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## 2009 H1N1 VACCINE UPDATES

For quality assurance, manufacturers perform routine, ongoing stability testing of vaccine after it has been shipped to providers. Stability testing means measuring the potency of a vaccine over time. On December 18 and 21, MedImmune notified CDC and FDA that the potency of 13 lots of monovalent 2009 (H1N1) nasal spray vaccine had decreased below a pre-specified limit or were at risk of falling below that limit in the next week. This slight decrease in vaccine potency is not expected to have an impact on the protective response to vaccination. However, because their potency is now or might soon be below the specified lower limit, MedImmune will send providers directions for returning any unused vaccine from these lots. Information about the recall can be accessed through [CDC's Health Alert Network](#) website. In addition, on December 22, 2009 CDC posted: [Voluntary Non-Safety-Related Recall of Specific Lots of Nasal Spray Vaccine for 2009 H1N1 Influenza](#)

## JOURNAL ARTICLES

In the December 25 edition of [CDC's MMWR](#), researchers conducted a community assessment in two counties to measure intent to receive H1N1 and seasonal influenza vaccines among children and adults. The results determined that the most commonly reported reasons for not intending to receive H1N1 vaccine were belief in a low likelihood of infection (18%) and concern over vaccine side effects (14%); in addition, 85% of participants said they received their H1N1 information from television.

On December 21, 2009 the *Journal of American Medical Association* published: ["Immunogenicity of a monovalent 2009 Influenza A\(H1N1\) vaccine in infants and children: a randomized Trial."](#) (Nolan et al) describes a study that found that one dose of 2009 H1N1 vaccine stimulated a protective antibody response among most healthy infants and children. CDC has also written an [editorial](#) in response to this article. The editorial summarizes that while most children in the study had an excellent antibody response to one dose, children younger than 10 years of age still had a lower response than older children and adults.

## 2009 H1N1 INFLUENZA VACCINE SUPPLY & COVERAGE

On December 22, CDC posted a document providing information on the [National H1N1 Flu Survey](#) (NHFS) which was conducted to determine who has received the 2009 H1N1 influenza vaccine since its release

The 2009 H1N1 vaccine [supply and distribution data](#) is posted every Friday.

## SEASONAL FLU VACCINE UPDATES

Fluzone High-Dose, a seasonal flu vaccine for people 65 and older, has been approved by the [U.S. Food and Drug Administration](#). The package insert for the product, can be found [here](#).

Related News Article: [FDA licenses high-dose flu vaccine for elderly](#)

## SEASONAL AND 2009 H1N1 INFLUENZA IN THE NEWS

[U.S. Urges H1N1 Shots as Supplies Surge](#)

## EPIDEMIOLOGY OF 2009 H1N1

### RECENT NEWS

[WHO: Comparing deaths from pandemic and seasonal influenza](#)

## INTERNATIONAL NEWS - 2009 H1N1

### JOURNAL ARTICLES

A recent retrospective study [published](#) in the *New England Journal of Medicine* found that Pandemic 2009 H1N1 influenza in Argentina was associated with pediatric death rates that were 10 times the rates for seasonal influenza in previous years.

## CLINICAL UPDATES - 2009 H1N1

### JOURNAL ARTICLES

A study by the CDC and the California Department of Public Health looked at 94 pregnant women and eight new mothers hospitalized for 2009 H1N1. Of these women, 18 pregnant women and four new mothers required intensive care, and six pregnant women and two new mothers died without having received flu drugs in a timely manner. Published in the *New England Journal of Medicine*, the study indicates that new mothers, like pregnant women, are at high risk of severe complications from 2009 H1N1.

### RECENT NEWS

[Researchers find new patterns in H1N1 deaths](#)

## COMMUNITY MITIGATION - 2009 H1N1

In the December 25 edition of [CDC's MMWR](#) researchers performed a telephone survey to determine the impact of seasonal influenza-related school closures on families in Southeastern Kentucky.

## ***FLU RESOURCES***

### **Upcoming Meetings & Events:**

This year's [National Influenza Vaccination Week](#) (originally scheduled for December 6-10, 2009) is being rescheduled for January 10-16, 2010.

The next NCIRD live Net Conference will cover the 2010 U.S. immunization schedules for children and adults from noon to 1PM ET on January 28. William Atkinson, MD, MPH, will speak on "What's New on the Child and Adolescent Immunization Schedules," and Caro Friedman, DO, will address "What's New on the Adult Immunization Schedule." Dr. Andrew Kroger will moderate. Participation in the Q&A section of the program is available by phone and Internet. This is a limited-entry event. [Registration](#) will close on January 26 or when the course is full.

[2010 National Influenza Vaccine Summit](#) tentatively set for May 17-20, 2010 in Phoenix, Arizona

## **FLU WEBSITES**

MDCH: [www.michigan.gov/flu](http://www.michigan.gov/flu)

CDC: [www.cdc.gov/flu](http://www.cdc.gov/flu)

HHS: [www.flu.gov](http://www.flu.gov)

WHO:

<http://www.who.int/csr/disease/swineflu/en/index.html>

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