Upcoming Quarterly Meeting!

**QUARTERLY MEETING**

**WHEN:** Thursday, February 21, 2019
10:30 AM — 12:00 PM

**WHERE:** Edgehill Conference Center
43 S. Dupont Highway, Dover

**TOPICS:**
- Website Updates & Outreach Events
- HPV Education Presentation
- Partnership with DAFF
- Emerging Infectious Disease
- Standing Agenda Items

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

Disease Prediction Project: Johns Hopkins
Public health experts, epidemiologists, clinicians and others with on-the-ground understanding of conditions surrounding disease outbreaks are invited to participate in a new disease prediction project developed by the Johns Hopkins Center for Health Security. This platform is designed to use collective intelligence to provide health security leaders with crowdsourced forecast data to inform their decision-making about infectious disease preparedness and response policies and interventions.

Register here: https://prod.lumenogic.com/jhchs/auth/register.html
Need a Flu Shot? Upcoming flu clinics:

<table>
<thead>
<tr>
<th>DATE</th>
<th>TIME</th>
<th>LOCATION</th>
<th>ADDRESS</th>
<th>COUNTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>MONDAYS – FRIDAYS</td>
<td>8:15a – 11:30a</td>
<td>Hudson State Service Center</td>
<td>501 Ogletown Road, Newark 302-283-7587</td>
<td>New Castle</td>
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<tr>
<td>MONDAYS - FRIDAYS</td>
<td>8:15a – 11:30a</td>
<td>Porter State Service Center</td>
<td>509 W. 8th Street, Wilmington 302-777-2860</td>
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<tr>
<td>MONDAYS WEDNESDAYS</td>
<td>1:00p – 3:00p</td>
<td>Milford State Service Center</td>
<td>253 NE Front Street, Milford 302-424-7130</td>
<td>Kent</td>
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<tr>
<td>MONDAYS - THURSDAYS</td>
<td>8:00a – 3:30p</td>
<td>Williams State Service Center</td>
<td>805 River Road, Dover 302-857-5140</td>
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<tr>
<td>MONDAYS - FRIDAYS</td>
<td>8:30a – 4:00p</td>
<td>Shipley State Service Center</td>
<td>350 Virginia Ave Seaford 302-628-6772</td>
<td>Sussex</td>
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<tr>
<td>THURSDAYS</td>
<td>9:00a – 11:00a</td>
<td>Adams State Service Center</td>
<td>544 S. Bedford St Georgetown 302-515-3174</td>
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</tbody>
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New CDC App!
PneumoRecs VaxAdvisor mobile app: [http://www.cdc.gov/vaccines/pneumoapp](http://www.cdc.gov/vaccines/pneumoapp)

Week 6 (February 3 - 9, 2019):

In-season burden estimates of flu in the United States [https://www.cdc.gov/flu/about/burden/preliminary-in-season-estimates.htm](https://www.cdc.gov/flu/about/burden/preliminary-in-season-estimates.htm)

<table>
<thead>
<tr>
<th>Date</th>
<th>Symptomatic Illnesses</th>
<th>Medical Visits</th>
<th>Hospitalizations</th>
<th>Deaths</th>
</tr>
</thead>
<tbody>
<tr>
<td>10/01/18 – 1/05/19</td>
<td>6.15 M – 7.28 M</td>
<td>2.92 M – 3.51 M</td>
<td>69,300 – 83,500</td>
<td></td>
</tr>
<tr>
<td>To Jan 12</td>
<td>8.2 M – 9.6 M</td>
<td>3.9 M – 4.6 M</td>
<td>95,000 – 114,000</td>
<td></td>
</tr>
<tr>
<td>To Jan 19</td>
<td>9.8 M – 11.4 M</td>
<td>4.6 M – 5.4 M</td>
<td>113,000 – 136,000</td>
<td></td>
</tr>
<tr>
<td>To Jan 26</td>
<td>10.1 M – 11.7 M</td>
<td>4.7 M – 5.6 M</td>
<td>118,000 – 141,000</td>
<td></td>
</tr>
<tr>
<td>To Feb 04</td>
<td>13.2 M – 15.2 M</td>
<td>6.2 M – 7.2 M</td>
<td>155,000 – 186,000</td>
<td></td>
</tr>
<tr>
<td>To Feb 09</td>
<td>15.4 M – 17.8 M</td>
<td>7.2 M – 8.4 M</td>
<td>184,000 – 221,000</td>
<td>11,600 – 19,100</td>
</tr>
</tbody>
</table>

Influenza activity in the United States increased; influenza A(H1N1)pdm09, influenza A(H3N2), and influenza B viruses are co-circulating.

