Week in Review
September 11, 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/

Wednesday, September 20, 12:00 pm ET – Hepatitis B

September 2017 Issue: Zoonoses

Spread of Canine Influenza A(H3N2) Virus - https://wwwnc.cdc.gov/eid/article/23/12/17-0246_article

Global Infectious Disease

WHO Africa: Weekly Bulletin on Outbreaks and Other Emergencies
Week 36: September 2 - 8, 2017
- 0 new events | 45 ongoing events | 30 outbreaks | 15 humanitarian crises
  2 Grade 3 events, 5 Grade 2 events, 8 grade 1 events, 27 ungraded.
  http://apps.who.int/iris/bitstream/10665/258922/1/OEW36-2892017.pdf

- Ongoing Events:
  o Borno State, Nigeria – Cholera (1,165 cases, 30 deaths, CFR 2.6%). Five suspected cases in an Internally Displaced Persons camp northeast of Maiduguri. Despite the Ministry of Health and
the WHO teaming up to contain further transmission, the outbreak spread to other areas.

- **Sao Tome and Principe** – *Necrotising cellulitis/fasciitis* (1,965 cases, 0 deaths). All districts have been affected, with an overall attack rate of 10.1 per 1,000 people. Individuals aged more than 35 years make up 50% of the cases.

- **Tanzania** – *Cholera* (2,578 cases, 44 deaths, CFR 1.7%). The country is experiencing a flare up in the last two weeks. A total of 102 new cases were reported in the mainland. Over 80% of the new cases originated from the Mbeya Region, with Iringa and Katavi being the second and third most affected.

- **Chad** – *Cholera* (206 cases, 25 deaths, CFR 12.1%). A suspected outbreak in the Koukou District, Silla Region, was reported on August 14-15, 2017. A cluster of 50 cases of acute watery diarrhea (13 deaths) were reported by a health center.

- **Cote d’Ivoire** – *Dengue Fever* (1,231 cases, 2 deaths, CFR 0.16%). Of the 311 cases confirmed by PCR, 181 were serotype 2, 78 were DENV-3, and 13 were DENV-1. 39 samples were confirmed IgM+ by serology. Abidjan city is the epicenter (97%) of the outbreak.

**Humanitarian Crises**

- **Central African Republic** – Precarious security situation, incidence recorded in different areas of the country. NGOs assisting vulnerable populations continue to be targeted by armed groups. A large number of internally displaced persons and refugees remain scattered.

- 9/06: MERS-CoV – Saudi Arabia

**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, Guadeloupe, Haiti, Jamaica, Martinique, Montserrat, Puerto Rico, Saba, Saint Kitts & Nevis, Saint Lucia, Saint Martin, Saint Vincent & the Grenadines, Saint Eustatius, 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>US</th>
<th>Cumulative Since 1/1/15</th>
<th>US Territories</th>
<th>Cumulative Since 1/1/15</th>
</tr>
</thead>
<tbody>
<tr>
<td>Travelers</td>
<td>229</td>
<td>5,168</td>
<td>0</td>
<td>147</td>
</tr>
<tr>
<td>Local Mosquito-borne infection</td>
<td>0</td>
<td>224</td>
<td>554</td>
<td>36,862</td>
</tr>
<tr>
<td>Other Route</td>
<td>2 (sex)</td>
<td>49</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>231</strong></td>
<td><strong>5,441</strong></td>
<td><strong>554</strong></td>
<td><strong>37,009</strong></td>
</tr>
</tbody>
</table>

**40 States with symptomatic disease cases**: Alabama, Alaska, Arizona, California, Colorado, 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, District of Colombia, Idaho, Montana, New Hampshire, New Mexico, North Dakota, South Dakota, Tennessee,

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

When did “Attachment Parenting” come to mean vaccine refusal?
[https://shotofprevention.com/2011/05/24/when-did-attachment-parenting-come-to-mean-vaccine-refusal/#comment-116796](https://shotofprevention.com/2011/05/24/when-did-attachment-parenting-come-to-mean-vaccine-refusal/#comment-116796)

From the Immunization Action Coalition

Volume 27 — Number 1

[http://www.immunize.org/nslt.d/n70/n70.pdf](http://www.immunize.org/nslt.d/n70/n70.pdf)
Volume 27, number 1
Contraindications and Precautions to Commonly Used Vaccines

**Issue 1324**: September 6, 2017

**Ask the Experts**: A 5-year old patient received Pentacel (DTaP-IPV/Hib) for the 5th dose of DTaP instead of Quadracel (DTaP-IPV). Can I count the Pentacel as a valid dose, or will we need to revaccinate this patient?

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**COLUMN**: Who’s cheating California’s tough new vaccine system?

- Sutter County bucks trend of higher vaccination rate (CA)
- Deschutes County third in vaccine refusal (OR)
- Why some kids are heading back to school without vaccines (IL)
- Mumps cases up on Hawaii Island (HI)
- San Diego declares health emergency amid Hepatitis A Outbreak (NPR)
- Lancaster street vendor may have exposed consumers to hepatitis A (CA)
- Pertussis outbreak confirmed in Ravalli County (MT)
- How grandparents can help protect against whooping cough (Consumer Reports)
- Meet the Uber driver on a mission to troll the ‘Vaxxed’ anti-vaccine road trip (STAT)
In other news...


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