Week in Review
May 7, 2018

Save the Date!

<table>
<thead>
<tr>
<th>IMMUNIZATION COALITION of DELAWARE</th>
</tr>
</thead>
<tbody>
<tr>
<td>QUARTERLY MEETING</td>
</tr>
</tbody>
</table>
| **When:**  | Thursday, May 17, 2017  
10:30 AM – 12:00 PM |
| **Where:**  | Christiana Hospital – Ammon Center  
Rooms 2 & 3  
4755 Ogletown-Stanton Road | Newark, DE | 19713  
Also Online |
| **Topics:**  | Website Updates & Outreach Events  
Emerging Infectious Disease, Pertussis, School Health  
Influenza/RSV, Health Care Workers  
Flu Update |

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

CDC and Emory University: 100 Years of Influenza Pandemics and Practice Live Webcast  
Monday, May 7  
8:30 am – 5:30 pm  
Register: https://www.cdc.gov/flu/pandemic-resources/1918-commemoration/symposium-registration.htm

AHEC Webinar: You are the Key to HPV Cancer Prevention  
Wednesday, May 9  
12:30 pm – 1:30 pm
Register: [https://www.eventbrite.com/e/you-are-the-key-to-hpv-vaccination-webinar-tickets-44846110925](https://www.eventbrite.com/e/you-are-the-key-to-hpv-vaccination-webinar-tickets-44846110925)

**CDC COCA Call: Recommendations for the Use of Herpes Zoster Vaccines**
Clinicians will learn about CDC recommendations for herpes zoster vaccines and the clinical guidelines for the new Shingrix vaccine. CME Credit Available.

Thursday, May 10
2:00 – 3:00 pm

**AHEC West CME Self-Study: HPV Vaccine Safety**
1 AMA PRA Category 1 Credit hour (physicians) and 1 ANCC contact hour (nurses) available until May 10.
[http://www.cmeuniversity.com/course/disclaimer/114869](http://www.cmeuniversity.com/course/disclaimer/114869)

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**CDC Influenza Surveillance Report**
[https://www.cdc.gov/flu/weekly/](https://www.cdc.gov/flu/weekly/)

During week 17 (April 22 - 28, 2018), influenza activity decreased in the United States.

*Low ILI activity* was reported in two states (Alaska and Arizona).
Minimal ILI activity was reported in the District of Colombia, New York City, Puerto Rico, and 48 states (including Delaware).

Widespread influenza activity was reported by three states. Regional activity was reported by Guam, Puerto Rico, and seven states. Local activity was reported by 24 states (including Delaware). Sporadic activity was reported by the District of Colombia, and 14 states. No influenza activity was reported by the US Virgin Islands and two states.

<table>
<thead>
<tr>
<th>Specimen Tested</th>
<th>Week 17</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Positive Specimen (%)</td>
<td>135 (28.9)</td>
<td>51,906 (55.1)</td>
</tr>
<tr>
<td>Influenza A (%)</td>
<td>39 (28.9)</td>
<td>37,368 (72.0)</td>
</tr>
<tr>
<td>Influenza B (%)</td>
<td>96 (71.1)</td>
<td>14,538 (28.0)</td>
</tr>
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</table>

In week 17, there were 43 lab-confirmed cases of flu in Delaware, and the state activity has dropped to LOCAL. There were zero flu-related deaths.

<table>
<thead>
<tr>
<th>Cases</th>
<th>Hospitalizations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Week 17</td>
<td>Total</td>
</tr>
<tr>
<td>Delaware</td>
<td>43</td>
</tr>
<tr>
<td>New Castle</td>
<td>11</td>
</tr>
<tr>
<td>Kent</td>
<td>2</td>
</tr>
<tr>
<td>Sussex</td>
<td>30</td>
</tr>
<tr>
<td>Deaths</td>
<td>0</td>
</tr>
</tbody>
</table>

May 2018, Volume 24, Issue 5 – Vectorborne Infections

WHO Afro Outbreaks & Emergencies
Week 17: April 21 - 27, 2018
http://apps.who.int/iris/bitstream/handle/10665/272431/0EW17-2127042018.pdf

- New Event
  - Mauritania – Crimean-Congo Hemorrhagic Fever (1 case, 0 deaths). A case was confirmed in Ould Yenge commune, in the Guidimaka region
of the country in a 58-year-old male herder who became ill after tending to a sick cow.

- **Uganda – Cutaneous anthrax** (10 cases, 0 deaths). The event was initially detected on Feb 9 when a cluster of three cases reported to the local health facility in Arua District. A separate cluster of four cases from the same sub-county developed skin lesions. All of these patients had participated in skinning and/or handling a carcass of a cow.

- **Ongoing Events**
  - **South Africa – Listeriosis** (1,019 cases, 199 deaths, CFR 19.5%). The trend continues to decline, and the weekly incidence has dropped to fewer than 15 cases per week. Since the recall of the implicated food products, 50 cases have been confirmed.
  - **Tanzania – Cholera** (1,711 cases, 33 deaths, CFR 1.9%). The initial decline seems to be reversing – there has been a 27% increase in the number of cholera cases in the first quarter of 2018 as compared to the same period in 2017.
  - **Uganda – Cholera** (2,117 cases, 44 deaths, CFR 2.1%). The outbreak in the refugee settlements in Hoima District have improved, with only sporadic cases being reported in the last two weeks.

- **Humanitarian Crisis**
  - **Central African Republic.** The situation remains serious, amplified by impeded access to populations in need. Targeted attacks on aid workers, ambushes on convoys, robberies, and extortion are only a few of the issues in the country. An outbreak of acute jaundice syndrome has been reported, with a presumptive diagnosis of hepatitis E. Acute abdomen cases due to intestinal perforation, typhoid fever, and monkeypox have also been noted.

**WHO Disease Outbreak News** ([www.who.int/csr/don/en/](www.who.int/csr/don/en/))
- 5/01: France – Dengue Fever
- 5/02: South Africa - Listeriosis

**2018 US Zika Case Counts**

<table>
<thead>
<tr>
<th></th>
<th>As of May 2, 2018</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>45</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>
<td></td>
</tr>
<tr>
<td>Other Route</td>
<td>0</td>
<td>55</td>
<td>0</td>
<td>0</td>
<td></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>
<td></td>
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**From Shot of Prevention**
Rise in Vaccine Hesitancy Related to Pursuit of Purity: A Conversation with Professor Larson

From the Immunization Action Coalition

Issue 1362: May 2, 2018
http://www.immunize.org/express/issue1362.asp

Ask the Experts: March Edition
http://www.immunize.org/express/issue1355.asp


50% of Vaccine Injuries are Delivery Related

Mumps outbreak at WIU (IL)

6th Measles case confirmed in Santa Clara County (CA)

Hepatitis A exposure reported at West Bloomfield High School luncheon (MI)
Hepatitis A case confirmed at Lexington elementary school (KY)

In other news…

How Nigeria’s Start-Stop Immunization Battle is Winning the War to Eradicate Polio in Africa [http://time.com/5266882/nigeria-polio-eradication-vaccination/]

Last nationwide vaccination campaign starts before the high transmission season for poliovirus [https://reliefweb.int/report/afghanistan/last-nationwide-vaccination-campaign-starts-high-transmission-season-poliovirus]

Registries prove to be powerful tool in raising immunization rates [http://www.aappublications.org/news/2018/05/04/immunization050418]

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