



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

WHO RECOMMENDS VACCINE COMPOSITION FOR 2010-2011 INFLUENZA SEASON

On February 18, the [World Health Organization](#) (WHO) recommended that the following viruses be used for influenza vaccines in the 2010-2011 influenza season (northern hemisphere):

- an A/California/7/2009 (H1N1)-like virus;
- an A/Perth/16/2009 (H3N2)-like virus;
- a B/Brisbane/60/2008-like virus.

The WHO recommended adding the pandemic strain as the H1N1 component of the seasonal flu vaccine. They also changed the other influenza A strain, replacing the Brisbane H3N2 component with a Perth H3N2 strain. The influenza B component remains the same Brisbane strain included in this year's seasonal flu vaccine.

Related Documents:

[WHO FAQs - Recommended viruses for influenza vaccines for use in the 2010-2011 northern hemisphere influenza season](#)

[CIDRAP: WHO picks pandemic strain for next seasonal flu vaccine](#)

CLINICAL UPDATES - 2009 H1N1

Journal Articles

A prospective study published in [Pediatrics](#) on February 15, 2010 found that the rapid diagnostic tests for H1N1 influenza returns more accurate results for children and teenagers than it previously has for adults. PLEASE NOTE - this study took place during increased flu activity periods; the sensitivity and specificity of rapid tests are known to vary based on the prevalence of influenza viruses.

INTERNATIONAL - 2009 H1N1

Recent News

[Chile Buys 2 Million Doses of Swine-Flu Vaccine](#)

PANDEMIC PREPAREDNESS - 2009 H1N1

Recent News

[Secretary Sebelius Addresses 2010 Public Health Preparedness Summit](#)

[When swine flu pandemic hits home](#)

ANTIVIRALS - 2009 H1N1

Journal Articles

A study in the [Canadian Medical Association Journal](#) determined that oseltamivir was well absorbed in critically ill intensive-care patients with suspected or confirmed pandemic H1N1 flu. A standard dosage of 75 mg twice daily achieved bloodstream levels of the drug that was comparable to those in other patients.

EPIDEMIOLOGY- 2009 H1N1

Journal Articles

An [article today in MMWR](#) describes an outbreak of confirmed novel H1N1 that started aboard a Peruvian Navy ship last June and affected 78 of 355 crew members. The attack rate for confirmed H1N1 influenza was 22.0%. The most frequent symptoms, other than fever, were cough, headache, nasal congestion, and malaise. No complications or deaths occurred. A surveillance program implemented before the ship departed from Peru permitted early detection.

In a [recent study](#) researchers concluded that employees without paid sick days were more likely to work when they were sick during the peak of the fall pandemic wave and may have extended the outbreak by infecting their coworkers, according to a research group.

OTHER INFLUENZA NEWS

News Articles

[Don't drop your guard; flu season isn't over yet](#)

[Fighting pandemics like swine flu in digital age](#)

[Updated review questions benefits of flu vaccine in elderly](#)

FLU RESOURCES

Earn CME credits by watching: "[Vaccine Update- Recent Data and Recommendations](#)," a 4-part video series from the Discovery Health Channel.

Upcoming Meetings & Events:

On February 22, 2010, the [Vaccines and Related Biological Products Advisory Committee](#) will discuss and make recommendations on the selection of strains to be included in the influenza virus vaccine for the 2010-2011 influenza season.

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

FLU WEBSITES

MDCH: www.michigan.gov/flu

CDC: www.cdc.gov/flu

HHS: www.flu.gov

ADDITIONAL IMMUNIZATION UPDATES

The February issue of the Michigan Immunization Timely Tips newsletter is available [here](#).

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](#).