

EPI Update for Friday, August 25, 2017

Center for Acute Disease Epidemiology (CADE)

Iowa Department of Public Health (IDPH)

Items for this week's EPI Update include:

- No grace period for meningococcal conjugate vaccine requirement
- Occupational impact to risk of enteric disease
- MERS and Hajj 2017
- Iowa Acute Disease Monthly Update
- In the news: *What does your microbiome say about you?*
- Infographic: Health Advisory, MERS
- Meeting announcements and training opportunities

No grace period for meningococcal conjugate vaccine requirement

IDPH received questions this week on meningococcal vaccine grace periods and waivers. There is NO grace period for the implementation of the meningococcal conjugate vaccine requirement for students entering seventh and 12th grades. Basically, one dose is required to start school. Students entering seventh grade and born after September 15, 2004, will need proof of one dose of meningococcal conjugate vaccine (MenACWY). Students entering 12th grade and born after September 15, 1999, will need proof of two doses of meningococcal (A, C, W, Y), or one dose if received when the student was 16 years of age or older.

A Provisional Certificate of Immunization can only be issued when the student has already received one dose of the meningococcal vaccine and a second dose is needed to meet the requirements.

Occupational impact to risk of enteric disease

A recent study analyzed the impact of occupation on a person's risk of acquiring *Campylobacter* and *Salmonella* infections. Those in agriculture, fishing, forestry, health care and technical occupations were at increased risk for both campylobacteriosis and salmonellosis. Those in food preparation, food serving, personal care and service occupations were at increased risk of salmonellosis. While employment in an occupation at high risk for infection does not prove causation, it can be used to target disease prevention measures such as providing personal protective equipment and hand hygiene education at work to protect worker health and help reduce disease risk. The full report can be found at www.cdc.gov/mmwr/volumes/66/wr/pdfs/mm6632a4.pdf.

MERS and Hajj 2017

The 2017 Hajj (pilgrimage to Mecca, Saudi Arabia) will take place from approximately August 30 to September 4. In previous years, an increase in patients under investigation for MERS occurred in the two to three weeks following the completion of Hajj, as travelers returned to the U.S. Health care providers should ask patients about their travel history and evaluate patients for MERS-CoV infection if they have both clinical features and recent travel such as the Hajj. Immediately contact IDPH about any patient suspected of having MERS at 515-242-5935 during business hours or 515-323-4360 after hours.

For more information, visit wwwnc.cdc.gov/travel/notices/alert/hajj-umrah-saudi-arabia-2017.

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 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%20August%202017.pdf.

In the news: *What does your microbiome say about you?*

www.nytimes.com/interactive/2017/07/31/health/microbiome-quiz.html?mcubz=3

Infographic: Health Advisory, MERS

HEALTH ADVISORY: MERS

Middle East Respiratory Syndrome



Were you in the Middle East recently?

- Watch for fever with cough or difficulty breathing.
- If you get sick within 14 days of leaving, call a doctor.
- Tell the doctor you traveled.

www.cdc.gov/travel

 U.S. Department of Health and Human Services
Centers for Disease Control and Prevention

To view the image in full size, visit wwwnc.cdc.gov/travel/page/infographic-mers-pictogram.

Meeting announcements and training opportunities

None

Have a healthy and happy week!

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