

**EPI Update for Friday, February 13, 2015
Center for Acute Disease Epidemiology (CADE)
Iowa Department of Public Health (IDPH)**

Items for this week's EPI Update include:

- **MMR vaccination recommendations**
- **Measles update**
- **Ebola update**
- **Meeting announcements and training opportunities**

MMR vaccination recommendations

Two doses of MMR are required for elementary and secondary school entry in Iowa. The first dose can be given at 12 months of age and the second dose can be administered as soon as 28 days later (however the second dose is usually administered as part of the kindergarten shots given between 4-6 years of age). Generally, persons who started elementary school in Iowa after 1991 and were up-to-date on all school entry vaccine requirements have received two doses of MMR vaccine.

It is recommended that adults born in 1957 or later receive at least one documented dose of MMR vaccine, or have laboratory confirmation of immunity or disease, in order to be considered fully immunized. It is further recommended for adults in that age category who plan international travel or are students in a post-secondary institution to receive a second dose to be considered fully immunized.

It is assumed that persons born in the U.S. prior to 1957 were likely infected with the measles virus and therefore have presumptive immunity. For adults born prior to 1957, 2 doses of MMR are recommended if they plan to travel internationally.

All healthcare providers, regardless of year of birth, should have 2 documented doses of MMR vaccine, proof of immunity (positive IgG result on serology), or laboratory confirmation of disease.

Killed measles vaccine, or vaccine of unknown type, administered between 1963 and 1967 did not provide long lasting protection and those doses should not count as valid doses. Anyone with doses of measles vaccine documented during that timeframe should be revaccinated.

Vaccination in those who have already had measles or have already received the recommended vaccination is not harmful; it only boosts immunity. Therefore, if someone is unable to verify prior vaccination or history of illness, it would be appropriate to vaccinate the individual.

For additional information on measles visit:

[www.idph.state.ia.us/EHI/Issue.aspx?issue=Measles Outbreak&pg=Measles Outbreak Home](http://www.idph.state.ia.us/EHI/Issue.aspx?issue=Measles%20Outbreak&pg=Measles%20Outbreak%20Home)

Measles update

As of today, NO cases of measles have been identified in Iowa. So far this year, 121 confirmed cases of measles have been identified in 17 states and Washington D.C.

Confirmed cases of measles have been identified in states surrounding Iowa including: Illinois (three), Minnesota (one), Nebraska (two), and South Dakota (two). None of the recent cases have reported travel to Iowa during their infectious periods. Nevertheless, public health and hospital partners in Iowa are encouraged to share IDPH measles updates and the information below with local medical providers. For additional information about measles activity in the U.S., visit www.cdc.gov/measles/cases-outbreaks.html

Please contact IDPH immediately to report all suspected measles cases. To reach IDPH during business hours call 800-362-2736 and after hours call 515-323-4360 (the Iowa State Patrol will contact the person on call).

Ebola update

There are no cases of Ebola in Iowa. No persons in Iowa are being tested for Ebola. This week there are six travelers who are considered to be at “low risk” of Ebola who is under a public health order to self-monitor for symptoms.

For more information visit

www.idph.state.ia.us/IDPHChannelsService/file.ashx?file=D2AE1B8D-3D36-4782-8640-AF425EAA56E8

IDPH Ebola web page can be found at

www.idph.state.ia.us/EHI/Issue.aspx?issue=Ebola%20Outbreak&pg=Ebola%20Outbreak%20Home

Meeting announcements and training opportunities

Registration for the 2015 Iowa Governor's Conference on Public Health is now open. The 2015 event will feature the newly confirmed U.S. Surgeon General, VADM Vivek H. Murthy. To register, visit www.iowapha.org/IGCPH/

Have a healthy and happy week!

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800-362-2736