Quarterly Meeting: This Thursday!

**Quarterly Meeting**

*Thursday, May 17, 2017*
10:30 AM – 12:00 PM

*Christiana Hospital – Ammon Center*
Rooms 2 & 3
4755 Ogletown-Stanton Road | Newark, DE | 19713
Also Online

**Topics:**
- Website Updates & Outreach Events
- Emerging Infectious Disease
- 2017-2018 Flu Update
- DCC Advisory Council Meeting Update
- Hepatitis B Update

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

HHS Region II Stakeholder Engagement Meeting:
Strengthening Adult Immunization Communication
The U.S. Department of Health and Human Services Region III Office, in collaboration with the National Vaccine Program Office.

Thursday, May 24, 2018
8:00 am – 12:00 pm, ET
Register here: [https://2018regionalnaipmtg.com/](https://2018regionalnaipmtg.com/)
During week 18 (April 29 – May 5, 2018), influenza activity decreased in the United States.

Low ILI activity was reported in Puerto Rico and Arizona.

Minimal ILI activity was reported in the District of Colombia, New York City, and 49 states (including Delaware).

Widespread influenza activity was reported by three states. Regional activity was reported by Guam, Puerto Rico, and four states. Local activity was reported by 16 states (including Delaware). Sporadic activity was reported by the District of Colombia, and 25 states. No influenza activity was reported by the US Virgin Islands and two states.

<table>
<thead>
<tr>
<th>Specimen Tested</th>
<th>Week 18</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Positive Specimen (%)</td>
<td>86 (24.9)</td>
<td>52,503 (54.9)</td>
</tr>
<tr>
<td>Influenza A (%)</td>
<td>28 (32.6)</td>
<td>37,645 (71.7)</td>
</tr>
<tr>
<td>Influenza B (%)</td>
<td>58 (67.4)</td>
<td>14,858 (28.3)</td>
</tr>
</tbody>
</table>
In week 18, there were 24 lab-confirmed cases of flu in Delaware, and the state activity remains LOCAL. There were zero flu-related deaths.

<table>
<thead>
<tr>
<th></th>
<th>Cases</th>
<th>Hospitalizations</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Week 18</td>
<td>Total</td>
</tr>
<tr>
<td>Delaware</td>
<td>24</td>
<td>9,024</td>
</tr>
<tr>
<td>New Castle</td>
<td>6</td>
<td>3,164</td>
</tr>
<tr>
<td>Kent</td>
<td>6</td>
<td>2,123</td>
</tr>
<tr>
<td>Sussex</td>
<td>12</td>
<td>3,737</td>
</tr>
<tr>
<td>Deaths</td>
<td>0</td>
<td>35</td>
</tr>
</tbody>
</table>

[Figure 1. Confirmed cases of influenza by type and subtype/lineage, Delaware 2017-18]

Based on patients with positive nucleic acid or viral culture test results reported to the Delaware Division of Public Health. Data Source: Season 2017–2018 Influenza Positive Specimens from Delaware. Reported by WHONREVSS Collaborating Laboratories

May 2018, Volume 24, Issue 5 – Vectorborne Infections
**WHO Afro Outbreaks & Emergencies**

Week 18: April 28 – May 4, 2018

[http://apps.who.int/iris/bitstream/handle/10665/272450/OEW18-280404052018.pdf](http://apps.who.int/iris/bitstream/handle/10665/272450/OEW18-280404052018.pdf)

- **New Event**
  - **Kenya – Floods.** Large parts of Kenya have been experiencing floods following heavy rains, 33 out of 47 counties have been affected, especially those along the main rivers. The death toll is currently at 80, with more than 33 injured. At least 244,407 people have been displaced. The rains and floods have compounded ongoing outbreaks of cholera and chikungunya; damaged infrastructure; and disrupted social services including health and education.

