**Notes & Updates**

National Influenza Vaccination Week is scheduled for December 2 – 8, 2018!
[https://www.cdc.gov/flu/resource-center/nivw/about.htm](https://www.cdc.gov/flu/resource-center/nivw/about.htm)

The ICD is once again helping to plan the Communicable Disease Summit on December 10. If you, or anyone you know, might like to register for a sponsor table, please let Dr. Smith know!

**Continuing Education!**

**Medscape: Prevention of Pertussis, Tetanus, and Diphtheria with Vaccines in the United States**
The goal of this activity is to describe current recommendations from the Advisory Committee on Immunization Practices (ACIP) regarding prevention and control of tetanus, diphtheria, and pertussis in the United States, based on a comprehensive summary of previously published recommendations. Continuing Education credits available (physicians, ABIM, Nurses, Pharmacists).
[https://t.co/06Pgc1xKE2](https://t.co/06Pgc1xKE2)

**Save the Date: #HowIRecommend Flu Webinar**
Hosted by the Public Health Foundation, This webinar will focus on better understanding the severity and burden of last year's flu season and why flu vaccine is so important and will offer tips on how to make stronger and more effective flu vaccine recommendations.

Wednesday, December 5, 2018 at 1:00 pm

**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><strong>MONDAYS – FRIDAYS</strong></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><strong>MONDAYS – FRIDAYS</strong></td>
<td>8:15a – 11:30a</td>
<td>Porter State Service Center</td>
<td>509 W. 8th Street, Wilmington 302-777-2860</td>
<td></td>
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<tr>
<td><strong>MONDAYS WEDNESDAYS</strong></td>
<td>1:00p – 3:00p</td>
<td>Milford State Service Center</td>
<td>253 NE Front Street, Milford 302-424-7130 (APPOINTMENT)</td>
<td>Kent</td>
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<tr>
<td><strong>MONDAYS – THURSDAYS</strong></td>
<td>8:00a – 3:30p</td>
<td>Williams State Service Center</td>
<td>805 River Road, Dover</td>
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</table>
Week 45 (November 4 - 10, 2018):

Synopsis: influenza activity in the United States remains low, although small increases in activity were reported.

Influenza-like Illness (ILI) Activity:
- Georgia experienced moderate ILI activity.
- New York City and five states (Alabama, Louisiana, South Carolina, Utah, and Virginia) experienced low ILI activity.
- The District of Colombia, Puerto Rico, and 44 states (including Delaware) experienced minimal ILI activity.

Geographic Spread:
- Regional influenza activity was reported by three states.
- Local influenza activity was reported by Guam and ten states.
- Sporadic influenza activity was reported by the District of Columbia, Puerto Rico, the U.S. Virgin Islands and 35 states (including Delaware).
- No influenza activity was reported by two states.
In Delaware, there were nineteen lab-confirmed cases of influenza. Delaware’s influenza activity level remains SPORADIC. There were 0 flu-related deaths.

<table>
<thead>
<tr>
<th></th>
<th>Week 45</th>
<th>Since 9/30/2018</th>
</tr>
</thead>
<tbody>
<tr>
<td>Specimens tested</td>
<td>620</td>
<td>4,665</td>
</tr>
<tr>
<td>Positive Specimens</td>
<td>94 (15.2%)</td>
<td>491 (10.5%)</td>
</tr>
<tr>
<td>Influenza A</td>
<td>84 (89.4%)</td>
<td>413 (84.1%)</td>
</tr>
<tr>
<td>Influenza B</td>
<td>10 (10.6%)</td>
<td>78 (15.9%)</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>Cases</th>
<th>Hospitalizations</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Week 45</td>
<td>Total</td>
</tr>
<tr>
<td>Delaware</td>
<td>19</td>
<td>61</td>
</tr>
<tr>
<td>New Castle</td>
<td>6</td>
<td>20</td>
</tr>
<tr>
<td>Kent</td>
<td>12</td>
<td>32</td>
</tr>
<tr>
<td>Sussex</td>
<td>1</td>
<td>9</td>
</tr>
<tr>
<td>Deaths</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

