**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:

<table>
<thead>
<tr>
<th>Date/Time</th>
<th>Clinic</th>
<th>Phone Number</th>
<th>Ages</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monday – Friday 8:00 am – 4:30 pm</td>
<td>Hudson State SC 501 Ogletown Road Newark</td>
<td>302-283-7587 Option 2</td>
<td>6 months and older</td>
</tr>
<tr>
<td>Monday – Friday 8:00 – 12:00 pm 1:00 – 4:00 pm</td>
<td>Porter State SC 511 W. 8th Street Wilmington</td>
<td>No appointment needed</td>
<td>9 years and older</td>
</tr>
<tr>
<td>Monday – Friday 8:00 am – 4:30 pm</td>
<td>Williams State SC 805 River Road Dover</td>
<td>302-857-5140</td>
<td>6 months and older</td>
</tr>
<tr>
<td>Mondays By Appointment Only</td>
<td>Milford State SC 253 NE Front Street Milford</td>
<td>302-424-7130</td>
<td>9 years and older</td>
</tr>
<tr>
<td>Monday – Thursday 9:00 – 11:30 am 1:00 – 3:30 pm</td>
<td>Shipley State SC 350 Virginia Avenue Seaford</td>
<td>No appointment needed</td>
<td>6 months and older</td>
</tr>
</tbody>
</table>

**Continuing Education!**


HPV and Immunizations. A discussion about the Human Papillomavirus from an Oncologist’s Perspective. What can be Prevented with this Vaccination.

In this one hour webinar, participants will learn about the HPV Virus from an oncologist’s perspective. Participants will be able to discuss reasons why the Human Papillomavirus vaccination can lead to prevention of HPV related cancers and describe the effects of HPV related cancer in women. Healthcare providers will understand the burden of the HPV disease and the rationale for vaccinating youth at ages 11 and 12.

Thursday, January 9, 2020 from 3:00 – 4:00 pm ET
Week 51 (Week ending December 21, 2019).

Seasonal influenza activity in the United States continues to increase, and has been elevated for seven weeks.

- Clinical lab: 22.1% of specimens positive for influenza virus
- Public health lab: Influenza B/Victoria are most common, followed by A(H1N1)pdm09 – predominant virus varies by region and age group.
- ILI Activity
  - High: the District of Colombia, Puerto Rico, New York City and 25 states.
  - Moderate: six states.
  - Low: nine states.
  - Minimal: six states (including Delaware)
  - Insufficient Data: US Virgin Islands and four states

- Geographic Spread
  - Widespread: 39 states (including Delaware)
  - Regional: nine states
  - Local: the District of Colombia and two states
o Sporadic: the US Virgin Islands
o No Report: Guam and Puerto Rico

**Burden Estimates**
(https://www.cdc.gov/flu/about/burden/preliminary-in-season-estimates.htm)

The CDC estimates that, from October 1, 2019 through December 7, 2019, there have been:

- Flu illnesses: 4.6 million – 6.6 million
- Medical visits: 2.2 million – 3.2 million
- Flu hospitalizations: 39,000 – 68,000
- Flu deaths: 2,100 – 5,200

**Delaware Surveillance**

- Activity level: WIDESPREAD.
- Predominant Strain(s): B/Victoria and B/No lineage.

<table>
<thead>
<tr>
<th>Cases</th>
<th>Week 51</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Delaware</td>
<td>233</td>
<td>613</td>
</tr>
<tr>
<td>Kent</td>
<td>68</td>
<td>181</td>
</tr>
<tr>
<td>New Castle</td>
<td>88</td>
<td>304</td>
</tr>
<tr>
<td>Sussex</td>
<td>77</td>
<td>128</td>
</tr>
<tr>
<td>Hospitalizations</td>
<td>14</td>
<td>34</td>
</tr>
<tr>
<td>Deaths</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>
WHO Afro Outbreaks & Emergencies
Week 51: December 16 - 22, 2019
https://apps.who.int/iris/bitstream/handle/10665/330302/OEW51-23122019.pdf

- New Events
- Ongoing Events
  o DRC – Ebola Virus Disease (3,358 cases, 2,224 deaths, CFR 66%).
    ▪ 15 new confirmed cases have been reported this week
    ▪ 14 deaths this week
    ▪ 169 health workers have been affected (5%)
    ▪ 29 health zones affected with at least one case
    ▪ 6 health zones with confirmed cases in the last 21 days
    ▪ 7 health zones: ongoing contact tracing
  o Nigeria – Monkeypox (106 cases, 1 death, CFR 0.9%). The first laboratory confirmed case was declared in September 2017, and since then the country continues to report sporadic cases. There has been one traveler to the country who showed symptoms in their home country.

- Humanitarian Crisis
  o Niger. Persistent insecurity in the Sahel region of the country has led to continued decrease in access to health services and humanitarian access, large population displacement, and armed attacks. The situation has been exacerbated by flooding.

WHO Disease Outbreak News (www.who.int/csr/don/en/)
- 12/26: Mali – Yellow Fever
- 12/26: Qatar – MERS-CoV

CDC Current Outbreak List (https://www.cdc.gov/outbreaks/index.html)
- Multidrug-resistant Campylobacter Infections in Pet Store Puppies (December 2019)
- E. Coli in Fresh Express Salad Kits (December 2019)
- E. Coli in Romain Lettuce (December 2019)

Travel Notices
- December
  o Polio – Asia (alert)
  o Polio – Africa (alert)
  o Dengue – Asia and the Pacific Islands (watch)
2019 US Zika Case Counts

<table>
<thead>
<tr>
<th>As of December 5, 2019</th>
<th>US 2019</th>
<th>US Territories 2019</th>
</tr>
</thead>
<tbody>
<tr>
<td>Travelers</td>
<td>16</td>
<td>2</td>
</tr>
<tr>
<td>Local Mosquito-borne infection</td>
<td>0</td>
<td>55</td>
</tr>
<tr>
<td>Other Route</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>17</strong></td>
<td><strong>57</strong></td>
</tr>
</tbody>
</table>

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

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**From the Immunization Action Coalition**

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**Issue 1469: December 18, 2019**
http://www.immunize.org/express/issue1469.asp

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**In other news…**

Immunization Works – December 2019 Newsletter -

Infectious Diseases Clinical Research Consortium awards announced -

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