 2009 H1N1 continue to be reported but no substantial increases in influenza activity have been observed. In the northern temperate and tropical regions of the Americas, 2009 H1N1 activity continues to decrease or remain low in most places. The most active areas of influenza transmission continue to occur in later peaking areas, particularly Northern Africa, South Asia, and East Asia.

Map of International Activity Estimates (Including 2009 H1N1 Flu)







([map.htm](#))

Selected Highlights







- According to WHO, the majority of 2009 H1N1 influenza isolates tested worldwide remain sensitive to oseltamivir, an antiviral medicine used to treat influenza disease. 245 2009 H1N1 isolates tested worldwide have been found to be resistant to oseltamivir – 60 of these isolates were detected in the United States.
- Influenza B activity continues to increase in China, accounting for 72.2% of all influenza detections in the reporting week. Intermittent detections of seasonal A (H1N1), A (H3N2) and influenza B viruses were also reported from certain countries in Africa, Europe, and the Middle East region. .

International Resources for 2009 H1N1 Information

Health Organizations

- [World Health Organization \(WHO\)](http://www.who.int/csr/disease/swineflu/en/index.html) (<http://www.who.int/csr/disease/swineflu/en/index.html>) 
(<http://www.cdc.gov/Other/disclaimer.html>)
- [ECDC \(European Centre for Disease Prevention and Control\)](http://ecdc.europa.eu/en/Health_topics/novel_influenza_virus/2009_Outbreak/)
(http://ecdc.europa.eu/en/Health_topics/novel_influenza_virus/2009_Outbreak/) 
(<http://www.cdc.gov/Other/disclaimer.html>)
- [H2P \(Humanitarian Pandemic Preparedness\)](http://www.pandemicpreparedness.org/) (<http://www.pandemicpreparedness.org/>) 
(<http://www.cdc.gov/Other/disclaimer.html>)
- [Public Health Agency of Canada](http://www.phac-aspc.gc.ca/alert-alerte/swine_200904-eng.php) (http://www.phac-aspc.gc.ca/alert-alerte/swine_200904-eng.php) 
(<http://www.cdc.gov/Other/disclaimer.html>)






World Health Organization (WHO) Regional Offices

- [AFRO \(WHO Regional Office for Africa\)](http://www.afro.who.int/ddc/influenzaa/index.html) (<http://www.afro.who.int/ddc/influenzaa/index.html>) 
(<http://www.cdc.gov/Other/disclaimer.html>)
- [AMRO \(WHO Regional Office for the Americas\) / PAHO \(Pan American Health Organization\)](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) 
(<http://www.cdc.gov/Other/disclaimer.html>)
- [EMRO \(WHO Regional Office for the Eastern Mediterranean\)](http://www.emro.who.int/index.asp) (<http://www.emro.who.int/index.asp>) 
(<http://www.cdc.gov/Other/disclaimer.html>)
- [EURO \(WHO Regional Office for Europe\)](http://www.euro.who.int/influenza/ah1n1) (<http://www.euro.who.int/influenza/ah1n1>) 
(<http://www.cdc.gov/Other/disclaimer.html>)
- [SEARO \(WHO Regional Office for South-East Asia\)](http://www.searo.who.int/) (<http://www.searo.who.int/>) 
(<http://www.cdc.gov/Other/disclaimer.html>)
- [WPRO \(WHO Regional Office for the Western Pacific\)](http://www.wpro.who.int/health_topics/h1n1/) (http://www.wpro.who.int/health_topics/h1n1/) 
 (<http://www.cdc.gov/Other/disclaimer.html>)

Travel and 2009 H1N1 Flu

Human cases of 2009 H1N1 flu virus infection have been identified in the United States and several countries around the world. For information on 2009 H1N1 flu and travel, see the [CDC H1N1 Flu and Travel website](http://www.cdc.gov/travel/content/novel-h1n1-flu.aspx) (<http://www.cdc.gov/travel/content/novel-h1n1-flu.aspx>).

Reports and Publications

- [White House Report on 2009 H1N1 in the Southern Hemisphere](http://www.flu.gov/professional/global/southernhemisphere.html)
(<http://www.flu.gov/professional/global/southernhemisphere.html>) 
(<http://www.cdc.gov/Other/disclaimer.html>)
Issued August 2009 – This White House report was prepared by the Department of Health and Human Services (HHS) in coordination with the Office of the Director for National Intelligence (ODNI) and the Department of State (Dos) and describes the characteristics and impact of 2009 H1N1 influenza A virus in the Southern Hemisphere.
- [ECDC Interim Risk Assessment Influenza A \(H1N1\) 2009 Pandemic](http://ecdc.europa.eu/en/files/pdf/Health_topics/090720_Influenza_A(H1N1)_Risk_Assessment.pdf) 
([http://ecdc.europa.eu/en/files/pdf/Health_topics/090720_Influenza_A\(H1N1\)_Risk_Assessment.pdf](http://ecdc.europa.eu/en/files/pdf/Health_topics/090720_Influenza_A(H1N1)_Risk_Assessment.pdf)) 
(<http://www.cdc.gov/Other/disclaimer.html>)
Issued July 30, 2009 - This document provides an interim risk assessment of novel H1N1 flu in Europe prepared by ECDC.
- [World Health Organization Weekly Epidemiological record](http://www.who.int/wer/2009/wer8430.pdf) 
(<http://www.who.int/wer/2009/wer8430.pdf>)  (<http://www.cdc.gov/Other/disclaimer.html>) – Issued July 24, 2009
This document by WHO provides updates on the international novel H1N1 flu situation.

- MMWR – Update: Novel Influenza A (H1N1) Virus Infection – Mexico, March-May, 2009.
(</mmwr/preview/mmwrhtml/mm5821a2.htm>) – Issued June 5, 2009 / Vol. 58 / No. 21.
This Morbidity and Mortality Weekly Report describes the novel influenza A (H1N1) outbreak in Mexico from March-May, 2009.
- MMWR – Update: Novel Influenza A (H1N1) Virus Infections – Worldwide, May 6, 2009.
(</mmwr/preview/mmwrhtml/mm5817a1.htm>) – Issued May 8, 2009 / Vol. 58 / No. 17.
This Morbidity and Mortality Weekly Report describes worldwide novel influenza A (H1N1) infections as of May 6, 2009.

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