

EPI Update for Friday, June 23, 2017

Center for Acute Disease Epidemiology (CADE)

Iowa Department of Public Health (IDPH)

Items for this week's EPI Update include:

- **Changes in yellow fever vaccine access**
- **Zika virus transmission in Iowa is not likely, but don't ditch that bug spray because West Nile virus season is here!**
- **CDC formulary distributes lifesaving drugs and vaccines 24/7**
- **2017 Iowa Immunization Summit a success**
- **In the news: Mainer attacked by rabid raccoon drowns it in puddle**
- **Infographic: 20 Years of Protection**
- **Meeting announcements and training opportunities**

Changes in yellow fever vaccine access

Sanofi Pasteur, the manufacturer of the only yellow fever vaccine (YF-Vax) licensed in the U.S., has announced that YF-Vax will be unavailable from mid-2017 to mid-2018 because of delays in the production process.

To ensure continued U.S. access to yellow fever vaccine, FDA has approved (under the Investigational New Drug (IND) program) the use of another Sanofi Pasteur vaccine, Stamaril. Stamaril has been used in European and other countries for decades, but is not currently licensed for use in the U.S.

To meet the requirement of the IND program, Stamaril can only be provided to a limited number of clinics. Sanofi has identified sites throughout the U.S. For locations in Iowa and surrounding states that will be administering Stamaril, visit wwwnc.cdc.gov/travel/page/search-for-stamaril-clinics.

For information about which countries require yellow fever vaccination for entry and which countries the CDC recommends that travelers be vaccinated against yellow fever before visiting, please refer to www.cdc.gov/travel.

Zika virus transmission in Iowa is not likely, but don't ditch that bug spray because West Nile virus season is here!

A recent article in the Journal of Medical Entomology provided an updated map of the distribution of *Aedes aegypti* and *Aedes albopictus* mosquitoes (both mosquitoes are known to transmit Zika virus) within the U.S.

The map shows that *A. albopictus* mosquitoes have been detected in three Iowa counties between 1995 and 2016, but the article does not provide any context for the findings. In the last 10 years, only three *A. albopictus* mosquitoes have been identified in the over one million mosquitoes that have been collected. These findings support that while there may be rare introductions, Iowa does not have established populations of *A. albopictus* mosquitoes. No *A. aegypti* mosquitoes have ever been collected in Iowa. Therefore, the greatest risk to Iowans for Zika virus is when they travel to Zika impacted areas around the world.

That said, Iowans shouldn't skip the bug spray while at home, because West Nile virus activity will occur throughout the state this summer. In 2016, 37 human cases of West Nile virus were reported and one West Nile virus-related death was identified. There were also 46 mosquito pools which tested positive for the virus as well as 15 equine cases.

To view the full article, visit <https://academic.oup.com/jme/article/doi/10.1093/jme/tjx088/3868585/Updated-Reported-Distribution-of-Aedes-Stegomyia> .

For more information on mosquito surveillance in Iowa, visit <https://mosquito.ent.iastate.edu/> .

For more information on West Nile virus, visit <http://idph.iowa.gov/CADE/disease-information/west-nile-virus> .

CDC formulary distributes lifesaving drugs and vaccines 24/7

CDC's Drug Service distributes a small selection of emergency drugs for the treatment and prevention of rare diseases. These drugs are distributed free of charge using state supported courier services and/or CDC quarantine stations across the country in order to reach the patient in need quickly. These drugs are available 24/7 and are only provided after consultation with IDPH and CDC.

In general, the drugs offered are either not commercially available or difficult to obtain in the U.S. Examples include botulism antitoxin, anthrax vaccine and several drugs used to treat parasitic diseases that rarely occur in the US.

The full list of available drugs from the CDC Drug Service can be found at www.cdc.gov/laboratory/drugservice/formulary.html.

2017 Iowa Immunization Summit a success

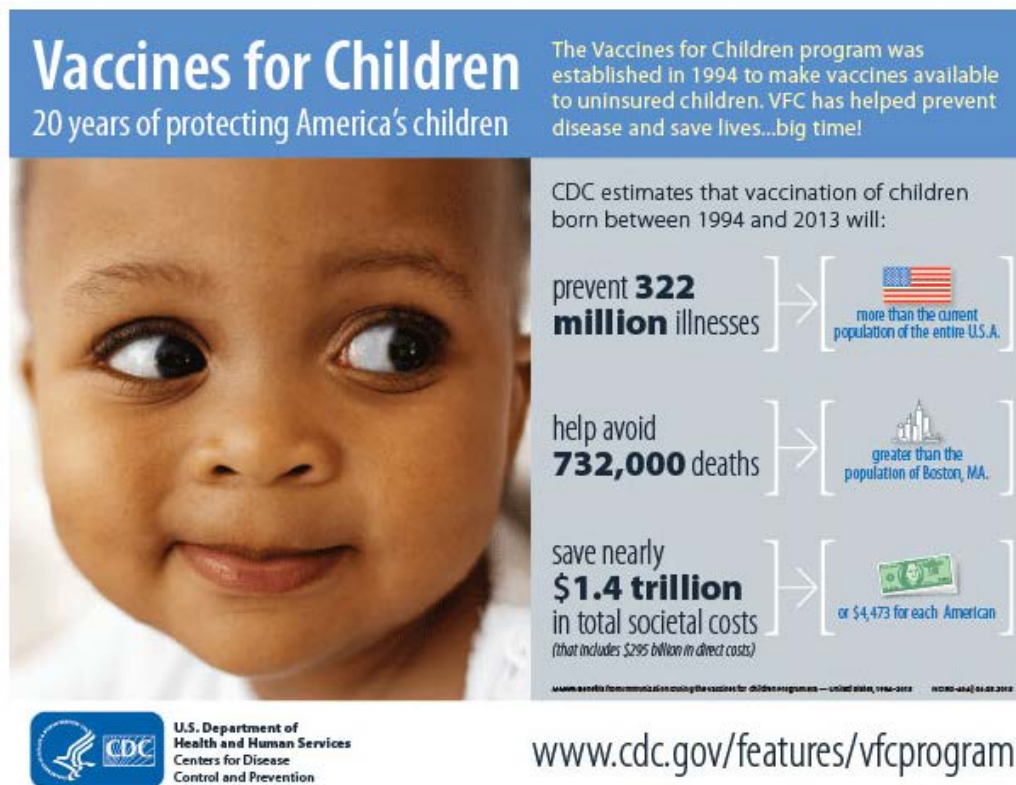
More than 600 attendees from 12 states took part in the conference, which is held every other year in Iowa.

For more information about immunizations in Iowa, visit <http://idph.iowa.gov/immmtb/immunization> .

In the news: Mainer attacked by rabid raccoon drowns it in puddle

<http://bangordailynews.com/2017/06/14/news/midcoast/maine-woman-attacked-by-raccoon-drowns-rabid-animal-in-puddle/>

Infographic: 20 Years of Protection



To view in full size, visit www.cdc.gov/vaccines/programs/vfc/20-year-infographic.html.

Meeting announcements and training opportunities

None

Have a healthy and happy week!
Center for Acute Disease Epidemiology
Iowa Department of Public Health
800-362-2736