

**EPI Update for Friday, July 11, 2014**  
**Center for Acute Disease Epidemiology (CADE)**  
**Iowa Department of Public Health (IDPH)**

Items for this week's EPI Update include:

- **First West Nile virus case of the season reported**
- **Reminder of updated rabies materials**
- **CDC resources for using antibiotics wisely**
- **Cyclosporiasis outreach to clinicians**
- **Iowa Acute Disease Monthly Update**
- **Meeting announcements and training opportunities**

**First West Nile virus case of the season reported**

This year's first confirmed human case of West Nile virus has been reported in Iowa. The case is an adult male (18 to 40 years of age) from Clay County, who is recovering.

Please remind patients to take measures to reduce the risk of exposure to West Nile virus. Key messages include:

- Use insect 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.
- Avoid outdoor activities at dusk and dawn when mosquitoes are most active.
- Wear long-sleeved shirts, pants, shoes, and socks whenever possible outdoors.
- Eliminate standing water around the home because that's where mosquitoes lay eggs. Empty water from buckets, cans, pool covers and pet water dishes. Change water in bird baths every three to four days.

Since West Nile first appeared in Iowa in 2002, it has been found in every county in Iowa, either in humans, horses, or birds. In 2013, there were 44 human cases of West Nile virus and zero deaths.

For more information about West Nile virus, visit [www.idph.state.ia.us/CADE/DiseaseIndex.aspx?disease=West Nile Virus](http://www.idph.state.ia.us/CADE/DiseaseIndex.aspx?disease=West+Nile+Virus).

**Reminder of updated rabies materials**

As a reminder, IDPH's web page for rabies was updated last year. The page features separate links for the public, health care providers, and veterinarians. Information on rabies exposure, quarantine, testing, and vaccination is available. Also, the current versions of several of the flow charts (i.e. for determination of rabies prophylaxis use) and other resource documents are available. These versions should replace older, outdated materials, as information has changed over the years.

To view IDPH's rabies website, visit [www.idph.state.ia.us/Rabies/](http://www.idph.state.ia.us/Rabies/).

**Cyclosporiasis outreach to clinicians**

Last year at this time IDPH was busy investigating nearly 140 cases of Cyclosporiasis (no cases have been reported in Iowa so far this year). In preparation for future activity, CDC has developed multiple health communication resources for clinicians. The resources discuss testing criteria, treatment, and risk factors.

To access these resources, visit [www.cdc.gov/parasites/cyclosporiasis/](http://www.cdc.gov/parasites/cyclosporiasis/). Additionally, if clinicians have questions regarding testing they may contact the State Hygienic Laboratory at 319-335-4500.

### **Iowa Acute Disease Monthly Update**

The new issue of the Iowa Acute Disease Monthly Update is available by visiting [www.idph.state.ia.us/cade/](http://www.idph.state.ia.us/cade/) and scrolling down to 'Reports.' This month's issue can also be accessed directly from [www.idph.state.ia.us/IDPHChannelsService/file.ashx?file=13D8FEA2-CA35-4FE8-9A60-D226EE5EB460](http://www.idph.state.ia.us/IDPHChannelsService/file.ashx?file=13D8FEA2-CA35-4FE8-9A60-D226EE5EB460).

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

IDPH is sponsoring an educational program on infection prevention in long term care settings. This one-day conference targets infection prevention and health care staff working in the long term care setting, and will provide information on how to establish an infection prevention program. For more detailed information and to register, visit [www.trainingresources.org/EventRedirect.aspx?eventId=4459](http://www.trainingresources.org/EventRedirect.aspx?eventId=4459)

### **We wish everyone a happy and healthy (and mosquito free) week!**

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