



SEASONAL & 2009 H1N1 VACCINE UPDATES

GOOGLE FLU SHOT LOCATOR

Google Inc. in corporation with CDC, the American Lung Association and HHS recently launched a [flu vaccine locator](#) service, based on its popular Google Maps feature. Patients looking for seasonal or H1N1 influenza vaccine can search for sites close to the address they enter on the flu vaccine locator web page. If you are a health care provider and would like to enter your clinic information, the [American Lung Association](#) provides directions on how to do so. If you would like to promote Google's flu vaccine locator on your website, go to CDC's [social media web section](#) to get widgets.

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

RECENT FLU VACCINE NEWS

[Novartis unveils US cell-based flu vaccine plant](#)

[Shifting Vaccine for Flu to Elderly](#)

2009 H1N1 VACCINATION PROGRAM

UPDATED GUIDANCE ON 2009 H1N1 VACCINE

CDC recently updated their "Information for Vaccine Planers" webpage to include:

- [H1N1 Vaccine Return Policy](#) Nov 20
- [Dose Spacing Table](#) Nov 20
- [Administration with Other Vaccines Table](#) Nov 20
- [Dose Spacing and Administration with Other Vaccines Table](#) Nov 20

RECENT 2009 H1N1 VACCINE IN THE NEWS

[Small batch of swine flu vaccines pulled in Canada](#)

RECENT NEWS ON VIRUS MUTATIONS

[WHO probing drug resistant swine flu](#)

[WHO: Public health significance of virus mutation detected in Norway](#)

[Clusters of resistant H1N1 cases reported in UK, US](#)

[Tamiflu-resistant swine flu spreads 'between patients'](#)

[8 Cases of Mutated H1N1 Flu Virus in China](#)

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EPIDEMIOLOGY OF 2009 H1N1

JOURNAL ARTICLES

The Public Library of Science (PLOS) posted a study: "[H1N1 vaccination and adults with underlying health conditions in the US.](#)" One key point of the study is that while 65% of fatalities from H1N1 infections occur in adults with underlying health conditions other than pregnancy, only relatively few high-risk adults will get vaccinated during the fall wave.

The article, "From where did the 2009 'swine-origin' influenza A virus (H1N1) emerge?" was recently published in the [Virology Journal](#).

CLINICAL INFORMATION ON 2009 H1N1

JOURNAL ARTICLES

A study published in *Canadian Medical Association Journal* found that asthma "appears to be a significant risk factor for severe disease" in children with H1N1 flu, according to the authors. Click [here](#) to read the full study.

RECENT CLINICAL NEWS

[Trying last-ditch lung bypass for worst swine flu](#)

[CDC confirms Kanawha County pediatrician had swine flu -- twice](#)

INTERNATIONAL NEWS - 2009 H1N1

On November 21, 2009, *The Lancet* published the following article: "[Establishment of public health security in Saudi Arabia for the 2009 Hajj in response to pandemic influenza A H1N1](#)".

A related news article: [Swine flu kills 4 hajj pilgrims: Saudi](#)

On November 16, 2009 *The Medical Journal of Australia* published: [Hospitalised adult patients with pandemic \(H1N1\) 2009 influenza in Melbourne, Australia](#)

ANIMAL CONTACTS

On November 16, 2009, *Emerging Infectious Diseases* published: "[Susceptibility of Poultry to Pandemic \(H1N1\) 2009 Virus](#)".

BUSINESSES AND THE WORKPLACE

On November 20, US Labor Department's OSHA issued a [compliance directive](#) for the protection of frontline health care and emergency medical workers at high risk of infection. The aim of the directive is to ensure uniform procedures when conducting inspections to identify and minimize or eliminate high to very high risk occupational exposures to the 2009 H1N1 influenza A virus.