



Michigan Department of Community Health, 201 Townsend Street, Lansing, MI 48913
For additional flu information visit: www.michigan.gov/flu

Seasonal Influenza

2009-10 SUPPLY UPDATES FROM CDC:

- The current estimate of doses available is between 114-115 million doses, which is slightly lower (3%) than earlier estimates. Slight changes in production estimates are to be anticipated because of the uncertainties involved in making biological products. Of note, this estimate still slightly exceeds the amount of flu vaccine that has been distributed in a single year in the US.
- H1N1 vaccine production efforts are being carried out in such a way to minimize any impact upon the total amount of seasonal vaccine available.

CDC is aware that during the past several weeks providers seeking to order seasonal flu vaccine experienced challenges in doing so. There are several reasons for these challenges:

- In early June, one of the manufacturers adjusted down their seasonal flu vaccine estimates, which resulted in some customers switching prebooks to other products. These switches reserved surplus un-booked vaccines that were still available for order, making doses that are normally available for order during the summer and early fall months no longer available.
- There may be more providers seeking to purchase seasonal flu vaccine at this time of year than normally occurs

To assist providers in finding flu vaccine available for purchase, the [Influenza Vaccine Availability Tracking System](#) is available.

JOURNAL ARTICLES

In the most recent edition of the *American Journal of Infection Control*, a study entitled "[Influenza Vaccination Attitudes and Practices Among US Registered Nurses](#)," which partially took place in Ann Arbor, MI was published.

IN THE NEWS:

[Govt: Don't forget the regular flu shot this year](#)

[Providers having trouble getting seasonal flu vaccine](#)

RESOURCES:

Find a flu clinic in your area using the American Lung Association's [Flu Clinic Locator](http://www.flucliniclocator.org) www.flucliniclocator.org

Visit [Alana's Flu foundation](#) and [Families Fighting Flu](#) for additional influenza information.

Influenza-related MMWRs

On September 10th, 2009, CDC published an early release MMWR including the following articles:

- [Update: Influenza Activity – United States, April-August 2009](#)
- [Oseltamivir-Resistant 2009 Pandemic Influenza A \(H1N1\) Virus Infection in Two Summer Campers Receiving Prophylaxis --- North Carolina, 2009](#)
- [Receipt of Influenza Vaccine During Pregnancy Among Women With Live Births --- Georgia and Rhode Island, 2004–2007](#)

2009 Influenza A H1N1

VACCINE INFORMATION

On September 10, 2009 the *New England Journal of Medicine* published two articles on only needing one dose of 2009 H1N1:

- ["Response after One Dose of a Monovalent Influenza A \(H1N1\) 2009 Vaccine – Preliminary Report"](#)
- ["Trial of Influenza A \(H1N1\) 2009 Monovalent MF59-Adjuvanted Vaccine – Preliminary Report"](#)

RECENT 2009 H1N1 FLU VACCINE NEWS

[NIAID Launches 2009 H1N1 Influenza Vaccine Trial in Pregnant Women](#)

ANTIVIRAL GUIDANCE - 2009 H1N1

On September 8, 2009 CDC released [Updated Interim Recommendations for the Use of Antiviral Medications in the Treatment and Prevention of Influenza for the 2009-2010 Season](#).

Also released: [CDC QUESTIONS & ANSWERS: REVISED RECOMMENDATIONS FOR THE USE OF INFLUENZA ANTIVIRAL DRUGS](#)

On September 9th, 2009 MDCH released [GUIDANCE FOR COMPOUNDING OF TAMIFLU® CAPSULES](#)

RECENT NEWS ARTICLES ON ANTIVIRALS

[U.S. Agency's H1N1 Antiviral Guidance Emphasizes Early Treatment for High-Risk Groups](#)

[Revised CDC guidance on flu antivirals stresses early treatment](#)

SCHOOLS, COLLEGES AND DAYCARES

On September 14, 2009, NACCHO will be showing a webinar, "School-located Influenza Vaccination Using Multiple Types of Vaccinators." To register for the event, click [here](#).

On September 4, 2009, the CDC released [Updated Guidance for Child Care and Early Childhood Programs](#). Additionally, www.flu.gov has posted a toolkit on their website.

MDCH Guidance & Materials: For a full list of MDCH materials related to Child Care Programs, K - 12 Schools, Colleges & Universities, Camps click [here](#).

RECENT FLU NEWS ON SCHOOLS AND COLLEGES

MICHIGAN NEWS: [Flu-stricken schools urged to remain open](#)

National News: [Influenza Like Illness \(ILI\) in Colleges and Universities](#)

[Health officials: swine flu spreading across Alabama](#)

[Officials give pandemic flu advice for high-risk kids](#)

BUSINESSES AND WORKPLACES

RECENT NEWS

[Four-Fifths of Businesses Foresee Severe Problems Maintaining Operations If Significant H1N1 Flu Outbreak](#)

MDCH Updates

Michigan State Medical Society (MSMS) and MDCH are presenting *Get Immunized: A Webcast Series* on September 8, 15, 22, and 29. For more information, click [here](#).

FALL CONFERENCES

Registration is open for the Fall Regional Immunization Conferences. For more information, click [here](#).

MDCH would like to extend an invite for any interested health care professional to become involved in the Flu Advisory Board (FAB). To join FAB, contact Cristi Carlton at carltonc2@michigan.gov

FluBytes is distributed to MDCH flu partners for informational and communication purposes. Please feel free to distribute widely. An archived list of past FluBytes issues can be found [here](#). To access the latest edition of Mi Flu Focus, click [here](#).

EPIDEMIOLOGY OF 2009 H1N1

RECENT NEWS

[ER physicians fear possible fall flood of flu](#)

CLINICAL CHARACTERISTICS OF 2009 H1N1

In a recent study published in the journal *Nature Biotechnology* research showed that 2009 H1N1 can infect cells deeper in the lungs than seasonal flu, making people who catch it more likely to develop serious complications. To read a review of the study, click [here](#).

INTERNATIONAL 2009 H1N1 NEWS

INTERNATIONAL JOURNAL ARTICLES

On September 3rd, the following article was published in *Eurosurveillance*:

[Assessment of Secondary Attack Rate and Effectiveness of Antiviral Prophylaxis Among Household Contacts in an Influenza A \(H1N1\)v Outbreak in Kobe, Japan](#)

INTERNATIONAL NEWS ARTICLES

[Swine flu situation in China 'grim': health minister](#)

[France Kisses Goodbye to 'La Bise' Amid H1N1 Fears](#)

[H1N1 detected in live pigs imported into Singapore](#)

[WHO warns of winter swine flu surge in Asia](#)

Flu Resources

It's time for the public to vote for the best video in the HHS Flu Prevention Public Service Announcement (PSA) Contest. For more information, click [here](#).

Three Federal Agencies Join with Sesame Workshop to [Launch National PSA Campaign](#) Stressing Healthy Habits to Prevent H1N1 Flu Infection

Congressional Research Reports for the People recently posted: [The 2009 Influenza Pandemic: Selected Legal Issues](#)

Michigan's H1N1 influenza web page: www.michigan.gov/h1n1flu

CDC's H1N1 influenza web page: www.cdc.gov/H1N1flu

World Health Organizations H1N1 web page: <http://www.who.int/csr/disease/swineflu/en/index.html>

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

ARCHIVES OF 2009 H1N1 JOURNAL ARTICLES

[The Lancet](#) has partnered with over 40 journals and 11 learned societies to launch a resource centre on 2009 H1N1 for healthcare professionals

[British Medical Journal](#)

[Eurosurveillance](#)