November 2018, Volume 24, Issue 11 – Tickborne Diseases
https://wwwnc.cdc.gov/eid/content/24/11/pdfs/v24-n11.pdf
WHO Afro Outbreaks & Emergencies
Week 45: November 3 - 9, 2018

- [http://apps.who.int/iris/bitstream/handle/10665/275825/OEW45-0309112018.pdf](http://apps.who.int/iris/bitstream/handle/10665/275825/OEW45-0309112018.pdf)
- New Events
- Ongoing Events
  - DRC – Ebola Virus Disease (329 cases, 205 deaths, CFR 62%). Since last week, 31 new confirmed cases and 19 new deaths have occurred. Three new health zones have reported confirmed cases – one close to the Uganda border. Insecurity persists, and insurgents are attacking burial teams. Two new health workers were affected on Nov 9 (30 total, 29 confirmed, 3 deaths). The total number of patients admitted to ETCs is 97.
  - Mauritania – Dengue Fever (130 cases, 0 deaths). An outbreak in 6 of the 15 regions in the country was formally reported on October 23. Retrospective investigations reveal that sporadic cases have occurred in several parts of the country since July. DENV-2 serotype has been identified in all affected regions. No case of hemorrhagic fever and no fatalities have been registered.
  - Senegal – Dengue Fever (216 cases, 1 death, CFR 0.1%). This outbreak continues to evolve, and four new health districts are affected, bringing the total districts affected to 11. Last week, 71 new confirmed cases were reported. Three circulating serotypes have been identified: DENV-3, DENV-1, and DENV-2 (in Richard-Toll, the region bordering Mauritania).

- Humanitarian Crisis
  - Cameroon. The crisis is deteriorating, and almost 10% of the population are in need of aid, primarily in the Far North, North, Adamaoua, and East regions. Political violence (the Anglophone Crisis) in the north-west and south-west regions has escalated, and at least 400 civilians and 160 state security personnel have died. On Nov 5, 102 people (including 79 school children) were abducted and spent several days in captivity. The conflict has led to displacement of refugees, decreased access to healthcare (with an increase in meningitis cases).

- 11/15: EVD - DRC

CDC Current Outbreak List ([https://www.cdc.gov/outbreaks/index.html](https://www.cdc.gov/outbreaks/index.html))
- Raw Chicken Products – Multi-drug Resistant *Salmonella* infections
- Ground Beef – *Salmonella* infections
- Deli Ham – *Listeria* infections
2018 US Zika Case Counts

<table>
<thead>
<tr>
<th></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>52</td>
<td>5,448</td>
<td>0</td>
<td>147</td>
</tr>
<tr>
<td>Local Mosquito-borne infection</td>
<td>0</td>
<td>231</td>
<td>106</td>
<td>37,147</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>52</strong></td>
<td><strong>5,734</strong></td>
<td><strong>106</strong></td>
<td><strong>37,294</strong></td>
</tr>
</tbody>
</table>

From Shot of Prevention

Introducing Vaccinate Your Family: The Next Generation of Every Child By Two

From the Immunization Action Coalition

Issue 1394: November 14, 2018
http://www.immunize.org/express/issue1394.asp

In other news…

3 Lessons from India in Creating Equal Access to Vaccines

330,000 Rohingyas and Host Community to Get Cholera Vaccine in Cox’s Bazar
Antibiotic Resistance: A Pressing Public Health Issue

Anti-vaccination Community in North Carolina Hit With Chickenpox Outbreak

CDC Issues Travel Notice for Israel Due to Measles Outbreak

Ethiopia to Vaccinate More than 1 Million People Against Yellow Fever
https://afro.who.int/news/ethiopia-vaccinate-more-1-million-people-against-yellow-fever

Increased Air Travel May Decrease the Chances of a Global Pandemic
https://bigthink.com/surprising-science/more-air-travel-more-health

NIH Scientists Illuminate Causes of Hepatitis B virus-associated Acute Liver Failure

Uganda-DRC Border Residents at High Risk of Ebola

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