# EPI Update for Friday, October 28, 2011 Center for Acute Disease Epidemiology (CADE) lowa Department of Public Health (IDPH)

# Items for this week's EPI Update include:

- ACIP recommendations for Tdap vaccination of pregnant women and others with close infant contact
- FDA update on the use of jet injectors with inactivated influenza vaccines
- Vehicle overturns and older workers dominate 2011 lowa ag-related fatality stats
- Meeting announcements and training opportunities

# ACIP recommendations for Tdap vaccination of pregnant women and others with close infant contact

CDC published Updated Recommendations for Use of Tetanus Toxoid, Reduced Diphtheria Toxoid and Acellular Pertussis Vaccine (Tdap) in Pregnant Women and Persons Who Have or Anticipate Having Close Contact with an Infant Aged <12 Months--Advisory Committee on Immunization Practices (ACIP), 2011 in the October 21 issue of MMWR. The Guidance for Use section is reprinted below:

#### Maternal vaccination

ACIP recommends that women's healthcare personnel implement a Tdap vaccination program for pregnant women who previously have not received Tdap. Healthcare personnel should administer Tdap during pregnancy, preferably during the third or late second trimester (after 20 weeks' gestation). If not administered during pregnancy, Tdap should be administered immediately postpartum.

#### Cocooning

ACIP recommends that adolescents and adults (e.g., parents, siblings, grandparents, child-care providers, and healthcare personnel) who have or anticipate having close contact with an infant aged <12 months should receive a single dose of Tdap to protect against pertussis if they have not previously received Tdap. Ideally, these adolescents and adults should receive Tdap at least two weeks before beginning close contact with the infant.

To access the full article, visit www.cdc.gov/mmwr/preview/mmwrhtml/mm6041a4.htm.

#### FDA update on the use of jet injectors with inactivated influenza vaccines

The FDA recently issued a communication on the use of jet injectors with inactivated influenza vaccine in response to questions they have received. According to the FDA, inactivated influenza vaccines that have received its approval did not include safety and effectiveness evaluations for administration by jet injector. Thus, the FDA recommends that these vaccines be administered using a sterile needle and syringe. Manufacturers wishing to use the jet injector method must submit safety and effectiveness data to the FDA and vaccine labeling indicates whether the vaccine has been approved for jet injector administration. Currently, there is only one vaccine-- the measles, mumps, and rubella vaccine -- that is approved and specifically labeled for administration via jet injector.

Based on limited data involving currently licensed inactivated flu vaccines, the FDA said that it and the Centers for Disease Control and Prevention believe that people who have received an influenza vaccine via jet injector do not need to be re-vaccinated.

To view the entire communication, visit www.fda.gov/BiologicsBloodVaccines/Vaccines/QuestionsaboutVaccines/ucm276773.htm

Vehicle overturns and older workers dominate 2011 lowa ag-related fatality stats

Of the 656 work-related fatalities reported in lowa from 2003 through 2010, 219 (33 percent) were attributed to the agriculture sector. So far this year, 25 people, ranging in age from preteen to over 80, have been killed while working on farms or in agriculturally-related businesses. Of the 25 fatalities, 16 were vehicle rollovers (four ATVs, 11 tractors, and one skid steer). Vehicle overturns accounted for 10 of the 12 deaths of workers 65 years of age or older.

The Iowa Fatality Assessment & Control Evaluation (FACE) program recently posted hazard alerts on tractor overturn risks and grain entrapment. For more information, visit <a href="www.public-health.uiowa.edu/face/">www.public-health.uiowa.edu/face/</a> or contact IDPH at 800-972-2026.

#### Meeting announcements and training opportunities

#### **Save the date: Upcoming Influenza Teleconferences**

The Iowa Department of Public Health and the State Hygienic Laboratory will host two influenza teleconferences on Thursday, November 17, 2011. The first teleconference will be held from 12:00 p.m. to 1:00 p.m. and will target healthcare providers, hospitals, and laboratories. The second teleconference will be held from 3:30 p.m. to 4:30 p.m. and will target school nurses and school administrators. Additional information will be available in next week's EPI Update.

Registrations now open for "What to Do When You Suspect a Select Agent" webinar The State Hygienic Lab is planning a new series of noon webinars related to topics of laboratory preparedness. The first webinar is scheduled for November 10, 2011 from 12:00 noon to 1:00 p.m. This first webinar, presented by Dr. Michael Pentella is titled "What To Do When You Suspect a Select Agent?"

The topics to be covered are:

- Sentinel Lab Definition
- When to suspect a select agent
- Safety issues
- Communication with SHL
- Shipping precautions
- Destruction of agents
- Form 4
- Post exposure concerns

The webinar is free to participants. If you would like to register, please email Rick Bonar @ richard-bonar@uiowa.edu. If you have multiple people who wish to participate, please register once as a site and let Rick Bonar know how many will be attending.

Information on how to connect to the webinar will be sent out via email starting Tuesday, November 1, 2011.

# The 40th Annual Iowa Governor's Safety & Health Conference

The 40th Annual Iowa Governor's Safety & Health Conference on Thursday, November 3, 2011 and Friday, November 11, 2011 offers a variety of topics, exhibits, networking and continuing education credit. This event will be held at the Kirkwood Hotel on the Kirkwood Community College campus in Cedar Rapids, Iowa. For more details or to register online, visit <a href="https://www.regonline.com/builder/site/default.aspx?EventID=961555">www.regonline.com/builder/site/default.aspx?EventID=961555</a>.

### Have a healthy and happy week!

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