

**EPI Update for Friday, August 27, 2010**  
**Center for Acute Disease Epidemiology (CADE)**  
**Iowa Department of Public Health (IDPH)**

Items for this week's EPI Update include:

- **Clarification: influenza vaccination**
- **First 2010 Iowa West Nile virus case reported**
- **National *Salmonella* Enteritidis outbreak update**
- **Meeting announcements and training opportunities**

**Clarification: influenza vaccination**

The "MMWR Prevention and Control of Seasonal Influenza with Vaccines Recommendations of the Advisory Committee on Immunization Practices (ACIP), 2010" on page 5 states "As in previous recommendations, all children aged 6 months through 8 years who receive a seasonal influenza vaccine for the first time should receive two doses. Children who received only one dose of a seasonal influenza vaccine in the first influenza season that they received vaccine should receive two doses, rather than one, in the following influenza season. In addition, for the 2010–11 influenza season, children aged 6 months through 8 years who did not receive at least one dose of an influenza A (H1N1) 2009 monovalent vaccine should receive two doses of a 2010–11 seasonal influenza vaccine, regardless of previous influenza vaccination history. Children aged 6 months through 8 years for whom the previous 2009–10 seasonal or influenza A (H1N1) 2009 monovalent vaccine history cannot be determined should receive two doses of a 2010–11 seasonal influenza vaccine."

Because of the potential confusion related to recommended doses of seasonal influenza vaccine for children, we recommend printing out and posting the following references:

- Number of seasonal doses recommended for children algorithm—page 34 "MMWR Prevention and Control of Seasonal Influenza with Vaccines Recommendations of the Advisory Committee on Immunization Practices (ACIP), 2010": [www.cdc.gov/mmwr/pdf/rr/rr59e0729.pdf](http://www.cdc.gov/mmwr/pdf/rr/rr59e0729.pdf).
  - Table of influenza vaccines recommended by the Advisory Committee on immunization Practices (ACIP) for different age groups—United States, 2010-2011.
- "Update: Recommendations of the Advisory Committee on Immunization Practices (ACIP) Regarding Use of CSL Seasonal Influenza Vaccine (Afluria) in the United States During 2010—11"(go to page 19 of 36 or page 991 of pdf file [www.cdc.gov/mmwr/pdf/wk/mm5931.pdf](http://www.cdc.gov/mmwr/pdf/wk/mm5931.pdf).)

**First 2010 Iowa West Nile virus case reported**

The Iowa Department of Public Health (IDPH) has announced the first confirmed human case of West Nile virus disease in Iowa this year. The illness occurred in an adult (18 to 40 years of age) male from Woodbury County. He was not hospitalized and has recovered fully.

West Nile virus is a seasonal threat especially in late August or early September. Iowans should take the following steps to reduce the risk of exposure to West Nile virus:

- Use insect repellent whenever outdoors, especially during peak biting times from dusk to dawn. Use repellent with DEET, picaridin, IR3535, or oil of lemon eucalyptus. Always read the repellent label and consult with a health care provider if you have questions when using these types of products on children. For example, DEET should not be used on infants less than 2 months old and oil of lemon eucalyptus should not be used on children under 3 years old.
- Wear long-sleeved shirts, pants, shoes, and socks whenever possible outdoors.
- Eliminate mosquito-breeding sites by removing sources of standing water in outdoor areas whenever possible. For example turning over or removing items where water can collect, such as ceramic pots, toys, buckets, tires, wading pools, and use tarps to cover firewood and boats.

For more information on West Nile Virus, including fact sheets, visit [www.idph.state.ia.us/adper/wnv\\_surveillance.asp](http://www.idph.state.ia.us/adper/wnv_surveillance.asp).

#### **National *Salmonella* Enteritidis outbreak update**

According to the CDC, from May 1 to August 25, 2010, there were 2,403 illnesses due to the outbreak strain of *Salmonella* Enteritidis reported nationwide. This strain of *Salmonella* Enteritidis, however, is common. Thus, it is unknown how many of these cases are actually related to the recalled eggs. Based on the number of cases seen in the last five years, we would expect to have about 933 total illnesses due to this strain in the United States during this time.

In Iowa, there were 48 reported illnesses due to this strain of *Salmonella* Enteritidis during this time period (May 1 to August 25, 2010). During the same time period in 2009, 22 illnesses were reported. Iowa has not been able to definitively trace any of the illnesses back to the recalled eggs. However, there has been an increase in the number of illnesses due to this strain of *Salmonella* Enteritidis compared to the number seen last year and we continue to investigate all cases of *Salmonella*.

For more information about the FDA egg recall, visit

[www.fda.gov/Safety/Recalls/ucm222501.htm](http://www.fda.gov/Safety/Recalls/ucm222501.htm).

For more information about *Salmonella*, visit

[www.idph.state.ia.us/idph\\_universalhelp/main.aspx?system=IdphEpiManual&context=Salmonella\\_factsheet](http://www.idph.state.ia.us/idph_universalhelp/main.aspx?system=IdphEpiManual&context=Salmonella_factsheet) .

#### **Meeting announcements and training opportunities**

None

**Have a healthy and happy week!**

Center for Acute Disease Epidemiology

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