



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

Seasonal Influenza

SEASONAL VACCINE SUPPLY UPDATE

Unfortunately, some healthcare facilities are having difficulty finding available vaccine to purchase. Be assured that though seasonal influenza vaccine may be in temporary short supply in some settings right now, production is expected to catch up to demand soon. Seventy-seven million doses have been distributed, which is more than we have ever distributed at this time in the flu season.

CDC issued this brief update based on information that sanofi provided to CDC: "Sanofi pasteur is making all reasonable efforts to deliver both Fluzone vaccine and the H1N1 pandemic vaccine as quickly as possible, but this effort continues to present production and shipping challenges. Sanofi is working at maximum capacity to produce 125 million doses of vaccine in the time it typically takes to produce 50 million seasonal doses. Unfortunately, the unprecedented challenge of producing 2 influenza vaccines in 1 year has led to multiple changes to scheduled ship dates. In terms of timing, sanofi has indicated that they will make all reasonable efforts to complete shipment by the end of November, and they will continue to ship doses into the public and private sectors following an equitable shipping schedule."

Michigan has [posted information](#) for consumers and healthcare providers who are asking for information on where to find flu vaccine.

NEW GUIDANCE & REPORTS ON SEASONAL FLU

A CDC MMWR report was released today addressing [Influenza Vaccination Coverage Among Children and Adults --- United States, 2008--09 Influenza Season](#)

HHS posted a [press release](#) on October 2, 2009, describing a new guide available from U.S. Government for community and faith-based organizations working to help Americans stay healthy from H1N1 and seasonal flu.

2009 H1N1 Influenza

PUBLICATIONS

A CDC MMWR report was released today: [Update on Influenza A \(H1N1\) 2009 Monovalent Vaccines](#)

In the most recent edition of the journal *Annals of Internal Medicine*, researchers studied the [Effectiveness and Cost-Effectiveness of Vaccination Against Pandemic Influenza \(H1N1\) 2009](#). The study found that vaccinating 40 percent of the people in October or 35 percent in November saves lives, cuts medical costs and shortens the pandemic, compared with later vaccination. Click on the link above for further results.

2009 H1N1 PUBLICATIONS CONTINUED

On October 6, 2009, *the British Medical Journal* published the following study: [Partial protection of seasonal trivalent inactivated vaccine against novel pandemic influenza A/H1N1 2009: case-control study in Mexico City](#)

The high death toll during the 1918-1919 influenza pandemic might be attributed to the misuse of aspirin, says an article published in the online edition of *Clinical Infectious Diseases*, the article sounds a cautionary note at a time when health experts are discussing their concerns about the novel H1N1 virus.

MDCH GUIDANCE ON THE 2009 H1N1 VACCINATION PROGRAM

The 2009 H1N1 [Influenza Provider Toolkit](#) is now available. The toolkit should serve as your one-stop shop for all matters related to 2009 H1N1 flu vaccine. Sections in the toolkit include:

- Michigan Care Improvement Registry (MCIR)
- Storage and Handling
- Vaccine Administration
- Vaccine Safety/Patient Education
- Vaccine Adverse Event Reporting System (VAERS)
- Liability Protection
- Influenza Antiviral Guidance
- Influenza Testing Guidance
- And much more

Additionally, check www.michigan.gov/flu frequently for the most recent information and guidance.

FEDERAL GUIDANCE ON 2009 H1N1

On October 7, 2009 CDC released the following guidance:

[Questions & Answers: 2009 H1N1 Nasal Spray Vaccine](#)

[Key Facts About 2009 H1N1 Flu Vaccine](#)

[Questions and Answers on 2009 H1N1 Vaccine Financing](#)

RECENT 2009 H1N1 VACCINE IN THE NEWS

[No need to change vaccine policy based on Canadian flu shot data: WHO](#)

[Surviving the Swine Flu: One Michigan Man's Story](#)

[Swine Flu Vaccinations Start as Officials Attack Myths](#)

[WHO says H1N1 vaccine safe, urges mass take-up](#)

2009 H1N1 - INTERNATIONALLY

RECENT NEWS

[Share H1N1 vaccines with poor countries, U.N. urges](#)

[Experience Guides Mexico as Swine Flu Cases Surge](#)

[Study supports flu vaccination of nursing home staff](#)

UPDATES ON ANTIVIRALS

On October 8, 2009, CDC posted the following guidance document: [2009 H1N1 and Seasonal Flu: What You Should Know About Flu Antiviral Drugs](#)

SCHOOLS, COLLEGES AND DAY CARES

On October 8, 2009, CDC posted the following guidance document: [School-Located H1N1 Influenza Vaccination: Related Materials](#)

BUSINESSES AND WORKPLACES

On October 6, 2009, the U.S. Equal Employment Opportunity Commission released updated guidance: [Pandemic Preparedness in the Workplace and the Americans with Disabilities Act](#)

RECENT NEWS ON BUSINESSES AND WORKPLACES

[Unpaid Sick Days Leave Parents With Tough Choices During Flu Season](#)

[Guidance targets pandemic-related questions about disability law](#)

INFECTION CONTROL

JOURNAL ARTICLES

On October 1, 2009 the *Journal of the American Medical Association* published the following study: ["Surgical Mask vs N95 Respirator for Preventing Influenza Among Health Care Workers"](#)

A related news article:

[Study suggests masks rival respirators for flu protection](#)

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](#).

CLINICAL CHARACTERISTICS OF 2009 H1N1

The *New England Journal of Medicine* published two studies today: [Hospitalized Patients with 2009 H1N1 Influenza in the United States, April-June 2009](#) and [Critical Care Services and 2009 H1N1 Influenza in Australia and New Zealand](#). The studies describe severe cases of H1N1 influenza, and generally confirmed previous findings that most of them occur in non-elderly people who have chronic health conditions but that previously healthy people are also affected.

UPDATED CLINICAL GUIDANCE FROM CDC

The following Clinical guidance was posted this week: [H1N1 Clinicians Questions and Answers \(10/6\)](#)

[People at High Risk of Developing Flu-Related Complications \(10/8\)](#)

[What Should Pregnant Women Know About 2009 H1N1 Flu \(Swine Flu\)? \(10/6\)](#)

Flu Resources

Visit CDC's website for 2009-10 Flu Season Print Materials: <http://www.cdc.gov/flu/freeresources/print.htm>

A complete list of CDC's 2009 H1N1 guidance is located at: <http://www.cdc.gov/h1n1flu/guidance/>

The federal government's www.flu.gov Web site has two [new features](#): 1) a self-evaluation section for adults offering click-through assessment aimed at determining whether flu is or is not present; 2) a guidance on self-care, preventing transmission, and warning signs of serious disease.

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/>