Week in Review
September 10, 2018

Notes & Updates
The ICD is once again helping to plan the Communicable Disease Summit on December 10. If you, or anyone you know, might like to register for a sponsor table, please let Dr. Smith know!

Continuing Education!
http://www.immunizedelaware.org/for-professionals/continuing-education-events/

Medscape: Prevention of Pertussis, Tetanus, and Diphtheria with Vaccines in the United States
The goal of this activity is to describe current recommendations from the Advisory Committee on Immunization Practices (ACIP) regarding prevention and control of tetanus, diphtheria, and pertussis in the United States, based on a comprehensive summary of previously published recommendations. Continuing Education credits available (physicians, ABIM, Nurses, Pharmacists).
https://t.co/06Pgc1xKE2

VIC Network: 2018-2019 Seasonal Flu Recommendations and Communications Messaging
Monday, September 17, 2018 from 1:00 – 2:00 pm

Fighting Flu in Philly
Thursday, September 20, 2018 from 10:00 am – 12:00 pm

CDC Pink Book Webinars
Register now for the online webinars by the CDC, providing an overview of the principles of vaccination, general recommendations, immunization strategies for providers, and specific information about vaccine-preventable diseases and the vaccines that prevent them. Each one-hour webinar explores a chapter from the 13th edition of “Epidemiology and Prevention of Vaccine-Preventable Diseases,” also known widely as “The Pink Book.” Continuing education will be available for each event. All events begin at noon, ET, and are on Wednesdays. The first is on June 6.

Register here: https://www.cdc.gov/vaccines/ed/webinar-epv/
WHO Afro Outbreaks & Emergencies
Week 36: September 1 – 7, 2018

- [http://apps.who.int/iris/bitstream/handle/10665/274335/OEW36-15092018.pdf](http://apps.who.int/iris/bitstream/handle/10665/274335/OEW36-15092018.pdf)
- New Events
  - **End of Outbreak: Listeriosis (South Africa).** The outbreak began on December 5, 2017, and was declared over on September 3, 2018. The source of the outbreak was a strain of *Listeria monocytogenes* found in read-to-eat processed meat products. A total of 1060 confirmed cases, and 216 deaths (CFR 20.4%) were reported, and all nine provinces in South Africa were affected.
- Ongoing Events
  - **Cameroon – Cholera** (251 cases, 20 deaths, CFR 8%). The outbreak is insidious, with active transmission in the North Region. The majority of cases (63%) are females and 57% are between 16 and 45 years old.
  - **DRC – Ebola Virus Disease** (131 cases, 89 deaths, CFR 68%). The outbreak continues to evolve. Seventeen of the confirmed cases are healthcare workers, and one has died. Since the onset of the outbreak, 33 case-patients have recovered, were discharged, and have re-integrated into their communities. Of the 113 confirmed and probable cases with known age and sex, females account for 55% (n=62), and the largest proportion (n=29, 26%) of cases were aged 35-44 years. Seven health zones in North Kivu Province, and one zone in Ituri Province have reported cases.
  - **Namibia – Hepatitis E** (2,554 cases, 24 deaths, CFR 0.9%). The outbreak has shown some improvement in the last two weeks. The outbreak began in September 2017, and small peaks and valleys have been reported.
  - **Niger – Cholera** (2,638 cases, 51 deaths, CFR 1.9%). The outbreak is rapidly increasing, with five health districts affected. The main age group affected is 15 years and above.
- **Humanitarian Crisis**
  - **Central African Republic.** For the past two weeks, there has been increased tension and violence in many parts of the country, with significant adverse consequences for the affected population. Heavy rains in August caused flooding and collapse of houses, armed clashes in internally displaced persons sites, and limited humanitarian access have all led to excess deaths in children less than five, possible viral hemorrhagic fever cases, acute watery diarrhea, and confirmed malaria cases.

**WHO Disease Outbreak News** ([www.who.int/csr/don/en/](www.who.int/csr/don/en/))
- 9/5: China – Influenza A (H7N9)
- 9/7: DRC – Ebola Virus Disease
- 9/7: DRC – Yellow Fever

**CDC Current Outbreak List** ([https://www.cdc.gov/outbreaks/index.html](https://www.cdc.gov/outbreaks/index.html))
- Kosher Chicken - *Salmonella*
- Fresh Express Salad Mix (McDonald’s) – *Cyclospora*
- Hy-Vee Spring Pasta Salad – *Salmonella*

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**2018 US Zika Case Counts**

<table>
<thead>
<tr>
<th></th>
<th>US 2018</th>
<th>Cumulative Since 1/1/15</th>
<th>US Territories 2018</th>
<th>Cumulative Since 1/1/15</th>
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<tbody>
<tr>
<td>Travelers</td>
<td>41</td>
<td>5,437</td>
<td>0</td>
<td>147</td>
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<tr>
<td>Local Mosquito-borne</td>
<td>0</td>
<td>231</td>
<td>82</td>
<td>37,123</td>
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<tr>
<td>Other Route</td>
<td>0</td>
<td>55</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>41</strong></td>
<td><strong>5,723</strong></td>
<td><strong>82</strong></td>
<td><strong>37,270</strong></td>
</tr>
</tbody>
</table>

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**From Shot of Prevention**

Fifty and Fabulous, but NOT Fully Vaccinated

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**From the Immunization Action Coalition**
**In other news…**

**Australia:** Spike in Salmonella Oranienburg cases linked to alfalfa sprouts  

Clinical trial testing topical cream plus influenza vaccine in progress  

The Mysterious Origins of the Smallpox Vaccine  

**Spanish flu:** the killer that still stalks us, 100 years on  

**Zimbabwe cholera outbreak linked to burst sewer pipe**  
If you have something you would like to see added to the ICD’s Week in Review, please e-mail ksmith@delamaed.org.