- **Ongoing Events**
  - **Niger – Meningitis** (1,053 cases, 81 deaths, CFR 7.7%). Sporadic cases (within normal range) of meningitis have been reported since the beginning of 2018, however in the last 3 weeks, Keita District has surpassed epidemic threshold, and three districts have crossed the alert threshold (3 cases per 100,000 people).
  - **Nigeria – Lassa fever** (1,891 cases, 116 deaths, CFR 6.1%). The outbreak has remained stable, with only sporadic new cases being reported. In week 17, four new confirmed cases and one new death were reported from three states. Fifteen states have exited the active transmission phase, leaving only six states active. Thirty-seven healthcare workers from eight states have been affected since the beginning of the outbreak, with eight deaths.
  - **Zimbabwe – Cholera** (51 cases, 3 deaths, CFR 5.9%). The outbreak in the suburbs of Harare (the capital city) continues, with 15 new suspected cases in the past two weeks.

- **Humanitarian Crisis**
  - **South Sudan.** The security situation continues to deteriorate, and is characterized by human rights violations, intercommunal clashes and revenge killings, cattle raiding, kidnapping, harassment, and intimidation. Attacks on humanitarian workers continue, and the food security situation has deteriorated. Over half of the population are in the critical/emergency phase, and the global acute malnutrition rate exceeds the emergency threshold of 15%. Malaria, AWD, and measles have been reported, along with Rift Valley Fever and Hepatitis E.

- **External Situation Report**
  - **Democratic Republic of the Congo.** On May 8, the Ministry of Health declared an outbreak of Ebola virus disease in Bikoro Health Zone. This is the ninth outbreak of Ebola in the last four decades. As of May 11, there are a total of 34 cases and 18 deaths (2 confirmed, 14 suspected, 18 probable, CFR 52.9%). Three health workers have been affected. The situation report can be found here: [http://apps.who.int/iris/bitstream/handle/10665/272509/SITREP-EVD-DRC-20180511.pdf](http://apps.who.int/iris/bitstream/handle/10665/272509/SITREP-EVD-DRC-20180511.pdf)


- 5/10: DRC - Ebola
# 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>
</tr>
</thead>
<tbody>
<tr>
<td>Travelers</td>
<td>21</td>
<td>5,414</td>
<td>0</td>
<td>147</td>
</tr>
<tr>
<td>Local Mosquito-borne infection</td>
<td>0</td>
<td>231</td>
<td>45</td>
<td>37,082</td>
</tr>
<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>21</strong></td>
<td><strong>5,700</strong></td>
<td><strong>45</strong></td>
<td><strong>37,229</strong></td>
</tr>
</tbody>
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**From Shot of Prevention**

Nurses, Teachers, and Mothers all Influence Immunization Uptake  

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**From the Immunization Action Coalition**

**Issue 1363**: May 9, 2018  

Do kids who aren’t vaccinated face discrimination? (MO)

Perdue, IU will require all incoming students get meningitis B vaccine this fall (IN)

Oregon health workers’ flu shot rates fall short (OR)

Antibiotic prescriptions in infants may impact the effectiveness of important vaccinations

CDC examines California rotavirus outbreaks in post-vaccine era

New MS drug may reduce effectiveness of certain vaccines

Did bacterial meningitis cause Helen Keller’s deafblindness?

Whooping cough cases confirmed in Iowa’s Cerro Gordo, Fayette counties (IA)

Case of whooping cough confirmed in WNC (NC)

Kanawha County Taco Bell employee diagnosed with Hepatitis A (WV)

In other news…

Experimental vaccine to be used against Ebola outbreak in the DRC
https://www.statnews.com/2018/05/13/ebola-vaccination-program-could-begin-this-week-in-the-drc/

Shoebox-sized lab can diagnose infectious diseases from a drop of blood

Vaccines are pushing pathogens to evolve
https://www.quantamagazine.org/how-vaccines-can-drive-pathogens-to-evolve-20180510/

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