Influenza-like Illness (ILI) Activity:
• New York City and 26 states experienced high ILI activity.
• The District of Colombia, Puerto Rico, and 8 states experienced moderate ILI activity.
• 11 states (including Delaware) experienced low ILI activity.
• The US Virgin Islands and five states experienced minimal ILI activity.

Geographic Spread:
• Widespread influenza activity was reported by Puerto Rico and 48 states (including Delaware).
• Regional influenza activity was reported by 1 state.
• Local influenza activity was reported by the District of Columbia and 1 state.
• Sporadic influenza activity was reported by the U.S. Virgin Islands
• Guam did not report.

In Delaware, there were 623 lab-confirmed cases of influenza. Delaware’s influenza activity level remains WIDESPREAD. There was 1 flu-related death.
WHO Afro Outbreaks & Emergencies
Week 6: February 4 - 10, 2019

- New Events
  - **Guinea – Lassa Fever** (1 case, 1 death, CFR 100%). The Ministry of Health notified WHO of a confirmed case in Kissidougou Prefecture (east-central part of the country). The case patient was a 35-year old man who presented with fever, prostration, and constitutional symptoms. The patient manifested hemorrhagic signs before death. To date, 108 contacts have been identified and are being monitored.

- Ongoing Events
  - **DRC – Ebola Virus Disease** (811 cases, 510 deaths, CFR 63%). Thirty-seven more probable cases have been reported, with an additional 29 deaths. To date, confirmed cases have been reported from 18 health zones; 13 of 18 have reported at least one new confirmed case in the past 21 days. Sixty-seven health workers have been affected, with 21 deaths. Contact tracing is ongoing in 16 health zones, and remains challenging due to insecurity and pockets of community reluctance.
  - **Madagascar – Measles** (53,459 cases, 312 deaths, CFR 0.6%). Detailed epidemiological investigations show a much higher magnitude, including mortality, since the first week of 2019.

- Humanitarian Crisis
  - **Central African Republic.** A peace agreement was signed on Feb 6 between the Government and 14 non-state armed groups. On the ground, however, incursions, internally displaced persons, humanitarian workers as targets, and the two disease outbreaks (hepatitis E and monkey pox) remain concerning.

**WHO Disease Outbreak News** (www.who.int/csr/don/en/)
- 2/11: Oman – MERS-CoV
- 2/11: Brazil – Yellow fever
- 2/14: DRC – Ebola Virus Disease
- 2/14: Nigeria – Lassa Fever
- 2/15: Saudi Arabia – MERS-CoV
**CDC Current Outbreak List**

- Raw Milk – Drug-resistant *Brucella* (Feb 2019)
- Pet Hedgehogs – *Salmonella* (Jan 2019)

**Travel Notices**

- Argentina – Andes Virus / Hantavirus (watch)
- Kazakhstan – Measles (watch)
- Nigeria – Yellow Fever (watch)
- Mexico – Drug-Resistant Infections (alert)
- Lunar New Year (watch)
- India – Zika Virus (alert)

**2019 US Zika Case Counts**

<table>
<thead>
<tr>
<th></th>
<th>US 2019</th>
<th>Cumulative Since 1/1/15</th>
<th>US Territories 2019</th>
<th>Cumulative Since 1/1/15</th>
</tr>
</thead>
<tbody>
<tr>
<td>Travelers</td>
<td>0</td>
<td>5,460</td>
<td>0</td>
<td>147</td>
</tr>
<tr>
<td>Local Mosquito-borne infection</td>
<td>0</td>
<td>231</td>
<td>0</td>
<td>37,157</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>0</strong></td>
<td><strong>5,746</strong></td>
<td><strong>0</strong></td>
<td><strong>37,304</strong></td>
</tr>
</tbody>
</table>

**From the Immunization Action Coalition**

**Issue 1411**: February 13, 2019
http://www.immunize.org/express/issue1411.asp

**Ask the Experts: Issue 1409**: February 4, 2019
http://www.immunize.org/express/issue1409.asp

**In other news…**

Canada: Vancouver reports 8 measles cases this past week
http://outbreaknewstoday.com/canada-vancouver-reports-8-measles-cases-past-week-86056/
Measles outbreak tops 60 in Clark County
http://outbreaknewstoday.com/measles-outbreak-tops-60-clark-county-18575/

NFID: The Impact of Women in Vaccinology
https://nfid.wordpress.com/2019/02/14/the-impact-of-women-in-vaccinology/

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