Weekly Meeting!

Quarterly Meeting!

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**Quarterly Meeting**

**When:** Thursday, February 15, 2017
10:30 AM – 12:00 PM

**Where:**
Bayhealth Medical Center
Nursing Conference Room
640 S. State Street, Dover, DE 19901
Also Online

**Topics:**
Website Updates
Outreach Events
Emerging Infectious Disease, Pertussis, School Health Influenza/RSV, Health Care Workers

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

Communicating about Maternal Immunization (VIC Network)
January 30, 2018 from 1:00 – 2:00 pm

Pregnant women need vaccines to protect them and their babies against influenza and pertussis. Speakers will give an update on CDC’s maternal vaccination recommendations and maternal vaccination campaign. The webinar will also discuss strategies that programs can use to reach pregnant women.

Flu Clinics...

**Flu Clinics**

Monday Through Friday
Hudson State Service Center, By Appointment Only
501 Ogletown Road, Newark, DE 19711 | 302-283-7587
Mondays
Milford State Service Center, 9:00 am – 4:00 pm (by appointment only)
253 NE Front Street, Milford, DE 19963 | 302-424-7130

Wednesdays
Williams State Service Center, 8:00 am – 3:30 pm (by appointment only)
805 River Road, Dover, DE 19901 | 302-857-5140

Fridays
Shipley State Service Center, 8:30 am – 12:00 pm AND 1:00 – 4:00 pm
350 Virginia Avenue, Seaford, DE 19973 | 302-628-6772

CDC Influenza Surveillance Report
https://www.cdc.gov/flu/weekly/

During week 2 (January 7-13, 2018), influenza activity increased in the United States.

High influenza-like illness (ILI) activity was reported in New York City, Puerto Rico, and 32 states (Alabama, Arizona, Arkansas, California, Florida, Georgia, Hawaii, Illinois, Indiana, Kansas, Kentucky, Louisiana, Maryland, Mississippi, Missouri, Nebraska, Nevada, New Jersey, New Mexico, New York, North Carolina, Ohio, Oklahoma, Oregon, South Carolina, South Dakota, Tennessee, Texas, Virginia, West Virginia, Wisconsin, and Wyoming).

Moderate ILI activity was reported in 9 states (Alaska, Colorado, Idaho, Iowa, Massachusetts, Minnesota, North Dakota, Pennsylvania, and Rhode Island).
Low ILI activity was reported in the District of Columbia and six states (Connecticut, Michigan, New Hampshire, Utah, Vermont, and Washington).

Minimal ILI activity was reported in 3 states (Delaware, Maine, and Montana.).

<table>
<thead>
<tr>
<th>Specimen Tested</th>
<th>Week 2</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Positive Specimen (%)</td>
<td>1,507 (67.2)</td>
<td>16,036 (47.7)</td>
</tr>
<tr>
<td>Influenza A (%)</td>
<td>1,319 (87.5)</td>
<td>13,927 (86.8)</td>
</tr>
<tr>
<td>Influenza B (%)</td>
<td>188 (12.5)</td>
<td>2,109 (13.2)</td>
</tr>
</tbody>
</table>

In week 2, there were 349 lab-confirmed cases of flu in Delaware, and the state activity remains WIDESPREAD. There were 0 flu-related deaths.

<table>
<thead>
<tr>
<th>Cases</th>
<th>Hospitalizations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Week 2</td>
<td>Total</td>
</tr>
<tr>
<td>Delaware</td>
<td>349</td>
</tr>
<tr>
<td>New Castle</td>
<td>156</td>
</tr>
<tr>
<td>Kent</td>
<td>67</td>
</tr>
<tr>
<td>Sussex</td>
<td>126</td>
</tr>
<tr>
<td>Deaths</td>
<td>0</td>
</tr>
</tbody>
</table>

February 2018, Volume 24, Issue 2 – Zoonoses

Global Infectious Disease

WHO Africa:
Weekly Bulletin on Outbreaks and Other Emergencies
Week 3: January 13 - 19, 2018

1 New Event | 55 Ongoing Events | 45 Outbreaks | 11 Humanitarian Crises
http://apps.who.int/iris/bitstream/10665/259885/1/OEW03-1319012018.pdf

- New Events:
- Ongoing Events:
  - Angola – Cholera (411 cases, 9 deaths, CFR 2.2%). The presumed index case for this outbreak traveled to the DRC. Since then, the number of cases
has increased rapidly. Since Jan 6, the cases have begun to slow. The majority of cases are from the suburban area around the center of the city of Uige. Most (63%) cases were 15 years or older.

- **Benin – Lassa fever** (4 cases, 3 deaths, CFR 75.0%). A case of viral hemorrhagic fever was reported in the Boukoumbe commune on Jan 8. The index case was a 35 year-old male. He became ill in Nigeria, and traveled to Nadoba village (Togo) to stay with relatives. He was admitted with a high grade fever, hematemesis, bleeding gums, conjunctivitis, and abdominal pain on Jan 8, and died the next day.

- **The Gambia – Rift Valley Fever (sus)** (1 case, 1 death, CFR 100%). On Dec 29, a blood sample taken from a 52 year-old Korean man was positive for RVF on IgM testing. The case patient worked for a fishing company in the Gambia, and had traveled to Senegal, Bissau, and Guinea-Bissau in the past month. He was hospitalized on Dec 20, and died Dec 31.

