Week in Review
September 25, 2017

Continuing Education...

**CDC’s Pink Book Webinar Series:** 15 webinars reviewing the principles of vaccination, general recommendations, immunization strategies for providers, and specific information about vaccine-preventable diseases and the vaccines that prevent them. Register HERE: [https://www2.cdc.gov/vaccines/ed/pinkbook/](https://www2.cdc.gov/vaccines/ed/pinkbook/)

Wednesday, September 27, 12:00 pm ET – HPV

Upcoming Flu Clinics...

**Thursday, Oct 5** from 11am – 2 pm
Associated Builders & Contractors, Inc, ABC Delaware Office

**Thursday, Oct 5** from 10 am – 2:30 pm:
DPH; 509 W. 8th Street, Wilmington DE 19801

**Tuesday, Oct 10** from 6 am – 6 pm:
DPH Drive-Thru Flu Clinic; 800 Bay Road, Dover DE 19901

October 2017 Issue: Bacterial Infections

Global Infectious Disease

WHO Africa: Weekly Bulletin on Outbreaks and Other Emergencies
Week 38: September 16-22, 2017
New Events:
- **DRC – Cholera** (27,881 cases, 568 deaths, CFR 2.0%). Active transmission is occurring in 10 provinces and new areas are being affected.
- **Nigeria – Cholera** (7,052 cases, 149 deaths, CFR 2.1%). NE Nigeria – Borno State – remains the most precarious location, but 4 other states (Kano, Kebbi, Oyo, and Zamfara) are also affected. Many cases have been reported from internally displaced persons (IDP) camps.
- **Nigeria – Lassa fever** (854 cases, 118 deaths, CFR 13.8%). The incidence rate is decreasing, with only 2 new confirmed cases and zero deaths from Edo State. The outbreak is still considered active.
- **Nigeria – Yellow Fever** (1 case, 0 deaths). The case patient is a 7-year old girl from Ifelodun LGA, in the Oro-Ago Community. Her symptoms included fever, vomiting, and abdominal pain. She had no history of yellow fever vaccination, nor of travel outside the state.
- **Measles – Uganda** (552 cases, 1 death, CFR 0.2%). The outbreak has remained limited to the districts of Kampala and Wakiso. Of the confirmed cases, 76% had never been vaccinated. Children between 1 and 4 years have been the most affected.
- **Sierra Leone – Floods/Mudslide.** The floods and mudslide that occurred in Freetown on August 14 resulted in lost life and increased trauma to survivors. Thus far, 502 burials have taken place, and 500 have been declared missing. The search for bodies has stopped.

Humanitarian Crisis:
- **Democratic Republic of the Congo.** Armed conflict in the Kasai Central Province between local militia and the national government has spread to the four other provinces of the Kasai region. This is increased by the burden of IDP camps, and refugees. 42% of households in the Kasai Province are being diagnosed with severe acute malnutrition.

Who Disease Outbreak News (www.who.int/csr/don/en/)
- 9/21: MERS-CoV – United Arab Emirates

Zika: Areas at Risk
- **Africa:** Angola, Benin, Burkina-Faso, Burundi, Cameroon, Cape Verde, Central African Republic, Chad, Congo, Cote d’Ivoire, DRC, Equatorial Guinea, Gabon, Gambia, Ghana, Guinea, Guinea-Bissau, Kenya, Liberia, Mali, Niger, Nigeria, Rwanda, Senegal, Sierra Leone, South Sudan, Sudan, Tanzania, Togo, Uganda
- **Asia**: Bangladesh, Burma (Myanmar), Cambodia, India, Indonesia, Laos, Malaysia, Maldives, Pakistan, Philippines, Singapore, Thailand, Timor-Leste (East Timor), Vietnam
- **Caribbean**: Anguilla, Antigua & Barbuda, Aruba, The Bahamas, Barbados, Bonaire, British Virgin Islands, Cayman Islands, Cuba, Curacao, Dominica, Dominican Republic, Grenada, Haiti, Jamaica, Montserrat, Puerto Rico, Saba, Saint Kitts & Nevis, Saint Lucia, Saint Martin, Saint Vincent & the Grenadines, Sint Eustatius, Sint Maarten; Trinidad & Tobago, Turks & Caicos, US Virgin Islands
- **Central America**: Belize, Costa Rica, El Salvador, Guatemala, Honduras, Nicaragua, Panama
- **North America**: Mexico
- **The Pacific Islands**: Fiji, Marshall Islands, Micronesia, Palau, Papua New Guinea, Samoa, Solomon Islands, Tonga
- **South America**: Argentina, Bolivia, Brazil, Colombia, Ecuador, French Guiana, Guyana, Paraguay, Peru, Suriname, Venezuela

### 2017 US Case Counts

<table>
<thead>
<tr>
<th></th>
<th>As of September 20, 2017</th>
<th>US 2017</th>
<th>Cumulative Since 1/1/15</th>
<th>US Territories 2017</th>
<th>Cumulative Since 1/1/15</th>
</tr>
</thead>
<tbody>
<tr>
<td>Travelers</td>
<td></td>
<td>264</td>
<td>5,230</td>
<td>0</td>
<td>147</td>
</tr>
<tr>
<td>Local Mosquito-borne</td>
<td></td>
<td>1</td>
<td>225</td>
<td>556</td>
<td>36,915</td>
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<tr>
<td>Other Route</td>
<td></td>
<td>3 (sex)</td>
<td>50</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td><strong>264</strong></td>
<td><strong>5,505</strong></td>
<td><strong>556</strong></td>
<td><strong>37,062</strong></td>
</tr>
</tbody>
</table>

40 *States with symptomatic disease cases*: Alabama, Alaska, Arizona, California, Colorado, District of Colombia, Florida, Georgia, Hawaii, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, Nebraska, Nevada, New Jersey, New York, North Carolina, Ohio, Oklahoma, Oregon, Pennsylvania, Rhode Island, South Carolina, Texas, Utah, Vermont, Virginia, Washington, West Virginia, Wisconsin, Wyoming

10 *States without symptomatic disease cases*: Arkansas, Connecticut, Delaware, Idaho, Montana, New Hampshire, New Mexico, North Dakota, South Dakota, Tennessee,

**Territories effected**: American Samoa, Puerto Rico, US Virgin Islands

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Evaluating the Safety of Flu Vaccination in Pregnancy -
Ask the Experts: A 22-year-old female is going to pharmacy school and the school wants her to have a second dose of MMR vaccine. She had the first dose as a child and developed measles within 24 hours of receiving the vaccine. Recent serologic testing showed she is immune to mumps and measles but not immune to rubella. Can I give her a second dose of the MMR with her having measles after the first dose?

New PACCARB report on vaccines and antibiotic resistance.

Hepatitis A case reported at Pacific Beach restaurant.

DOE: Mililani High cafeteria worker diagnosed with mumps (HI)
Tatts & Teens? Children’s doctors group issues recommendations for the first time.

Doctors advocate for immunizations as more parents claim exemptions in Massachusetts.

Chinese infants not getting measles protection from moms

EDITORIAL: Crack down on vaccine disinformation to prevent next Minnesota measles outbreak

In other news…


And Dr. Offit’s Rebuttal:
The pregnancy vaccine scare that should have never been - http://www.thedailybeast.com/the-pregnancy-vaccine-scare-that-should-have-never-been


If you have something you would like to see added to the ICD’s Week in Review, please e-mail ksmith@delamed.org.