Flu News
Flu vaccine selections may be an ominous sign for this winter -
https://www.statnews.com/2019/09/30/flu-vaccine-selections-may-be-an-ominous-sign-for-this-winter/

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

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

<table>
<thead>
<tr>
<th>County</th>
<th>Date</th>
<th>Clinic Site</th>
<th>Address</th>
<th>Hours</th>
<th>Pre-Registration</th>
</tr>
</thead>
<tbody>
<tr>
<td>New Castle</td>
<td>Friday, Oct 4</td>
<td>Porter State Service Center</td>
<td>511 W 8th Street, Wilmington</td>
<td>10:00 am – 2:00 pm</td>
<td>Walk In</td>
</tr>
<tr>
<td>Kent</td>
<td>Friday, Oct 4</td>
<td>Gigante Market</td>
<td>209 NE Front Street, Milford</td>
<td>3:00 – 6:00 pm</td>
<td>Walk In</td>
</tr>
</tbody>
</table>

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

Adult Immunization 2019 Update: Improve your Practice and Resident Education

**WHO Afro Outbreaks & Emergencies**
Week 38: September 16 - 22, 2019

- [https://apps.who.int/iris/bitstream/handle/10665/327836/OEW38-1622092019.pdf](https://apps.who.int/iris/bitstream/handle/10665/327836/OEW38-1622092019.pdf)
- New Events
- Ongoing Events
  - **DRC – Ebola Virus Disease** (3,164 cases, 2,115 deaths, CFR 67%). Experts are continuing to see persistent transmission: 48 new confirmed cases have been reported, with an additional 25 deaths. One hundred sixty health workers have been affected (5%). Twenty-nine health zones have reported at least one confirmed or probable case, and thirteen have reported confirmed cases in the last 21 days. Contact tracing is ongoing in 14 health zones.
  - **Ethiopia – Chikungunya** (40,340 cases, 0 deaths). On August 5, reports of patients with an unknown illness (fever, joint pains) were received. A rapid response team discovered chikungunya via PCR, and since then, cases have been reported in all nine urban kebeles.
  - **Mali – Flooding**. So far this year, flooding has already affected 78,115 people, and 87% of the population is at risk. This risk is complicated by the humanitarian crisis (ongoing since Jan 2012) and population displacement (nearly 500,000). Flooding is a common occurrence in the rainy season (August – November), and cause loss of life, loss of livestock, destruction of agricultural land, habitat destruction, and soil erosion.
  - **Nigeria – Cholera** (764 cases, 4 deaths, CFR 0.5%). Four local government areas have been affected, but the number of cases reported weekly has been on the downward trend since the peak of the outbreak in August 2019. Most commonly effected age group is children < 4 years old; females to male ratio of 1.3 to 1.0.

**WHO Disease Outbreak News** ([www.who.int/csr/don/en/](www.who.int/csr/don/en/))
- 9/21: Tanzania – Undiagnosed Febrile Illness
- 9/24: The Philippines - Polio
- 9/26: DRC – Ebola Virus Disease
- 9/26: Saudi Arabia – MERS-CoV
- 9/26: Nigeria – Yellow Fever

**CDC Current Outbreak List** ([https://www.cdc.gov/outbreaks/index.html](https://www.cdc.gov/outbreaks/index.html))
- Pulmonary Disease associated with E-cigarette (August 2019)
- *Listeria monocytogenes* outbreaks, 13 states (August 2019)

**Travel Notices**
- September
  - Dengue: Asia and the Pacific Islands; Africa and the Middle East
  - Hurricane: the Bahamas

<table>
<thead>
<tr>
<th></th>
<th>US 2019</th>
<th>US Territories 2019</th>
</tr>
</thead>
<tbody>
<tr>
<td>Travelers</td>
<td>7</td>
<td>2</td>
</tr>
<tr>
<td>Local Mosquito-borne infection</td>
<td>0</td>
<td>32</td>
</tr>
<tr>
<td>Other Route</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>7</strong></td>
<td><strong>34</strong></td>
</tr>
</tbody>
</table>


- Current case count = 1,241
- Jurisdictions Affected
  - NY: Rockland County (ended 9/25)
  - New York City, NY (ended 9/03)
  - El Paso, TX (ended 9/12)
  - Wyoming Co, NY (ended 9/19)

From the Immunization Action Coalition

Issue 1448: September 25, 2019
http://www.immunize.org/express/issue1448.asp

Ask the Experts: September
http://www.immunize.org/express/issue1446.asp

In other news…


North Carolina: Mumps reported at Elon University and High Point University -
http://outbreaknewstoday.com/north-carolina-mumps-reported-at-elon-university-and-
high-point-university-60506/

Pakistan reports four additional polio cases - http://outbreaknewstoday.com/pakistan-
reports-4-additional-polio-cases-battling-anti-vaccination-propaganda-on-social-media-
79144/

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