



Michigan Department of Community Health, 201 Townsend Street, Lansing, MI 48913

2010-2011 INFLUENZA SEASON

NIH SCIENTISTS ADVANCE UNIVERSAL FLU VACCINE

In experiments with mice, ferrets and monkeys, scientists from the [National Institute of Allergy and Infectious Diseases](#) (NIAID) used a two-step immunization approach to elicit infection-fighting antibodies that attacked a diverse array of influenza virus strains. Director of NIAID, Anthony S. Fauci, M.D. stated: "this significant advance lays the groundwork for the development of a vaccine to provide long-lasting protection against any strain of influenza." The study abstract is available [here](#).

HEALTH CARE PROVIDER REMINDER INCREASES VACCINATION RATES

According to a [recent study](#) in *The American Journal of Infection Control*, only one third of US adults who were recommended for seasonal flu vaccine knew they were in the target group, and this figure dropped to 30% for the pandemic H1N1 vaccine. However, interaction with a healthcare provider raised those rates. For seasonal flu vaccine, the figure rose to 39% for those who had a recent provider visit and to 59% for those who received a fact sheet clarifying their status. For the H1N1 vaccine, the numbers rose to 32% and 56%, respectively.

FLUZONE HIGH-DOSE VACCINE

Confirmation is now available from the Centers for Medicare and Medicaid Services (CMS) that Fluzone High-Dose vaccine for patients 65 years and older is a covered benefit under Medicare Part B and will be reimbursed for the upcoming 2010-2011 influenza season. CMS has updated its various pricing files to include Fluzone High-Dose vaccine in the "[July 2010 AWP NDC - HCPCS Crosswalk File](#)" for Medicare Part B Drugs. Please click [here](#) to view the ACIP recommendations for the use of *Fluzone High-Dose vaccine*.

JOURNAL ABSTRACTS

[Influenza-Associated Pneumonia in Children Hospitalized With Laboratory-Confirmed Influenza, 2003-2008](#)

[Economics of employer-sponsored workplace vaccination to prevent pandemic and seasonal influenza](#)

[Racial Disparities in Receipt of Influenza and Pneumococcus Vaccinations among US Nursing-home Residents](#)

INFLUENZA NEWS ARTICLES

[Experts anticipate new flu-fighting tools](#)

FluBytes is distributed to MDCH flu partners for informational and communication purposes. Please feel free to distribute widely. Archived editions of FluBytes can be found [here](#). To access archived editions of MI FluFocus click [here](#).

RECENTLY PUBLISHED JOURNAL ARTICLES AND REPORTS ON 2009 H1N1

12% OF UK HOTLINE ANTIVIRAL USERS HAD H1N1

Almost 90% of the more than 1 million UK citizens who obtained antiviral drugs using Britain's pandemic flu hotline or Web site did not have novel H1N1 flu, according to [BBC News](#).

CHILDREN SHED H1N1 VIRUS LONGER

A recent [Taiwan study](#) found that children under age 13 shed pandemic H1N1 viruses longer (11 days) than do adolescents and adults (7 days). They also found that patients with pneumonia had significantly higher viral loads than those with upper respiratory tract infections or bronchitis.

FAULTS IN FRANCE'S VACCINE DISTRIBUTION

A [parliamentary review](#) has concluded that France's H1N1 vaccination efforts were a "failure," with millions of doses discarded or cancelled. Less than 8.5% of the population was vaccinated.

H1N1 ARTICLES

[Transmission of Novel Influenza A\(H1N1\) in Households with Post-Exposure Antiviral Prophylaxis](#)

[1 in 5 Parents Missed Work for H1N1 School Closings: Survey](#)

[WHO delays judgement on H1N1 pandemic](#)

[To Test or to Treat? An Analysis of Influenza Testing and Antiviral Treatment Strategies Using Economic Computer Modeling](#)

FLU RESOURCES

MARK YOUR CALENDAR for AUGUST 5: "IMMUNIZATION UPDATE 2010" presented by CDC experts. To read more about the course content, go to: <http://www2a.cdc.gov/PHTN//immupdate2010>

MDCH: www.michigan.gov/flu

CDC: www.cdc.gov/flu

HHS: www.flu.gov

ADDITIONAL IMMUNIZATION NEWS

Be sure to check out MDCH's new [Adolescent Immunization Toolkit](#).

IMMUNIZATION ARTICLES

[The "Meaningful Use" Regulation for Electronic Health Records](#)

[The 100 day cough](#)