

EPI Update for Friday, April 28, 2017
Center for Acute Disease Epidemiology (CADE)
Iowa Department of Public Health (IDPH)

- **Items for this week's EPI Update include:**
- **Update: Multiple confirmed cases of measles in Minnesota**
- **Announcing mobile friendly version of the Epi Manual**
- **Common virus may trigger celiac disease**
- **Connecticut infant contracts rare Powassan virus from tick bite**
- **Correction to April 21, 2017 Zika article**
- **In the news: Sugary Drinks Tied to Accelerated Brain Aging**
- **Infographic: World Malaria Day – End Malaria for Good**
- **Meeting announcements and training opportunities**
- **Update: Multiple confirmed cases of measles in Minnesota**

As of Tuesday, April 25, Minnesota had reported 24 laboratory confirmed cases of measles.

There are currently NO confirmed cases in Iowa; however, health care providers in Iowa need to be vigilant about measles.

- Ensure that measles vaccination of all patients and staff are up-to-date.
- Consider measles in anyone presenting with fever and the 'Three Cs' – cough, coryza, and conjunctivitis followed by rash three to five days later.

If measles is suspected, isolate the patient and immediately call IDPH (measles is a public health emergency). During business hours, call 800-362-2736 (after business hours call the Iowa State Patrol at 515-323-4360, who will page the epidemiologist on call).

Announcing mobile friendly version of the Epi Manual

CADE is excited to announce the launch of a mobile friendly version of the Epi Manual. The mobile version has the same content and organization that you are used to with the web version of the Epi Manual, but formatted to fit your mobile device screen.

Follow the instructions below for your device to create a shortcut icon to the mobile Epi Manual on your mobile device home screen:

IOS devices (iPhone, iPad)

Open Safari

- Type in <http://mobile.idph.iowa.gov/epimanual>
- After the website loads, tap on the share icon at the bottom
- In the share sheet, tap on **Add to Home Screen**
- Give the website a name in the first text field or retain the default "The Epi Manual"
- Tap on **Add** from top-right.
- Android devices

Open **Chrome** for Android

- Type in <http://mobile.idph.iowa.gov/epimanual>
- Tap the menu button
- Tap **Add to Home Screen**
- Give the website a name in the first text field or retain the default "The Epi Manual"
- Open **Firefox** for Android

- Type in <http://mobile.idph.iowa.gov/epimanual> and press Enter
- Tap and hold the address bar
- Tap **Add to Home Screen**

For other devices, please refer to your device's owner's manual.

Common virus may trigger celiac disease

A reovirus may prompt the immune system to react to gluten as if it were dangerous instead of a harmless food protein. The virus blocks the immune system's normally harmless response to food proteins and instead causes an inflammatory response. Almost everyone had been infected with a reovirus at some point. However, if a person is infected with a reovirus during their first exposure to a food with gluten, the inflammatory response could happen. To learn more, visit science.sciencemag.org/content/356/6333/44.

Powassan Virus

Connecticut infant contracts rare Powassan virus from tick bite visit. To learn more, visit www.cdc.gov/mmwr/volumes/66/wr/mm6615a3.htm.

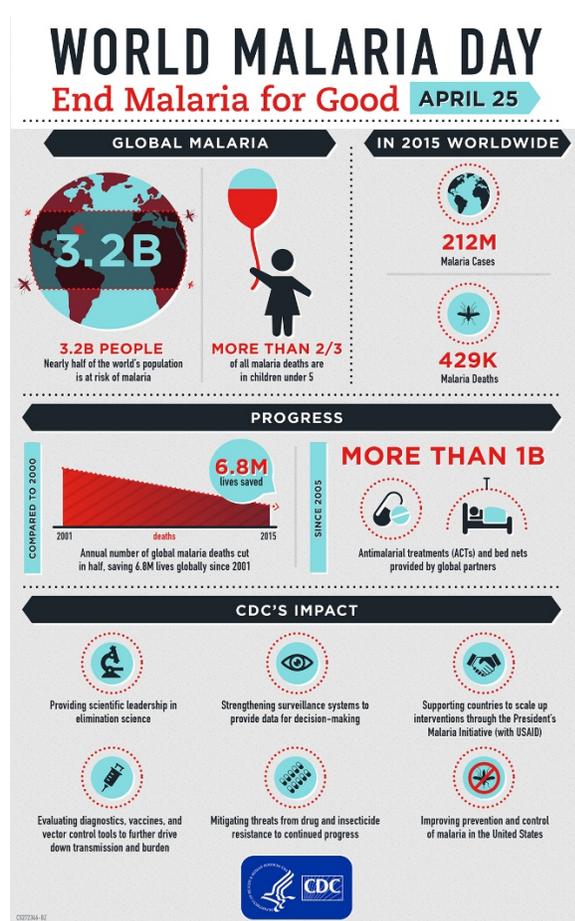
Correction to April 21, 2017 Zika article

In the EPI Update article on Zika virus and birth defects, the correct risk of infants with Zika-related birth defects for women with confirmed Zika during the first trimester of pregnancy should have been 15 percent.

In the news: Sugary Drinks Tied to Accelerated Brain

Aging mobile.nytimes.com/2017/04/24/well/eat/sugary-drinks-brain-aging.html

Infographic:



Infographic available at www.cdc.gov/globalhealth/infographics/world_malaria_day.htm

Meeting announcements and training opportunities

Agricultural Safety and Health Course June 12-16, 2017, for safety and health managers, physicians, nurses, veterinarians, graduate students, and anyone interested in the unique safety and health needs of rural and agricultural communities. For information, visit cph.uiowa.edu/gpcah/education/iowa-ag-med-course.

Have a healthy and happy week!

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800-362-2736