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For additional flu information visit: [www.michigan.gov/flu](http://www.michigan.gov/flu)

## Novel H1N1 Flu Situation Update

**INTERNATIONAL:** According to the World Health Organization (WHO) as of May 21, 2009, 41 countries have officially reported 11,034 cases of novel influenza A(H1N1) infection, including 85 deaths. For a breakdown of cases throughout the world, click [here](#).

**UNITED STATES:** As of May 21, 2009, the Centers for Disease Control and Prevention (CDC) is reporting 5,764 cases in 48 states and the District of Columbia (D.C.), including 9 deaths. For more information visit the CDC [website](#).

**MICHIGAN:** there have been 175 cases reported as of May 20, 2009. For further information, visit Michigan's novel influenza A (H1N1) website at [www.michigan.gov/h1n1flu](http://www.michigan.gov/h1n1flu).

The WHO pandemic phase of alert remains at **phase 5**. For more information on the pandemic alert phases click [here](#).

## Serum Cross-Reactive Antibody Response to a Novel Flu A (H1N1) Virus After Vaccination with Seasonal Flu Vaccine

In an early release of CDC's MMWR, researchers used stored serum specimens collected during previous vaccine studies to assess the level of cross-reactive antibody to the novel influenza A (H1N1) virus in cohorts of children and adults. The results indicated that before vaccination, no cross-reactive antibody to the novel influenza A (H1N1) virus existed among children. Among adults, before vaccination, cross-reactive antibody was detected in 6%--9% of those aged 18--64 years and in 33% of those aged >60 years. To continue reading this article, click [here](#).

## Hospitalized Patients with Novel Influenza A (H1N1) Virus Infection

On May 18, 2009, an early release of CDC's MMWR describes 30 hospitalized cases in California with diagnosed novel influenza A (H1N1) virus. The report summarizes the spectrum of illness severity and the impact of underlying risk factors on patients who were hospitalized with the infection. The report also discusses the need to monitor patients carefully when they are treated with antiviral therapy. To read the article in its entirety, click [here](#).

## Production of Novel H1N1 Flu Vaccine

In the upcoming weeks and months, the production of novel H1N1 flu vaccine is expected to be a topic heavily discussed. Click on the following links to read recent articles related to the subject:

[Ad hoc Policy Advisory Working Group on Influenza A \(H1N1\) vaccines](#)

[Sanofi, Glaxo Must Get Ready for Swine Shot, WHO Says](#)

[WHO: Making swine flu vaccine harder than thought](#)

## Hot off the Press

Instead of a summary of the numerous news articles on novel Influenza A (H1N1), the following is a list of recent articles. Click on the title to read the article.  
[Could H1N1 start to resist drugs?](#)

[H1N1 flu must be global before Phase 6: WHO chief](#)

[WHO chief to seek deal on sharing flu virus samples](#)

[U.S. officials consider bumping up flu shot season](#)

[Regular flu vaccine little help against new strain](#)

[Survey Finds Link Between Obesity and Flu Severity](#)

[New Virus Appears to Be a Factor in Extended Flu Season](#)

News about seasonal flu:

[Flu shot not effective in preventing flu-related hospitalizations in asthmatic children](#)

## Resources

Michigan's H1N1 influenza web page: [www.michigan.gov/h1n1flu](http://www.michigan.gov/h1n1flu)

CDC's H1N1 influenza web page: [www.cdc.gov/H1N1flu](http://www.cdc.gov/H1N1flu)

FDA's Center for Biologics Evaluation and Research (CBER) H1N1 influenza web page: <http://www.fda.gov/cber/flu/H1N1.htm>

Immunization Action Coalition H1N1 influenza web page: <http://www.immunize.org/h1n1/>

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