- **Nigeria – Lassa fever** (1,022 cases, 127 deaths, CFR 12.0%). A new cluster of five cases were reported from Ebonyi State on Jan 15. The index case was a 15 year-old boy, who was admitted with fever, loss of consciousness, and bleeding from the mouth and nose. He died a few days later, and four health care workers who treated him fell ill. Three died and the fourth remains hospitalized.

- **Nigeria – Botulism** (3 cases, 2 deaths, CFR 66.6%). Two suspected cases – a husband and wife – presented with vomiting, fever, sudden blurring of vision, generalized body weakness, and other symptoms. She was referred 24 hours after admission to King’s Care Hospital, and died in transit. He was transferred, and his symptoms worsened, progressing to respiratory failure. He died on Jan 15. The 15-year-old daughter of the two initial cases developed symptoms (heaviness of eyelids, abdominal pain, nausea, and headache) on Jan 6. She has been managed with close observation, and the ICU is on standby, but she remains an inpatient.

- **South Sudan – Rift Valley Fever (sus)** (13 cases, 3 deaths, CFR 23.1%). Since last week, 6 new suspected cases have been reported. Results from blood samples are pending.

**Humanitarian Crisis:**

- **Central African Republic.** The central area of the country is the most affected, and the number of IDPs have increased to 680,000. Humanitarian groups are mobilizing to assess the needs of the IDPs, especially their risk of meningitis and measles. Cases of typhoid fever continue to accumulate.

**WHO Disease Outbreak News** (www.who.int/csr/don/en/)

- 1/22 – Brazil: Yellow Fever

**Zika: Areas at Risk**

- **Africa:** Angola, Benin, Burkina-Faso, Burundi, Cameroon, Cape Verde, Central African Republic, Chad, Congo, Cote d’Ivoire, Democratic Republic of the Congo, Equatorial Guinea, Gabon, Gambia, Ghana, Guinea, Guinea-Bissau, Kenya, Liberia, Mali, Niger, Nigeria, Rwanda, Senegal, Sierra Leone, South Sudan, Sudan, Tanzania, Togo, Uganda

- **Asia:** Bangladesh, Burma (Myanmar), Cambodia, India, Indonesia, Laos, Malaysia, Maldives, Pakistan, Philippines, Singapore, Thailand, Timor-Leste (East Timor), Vietnam
- **Caribbean**: Anguilla, Antigua & Barbuda, Aruba, The Bahamas, Barbados, Bonaire, British Virgin Islands, Cuba, Curacao, Dominica, Dominican Republic, Grenada, Haiti, Jamaica, Montserrat, Puerto Rico, Saba, Saint Kitts & Nevis, Saint Lucia, Saint Martin, Saint Vincent & the Grenadines, Sint Eustatius, Sint Maarten; Trinidad & Tobago, Turks & Caicos, US Virgin Islands
- **Central America**: Belize, Costa Rica, El Salvador, Guatemala, Honduras, Nicaragua, Panama
- **North America**: Mexico
- **The Pacific Islands**: Fiji, Papua New Guinea, Samoa, Solomon Islands, Tonga
- **South America**: Argentina, Bolivia, Brazil, Colombia, Ecuador, French Guiana, Guyana, Paraguay, Peru, Suriname, Venezuela

**2017 US Case Counts**

*The CDC is now updating this information on a bi-weekly basis.*

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<tbody>
<tr>
<td>Travelers</td>
<td></td>
<td>0</td>
<td>398</td>
<td>5,355</td>
<td>0</td>
<td>1</td>
<td>147</td>
</tr>
<tr>
<td>Local Mosquito-borne</td>
<td></td>
<td>0</td>
<td>4</td>
<td>228</td>
<td>0</td>
<td>630</td>
<td>36,976</td>
</tr>
<tr>
<td>infection</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Other Route</td>
<td></td>
<td>0</td>
<td>5 (sex)</td>
<td>52</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>0</td>
<td>407</td>
<td>5,635</td>
<td>0</td>
<td>631</td>
<td>37,123</td>
</tr>
</tbody>
</table>

**Cases by State and Territory**

![Map of laboratory-confirmed symptomatic Zika virus disease cases reported to ArboNET by states and territories—United States, 2017 (Provisional data as of January 10, 2018)](image-url)
Is This Season’s Flu More Severe Than Usual or Just Highly Active?
https://shotofprevention.com/2018/01/13/is-this-seasons-flu-more-severe-than-usual-or-just-highly-active/

From the Immunization Action Coalition

Issue 1345: January 17, 2018
http://www.immunize.org/express/issue1345.asp


What you need to know about this season’s brutal flu (PBS)
Century after pandemic, science takes its best shot a flu (Ass. Press)
10-year-old boy dies of complications from the flu (NY Post)
The flu vaccine is only about 30% effective but you should get it anyway (Quartz)
VERIFY: Is it too late to get a flu shot?
UCF medical researchers working on flu shot that would last a lifetime (AZ)
What anti-vaccination groups tell us about Facebook’s filter bubbles (ABC)

Editorial: Flu vaccine is an obligation, not a choice (CA)

The nasty business of flu in Idaho (ID)

Flu widespread in US; no antiviral resistance reported (Healio)

Measles outbreak ‘A Legacy of MMR Vaccination Scare’ (The Times UK)

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**In other news…**


A single dose of modified vaccinia Ankara expressing Ebola virus like particles protects nonhuman primates from lethal Ebola virus challenge https://www.nature.com/articles/s41598-017-19041-y

Brazil declares yellow fever emergency in Minas Gerais http://www.bbc.com/news/world-latin-america-42763471


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