**2019 Communicable Disease Summit**

Register for the 2019 Communicable Diseases Health Summit! Check out the speakers and agenda at [https://delamed.org/CD2019](https://delamed.org/CD2019).

If you or your group would like to be a vendor at the summit, please reach out to Dr. Smith at ksmith@delamed.org!

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**Flu News**

Prevention and Control of Seasonal Influenza with Vaccines: Recommendations of the Advisory Committee on Immunization Practices — United States, 2019–20 Influenza Season - [https://www.cdc.gov/mmwr/volumes/68/rr/rr6803a1.htm](https://www.cdc.gov/mmwr/volumes/68/rr/rr6803a1.htm)

Upcoming Flu Clinics (all clinics now up on immunizedelaware.org under the 2019-2020 flu season):

<table>
<thead>
<tr>
<th>Date/Time</th>
<th>Clinic</th>
<th>Phone Number</th>
<th>Ages</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monday – Friday</td>
<td>Hudson State SC</td>
<td>302-283-7587 Option 2</td>
<td>6 months and older</td>
</tr>
<tr>
<td>By Appointment Only</td>
<td>501 Ogletown Road</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Newark</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Monday – Friday</td>
<td>Porter State SC</td>
<td>No appointment needed</td>
<td>9 years and older</td>
</tr>
<tr>
<td>8:00 – 12:00 pm</td>
<td>511 W. 8th Street</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1:00 – 4:00 pm</td>
<td>Wilmington</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Monday – Friday</td>
<td>Williams State SC</td>
<td>302-857-5140</td>
<td>6 months and older</td>
</tr>
<tr>
<td>8:00 am – 4:30 pm</td>
<td>805 River Road</td>
<td></td>
<td></td>
</tr>
<tr>
<td>By Appointment Only</td>
<td>Dover</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fridays</td>
<td>Milford State SC</td>
<td>302-424-7130</td>
<td>9 years and older</td>
</tr>
<tr>
<td>By Appointment Only</td>
<td>253 NE Front Street</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Milford</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Continuing Education!
http://www.immunizedelaware.org/for-professionals/continuing-education-events/

www.cdc.gov/flu/weekly

Week 46 (Week ending November 16, 2019).

Seasonal influenza activity in the United States continues to increase, but the amount of activity and predominant virus varies by region.

- Clinical lab: 7.3% of specimens positive for influenza virus
- Public health lab: Influenza B/Victoria are most common, followed by A(H1N1) and A(H3N2) – predominant virus varies by region and age group.
- ILI Activity
  - High: Puerto Rico and seven states (AL, AR, GA, MS, NV, SC, TX)
  - Low: New York City and 12 states (AK, AZ, CA, CO, CT, HI, MD, NJ, NM, OK, TN, VA)
  - Minimal: the District of Colombia and 30 states (including Delaware)
  - Insufficient Data: US Virgin Islands and one state (LA)
- Geographic Spread
  - Widespread: six states (AL, CA, LA, MA, NV, SC)
  - Regional: nine states (AZ, CT, FL, GA, HI, NM, OR, TN, TX)
  - Local: Puerto Rico and 23 states (including Delaware)
  - Sporadic: the District of Colombia, the US Virgin Islands, and 11 states (AK, ID, KS, ME, MO, MT, OH, PA, SD, UT, VT)
  - No Activity: Rhode Island
  - No Report: Guam

Delaware Surveillance

- Activity level: LOCAL.
- Predominant Strain(s): B/Victoria and B/No lineage.
<table>
<thead>
<tr>
<th>Cases</th>
<th>Week 46</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Delaware</td>
<td>20</td>
<td>66</td>
</tr>
<tr>
<td>Kent</td>
<td>2</td>
<td>8</td>
</tr>
<tr>
<td>New Castle</td>
<td>17</td>
<td>45</td>
</tr>
<tr>
<td>Sussex</td>
<td>1</td>
<td>13</td>
</tr>
<tr>
<td>Hospitalizations</td>
<td>2</td>
<td>6</td>
</tr>
<tr>
<td>Deaths</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

**EMERGING INFECTIONS DISEASES**

November 2019, Volume 25, Issue 12 – Zoonoses
https://wwwnc.cdc.gov/eid

**WHO Afro Outbreaks & Emergencies**
Week 46: November 11 - 17, 2019

- [https://apps.who.int/iris/bitstream/item/334140/OEW46-18112019.pdf](https://apps.who.int/iris/bitstream/item/334140/OEW46-18112019.pdf)

- New Events
- Ongoing Events
  - **Burundi – Cholera** (1,074 cases, 7 deaths, CFR 0.7%). The outbreak began in June of this year, and 10 health districts have been affected (although the majority of cases have been reported from only three).
  - **Cote d’Ivoire – Circulating vaccine-derived poliovirus type 2**. The WHO was notified of an environmental sample testing positively for cVDPV2. The virus has undergone 17 nucleotide changes and is linked to a virus detected in Niger in 2018. IPV immunization coverage across the country was 67% in 2018 (and the affected area had not participated in mOPV2 campaigns).
  - **DRC – Ebola Virus Disease** (3,292 cases, 2,195 deaths, CFR 67%). Experts are continuing to see persistent transmission:
    - 5 new confirmed cases have been reported this week
    - 2 deaths this week
    - 163 health workers have been affected (5%)
    - 29 health zones affected with at least one case
    - 4 health zones with confirmed cases in the last 21 days
    - 6 health zones: ongoing contact tracing
  - **Nigeria – Yellow Fever** (3,620 cases, 150 deaths, CFR 4.1%). The outbreak has been ongoing since September 2017. Six states across the two northern zones have been the hot spots of the outbreak, although there are suspected cases throughout the country.
Humanitarian Crisis

- 11/19: Dengue fever - Pakistan
- 11/21: Venezuela – Yellow fever
- 11/22: Sudan – Dengue fever

**CDC Current Outbreak List** ([https://www.cdc.gov/outbreaks/index.html](https://www.cdc.gov/outbreaks/index.html))
- *Salmonella* infections in ground beef (November 2019)
- *Salmonella* infections in Turtles (October 2019)

**Travel Notices**
- October
  - Dengue: Asia and the Pacific Islands
  - Chikungunya in Ethiopia
  - Polio in the Philippines
  - Dengue in the Mediterranean Region


<table>
<thead>
<tr>
<th></th>
<th>US 2019</th>
<th>US Territories 2019</th>
</tr>
</thead>
<tbody>
<tr>
<td>Travelers</td>
<td>14</td>
<td>2</td>
</tr>
<tr>
<td>Local Mosquito-borne infection</td>
<td>0</td>
<td>49</td>
</tr>
<tr>
<td>Other Route</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>15</strong></td>
<td><strong>51</strong></td>
</tr>
</tbody>
</table>

States: CA, GA, ID, NE, NV, NJ, NY, TX, UT

**From the Immunization Action Coalition**

**Issue 1461: November 20, 2019**

**Ask the Experts: September**
In other news…

Chikungunya vaccine: Valneva reports excellent final Phase 1 results - http://outbreaknewstoday.com/chikungunya-vaccine-valneva-reports-excellent-final-phase-1-results-45586/


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