**Week in Review**

**October 9, 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, October 11, 12:00 pm ET – Influenza**

**Medscape, Facebook Live:** Dr. Dan Jernigan (director of CDC’s Influenza division) will be discussing flu season, who is at risk, and why it is important to recommend a flu shot.

**Wednesday, October 11, 5:30 pm ET**

Learn more: [https://www.cdc.gov/flu/resource-center/toolkit/index.htm](https://www.cdc.gov/flu/resource-center/toolkit/index.htm)

**CDC Clinician Outreach & Communication:** The Role of Healthcare Professionals in Protecting Older Adults against Influenza.

**Thursday, October 12, 2:00 – 3:00 pm ET**

Learn More: [https://emergency.cdc.gov/coca/calls/index.asp](https://emergency.cdc.gov/coca/calls/index.asp)

**CDC UpShot Webinar:** Understanding and Addressing Parent Questions about Childhood Vaccines

**Tuesday, October 17, 12:00 – 1:00 pm ET**

Register here: [https://www2.cdc.gov/vaccines/ed/nvpo/](https://www2.cdc.gov/vaccines/ed/nvpo/)

**NFID Webinar:** Hepatitis A and B Vaccines: Recommendations and Impact

**Wednesday, October 18, 12:00 pm ET**

Register here: [https://cc.readytalk.com/registration/#/?meeting=tadattzsdma&campaign=u2bzyoijwb8f](https://cc.readytalk.com/registration/#/?meeting=tadattzsdma&campaign=u2bzyoijwb8f)

---

**Upcoming Flu Clinics…**

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

**Thursday, Oct 12** from 4:30 – 6:30 pm:
Our Daily Bread, 214 N. Broad Street, Middletown DE 19709

**Saturday, Oct 14** from 9:00 am – 2:00 pm:
Frankford MC Health Fair; Frankford Fire Hall | 7 Main Street, Frankford DE 19945
Global Infectious Disease

WHO Africa: Weekly Bulletin on Outbreaks and Other Emergencies
Week 40: September 30 – October 6, 2017

3 New Events | 43 Ongoing Events | 33 Outbreaks | 13 Humanitarian Crises

http://apps.who.int/iris/bitstream/10665/259207/1/OEW40-30906102017.pdf

- New Events:
  o Liberia – Measles (16 cases, 0 deaths). Outbreak began 9/20. Index case is a 3-year-old girl from Kayata Community who became ill on 9/06 with fever, red eyes, cough, and maculopapular rash. All cases were not previously vaccinated. No cases have presented since 9/21.

- Ongoing Events:
  o Madagascar – plague (387 cases, 45 deaths, CFR 11.6%). Since the last report on Sept 29, 254 new suspected cases (and 21 deaths) have been reported. Pneumonic: 227 cases; Bubonic: 106 cases; Septicemic: 1 case; Unspecified: 3 cases. One basketball official from Seychelles has been confirmed dead due to the plague, and another is undergoing treatment. At least 8 healthcare workers from one district health hospital have contract the plague since September 30.
    http://apps.who.int/iris/bitstream/10665/259208/1/Ext-PlagueMadagascar9102017.pdf
    SITUATION REPORT
  
  o DRC – cholera (31,646 cases, 629 deaths, CFR 2.0%). The trend of the outbreak continues to increase, with over 2,000 new cases being reported this week. Eighteen (18) out of 26 provinces are reporting cases.

http://apps.who.int/iris/bitstream/10665/259208/1/Ext-PlagueMadagascar9102017.pdf
Uganda – *cholera* (133 cases, 3 deaths, CFR 2.3%). A cluster of cases was reported in Kasese District, following the index case of a 42-year old cotton farmer. 32% of the cases have been children under 5 years old.

Nigeria (*Borno State*) – *cholera* (4,704 cases, 60 deaths, CFR 1.3%). Outbreak is improving. Five out of 27 Local Government Areas (LGAs) are reporting cases.

Niger – *Hepatitis E* (1,955 cases, 38 deaths, CFR 1.9%). Trend of this outbreak continues to decrease steadily, and the incidence has fallen to below 40 cases/week. Five districts have been affected. Women are disproportionally affected (58%).

- **Humanitarian Crisis:**
  - Ethiopia. The inter-communal conflict between Oromia and Somali communities that began in September shows no signs of easing. An estimated 95,000 – 100,000 new internally displaced persons (IDPs) in the Oromia region and 110,000-120,000 IDPs in the Somali Region are dealing with acute watery diarrhea, measles, and severe acute malnutrition.

- 10/2: Plague – Madagascar
- 10/9: Saudi Arabia – MERS-CoV

**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, 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**

|------------------|---------|------------------------|---------------------|------------------------|

**US Case Counts**

As of Oct 4, 2017

US

<table>
<thead>
<tr>
<th>Cases</th>
<th>Deaths</th>
<th>CFR</th>
</tr>
</thead>
<tbody>
<tr>
<td>2017</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**US Territories**

<table>
<thead>
<tr>
<th>Cases</th>
<th>Deaths</th>
<th>CFR</th>
</tr>
</thead>
<tbody>
<tr>
<td>2017</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Travelers</td>
<td>Local Mosquito-borne infection</td>
</tr>
<tr>
<td>------------------</td>
<td>-----------</td>
<td>-------------------------------</td>
</tr>
<tr>
<td></td>
<td>284</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>5,255</td>
<td>225</td>
</tr>
<tr>
<td></td>
<td>0</td>
<td>569</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Travelers**

<p>| | | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>284</td>
<td>1</td>
<td>3 (sex)</td>
<td>288</td>
</tr>
<tr>
<td></td>
<td>5,255</td>
<td>225</td>
<td>50</td>
<td>5,530</td>
</tr>
<tr>
<td></td>
<td>0</td>
<td>569</td>
<td>0</td>
<td>569</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>37,075</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

What signals the Start of Flu Season?

---

From the Immunization Action Coalition

**Issue 1328**: October 4, 2017

**Ask the Experts**: If you choose to give Trumenba brand MenB vaccine (Pfizer) to a 16-year-old with HIV infection (under the Category B recommendation for all adolescents), should you use the 2-dose (standard) schedule, or the 3-dose (high-risk) schedule?
Measles cases are rising. Here are the states where it’s becoming more common (Time)

When adults choose not to vaccinate against measles, babies pay the price (Gears of Biz)

Immunization exemptions to require 20-minute educational module for parents (UT)

OPINION: Why immunization exemptions ban should be repealed (CA)

In other news…

CDC Digital Media Toolkit: 2017 – 2018 Flu Season

Vaccine Communication with Parents: Best Practices

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