

**EPI Update for Friday, February 17, 2017**  
**Center for Acute Disease Epidemiology (CADE)**  
**Iowa Department of Public Health (IDPH)**

**Items for this week's EPI Update include:**

- A unique case of cholera
- Vital Signs: Noise-induced hearing loss among adults
- Children's flu vaccination rate increased despite removal of nasal spray vaccine
- Iowa Acute Disease Monthly Update
- In the news: How to be mindful while eating chocolate
- In the news: Rat-related disease kills one in Bronx
- Infographic: CDC travelers' health
- Meeting announcements and training opportunities

**A unique case of cholera**

Investigation is ongoing after *Vibrio cholerae* was confirmed in an Iowan who traveled recently via cruise ship to areas in the Caribbean not known for cholera transmission (such as Haiti). CADE and CDC are investigating to determine the source of exposure. Typically, a case of cholera is reported in Iowa about every five years.

Also, the number of calls for international travel recommendations has recently increased. Those who are planning on traveling internationally should check the CDC travel page for the most up-to-date travel recommendations and advisories. Clinics that specialize in travel medicine can also assist in obtaining special vaccines (such as Yellow Fever) and other preventive medicines, and can provide advice on how to stay well while traveling to other countries.

For more information on travel immunizations and advisories, visit [wwwnc.cdc.gov/travel/](http://wwwnc.cdc.gov/travel/). For the list of Yellow Fever vaccine providers in Iowa, visit [wwwnc.cdc.gov/travel/yellow-fever-vaccination-clinics/search](http://wwwnc.cdc.gov/travel/yellow-fever-vaccination-clinics/search).

**Vital Signs: Noise-induced hearing loss among adults**

A recent study, which collected data, collected both by questionnaire and audiometric tests of adult participants aged 20-69 years, determined that about one in four adults may experience some hearing loss (using the presence of audiometric notches indicative of noise-induced hearing loss).

Prevalence of both unilateral and bilateral audiometric notches and their association with sociodemographic and self-reported exposure to loud noise were calculated, and their results show that nearly one in four adults (24 percent) had audiometric notches, suggesting a high prevalence of noise-induced hearing loss. The prevalence was higher among males than females. Almost one in four U.S adults who reported excellent or good hearing had audiometric notches and among participants who reported exposure to loud noise at work, almost one-third had a notch. For more information on this study, visit [www.cdc.gov/mmwr/volumes/66/wr/mm6605e3.htm?s\\_cid=mm6605e3\\_e](http://www.cdc.gov/mmwr/volumes/66/wr/mm6605e3.htm?s_cid=mm6605e3_e).

**Children's flu vaccination rate increased despite removal of nasal spray vaccine**

Influenza vaccination rates among school-aged children in Iowa have increased, despite the removal of the popular nasal spray live vaccine from the market. Approximately 5,000 more doses of influenza vaccine have been administered (based on data obtained from the Immunization Registry Information System) thus far this season when compared to this time last season. Of the vaccine doses administered last year among school-aged children, approximately one-fourth of those were doses of nasal spray live vaccine. Overall, there has been a 15 percent increase in total influenza vaccine doses administered this season as compared to this time last year. For more information on influenza and influenza vaccination, visit [idph.iowa.gov/influenza](http://idph.iowa.gov/influenza) and [idph.iowa.gov/immtdb/immunization/vaccine](http://idph.iowa.gov/immtdb/immunization/vaccine).

## Iowa Acute Disease Monthly Update

The new issue of the Iowa Acute Disease Monthly Update is available on our Website. Visit [idph.iowa.gov/CADE](http://idph.iowa.gov/CADE) and scroll down to 'Reports' or access the report directly with the following link: [idph.iowa.gov/Portals/1/userfiles/79/Reports/Misc/Monthly%20Report/IADMU%20Feb%2017%20-%202.pdf](http://idph.iowa.gov/Portals/1/userfiles/79/Reports/Misc/Monthly%20Report/IADMU%20Feb%2017%20-%202.pdf).

### In the news:

Rat-related disease kills 1, Bronx residents angered by infestation

[www.npr.org/sections/thetwo-way/2017/02/16/515527546/rat-related-disease-kills-1-bronx-residents-angered-by-infestation](http://www.npr.org/sections/thetwo-way/2017/02/16/515527546/rat-related-disease-kills-1-bronx-residents-angered-by-infestation)

How to be mindful while eating chocolate

[mobile.nytimes.com/2017/02/14/well/mind/how-to-be-mindful-while-eating-chocolate.html](http://mobile.nytimes.com/2017/02/14/well/mind/how-to-be-mindful-while-eating-chocolate.html)

### Infographic: CDC travelers' health



For more travel infographics, visit [wwwnc.cdc.gov/travel/page/infographics-travelers](http://wwwnc.cdc.gov/travel/page/infographics-travelers).

### Meeting announcements and training opportunities

None

### Have a healthy and happy (and much warmer) week!

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